Versicherungsbarwerte für Leibrenten

Tabellen zur jährlich und monatlich vorschüssigen Zahlungsweise

2016/2018

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Erläuterungen zu den Kommutationszahlen und Versicherungsbarwerten für Leibrenten 2016/2018

1 Einführung

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

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

Zu beachten ist, dass die hier veröffentlichten Versicherungsbarwerte auf der gegenwärtig gültigen Sterbetafel 2016/18 basieren. Bei dieser Sterbetafel handelt es sich um eine sogenannte Periodensterbetafel, welche die Sterblichkeitsverhältnisse für einen bestimmten Betrachtungszeitraum (hier: 2016/18) angibt. Eine mögliche Veränderung der Sterblichkeitsverhältnisse in den kommenden Jahren wird dabei nicht berücksichtigt.

Es gilt:

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

l_x Überlebende im Alter x (Absterbeordnung)

i Zinsfuß

ω höchstes in der Sterbetafel von den Überlebenden erreichbares Alter $(l_\omega > 0,\ l_{\omega+1} = 0)$
(in 2016/2018: Männer 110 Jahre und Frauen 112 Jahre)

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

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

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

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

2 Formeln für gebräuchliche Versicherungsbarwerte

2.1 Sofort beginnende lebenslängliche Leibrente

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

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

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

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

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

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

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

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

2.2 Aufgeschobene Leibrente

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

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

2.3 Temporäre Leibrente

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

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

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

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

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

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

2.4 Aufgeschobene temporäre Leibrente

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

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

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

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

3 Rechenbeispiele

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

3.1 Jährlich vorschüssig zahlbare Leibrente

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

Der Barwert $\ddot{a}_y$ einer sofort beginnenden und lebenslänglich, jährlich vorschüssig zahlbaren Leibrente vom Betrag 1 beträgt für 70-jährige Frauen bei einem Zinsfuß von 5 % 11,456.

Es gilt:

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

Demnach beläuft sich die jährlich vorschüssig zahlbare Leibrente auf 17 458,10 Euro:

$$ \text{Rentenbetrag} = \frac{200\,000}{11{,}456} = 17\,458{,}10 $$

3.2 Monatlich vorschüssig zahlbare Leibrente

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

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

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

Mit dem Barwert von 11,456 einer sofort beginnenden und lebenslänglich, jährlich vorschüssig zahlbaren Leibrente vom Betrag 1 für 70-jährige Frauen bei einem Zinsfuß von 5 % ergibt sich:

$${}^{(12)}\ddot{a}_{70} = 11{,}456 - 0{,}4664 = 10{,}990$$

Wird wieder der Kaufpreis von 200 000 Euro zugrunde gelegt, dann beläuft sich die monatlich vorschüssig zahlbare Leibrente auf 1 516,53 Euro:

$$\text{Rentenbetrag} = \frac{\text{Kaufpreis}}{{}^{(m)}\ddot{a}_y \cdot m} = \frac{200\,000}{10{,}990 \cdot 12} = 1\,516{,}53$$

3.3 Aufgeschobene Leibrente

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

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

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

Damit ergibt sich für eine 70-jährige Frau bei einer Verzinsung von 5 % und einer nach n=5 Jahren beginnenden Zahlung ein Barwert von 7,028:

$${}_5\ddot{a}_{70} = \frac{2\,087{,}289}{2\,874{,}197} \cdot 9{,}677 = 7{,}028$$

Folglich beträgt bei einem Kaufpreis von 200 000 Euro die um 5 Jahre aufgeschobene, jährlich vorschüssig zahlbare Leibrente 28 457,60 Euro:

$$\text{Rentenbetrag} = \frac{200\,000}{7{,}028} = 28\,457{,}60$$

3.4 Temporäre Leibrente

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

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

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

Somit beträgt der Barwert 10,875 für eine 70-jährige Frau bei einer Verzinsung von 5 % und einer Laufzeit von 20 Jahren bei einer sofort beginnenden Zahlung:

$$\ddot{a}_{70:20} = \frac{32\,927{,}971 - 1\,671{,}299}{2\,874{,}197} = 10{,}875$$

Bei einem Kaufpreis von 200 000 Euro ergibt sich für die 70-jährige Eigentümerin eine jährlich vorschüssig zahlbare Leibrente von 18 390,80 Euro bis zum Alter von 90 Jahren:

$$\text{Rentenbetrag} = \frac{200\,000}{10{,}875} = 18\,390{,}80$$

3.5 Kaufpreis einer Leibrente

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

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

Die 70-jährige Eigentümerin möchte eine jährlich vorschüssig zahlbare Leibrente von 24 000 Euro erhalten. Bei einem Kaufpreis von 200 000 Euro wären es derzeit jedoch nur 17 458,10 Euro (siehe 3.1). Mit dem Barwert von 11,456 einer sofort beginnenden und lebenslänglich, jährlich vorschüssig zahlbaren Leibrente vom Betrag 1 für 70-jährige Frauen (Verzinsung 5 %) müsste sie also 274 944 Euro aufbringen.

$$\text{Kaufpreis} = 24\,000 \cdot 11{,}456 = 274\,944$$

Um eine monatlich vorschüssig zahlbare Leibrente von 2 000 Euro zu erhalten, wären hingegen 263 760 Euro notwendig:

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

$$\text{Kaufpreis} = 2\,000 \cdot 10{,}990 \cdot 12 = 263\,760$$

3.6 Leibrente auf das Leben zweier Personen

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

Für die Berechnung der Verbindungsrenten wird ergänzend folgende Symbolik verwendet:

x Alter des Mannes

y Alter der Frau

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

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

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

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

F_x Höhe des Übergangs der Leibrente an den Mann

F_y Höhe des Übergangs der Leibrente an die Frau

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

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

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

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

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

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

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

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

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

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

Bei einem Zinsfuß 5 % ergibt sich ein Kaufpreis von 383 779,20 Euro:

$$383\,779{,}20 = 2\,000 \cdot 12 \cdot (1{,}000 \cdot 13{,}888 + 0{,}700 \cdot 16{,}114 - 0{,}700 \cdot 13{,}110)$$

Sollte jedoch eine jährlich vorschüssige Leibrentenzahlung von 24 000 Euro erfolgen, dann würde sich der Kaufpreis auf 394 987,20 Euro erhöhen:

$$394\,987{,}20 = 24\,000 \cdot (1{,}000 \cdot 14{,}355 + 0{,}700 \cdot 16{,}580 - 0{,}700 \cdot 13{,}576)$$

Der Mann hat durch seine frühzeitig verstorbene Großmutter ein Haus im Wert von 200 000 Euro geerbt, welches für die monatlich vorschüssige Leibrente eingesetzt werden soll. Wird die obige Formel nach dem Rentenbetrag umgeformt (siehe auch 3.1), dann ergibt sich für die beiden eine monatlich vorschüssig zahlbare Leibrente von 1 042,27 Euro. Jährlich vorschüssig würde die Leibrente 12 152,29 Euro betragen.

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

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

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

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

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

4 Schlussbemerkung

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

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

5 Anhang

Reduktionsfaktor für vorschüssige monatliche Zahlungsweise

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

6 Literaturhinweise

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Sterbetafel 2016/2018

Sterbetafel 2016/2018

Deutschland

Männlich

Vollendetes Alter in Jahren	Sterbe-	Überlebens-	Überlebende im Alter x	Gestorbene im Alter x bis unter x+1	Von den Überlebenden im Alter x bis zum Alter x+1 durchlebte	insgesamt noch zu durchlebende Jahre	Durchschnittliche Lebenserwartung im Alter x in Jahren
	wahrscheinlichkeit vom Alter x bis x+1 [1]						
x	q_x	p_x	l_x	d_x	L_x	T_x	e_x
0	0,00356226	0,99643774	100 000	356	99 692	7847 962	78,48
1	0,00027641	0,99972359	99 644	28	99 630	7748 270	77,76
2	0,00015611	0,99984389	99 616	16	99 608	7648 640	76,78
3	0,00010894	0,99989106	99 601	11	99 595	7549 031	75,79
4	0,00010653	0,99989347	99 590	11	99 585	7449 436	74,80
5	0,00010046	0,99989954	99 579	10	99 574	7349 852	73,81
6	0,00009091	0,99990909	99 569	9	99 565	7250 277	72,82
7	0,00008614	0,99991386	99 560	9	99 556	7150 713	71,82
8	0,00008552	0,99991448	99 552	9	99 547	7051 157	70,83
9	0,00008001	0,99991999	99 543	8	99 539	6951 610	69,84
10	0,00007924	0,99992076	99 535	8	99 531	6852 070	68,84
11	0,00007740	0,99992260	99 527	8	99 523	6752 539	67,85
12	0,00006884	0,99993116	99 520	7	99 516	6653 016	66,85
13	0,00009588	0,99990412	99 513	10	99 508	6553 500	65,86
14	0,00013566	0,99986434	99 503	13	99 496	6453 992	64,86
15	0,00015987	0,99984013	99 490	16	99 482	6354 496	63,87
16	0,00024747	0,99975253	99 474	25	99 461	6255 014	62,88
17	0,00027475	0,99972525	99 449	27	99 435	6155 552	61,90
18	0,00038318	0,99961682	99 422	38	99 403	6056 117	60,91
19	0,00039767	0,99960233	99 384	40	99 364	5956 714	59,94
20	0,00043184	0,99956816	99 344	43	99 323	5857 350	58,96
21	0,00040526	0,99959474	99 301	40	99 281	5758 028	57,99
22	0,00045366	0,99954634	99 261	45	99 239	5658 746	57,01
23	0,00040954	0,99959046	99 216	41	99 196	5559 508	56,03
24	0,00047486	0,99952514	99 175	47	99 152	5460 312	55,06
25	0,00043792	0,99956208	99 128	43	99 107	5361 160	54,08
26	0,00045886	0,99954114	99 085	45	99 062	5262 054	53,11
27	0,00046183	0,99953817	99 039	46	99 017	5162 992	52,13
28	0,00048486	0,99951514	98 994	48	98 970	5063 975	51,15
29	0,00052165	0,99947835	98 946	52	98 920	4965 006	50,18
30	0,00056139	0,99943861	98 894	56	98 866	4866 086	49,21
31	0,00061587	0,99938413	98 839	61	98 808	4767 220	48,23
32	0,00063400	0,99936600	98 778	63	98 746	4668 411	47,26
33	0,00073168	0,99926832	98 715	72	98 679	4569 665	46,29
34	0,00076954	0,99923046	98 643	76	98 605	4470 986	45,33
35	0,00080225	0,99919775	98 567	79	98 527	4372 381	44,36
36	0,00085947	0,99914053	98 488	85	98 445	4273 854	43,39
37	0,00097983	0,99902017	98 403	96	98 355	4175 409	42,43
38	0,00106768	0,99893232	98 307	105	98 254	4077 054	41,47
39	0,00111397	0,99888603	98 202	109	98 147	3978 799	40,52
40	0,00123774	0,99876226	98 092	121	98 032	3880 652	39,56
41	0,00133379	0,99866621	97 971	131	97 906	3782 621	38,61
42	0,00144076	0,99855924	97 840	141	97 770	3684 715	37,66
43	0,00153974	0,99846026	97 699	150	97 624	3586 945	36,71
44	0,00179800	0,99820200	97 549	175	97 461	3489 321	35,77
45	0,00195870	0,99804130	97 374	191	97 278	3391 860	34,83
46	0,00217916	0,99782084	97 183	212	97 077	3294 582	33,90
47	0,00236791	0,99763209	96 971	230	96 856	3197 505	32,97
48	0,00265551	0,99734449	96 741	257	96 613	3100 649	32,05
49	0,00297126	0,99702874	96 484	287	96 341	3004 036	31,13

Sterbetafel 2016/2018

Deutschland

Männlich

Vollendetes Alter in Jahren	Sterbe-	Überlebens-	Überlebende im Alter x	Gestorbene im Alter x bis unter x+1	Von den Überlebenden im Alter x bis zum Alter x+1 durchlebte	insgesamt noch zu durchlebende Jahre	Durchschnittliche Lebenserwartung im Alter x in Jahren
	wahrscheinlichkeit vom Alter x bis x+1 [1]						
x	q_x	p_x	l_x	d_x	L_x	T_x	e_x
50	0,00332421	0,99667579	96 198	320	96 038	2907 694	30,23
51	0,00370198	0,99629802	95 878	355	95 701	2811 656	29,33
52	0,00414072	0,99585928	95 523	396	95 325	2715 956	28,43
53	0,00469739	0,99530261	95 128	447	94 904	2620 631	27,55
54	0,00531626	0,99468374	94 681	503	94 429	2525 726	26,68
55	0,00591257	0,99408743	94 177	557	93 899	2431 297	25,82
56	0,00658737	0,99341263	93 621	617	93 312	2337 399	24,97
57	0,00733233	0,99266767	93 004	682	92 663	2244 086	24,13
58	0,00815644	0,99184356	92 322	753	91 945	2151 423	23,30
59	0,00893714	0,99106286	91 569	818	91 160	2059 478	22,49
60	0,00983124	0,99016876	90 750	892	90 304	1968 318	21,69
61	0,01082143	0,98917857	89 858	972	89 372	1878 014	20,90
62	0,01194124	0,98805876	88 886	1 061	88 355	1788 642	20,12
63	0,01297814	0,98702186	87 825	1 140	87 255	1700 287	19,36
64	0,01425244	0,98574756	86 685	1 235	86 067	1613 032	18,61
65	0,01542111	0,98457889	85 449	1 318	84 790	1526 965	17,87
66	0,01660601	0,98339399	84 132	1 397	83 433	1442 175	17,14
67	0,01799621	0,98200379	82 734	1 489	81 990	1358 742	16,42
68	0,01918012	0,98081988	81 246	1 558	80 466	1276 752	15,71
69	0,02109939	0,97890061	79 687	1 681	78 847	1196 285	15,01
70	0,02230277	0,97769723	78 006	1 740	77 136	1117 439	14,33
71	0,02463940	0,97536060	76 266	1 879	75 327	1040 303	13,64
72	0,02618392	0,97381608	74 387	1 948	73 413	964 976	12,97
73	0,02874623	0,97125377	72 439	2 082	71 398	891 563	12,31
74	0,03108519	0,96891481	70 357	2 187	69 263	820 165	11,66
75	0,03362174	0,96637826	68 170	2 292	67 024	750 902	11,02
76	0,03717284	0,96282716	65 878	2 449	64 653	683 878	10,38
77	0,04069575	0,95930425	63 429	2 581	62 138	619 225	9,76
78	0,04546946	0,95453054	60 848	2 767	59 464	557 086	9,16
79	0,05046754	0,94953246	58 081	2 931	56 615	497 622	8,57
80	0,05642286	0,94357714	55 150	3 112	53 594	441 007	8,00
81	0,06453153	0,93546847	52 038	3 358	50 359	387 413	7,44
82	0,07265536	0,92734464	48 680	3 537	46 912	337 054	6,92
83	0,08146408	0,91853592	45 143	3 678	43 304	290 142	6,43
84	0,09199371	0,90800629	41 466	3 815	39 558	246 838	5,95
85	0,10468035	0,89531965	37 651	3 941	35 680	207 280	5,51
86	0,11770793	0,88229207	33 710	3 968	31 726	171 599	5,09
87	0,13210410	0,86789590	29 742	3 929	27 777	139 874	4,70
88	0,14870369	0,85129631	25 813	3 838	23 894	112 096	4,34
89	0,16511242	0,83488758	21 974	3 628	20 160	88 203	4,01
90	0,18156323	0,81843677	18 346	3 331	16 681	68 043	3,71
91	0,19907849	0,80092151	15 015	2 989	13 521	51 362	3,42
92	0,22537725	0,77462275	12 026	2 710	10 671	37 841	3,15
93	0,24341906	0,75658094	9 316	2 268	8 182	27 171	2,92
94	0,27001486	0,72998514	7 048	1 903	6 096	18 989	2,69
95	0,29012650	0,70987350	5 145	1 493	4 399	12 893	2,51
96	0,32237412	0,67762588	3 652	1 177	3 064	8 494	2,33
97	0,33658486	0,66341514	2 475	833	2 058	5 430	2,19
98	0,36085453	0,63914547	1 642	592	1 346	3 372	2,05
99	0,38380214	0,61619786	1 049	403	848	2 026	1,93
100	0,40606396	0,59393604	647	263	515	1 178	1,82

1 Rohe Beobachtungswerte im Betrachtungszeitraum, ab Alter 98 Schätzwerte eines Extrapolationsmodells.

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Weiblich

Vollendetes Alter in Jahren	Sterbe- wahrscheinlichkeit vom Alter x bis x+1 [1]	Überlebens- wahrscheinlichkeit vom Alter x bis x+1 [1]	Überlebende im Alter x	Gestorbene im Alter x bis unter x+1	Von den Überlebenden im Alter x bis zum Alter x+1 durchlebte	insgesamt noch zu durchlebende Jahre	Durchschnittliche Lebenserwartung im Alter x in Jahren
x	q_x	p_x	l_x	d_x	L_x	T_x	e_x
0	0,00300534	0,99699466	100 000	301	99 741	8326 646	83,27
1	0,00024794	0,99975206	99 699	25	99 687	8226 904	82,52
2	0,00012423	0,99987577	99 675	12	99 669	8127 217	81,54
3	0,00010313	0,99989687	99 662	10	99 657	8027 549	80,55
4	0,00009569	0,99990431	99 652	10	99 647	7927 891	79,56
5	0,00008908	0,99991092	99 643	9	99 638	7828 244	78,56
6	0,00008846	0,99991154	99 634	9	99 629	7728 606	77,57
7	0,00004646	0,99995354	99 625	5	99 623	7628 977	76,58
8	0,00006968	0,99993032	99 620	7	99 617	7529 354	75,58
9	0,00006117	0,99993883	99 613	6	99 610	7429 737	74,59
10	0,00005849	0,99994151	99 607	6	99 604	7330 127	73,59
11	0,00007733	0,99992267	99 601	8	99 598	7230 523	72,59
12	0,00007852	0,99992148	99 594	8	99 590	7130 925	71,60
13	0,00009421	0,99990579	99 586	9	99 581	7031 336	70,61
14	0,00009221	0,99990779	99 576	9	99 572	6931 754	69,61
15	0,00012167	0,99987833	99 567	12	99 561	6832 183	68,62
16	0,00014725	0,99985275	99 555	15	99 548	6732 621	67,63
17	0,00013616	0,99986384	99 541	14	99 534	6633 074	66,64
18	0,00019702	0,99980298	99 527	20	99 517	6533 540	65,65
19	0,00017479	0,99982521	99 507	17	99 499	6434 023	64,66
20	0,00018488	0,99981512	99 490	18	99 481	6334 524	63,67
21	0,00016490	0,99983510	99 472	16	99 463	6235 043	62,68
22	0,00016281	0,99983719	99 455	16	99 447	6135 580	61,69
23	0,00017996	0,99982004	99 439	18	99 430	6036 133	60,70
24	0,00017994	0,99982006	99 421	18	99 412	5936 703	59,71
25	0,00019022	0,99980978	99 403	19	99 394	5837 291	58,72
26	0,00018820	0,99981180	99 384	19	99 375	5737 897	57,73
27	0,00021518	0,99978482	99 366	21	99 355	5638 522	56,75
28	0,00023564	0,99976436	99 344	23	99 332	5539 167	55,76
29	0,00025877	0,99974123	99 321	26	99 308	5439 835	54,77
30	0,00031713	0,99968287	99 295	31	99 279	5340 527	53,78
31	0,00031400	0,99968600	99 264	31	99 248	5241 247	52,80
32	0,00034263	0,99965737	99 232	34	99 215	5141 999	51,82
33	0,00036033	0,99963967	99 198	36	99 181	5042 784	50,84
34	0,00040600	0,99959400	99 163	40	99 143	4943 603	49,85
35	0,00041213	0,99958787	99 122	41	99 102	4844 461	48,87
36	0,00045850	0,99954150	99 082	45	99 059	4745 359	47,89
37	0,00047466	0,99952534	99 036	47	99 013	4646 300	46,92
38	0,00060325	0,99939675	98 989	60	98 959	4547 287	45,94
39	0,00060115	0,99939885	98 929	59	98 900	4448 328	44,96
40	0,00068570	0,99931430	98 870	68	98 836	4349 428	43,99
41	0,00074026	0,99925974	98 802	73	98 766	4250 592	43,02
42	0,00079376	0,99920624	98 729	78	98 690	4151 827	42,05
43	0,00090807	0,99909193	98 651	90	98 606	4053 137	41,09
44	0,00097058	0,99902942	98 561	96	98 513	3954 531	40,12
45	0,00115224	0,99884776	98 465	113	98 409	3856 018	39,16
46	0,00121751	0,99878249	98 352	120	98 292	3757 609	38,21
47	0,00137030	0,99862970	98 232	135	98 165	3659 317	37,25
48	0,00159405	0,99840595	98 098	156	98 019	3561 152	36,30
49	0,00174807	0,99825193	97 941	171	97 856	3463 133	35,36

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Weiblich

Vollendetes Alter in Jahren	Sterbe- wahrscheinlichkeit vom Alter x bis x+1 [1]	Überlebens- wahrscheinlichkeit vom Alter x bis x+1 [1]	Überlebende im Alter x	Gestorbene im Alter x bis unter x+1	Von den Überlebenden im Alter x bis zum Alter x+1 durchlebte insgesamt Jahre	noch zu durchlebende Jahre	Durchschnittliche Lebenserwartung im Alter x in Jahren
x	q_x	p_x	l_x	d_x	L_x	T_x	e_x
50	0,00185320	0,99814680	97 770	181	97 679	3365 277	34,42
51	0,00214270	0,99785730	97 589	209	97 484	3267 598	33,48
52	0,00233297	0,99766703	97 380	227	97 266	3170 114	32,55
53	0,00256767	0,99743233	97 153	249	97 028	3072 847	31,63
54	0,00288870	0,99711130	96 903	280	96 763	2975 820	30,71
55	0,00324545	0,99675455	96 623	314	96 466	2879 057	29,80
56	0,00357696	0,99642304	96 310	344	96 137	2782 590	28,89
57	0,00392413	0,99607587	95 965	377	95 777	2686 453	27,99
58	0,00434941	0,99565059	95 588	416	95 381	2590 676	27,10
59	0,00470636	0,99529364	95 173	448	94 949	2495 295	26,22
60	0,00527596	0,99472404	94 725	500	94 475	2400 347	25,34
61	0,00568588	0,99431412	94 225	536	93 957	2305 872	24,47
62	0,00613444	0,99386556	93 689	575	93 402	2211 915	23,61
63	0,00674890	0,99325110	93 115	628	92 800	2118 513	22,75
64	0,00747267	0,99252733	92 486	691	92 141	2025 712	21,90
65	0,00797044	0,99202956	91 795	732	91 429	1933 572	21,06
66	0,00876211	0,99123789	91 063	798	90 664	1842 142	20,23
67	0,00948222	0,99051778	90 265	856	89 838	1751 478	19,40
68	0,01046567	0,98953433	89 410	936	88 942	1661 640	18,58
69	0,01155460	0,98844540	88 474	1 022	87 963	1572 699	17,78
70	0,01259879	0,98740121	87 452	1 102	86 901	1484 736	16,98
71	0,01370178	0,98629822	86 350	1 183	85 758	1397 835	16,19
72	0,01481358	0,98518642	85 167	1 262	84 536	1312 077	15,41
73	0,01641616	0,98358384	83 905	1 377	83 216	1227 541	14,63
74	0,01784317	0,98215683	82 528	1 473	81 791	1144 325	13,87
75	0,01923138	0,98076862	81 055	1 559	80 276	1062 534	13,11
76	0,02156594	0,97843406	79 496	1 714	78 639	982 258	12,36
77	0,02379649	0,97620351	77 782	1 851	76 856	903 619	11,62
78	0,02744802	0,97255198	75 931	2 084	74 889	826 763	10,89
79	0,03141447	0,96858553	73 847	2 320	72 687	751 874	10,18
80	0,03646149	0,96353851	71 527	2 608	70 223	679 187	9,50
81	0,04267387	0,95732613	68 919	2 941	67 448	608 964	8,84
82	0,04937895	0,95062105	65 978	3 258	64 349	541 516	8,21
83	0,05671146	0,94328854	62 720	3 557	60 941	477 167	7,61
84	0,06516314	0,93483686	59 163	3 855	57 235	416 225	7,04
85	0,07612466	0,92387534	55 308	4 210	53 203	358 990	6,49
86	0,08718000	0,91282000	51 097	4 455	48 870	305 787	5,98
87	0,09994549	0,90005451	46 643	4 662	44 312	256 917	5,51
88	0,11420199	0,88579801	41 981	4 794	39 584	212 605	5,06
89	0,12951794	0,87048206	37 187	4 816	34 779	173 021	4,65
90	0,14747610	0,85252390	32 370	4 774	29 983	138 243	4,27
91	0,16763449	0,83236551	27 597	4 626	25 283	108 259	3,92
92	0,18750180	0,81249820	22 970	4 307	20 817	82 976	3,61
93	0,20897427	0,79102573	18 663	3 900	16 713	62 159	3,33
94	0,23016524	0,76983476	14 763	3 398	13 064	45 446	3,08
95	0,25277699	0,74722301	11 365	2 873	9 929	32 381	2,85
96	0,28565289	0,71434711	8 492	2 426	7 279	22 453	2,64
97	0,29901856	0,70098144	6 067	1 814	5 160	15 173	2,50
98	0,31311811	0,68688189	4 253	1 332	3 587	10 014	2,35
99	0,33696577	0,66303423	2 921	984	2 429	6 427	2,20
100	0,35983078	0,64016922	1 937	697	1 588	3 998	2,06

1 Rohe Beobachtungswerte im Betrachtungszeitraum, ab Alter 99 Schätzwerte eines Extrapolationsmodells.

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

Notation

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

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 1 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	5 447 297,446	54,473	54,013	0	100 000	100 000,000	5 671 003,350	56,710	56,250
1	99 644	98 657,202	5 347 297,446	54,201	53,741	1	99 699	98 712,342	5 571 003,350	56,437	55,977
2	99 616	97 653,397	5 248 640,244	53,748	53,288	2	99 675	97 710,760	5 472 291,008	56,005	55,545
3	99 601	96 671,438	5 150 986,847	53,283	52,823	3	99 662	96 731,309	5 374 580,248	55,562	55,102
4	99 590	95 703,868	5 054 315,408	52,812	52,352	4	99 652	95 763,696	5 277 848,939	55,113	54,653
5	99 579	94 746,210	4 958 611,540	52,336	51,876	5	99 643	94 806,468	5 182 085,243	54,660	54,200
6	99 569	93 798,705	4 863 865,330	51,854	51,394	6	99 634	93 859,428	5 087 278,775	54,201	53,741
7	99 560	92 861,563	4 770 066,625	51,368	50,908	7	99 625	92 921,907	4 993 419,346	53,738	53,278
8	99 552	91 934,222	4 677 205,062	50,876	50,416	8	99 620	91 997,614	4 900 497,440	53,268	52,808
9	99 543	91 016,198	4 585 270,840	50,379	49,919	9	99 613	91 080,399	4 808 499,826	52,794	52,334
10	99 535	90 107,837	4 494 254,642	49,876	49,416	10	99 607	90 173,096	4 717 419,427	52,315	51,855
11	99 527	89 208,611	4 404 146,805	49,369	48,909	11	99 601	89 275,071	4 627 246,331	51,831	51,371
12	99 520	88 318,522	4 314 938,194	48,857	48,397	12	99 594	88 384,324	4 537 971,260	51,344	50,884
13	99 513	87 438,061	4 226 619,673	48,338	47,878	13	99 586	87 502,360	4 449 586,936	50,851	50,391
14	99 503	86 564,037	4 139 181,611	47,816	47,356	14	99 576	86 627,838	4 362 084,575	50,354	49,894
15	99 490	85 695,340	4 052 617,575	47,291	46,831	15	99 567	85 762,228	4 275 456,737	49,852	49,392
16	99 474	84 833,307	3 966 922,235	46,761	46,301	16	99 555	84 902,766	4 189 694,509	49,347	48,887
17	99 449	83 972,587	3 882 088,928	46,230	45,770	17	99 541	84 049,767	4 104 791,743	48,838	48,378
18	99 422	83 118,332	3 798 116,341	45,695	45,235	18	99 527	83 206,260	4 020 741,976	48,323	47,863
19	99 384	82 263,845	3 714 998,009	45,160	44,700	19	99 507	82 366,205	3 937 535,716	47,805	47,345
20	99 344	81 416,961	3 632 734,164	44,619	44,159	20	99 490	81 536,443	3 855 169,512	47,282	46,822
21	99 301	80 576,042	3 551 317,203	44,074	43,614	21	99 472	80 714,227	3 773 633,068	46,753	46,293
22	99 261	79 745,929	3 470 741,160	43,522	43,063	22	99 455	79 901,898	3 692 918,841	46,218	45,758
23	99 216	78 920,546	3 390 995,231	42,967	42,507	23	99 439	79 097,910	3 613 016,943	45,678	45,218
24	99 175	78 107,153	3 312 074,686	42,404	41,944	24	99 421	78 300,669	3 533 919,033	45,133	44,673
25	99 128	77 297,092	3 233 967,533	41,838	41,378	25	99 403	77 511,465	3 455 618,364	44,582	44,122
26	99 085	76 498,260	3 156 670,440	41,265	40,805	26	99 384	76 729,426	3 378 106,899	44,026	43,566
27	99 039	75 706,097	3 080 172,181	40,686	40,226	27	99 366	75 955,432	3 301 377,473	43,465	43,005
28	98 994	74 921,914	3 004 466,084	40,101	39,641	28	99 344	75 187,215	3 225 422,041	42,899	42,439
29	98 946	74 144,146	2 929 544,170	39,511	39,051	29	99 321	74 425,245	3 150 234,826	42,328	41,868
30	98 894	73 371,752	2 855 400,024	38,917	38,457	30	99 295	73 669,294	3 075 809,581	41,752	41,292
31	98 839	72 604,516	2 782 028,272	38,318	37,858	31	99 264	72 916,763	3 002 140,287	41,172	40,712
32	98 778	71 841,387	2 709 423,756	37,714	37,254	32	99 232	72 172,146	2 929 223,524	40,587	40,127
33	98 715	71 084,989	2 637 582,369	37,105	36,645	33	99 198	71 433,087	2 857 051,378	39,996	39,536
34	98 643	70 329,681	2 566 497,380	36,492	36,032	34	99 163	70 700,344	2 785 618,291	39,400	38,940
35	98 567	69 579,762	2 496 167,699	35,875	35,415	35	99 122	69 971,920	2 714 917,947	38,800	38,340
36	98 488	68 835,586	2 426 587,937	35,252	34,792	36	99 082	69 250,577	2 644 946,027	38,194	37,734
37	98 403	68 095,469	2 357 752,351	34,624	34,164	37	99 036	68 533,491	2 575 695,450	37,583	37,123
38	98 307	67 355,195	2 289 656,883	33,994	33,534	38	98 989	67 822,733	2 507 161,959	36,966	36,506
39	98 202	66 617,110	2 222 301,688	33,359	32,899	39	98 929	67 110,712	2 439 339,226	36,348	35,888
40	98 092	65 884,060	2 155 684,578	32,719	32,259	40	98 870	66 406,306	2 372 228,514	35,723	35,263
41	97 971	65 151,002	2 089 800,518	32,076	31,616	41	98 802	65 703,734	2 305 822,208	35,094	34,634
42	97 840	64 419,905	2 024 649,515	31,429	30,969	42	98 729	65 005,045	2 240 118,474	34,461	34,001
43	97 699	63 690,190	1 960 229,610	30,778	30,318	43	98 651	64 310,344	2 175 113,429	33,822	33,362
44	97 549	62 962,498	1 896 539,420	30,122	29,662	44	98 561	63 615,788	2 110 803,085	33,180	32,721
45	97 374	62 227,022	1 833 576,922	29,466	29,006	45	98 465	62 924,796	2 047 187,298	32,534	32,074
46	97 183	61 490,235	1 771 349,900	28,807	28,347	46	98 352	62 229,992	1 984 262,502	31,886	31,426
47	96 971	60 748,751	1 709 859,665	28,146	27,686	47	98 232	61 538,837	1 922 032,510	31,233	30,773
48	96 741	60 004,855	1 649 110,914	27,483	27,023	48	98 098	60 846,050	1 860 493,673	30,577	30,117
49	96 484	59 252,981	1 589 106,059	26,819	26,359	49	97 941	60 147,583	1 799 647,623	29,921	29,461

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 1 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	58 492,006	1 529 853,078	26,155	25,695	50	97 770	59 447,961	1 739 500,040	29,261	28,801
51	95 878	57 720,362	1 471 361,072	25,491	25,031	51	97 589	58 750,289	1 680 052,080	28,596	28,137
52	95 523	56 937,309	1 413 640,710	24,828	24,368	52	97 380	58 043,965	1 621 301,791	27,932	27,472
53	95 128	56 140,146	1 356 703,401	24,166	23,706	53	97 153	57 335,199	1 563 257,826	27,265	26,805
54	94 681	55 323,202	1 300 563,255	23,508	23,048	54	96 903	56 621,763	1 505 922,627	26,596	26,136
55	94 177	54 484,247	1 245 240,053	22,855	22,395	55	96 623	55 899,208	1 449 300,864	25,927	25,467
56	93 621	53 625,846	1 190 755,807	22,205	21,745	56	96 310	55 166,128	1 393 401,657	25,258	24,798
57	93 004	52 745,141	1 137 129,961	21,559	21,099	57	95 965	54 424,556	1 338 235,528	24,589	24,129
58	92 322	51 839,997	1 084 384,820	20,918	20,458	58	95 588	53 674,244	1 283 810,972	23,919	23,459
59	91 569	50 908,086	1 032 544,823	20,283	19,823	59	95 173	52 911,676	1 230 136,728	23,249	22,789
60	90 750	49 953,577	981 636,737	19,651	19,191	60	94 725	52 141,242	1 177 225,052	22,578	22,118
61	89 858	48 972,744	931 683,160	19,025	18,565	61	94 225	51 352,621	1 125 083,810	21,909	21,449
62	88 886	47 963,158	882 710,416	18,404	17,944	62	93 689	50 555,085	1 073 731,189	21,239	20,779
63	87 825	46 921,206	834 747,258	17,790	17,330	63	93 115	49 747,483	1 023 176,103	20,567	20,107
64	86 685	45 853,719	787 826,052	17,181	16,721	64	92 486	48 922,517	973 428,620	19,897	19,437
65	85 449	44 752,664	741 972,334	16,579	16,119	65	91 795	48 076,174	924 506,102	19,230	18,770
66	84 132	43 626,266	697 219,669	15,982	15,522	66	91 063	47 220,778	876 429,929	18,560	18,100
67	82 734	42 477,037	653 593,403	15,387	14,927	67	90 265	46 343,588	829 209,151	17,893	17,433
68	81 246	41 299,615	611 116,366	14,797	14,337	68	89 410	45 449,652	782 865,563	17,225	16,765
69	79 687	40 106,420	569 816,750	14,208	13,748	69	88 474	44 528,703	737 415,911	16,560	16,100
70	78 006	38 871,484	529 710,331	13,627	13,167	70	87 452	43 578,408	692 887,208	15,900	15,440
71	76 266	37 628,260	490 838,847	13,044	12,584	71	86 350	42 603,339	649 308,800	15,241	14,781
72	74 387	36 337,744	453 210,587	12,472	12,012	72	85 167	41 603,562	606 705,460	14,583	14,123
73	72 439	35 035,921	416 872,843	11,898	11,438	73	83 905	40 581,450	565 101,898	13,925	13,465
74	70 357	33 691,852	381 836,922	11,333	10,873	74	82 528	39 520,057	524 520,449	13,272	12,812
75	68 170	32 321,321	348 145,071	10,771	10,311	75	81 055	38 430,588	485 000,391	12,620	12,160
76	65 878	30 925,368	315 823,750	10,212	9,752	76	79 496	37 318,332	446 569,803	11,966	11,507
77	63 429	29 480,974	284 898,382	9,664	9,204	77	77 782	36 152,007	409 251,471	11,320	10,860
78	60 848	28 001,212	255 417,408	9,122	8,662	78	75 931	34 942,293	373 099,464	10,678	10,218
79	58 081	26 463,378	227 416,196	8,594	8,134	79	73 847	33 646,729	338 157,171	10,050	9,590
80	55 150	24 879,046	200 952,818	8,077	7,617	80	71 527	32 267,064	304 510,442	9,437	8,977
81	52 038	23 242,870	176 073,772	7,575	7,115	81	68 919	30 782,732	272 243,377	8,844	8,384
82	48 680	21 527,695	152 830,901	7,099	6,639	82	65 978	29 177,340	241 460,646	8,276	7,816
83	45 143	19 765,934	131 303,206	6,643	6,183	83	62 720	27 461,974	212 283,306	7,730	7,270
84	41 466	17 975,960	111 537,272	6,205	5,745	84	59 163	25 648,085	184 821,332	7,206	6,746
85	37 651	16 160,678	93 561,312	5,789	5,329	85	55 308	23 739,381	159 173,247	6,705	6,245
86	33 710	14 325,716	77 400,634	5,403	4,943	86	51 097	21 715,078	135 433,866	6,237	5,777
87	29 742	12 514,322	63 074,918	5,040	4,580	87	46 643	19 625,701	113 718,788	5,794	5,334
88	25 813	10 753,593	50 560,596	4,702	4,242	88	41 981	17 489,307	94 093,087	5,380	4,920
89	21 974	9 063,855	39 807,003	4,392	3,932	89	37 187	15 338,607	76 603,780	4,994	4,534
90	18 346	7 492,377	30 743,147	4,103	3,643	90	32 370	13 219,785	61 265,173	4,634	4,174
91	15 015	6 071,323	23 250,771	3,830	3,370	91	27 597	11 158,596	48 045,388	4,306	3,846
92	12 026	4 814,508	17 179,448	3,568	3,108	92	22 970	9 196,070	36 886,792	4,011	3,551
93	9 316	3 692,503	12 364,939	3,349	2,889	93	18 663	7 397,812	27 690,721	3,743	3,283
94	7 048	2 766,017	8 672,437	3,135	2,675	94	14 763	5 793,921	20 292,909	3,502	3,042
95	5 145	1 999,160	5 906,420	2,954	2,494	95	11 365	4 416,200	14 498,989	3,283	2,823
96	3 652	1 405,099	3 907,260	2,781	2,321	96	8 492	3 267,214	10 082,789	3,086	2,626
97	2 475	942,705	2 502,161	2,654	2,194	97	6 067	2 310,817	6 815,575	2,949	2,489
98	1 642	619,212	1 559,456	2,518	2,058	98	4 253	1 603,801	4 504,759	2,809	2,349
99	1 049	391,848	940,243	2,400	1,940	99	2 921	1 090,715	2 900,957	2,660	2,200
100	647	239,065	548,395	2,294	1,834	100	1 937	716,021	1 810,242	2,528	2,068

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 1,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	5 010 734,207	50,107	49,647	0	100 000	100 000,000	5 196 521,083	51,965	51,505
1	99 644	98 413,604	4 910 734,207	49,899	49,439	1	99 699	98 468,608	5 096 521,083	51,758	51,297
2	99 616	97 171,754	4 812 320,603	49,524	49,063	2	99 675	97 228,833	4 998 052,475	51,405	50,945
3	99 601	95 957,120	4 715 148,849	49,138	48,678	3	99 662	96 016,548	4 900 823,642	51,041	50,581
4	99 590	94 762,140	4 619 191,729	48,745	48,285	4	99 652	94 821,379	4 804 807,094	50,672	50,212
5	99 579	93 582,266	4 524 429,589	48,347	47,887	5	99 643	93 641,784	4 709 985,715	50,298	49,838
6	99 569	92 417,645	4 430 847,323	47,944	47,483	6	99 634	92 477,474	4 616 343,931	49,919	49,458
7	99 560	91 268,388	4 338 429,679	47,535	47,074	7	99 625	91 327,697	4 523 866,457	49,534	49,074
8	99 552	90 133,854	4 247 161,290	47,121	46,660	8	99 620	90 196,004	4 432 538,761	49,143	48,683
9	99 543	89 013,477	4 157 027,437	46,701	46,241	9	99 613	89 076,265	4 342 342,756	48,749	48,288
10	99 535	87 907,511	4 068 013,960	46,276	45,816	10	99 607	87 971,177	4 253 266,491	48,348	47,888
11	99 527	86 815,354	3 980 106,449	45,846	45,385	11	99 601	86 880,031	4 165 295,314	47,943	47,483
12	99 520	85 736,923	3 893 291,095	45,410	44,949	12	99 594	85 800,802	4 078 415,284	47,534	47,073
13	99 513	84 672,613	3 807 554,172	44,968	44,508	13	99 586	84 734,879	3 992 614,481	47,119	46,659
14	99 503	83 619,254	3 722 881,559	44,522	44,061	14	99 576	83 680,885	3 907 879,602	46,700	46,239
15	99 490	82 575,713	3 639 262,305	44,072	43,611	15	99 567	82 640,167	3 824 198,718	46,275	45,815
16	99 474	81 543,222	3 556 686,592	43,617	43,157	16	99 555	81 609,987	3 741 558,551	45,847	45,386
17	99 449	80 516,585	3 475 143,370	43,161	42,700	17	99 541	80 590,588	3 659 948,564	45,414	44,954
18	99 422	79 500,704	3 394 626,785	42,699	42,239	18	99 527	79 584,805	3 579 357,976	44,975	44,515
19	99 384	78 489,127	3 315 126,081	42,237	41,776	19	99 507	78 586,790	3 499 773,171	44,534	44,073
20	99 344	77 489,298	3 236 636,954	41,769	41,308	20	99 490	77 603,016	3 421 186,381	44,086	43,625
21	99 301	76 499,591	3 159 147,656	41,296	40,836	21	99 472	76 630,784	3 343 583,365	43,632	43,172
22	99 261	75 524,532	3 082 648,065	40,817	40,356	22	99 455	75 672,245	3 266 952,580	43,172	42,712
23	99 216	74 558,291	3 007 123,533	40,333	39,872	23	99 439	74 725,852	3 191 280,335	42,707	42,246
24	99 175	73 607,660	2 932 565,242	39,840	39,380	24	99 421	73 790,028	3 116 554,484	42,235	41,775
25	99 128	72 664,402	2 858 957,582	39,345	38,884	25	99 403	72 865,927	3 042 764,455	41,758	41,298
26	99 085	71 735,882	2 786 293,180	38,841	38,381	26	99 384	71 952,658	2 969 898,529	41,276	40,815
27	99 039	70 817,744	2 714 557,297	38,332	37,871	27	99 366	71 050,979	2 897 945,871	40,787	40,326
28	98 994	69 911,149	2 643 739,554	37,816	37,355	28	99 344	70 158,706	2 826 894,892	40,293	39,832
29	98 946	69 014,570	2 573 828,405	37,294	36,834	29	99 321	69 276,221	2 756 736,185	39,793	39,333
30	98 894	68 126,981	2 504 813,835	36,767	36,306	30	99 295	68 403,254	2 687 459,964	39,288	38,828
31	98 839	67 248,133	2 436 686,855	36,234	35,774	31	99 264	67 537,345	2 619 056,710	38,779	38,319
32	98 778	66 377,004	2 369 438,721	35,697	35,236	32	99 232	66 682,605	2 551 519,366	38,264	37,803
33	98 715	65 515,971	2 303 061,717	35,153	34,692	33	99 198	65 836,798	2 484 836,760	37,742	37,282
34	98 643	64 659,787	2 237 545,745	34,605	34,145	34	99 163	65 000,568	2 418 999,963	37,215	36,755
35	98 567	63 812,374	2 172 885,958	34,051	33,591	35	99 122	64 172,027	2 353 999,395	36,683	36,222
36	98 488	62 974,006	2 109 073,584	33,491	33,031	36	99 082	63 353,659	2 289 827,367	36,144	35,683
37	98 403	62 143,093	2 046 099,578	32,926	32,465	37	99 036	62 542,826	2 226 473,708	35,599	35,139
38	98 307	61 315,756	1 983 956,485	32,356	31,896	38	98 989	61 741,373	2 163 930,882	35,048	34,588
39	98 202	60 494,114	1 922 640,729	31,782	31,322	39	98 929	60 942,348	2 102 189,509	34,495	34,034
40	98 092	59 680,717	1 862 146,615	31,202	30,741	40	98 870	60 153,790	2 041 247,161	33,934	33,473
41	97 971	58 870,960	1 802 465,898	30,617	30,157	41	98 802	59 370,413	1 981 093,371	33,368	32,908
42	97 840	58 066,606	1 743 594,938	30,027	29,567	42	98 729	58 594,038	1 921 722,959	32,797	32,337
43	97 699	57 267,107	1 685 528,332	29,433	28,972	43	98 651	57 824,719	1 863 128,921	32,220	31,760
44	97 549	56 473,018	1 628 261,224	28,833	28,372	44	98 561	57 058,973	1 805 304,202	31,639	31,179
45	97 374	55 675,535	1 571 788,207	28,231	27,771	45	98 465	56 299,845	1 748 245,229	31,052	30,592
46	97 183	54 880,478	1 516 112,671	27,626	27,165	46	98 352	55 540,715	1 691 945,384	30,463	30,003
47	96 971	54 084,824	1 461 232,194	27,017	26,557	47	98 232	54 788,241	1 636 404,668	29,868	29,407
48	96 741	53 290,623	1 407 147,370	26,405	25,945	48	98 098	54 037,693	1 581 616,428	29,269	28,808
49	96 484	52 492,948	1 353 856,746	25,791	25,331	49	97 941	53 285,486	1 527 578,734	28,668	28,207

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 1,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	51 690,842	1 301 363,799	25,176	24,716	50	97 770	52 535,643	1 474 293,248	28,063	27,602
51	95 878	50 882,974	1 249 672,957	24,560	24,099	51	97 589	51 790,898	1 421 757,605	27,452	26,991
52	95 523	50 068,746	1 198 789,983	23,943	23,482	52	97 380	51 041,902	1 369 966,707	26,840	26,380
53	95 128	49 245,852	1 148 721,237	23,326	22,866	53	97 153	50 294,146	1 318 924,805	26,224	25,764
54	94 681	48 409,408	1 099 475,385	22,712	22,252	54	96 903	49 545,686	1 268 630,658	25,605	25,145
55	94 177	47 557,581	1 051 065,977	22,101	21,641	55	96 623	48 792,656	1 219 084,972	24,985	24,525
56	93 621	46 692,734	1 003 508,396	21,492	21,031	56	96 310	48 033,878	1 170 292,316	24,364	23,904
57	93 004	45 812,495	956 815,662	20,885	20,425	57	95 965	47 271,173	1 122 258,438	23,741	23,280
58	92 322	44 915,144	911 003,167	20,283	19,822	58	95 588	46 504,370	1 074 987,265	23,116	22,655
59	91 569	43 998,811	866 088,023	19,684	19,224	59	95 173	45 730,473	1 028 482,894	22,490	22,030
60	90 750	43 067,247	822 089,213	19,089	18,628	60	94 725	44 953,332	982 752,422	21,862	21,401
61	89 858	42 117,375	779 021,966	18,496	18,036	61	94 225	44 164,109	937 799,090	21,234	20,774
62	88 886	41 147,264	736 904,591	17,909	17,449	62	93 689	43 370,861	893 634,981	20,605	20,144
63	87 825	40 153,990	695 757,327	17,327	16,867	63	93 115	42 572,647	850 264,120	19,972	19,512
64	86 685	39 143,571	655 603,337	16,749	16,288	64	92 486	41 763,288	807 691,473	19,340	18,879
65	85 449	38 109,313	616 459,766	16,176	15,716	65	91 795	40 939,461	765 928,185	18,709	18,248
66	84 132	37 058,395	578 350,453	15,606	15,146	66	91 063	40 111,758	724 988,724	18,074	17,614
67	82 734	35 993,089	541 292,058	15,039	14,578	67	90 265	39 269,427	684 876,966	17,440	16,980
68	81 246	34 908,988	505 298,968	14,475	14,014	68	89 410	38 416,855	645 607,539	16,805	16,345
69	79 687	33 816,720	470 389,980	13,910	13,450	69	88 474	37 545,478	607 190,684	16,172	15,712
70	78 006	32 694,527	436 573,260	13,353	12,893	70	87 452	36 653,487	569 645,206	15,541	15,081
71	76 266	31 570,714	403 878,734	12,793	12,332	71	86 350	35 744,886	532 991,719	14,911	14,451
72	74 387	30 412,672	372 308,020	12,242	11,781	72	85 167	34 819,869	497 246,833	14,281	13,820
73	72 439	29 250,715	341 895,347	11,688	11,228	73	83 905	33 880,555	462 426,964	13,649	13,188
74	70 357	28 059,129	312 644,632	11,142	10,682	74	82 528	32 912,954	428 546,409	13,021	12,560
75	68 170	26 851,264	284 585,503	10,599	10,138	75	81 055	31 926,600	395 633,455	12,392	11,932
76	65 878	25 628,127	257 734,239	10,057	9,596	76	79 496	30 926,032	363 706,855	11,761	11,300
77	63 429	24 370,821	232 106,112	9,524	9,064	77	77 782	29 885,515	332 780,822	11,135	10,675
78	60 848	23 090,402	207 735,291	8,997	8,536	78	75 931	28 814,167	302 895,308	10,512	10,052
79	58 081	21 768,389	184 644,889	8,482	8,022	79	73 847	27 677,309	274 081,140	9,903	9,442
80	55 150	20 414,609	162 876,500	7,978	7,518	80	71 527	26 476,880	246 403,831	9,306	8,846
81	52 038	19 024,947	142 461,891	7,488	7,028	81	68 919	25 196,537	219 926,951	8,728	8,268
82	48 680	17 577,519	123 436,944	7,022	6,562	82	65 978	23 823,509	194 730,415	8,174	7,713
83	45 143	16 099,178	105 859,425	6,575	6,115	83	62 720	22 367,535	170 906,905	7,641	7,180
84	41 466	14 605,110	89 760,247	6,146	5,685	84	59 163	20 838,558	148 539,370	7,128	6,668
85	37 651	13 097,809	75 155,137	5,738	5,278	85	55 308	19 240,150	127 700,813	6,637	6,177
86	33 710	11 581,951	62 057,328	5,358	4,898	86	51 097	17 556,049	108 460,662	6,178	5,718
87	29 742	10 092,507	50 475,377	5,001	4,541	87	46 643	15 827,667	90 904,613	5,743	5,283
88	25 813	8 651,107	40 382,870	4,668	4,208	88	41 981	14 069,890	75 076,946	5,336	4,876
89	21 974	7 273,734	31 731,763	4,363	3,902	89	37 187	12 309,215	61 007,056	4,956	4,496
90	18 346	5 997,778	24 458,029	4,078	3,617	90	32 370	10 582,668	48 697,841	4,602	4,141
91	15 015	4 848,199	18 460,251	3,808	3,347	91	27 597	8 910,595	38 115,173	4,278	3,817
92	12 026	3 835,089	13 612,052	3,549	3,089	92	22 970	7 325,305	29 204,579	3,987	3,526
93	9 316	2 934,071	9 776,963	3,332	2,872	93	18 663	5 878,318	21 879,274	3,722	3,262
94	7 048	2 192,456	6 842,892	3,121	2,661	94	14 763	4 592,495	16 000,955	3,484	3,024
95	5 145	1 580,702	4 650,436	2,942	2,482	95	11 365	3 491,815	11 408,460	3,267	2,807
96	3 652	1 108,245	3 069,734	2,770	2,310	96	8 492	2 576,952	7 916,646	3,072	2,612
97	2 475	741,704	1 961,489	2,645	2,184	97	6 067	1 818,112	5 339,694	2,937	2,477
98	1 642	485,983	1 219,784	2,510	2,050	98	4 253	1 258,729	3 521,582	2,798	2,337
99	1 049	306,779	733,801	2,392	1,932	99	2 921	853,924	2 262,853	2,650	2,190
100	647	186,703	427,022	2,287	1,827	100	1 937	559,191	1 408,929	2,520	2,059

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 1,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	4 625 415,740	46,254	45,793	0	100 000	100 000,000	4 780 001,305	47,800	47,339
1	99 644	98 171,205	4 525 415,740	46,097	45,636	1	99 699	98 226,075	4 680 001,305	47,645	47,184
2	99 616	96 693,665	4 427 244,535	45,786	45,325	2	99 675	96 750,463	4 581 775,230	47,357	46,896
3	99 601	95 249,822	4 330 550,870	45,465	45,004	3	99 662	95 308,812	4 485 024,767	47,058	46,597
4	99 590	93 831,966	4 235 301,048	45,137	44,676	4	99 652	93 890,624	4 389 715,954	46,754	46,293
5	99 579	92 435,438	4 141 469,081	44,804	44,343	5	99 643	92 494,227	4 295 825,330	46,444	45,983
6	99 569	91 060,249	4 049 033,643	44,465	44,005	6	99 634	91 119,199	4 203 331,104	46,130	45,669
7	99 560	89 706,375	3 957 973,394	44,121	43,661	7	99 625	89 764,669	4 112 211,904	45,811	45,350
8	99 552	88 373,052	3 868 267,019	43,772	43,311	8	99 620	88 433,989	4 022 447,236	45,485	45,025
9	99 543	87 059,601	3 779 893,966	43,417	42,957	9	99 613	87 121,011	3 934 013,247	45,156	44,695
10	99 535	85 766,143	3 692 834,365	43,057	42,596	10	99 607	85 828,258	3 846 892,236	44,821	44,360
11	99 527	84 491,968	3 607 068,222	42,691	42,230	11	99 601	84 554,914	3 761 063,978	44,481	44,020
12	99 520	83 236,875	3 522 576,254	42,320	41,859	12	99 594	83 298,892	3 676 509,064	44,136	43,676
13	99 513	82 001,128	3 439 339,379	41,943	41,482	13	99 586	82 061,430	3 593 210,172	43,787	43,326
14	99 503	80 781,543	3 357 338,250	41,561	41,100	14	99 576	80 841,082	3 511 148,742	43,433	42,972
15	99 490	79 576,930	3 276 556,708	41,175	40,714	15	99 567	79 639,042	3 430 307,660	43,073	42,612
16	99 474	78 388,382	3 196 979,778	40,784	40,323	16	99 555	78 452,564	3 350 668,618	42,709	42,249
17	99 449	77 210,821	3 118 591,396	40,391	39,930	17	99 541	77 281,786	3 272 216,053	42,341	41,881
18	99 422	76 048,874	3 041 380,575	39,992	39,532	18	99 527	76 129,323	3 194 934,268	41,967	41,506
19	99 384	74 896,289	2 965 331,701	39,593	39,132	19	99 507	74 989,482	3 118 804,945	41,590	41,129
20	99 344	73 760,104	2 890 435,412	39,187	38,726	20	99 490	73 868,349	3 043 815,463	41,206	40,745
21	99 301	72 638,672	2 816 675,308	38,777	38,316	21	99 472	72 763,244	2 969 947,113	40,817	40,356
22	99 261	71 536,192	2 744 036,636	38,359	37,898	22	99 455	71 676,104	2 897 183,869	40,420	39,960
23	99 216	70 447,033	2 672 500,445	37,936	37,476	23	99 439	70 605,354	2 825 507,765	40,018	39,558
24	99 175	69 377,519	2 602 053,412	37,506	37,045	24	99 421	69 549,407	2 754 902,411	39,611	39,150
25	99 128	68 319,778	2 532 675,893	37,071	36,610	25	99 403	68 509,253	2 685 353,005	39,197	38,736
26	99 085	67 280,650	2 464 356,115	36,628	36,167	26	99 384	67 483,962	2 616 843,751	38,777	38,316
27	99 039	66 255,938	2 397 075,466	36,179	35,718	27	99 366	66 474,149	2 549 359,790	38,351	37,890
28	98 994	65 246,639	2 330 819,528	35,723	35,262	28	99 344	65 477,680	2 482 885,640	37,920	37,459
29	98 946	64 251,236	2 265 572,888	35,261	34,800	29	99 321	64 494,828	2 417 407,961	37,482	37,021
30	98 894	63 268,689	2 201 321,653	34,793	34,332	30	99 295	63 525,260	2 352 913,132	37,039	36,578
31	98 839	62 298,690	2 138 052,964	34,319	33,859	31	99 264	62 566,615	2 289 387,873	36,591	36,130
32	98 778	61 340,218	2 075 754,275	33,840	33,379	32	99 232	61 622,630	2 226 821,257	36,136	35,676
33	98 715	60 395,397	2 014 414,056	33,354	32,893	33	99 198	60 691,149	2 165 198,628	35,676	35,215
34	98 643	59 459,318	1 954 018,659	32,863	32,402	34	99 163	59 772,689	2 104 507,479	35,209	34,748
35	98 567	58 535,528	1 894 559,341	32,366	31,905	35	99 122	58 865,440	2 044 734,790	34,736	34,275
36	98 488	57 624,205	1 836 023,813	31,862	31,401	36	99 082	57 971,606	1 985 869,349	34,256	33,795
37	98 403	56 723,821	1 778 399,608	31,352	30,891	37	99 036	57 088,696	1 927 897,743	33,770	33,309
38	98 307	55 830,780	1 721 675,787	30,837	30,377	38	98 989	56 218,323	1 870 809,047	33,278	32,817
39	98 202	54 946,966	1 665 845,007	30,317	29,857	39	98 929	55 354,098	1 814 590,725	32,782	32,321
40	98 092	54 074,637	1 610 898,041	29,790	29,329	40	98 870	54 503,273	1 759 236,627	32,278	31,817
41	97 971	53 209,563	1 556 823,403	29,258	28,798	41	98 802	53 660,985	1 704 733,354	31,769	31,308
42	97 840	52 353,293	1 503 613,840	28,721	28,260	42	98 729	52 828,830	1 651 072,369	31,253	30,792
43	97 699	51 505,286	1 451 260,547	28,177	27,716	43	98 651	52 006,794	1 598 243,539	30,731	30,271
44	97 549	50 665,991	1 399 755,261	27,627	27,166	44	98 561	51 191,693	1 546 236,744	30,205	29,744
45	97 374	49 827,481	1 349 089,270	27,075	26,614	45	98 465	50 386,215	1 495 045,051	29,672	29,211
46	97 183	48 994,960	1 299 261,789	26,518	26,057	46	98 352	49 584,392	1 444 658,836	29,135	28,675
47	96 971	48 165,706	1 250 266,829	25,958	25,497	47	98 232	48 792,140	1 395 074,444	28,592	28,131
48	96 741	47 341,531	1 202 101,123	25,392	24,931	48	98 098	48 005,202	1 346 282,304	28,045	27,584
49	96 484	46 518,045	1 154 759,591	24,824	24,363	49	97 941	47 220,374	1 298 277,102	27,494	27,033

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 1,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	45 694,412	1 108 241,547	24,253	23,793	50	97 770	46 441,211	1 251 056,728	26,939	26,478
51	95 878	44 869,472	1 062 547,135	23,681	23,220	51	97 589	45 670,095	1 204 615,516	26,376	25,916
52	95 523	44 042,725	1 017 677,663	23,107	22,646	52	97 380	44 898,756	1 158 945,422	25,812	25,352
53	95 128	43 212,173	973 634,939	22,531	22,071	53	97 153	44 132,029	1 114 046,665	25,243	24,783
54	94 681	42 373,585	930 422,766	21,958	21,497	54	96 903	43 368,189	1 069 914,636	24,670	24,210
55	94 177	41 525,434	888 049,181	21,386	20,925	55	96 623	42 603,854	1 026 546,447	24,095	23,634
56	93 621	40 669,864	846 523,746	20,815	20,354	56	96 310	41 838,015	983 942,593	23,518	23,057
57	93 004	39 804,883	805 853,882	20,245	19,784	57	95 965	41 072,278	942 104,578	22,938	22,477
58	92 322	38 929,085	766 048,999	19,678	19,217	58	95 588	40 306,507	901 032,300	22,355	21,894
59	91 569	38 040,948	727 119,914	19,114	18,653	59	95 173	39 538,126	860 725,793	21,770	21,309
60	90 750	37 143,813	689 078,966	18,552	18,091	60	94 725	38 770,488	821 187,667	21,181	20,720
61	89 858	36 235,117	651 935,153	17,992	17,531	61	94 225	37 995,996	782 417,179	20,592	20,131
62	88 886	35 313,301	615 700,036	17,435	16,975	62	93 689	37 221,631	744 421,183	20,000	19,539
63	87 825	34 375,977	580 386,735	16,883	16,423	63	93 115	36 446,598	707 199,551	19,404	18,943
64	86 685	33 428,415	546 010,758	16,334	15,873	64	92 486	35 665,639	670 752,953	18,807	18,346
65	85 449	32 465,003	512 582,343	15,789	15,328	65	91 795	34 875,982	635 087,313	18,210	17,749
66	84 132	31 491,977	480 117,340	15,246	14,785	66	91 063	34 086,705	600 211,331	17,608	17,148
67	82 734	30 511,351	448 625,363	14,704	14,243	67	90 265	33 288,703	566 124,627	17,007	16,546
68	81 246	29 519,470	418 114,013	14,164	13,703	68	89 410	32 485,765	532 835,924	16,402	15,941
69	79 687	28 525,402	388 594,543	13,623	13,162	69	88 474	31 670,719	500 350,159	15,799	15,338
70	78 006	27 510,870	360 069,141	13,088	12,627	70	87 452	30 842,145	468 679,440	15,196	14,735
71	76 266	26 499,805	332 558,271	12,549	12,089	71	86 350	30 003,518	437 837,295	14,593	14,132
72	74 387	25 464,892	306 058,467	12,019	11,558	72	85 167	29 155,090	407 833,777	13,988	13,528
73	72 439	24 431,647	280 593,575	11,485	11,024	73	83 905	28 298,718	378 678,687	13,381	12,921
74	70 357	23 378,649	256 161,928	10,957	10,496	74	82 528	27 422,819	350 379,969	12,777	12,316
75	68 170	22 317,162	232 783,279	10,431	9,970	75	81 055	26 535,477	322 957,150	12,171	11,710
76	65 878	21 248,099	210 466,117	9,905	9,444	76	79 496	25 640,555	296 421,673	11,561	11,100
77	63 429	20 155,908	189 218,019	9,388	8,927	77	77 782	24 716,840	270 781,118	10,955	10,495
78	60 848	19 049,899	169 062,111	8,875	8,414	78	75 931	23 772,084	246 064,279	10,351	9,890
79	58 081	17 914,986	150 012,212	8,374	7,913	79	73 847	22 777,919	222 292,194	9,759	9,298
80	55 150	16 759,469	132 097,226	7,882	7,421	80	71 527	21 736,318	199 514,275	9,179	8,718
81	52 038	15 580,149	115 337,757	7,403	6,942	81	68 919	20 634,265	177 777,957	8,616	8,155
82	48 680	14 359,348	99 757,608	6,947	6,486	82	65 978	19 461,795	157 143,692	8,074	7,614
83	45 143	13 119,275	85 398,260	6,509	6,049	83	62 720	18 227,381	137 681,897	7,554	7,093
84	41 466	11 872,439	72 278,984	6,088	5,627	84	59 163	16 939,586	119 454,517	7,052	6,591
85	37 651	10 620,935	60 406,545	5,687	5,227	85	55 308	15 601,723	102 514,931	6,571	6,110
86	33 710	9 368,603	49 785,610	5,314	4,853	86	51 097	14 201,032	86 913,207	6,120	5,659
87	29 742	8 143,689	40 417,007	4,963	4,502	87	46 643	12 771,415	72 712,175	5,693	5,233
88	25 813	6 963,423	32 273,318	4,635	4,174	88	41 981	11 325,093	59 940,760	5,293	4,832
89	21 974	5 840,331	25 309,895	4,334	3,873	89	37 187	9 883,492	48 615,667	4,919	4,458
90	18 346	4 803,961	19 469,564	4,053	3,592	90	32 370	8 476,259	38 732,175	4,569	4,109
91	15 015	3 873,633	14 665,603	3,786	3,325	91	27 597	7 119,422	30 255,916	4,250	3,789
92	12 026	3 056,627	10 791,970	3,531	3,070	92	22 970	5 838,386	23 136,494	3,963	3,502
93	9 316	2 332,742	7 735,343	3,316	2,855	93	18 663	4 673,574	17 298,108	3,701	3,240
94	7 048	1 738,825	5 402,601	3,107	2,646	94	14 763	3 642,283	12 624,534	3,466	3,005
95	5 145	1 250,558	3 663,776	2,930	2,469	95	11 365	2 762,518	8 982,251	3,251	2,791
96	3 652	874,619	2 413,217	2,759	2,298	96	8 492	2 033,712	6 219,732	3,058	2,598
97	2 475	583,906	1 538,598	2,635	2,174	97	6 067	1 431,306	4 186,021	2,925	2,464
98	1 642	381,647	954,692	2,502	2,041	98	4 253	988,492	2 754,714	2,787	2,326
99	1 049	240,323	573,045	2,384	1,924	99	2 921	668,943	1 766,222	2,640	2,180
100	647	145,898	332,722	2,281	1,820	100	1 937	436,977	1 097,279	2,511	2,050

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 1,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	4 284 270,872	42,843	42,382	0	100 000	100 000,000	4 413 144,826	44,131	43,670
1	99 644	97 929,999	4 184 270,872	42,727	42,266	1	99 699	97 984,733	4 313 144,826	44,019	43,557
2	99 616	96 219,095	4 086 340,874	42,469	42,008	2	99 675	96 275,615	4 215 160,094	43,782	43,321
3	99 601	94 549,459	3 990 121,778	42,201	41,740	3	99 662	94 608,015	4 118 884,478	43,536	43,075
4	99 590	92 913,178	3 895 572,320	41,927	41,466	4	99 652	92 971,261	4 024 276,463	43,285	42,824
5	99 579	91 305,435	3 802 659,141	41,648	41,186	5	99 643	91 363,504	3 931 305,202	43,029	42,568
6	99 569	89 726,056	3 711 353,707	41,363	40,902	6	99 634	89 784,143	3 839 941,698	42,769	42,307
7	99 560	88 174,840	3 621 627,651	41,073	40,612	7	99 625	88 232,138	3 750 157,555	42,503	42,042
8	99 552	86 650,855	3 533 452,811	40,778	40,317	8	99 620	86 710,604	3 661 925,417	42,232	41,770
9	99 543	85 153,262	3 446 801,956	40,478	40,016	9	99 613	85 213,328	3 575 214,814	41,956	41,495
10	99 535	83 682,014	3 361 648,694	40,172	39,710	10	99 607	83 742,619	3 490 001,486	41,675	41,214
11	99 527	82 236,249	3 277 966,680	39,860	39,399	11	99 601	82 297,515	3 406 258,866	41,390	40,928
12	99 520	80 815,611	3 195 730,431	39,543	39,082	12	99 594	80 875,824	3 323 961,352	41,100	40,638
13	99 513	79 420,194	3 114 914,820	39,221	38,759	13	99 586	79 478,598	3 243 085,528	40,805	40,343
14	99 503	78 046,761	3 035 494,625	38,893	38,432	14	99 576	78 104,285	3 163 606,930	40,505	40,044
15	99 490	76 694,027	2 957 447,865	38,562	38,100	15	99 567	76 753,890	3 085 502,646	40,200	39,739
16	99 474	75 362,915	2 880 753,837	38,225	37,764	16	99 555	75 424,620	3 008 748,756	39,891	39,430
17	99 449	74 048,418	2 805 390,922	37,886	37,425	17	99 541	74 116,476	2 933 324,135	39,577	39,116
18	99 422	72 754,863	2 731 342,504	37,542	37,081	18	99 527	72 831,827	2 859 207,659	39,258	38,796
19	99 384	71 476,152	2 658 587,641	37,195	36,734	19	99 507	71 565,089	2 786 375,832	38,935	38,474
20	99 344	70 218,898	2 587 111,489	36,844	36,382	20	99 490	70 321,946	2 714 810,743	38,605	38,144
21	99 301	68 981,400	2 516 892,591	36,487	36,025	21	99 472	69 099,700	2 644 488,797	38,271	37,809
22	99 261	67 767,514	2 447 911,191	36,122	35,661	22	99 455	67 900,055	2 575 389,096	37,929	37,468
23	99 216	66 571,764	2 380 143,678	35,753	35,292	23	99 439	66 721,376	2 507 489,041	37,581	37,120
24	99 175	65 400,000	2 313 571,914	35,376	34,915	24	99 421	65 562,033	2 440 767,665	37,228	36,767
25	99 128	64 244,663	2 248 171,913	34,994	34,533	25	99 403	64 422,836	2 375 205,632	36,869	36,408
26	99 085	63 112,068	2 183 927,251	34,604	34,143	26	99 384	63 302,783	2 310 782,795	36,504	36,042
27	99 039	61 998,140	2 120 815,183	34,208	33,747	27	99 366	62 202,329	2 247 480,012	36,132	35,671
28	98 994	60 903,693	2 058 817,043	33,804	33,343	28	99 344	61 119,355	2 185 277,684	35,754	35,293
29	98 946	59 827,188	1 997 913,349	33,395	32,934	29	99 321	60 054,008	2 124 158,328	35,371	34,910
30	98 894	58 767,547	1 938 086,161	32,979	32,518	30	99 295	59 005,865	2 064 104,321	34,981	34,520
31	98 839	57 724,379	1 879 318,614	32,557	32,096	31	99 264	57 972,632	2 005 098,455	34,587	34,126
32	98 778	56 696,637	1 821 594,236	32,129	31,668	32	99 232	56 957,669	1 947 125,824	34,185	33,724
33	98 715	55 686,183	1 764 897,599	31,694	31,232	33	99 198	55 958,873	1 890 168,155	33,778	33,317
34	98 643	54 688,391	1 709 211,417	31,254	30,792	34	99 163	54 976,619	1 834 209,282	33,363	32,902
35	98 567	53 706,444	1 654 523,025	30,807	30,346	35	99 122	54 009,138	1 779 232,663	32,943	32,482
36	98 488	52 740,400	1 600 816,582	30,353	29,892	36	99 082	53 058,358	1 725 223,525	32,516	32,054
37	98 403	51 788,768	1 548 076,181	29,892	29,431	37	99 036	52 121,898	1 672 165,166	32,082	31,621
38	98 307	50 848,181	1 496 287,413	29,427	28,965	38	98 989	51 201,138	1 620 043,268	31,641	31,180
39	98 202	49 920,286	1 445 439,232	28,955	28,494	39	98 929	50 290,173	1 568 842,131	31,196	30,735
40	98 092	49 007,053	1 395 518,946	28,476	28,015	40	98 870	49 395,519	1 518 551,958	30,743	30,282
41	97 971	48 104,565	1 346 511,893	27,991	27,530	41	98 802	48 512,677	1 469 156,439	30,284	29,823
42	97 840	47 214,156	1 298 407,327	27,500	27,039	42	98 729	47 643,012	1 420 643,762	29,819	29,357
43	97 699	46 335,265	1 251 193,172	27,003	26,542	43	98 651	46 786,433	1 373 000,749	29,346	28,885
44	97 549	45 468,226	1 204 857,907	26,499	26,038	44	98 561	45 939,998	1 326 214,317	28,868	28,407
45	97 374	44 605,872	1 159 389,681	25,992	25,531	45	98 465	45 106,053	1 280 274,319	28,384	27,922
46	97 183	43 752,828	1 114 783,809	25,479	25,018	46	98 352	44 279,195	1 235 168,266	27,895	27,434
47	96 971	42 906,618	1 071 030,982	24,962	24,501	47	98 232	43 464,653	1 190 889,071	27,399	26,938
48	96 741	42 068,814	1 028 124,364	24,439	23,978	48	98 098	42 658,568	1 147 424,418	26,898	26,437
49	96 484	41 235,479	986 055,550	23,913	23,452	49	97 941	41 858,052	1 104 765,850	26,393	25,932

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 1,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	40 405,856	944 820,071	23,383	22,922	50	97 770	41 066,222	1 062 907,798	25,883	25,422
51	95 878	39 578,907	904 414,215	22,851	22,390	51	97 589	40 285,129	1 021 841,576	25,365	24,904
52	95 523	38 754,188	864 835,308	22,316	21,855	52	97 380	39 507,430	981 556,447	24,845	24,384
53	95 128	37 929,944	826 081,120	21,779	21,318	53	97 153	38 737,357	942 049,017	24,319	23,858
54	94 681	37 102,479	788 151,176	21,243	20,781	54	96 903	37 973,358	903 311,660	23,788	23,327
55	94 177	36 270,498	751 048,697	20,707	20,246	55	96 623	37 212,447	865 338,302	23,254	22,793
56	93 621	35 435,918	714 778,199	20,171	19,710	56	96 310	36 453,735	828 125,855	22,717	22,256
57	93 004	34 597,040	679 342,281	19,636	19,175	57	95 965	35 698,616	791 672,120	22,177	21,715
58	92 322	33 752,691	644 745,241	19,102	18,641	58	95 588	34 946,958	755 973,504	21,632	21,171
59	91 569	32 901,611	610 992,550	18,570	18,109	59	95 173	34 196,520	721 026,546	21,085	20,624
60	90 750	32 046,747	578 090,939	18,039	17,578	60	94 725	33 450,201	686 830,026	20,533	20,072
61	89 858	31 185,934	546 044,192	17,509	17,048	61	94 225	32 701,444	653 379,825	19,980	19,519
62	88 886	30 317,894	514 858,259	16,982	16,521	62	93 689	31 956,272	620 678,381	19,423	18,962
63	87 825	29 440,650	484 540,365	16,458	15,997	63	93 115	31 213,993	588 722,109	18,861	18,400
64	86 685	28 558,786	455 099,715	15,936	15,474	64	92 486	30 470,107	557 508,116	18,297	17,836
65	85 449	27 667,571	426 540,929	15,417	14,955	65	91 795	29 722,274	527 038,009	17,732	17,271
66	84 132	26 772,389	398 873,359	14,899	14,437	66	91 063	28 978,255	497 315,735	17,162	16,700
67	82 734	25 874,994	372 100,969	14,381	13,920	67	90 265	28 230,313	468 337,481	16,590	16,129
68	81 246	24 972,327	346 225,975	13,864	13,403	68	89 410	27 481,698	440 107,167	16,015	15,553
69	79 687	24 072,093	321 253,648	13,345	12,884	69	88 474	26 726,372	412 625,470	15,439	14,978
70	78 006	23 158,906	297 181,556	12,832	12,371	70	87 452	25 963,203	385 899,098	14,863	14,402
71	76 266	22 252,971	274 022,650	12,314	11,853	71	86 350	25 195,183	359 935,895	14,286	13,825
72	74 387	21 331,372	251 769,679	11,803	11,342	72	85 167	24 422,569	334 740,712	13,706	13,245
73	72 439	20 415,561	230 438,307	11,287	10,826	73	83 905	23 646,961	310 318,143	13,123	12,662
74	70 357	19 487,656	210 022,746	10,777	10,316	74	82 528	22 858,741	286 671,182	12,541	12,080
75	68 170	18 557,129	190 535,090	10,267	9,806	75	81 055	22 064,735	263 812,441	11,956	11,495
76	65 878	17 624,773	171 977,961	9,758	9,297	76	79 496	21 268,207	241 747,706	11,367	10,905
77	63 429	16 677,749	154 353,188	9,255	8,794	77	77 782	20 451,634	220 479,500	10,781	10,319
78	60 848	15 723,868	137 675,439	8,756	8,295	78	75 931	19 621,579	200 027,865	10,194	9,733
79	58 081	14 750,774	121 951,571	8,267	7,806	79	73 847	18 754,797	180 406,286	9,619	9,158
80	55 150	13 765,443	107 200,798	7,788	7,326	80	71 527	17 853,194	161 651,489	9,054	8,593
81	52 038	12 765,364	93 435,355	7,319	6,858	81	68 919	16 906,378	143 798,295	8,506	8,044
82	48 680	11 736,211	80 669,991	6,874	6,412	82	65 978	15 906,553	126 891,916	7,977	7,516
83	45 143	10 696,327	68 933,780	6,445	5,983	83	62 720	14 861,036	110 985,363	7,468	7,007
84	41 466	9 655,981	58 237,453	6,031	5,570	84	59 163	13 777,145	96 124,327	6,977	6,516
85	37 651	8 616,896	48 581,472	5,638	5,177	85	55 308	12 657,870	82 347,182	6,506	6,044
86	33 710	7 582,188	39 964,576	5,271	4,810	86	51 097	11 493,164	69 689,312	6,064	5,602
87	29 742	6 574,648	32 382,388	4,925	4,464	87	46 643	10 310,752	58 196,148	5,644	5,183
88	25 813	5 607,970	25 807,740	4,602	4,141	88	41 981	9 120,628	47 885,396	5,250	4,789
89	21 974	4 691,936	20 199,770	4,305	3,844	89	37 187	7 940,082	38 764,769	4,882	4,421
90	18 346	3 849,866	15 507,834	4,028	3,567	90	32 370	6 792,825	30 824,686	4,538	4,077
91	15 015	3 096,680	11 657,968	3,765	3,303	91	27 597	5 691,445	24 031,861	4,222	3,761
92	12 026	2 437,541	8 561,288	3,512	3,051	92	22 970	4 655,885	18 340,416	3,939	3,478
93	9 316	1 855,700	6 123,748	3,300	2,839	93	18 663	3 717,836	13 684,532	3,681	3,220
94	7 048	1 379,840	4 268,048	3,093	2,632	94	14 763	2 890,323	9 966,696	3,448	2,987
95	5 145	989,939	2 888,208	2,918	2,456	95	11 365	2 186,802	7 076,373	3,236	2,775
96	3 652	690,645	1 898,269	2,749	2,287	96	8 492	1 605,925	4 889,570	3,045	2,584
97	2 475	459,950	1 207,624	2,626	2,164	97	6 067	1 127,458	3 283,645	2,912	2,451
98	1 642	299,890	747,675	2,493	2,032	98	4 253	776,734	2 156,188	2,776	2,315
99	1 049	188,376	447,785	2,377	1,916	99	2 921	524,348	1 379,454	2,631	2,170
100	647	114,081	259,409	2,274	1,813	100	1 937	341,682	855,105	2,503	2,041

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 2 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	3 981 302,282	39,813	39,351	0	100 000	100 000,000	4 088 956,600	40,890	40,428
1	99 644	97 689,974	3 881 302,282	39,731	39,269	1	99 699	97 744,574	3 988 956,600	40,810	40,348
2	99 616	95 748,011	3 783 612,308	39,516	39,055	2	99 675	95 804,254	3 891 212,025	40,616	40,155
3	99 601	93 855,945	3 687 864,297	39,293	38,831	3	99 662	93 914,072	3 795 407,771	40,414	39,952
4	99 590	92 005,608	3 594 008,352	39,063	38,601	4	99 652	92 063,124	3 701 493,700	40,206	39,744
5	99 579	90 191,967	3 502 002,744	38,828	38,367	5	99 643	90 249,328	3 609 430,576	39,994	39,532
6	99 569	88 414,614	3 411 810,777	38,589	38,127	6	99 634	88 471,852	3 519 181,247	39,777	39,316
7	99 560	86 673,114	3 323 396,163	38,344	37,882	7	99 625	86 729,437	3 430 709,396	39,556	39,095
8	99 552	84 966,322	3 236 723,048	38,094	37,633	8	99 620	85 024,910	3 343 979,959	39,329	38,868
9	99 543	83 293,192	3 151 756,726	37,839	37,378	9	99 613	83 351,946	3 258 955,049	39,099	38,637
10	99 535	81 653,459	3 068 463,534	37,579	37,117	10	99 607	81 712,595	3 175 603,104	38,863	38,401
11	99 527	80 046,067	2 986 810,075	37,314	36,852	11	99 601	80 105,701	3 093 890,509	38,623	38,161
12	99 520	78 470,463	2 906 764,008	37,043	36,581	12	99 594	78 528,928	3 013 784,807	38,378	37,916
13	99 513	76 926,530	2 828 293,545	36,766	36,305	13	99 586	76 983,100	2 935 255,879	38,129	37,667
14	99 503	75 410,936	2 751 367,014	36,485	36,023	14	99 576	75 466,517	2 858 272,779	37,875	37,413
15	99 490	73 922,260	2 675 956,079	36,200	35,738	15	99 567	73 979,959	2 782 806,263	37,616	37,154
16	99 474	72 461,218	2 602 033,819	35,909	35,448	16	99 555	72 520,547	2 708 826,304	37,353	36,891
17	99 449	71 022,829	2 529 572,601	35,616	35,155	17	99 541	71 088,107	2 636 305,757	37,085	36,623
18	99 422	69 611,094	2 458 549,772	35,318	34,857	18	99 527	69 684,732	2 565 217,650	36,812	36,350
19	99 384	68 220,020	2 388 938,678	35,018	34,557	19	99 507	68 304,905	2 495 532,918	36,535	36,074
20	99 344	66 855,775	2 320 718,659	34,712	34,251	20	99 490	66 953,888	2 427 228,012	36,252	35,791
21	99 301	65 516,573	2 253 862,883	34,401	33,940	21	99 472	65 628,931	2 360 274,124	35,964	35,502
22	99 261	64 205,904	2 188 346,310	34,083	33,622	22	99 455	64 331,480	2 294 645,192	35,669	35,207
23	99 216	62 918,408	2 124 140,406	33,760	33,299	23	99 439	63 059,810	2 230 313,713	35,368	34,907
24	99 175	61 659,451	2 061 221,998	33,429	32,968	24	99 421	61 812,217	2 167 253,903	35,062	34,600
25	99 128	60 421,737	1 999 562,546	33,093	32,632	25	99 403	60 589,308	2 105 441,686	34,749	34,288
26	99 085	59 211,056	1 939 140,809	32,750	32,288	26	99 384	59 389,983	2 044 852,377	34,431	33,969
27	99 039	58 023,418	1 879 929,753	32,400	31,938	27	99 366	58 214,516	1 985 462,394	34,106	33,644
28	98 994	56 859,432	1 821 906,335	32,042	31,581	28	99 344	57 060,774	1 927 247,878	33,775	33,314
29	98 946	55 717,514	1 765 046,902	31,678	31,217	29	99 321	55 928,753	1 870 187,104	33,439	32,977
30	98 894	54 596,518	1 709 329,389	31,308	30,847	30	99 295	54 817,922	1 814 258,352	33,096	32,634
31	98 839	53 495,949	1 654 732,870	30,932	30,470	31	99 264	53 726,017	1 759 440,430	32,748	32,287
32	98 778	52 414,708	1 601 236,921	30,549	30,088	32	99 232	52 656,027	1 705 714,413	32,394	31,932
33	98 715	51 354,389	1 548 822,213	30,159	29,698	33	99 198	51 605,868	1 653 058,387	32,032	31,571
34	98 643	50 310,602	1 497 467,824	29,764	29,303	34	99 163	50 575,757	1 601 452,519	31,664	31,203
35	98 567	49 286,163	1 447 157,221	29,362	28,901	35	99 122	49 563,945	1 550 876,762	31,290	30,829
36	98 488	48 281,003	1 397 871,058	28,953	28,491	36	99 082	48 572,076	1 501 312,817	30,909	30,447
37	98 403	47 293,634	1 349 590,055	28,536	28,075	37	99 036	47 597,849	1 452 740,741	30,521	30,060
38	98 307	46 320,877	1 302 296,421	28,115	27,653	38	98 989	46 642,408	1 405 142,891	30,126	29,664
39	98 202	45 364,138	1 255 975,544	27,687	27,225	39	98 929	45 700,266	1 358 500,483	29,726	29,265
40	98 092	44 425,102	1 210 611,406	27,251	26,789	40	98 870	44 777,248	1 312 800,218	29,318	28,857
41	97 971	43 500,113	1 166 186,303	26,809	26,347	41	98 802	43 869,161	1 268 022,969	28,905	28,443
42	97 840	42 590,287	1 122 686,190	26,360	25,899	42	98 729	42 977,144	1 224 153,808	28,484	28,022
43	97 699	41 695,024	1 080 095,903	25,905	25,443	43	98 651	42 101,010	1 181 176,664	28,056	27,594
44	97 549	40 814,534	1 038 400,879	25,442	24,980	44	98 561	41 238,019	1 139 075,654	27,622	27,160
45	97 374	39 942,303	997 586,345	24,976	24,514	45	98 465	40 390,191	1 097 837,635	27,181	26,719
46	97 183	39 082,420	957 644,042	24,503	24,042	46	98 352	39 552,600	1 057 447,444	26,735	26,274
47	96 971	38 232,601	918 561,622	24,026	23,564	47	98 232	38 729,847	1 017 894,844	26,282	25,820
48	96 741	37 394,186	880 329,020	23,542	23,080	48	98 098	37 918,407	979 164,997	25,823	25,361
49	96 484	36 563,613	842 934,834	23,054	22,592	49	97 941	37 115,650	941 246,590	25,360	24,898

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 2 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	35 740,170	806 371,221	22,562	22,100	50	97 770	36 324,284	904 130,939	24,891	24,429
51	95 878	34 922,904	770 631,051	22,067	21,605	51	97 589	35 546,047	867 806,655	24,414	23,952
52	95 523	34 111,392	735 708,147	21,568	21,106	52	97 380	34 774,395	832 260,608	23,933	23,472
53	95 128	33 304,065	701 596,755	21,066	20,605	53	97 153	34 013,007	797 486,214	23,447	22,985
54	94 681	32 497,669	668 292,690	20,564	20,103	54	96 903	33 260,463	763 473,207	22,954	22,493
55	94 177	31 691,082	635 795,021	20,062	19,601	55	96 623	32 514,102	730 212,743	22,458	21,997
56	93 621	30 885,986	604 103,939	19,559	19,098	56	96 310	31 773,117	697 698,641	21,959	21,497
57	93 004	30 080,910	573 217,953	19,056	18,594	57	95 965	31 038,692	665 925,524	21,455	20,993
58	92 322	29 274,850	543 137,043	18,553	18,091	58	95 588	30 310,678	634 886,833	20,946	20,484
59	91 569	28 466,737	513 862,193	18,051	17,590	59	95 173	29 587,103	604 576,154	20,434	19,972
60	90 750	27 659,143	485 395,456	17,549	17,088	60	94 725	28 870,446	574 989,052	19,916	19,455
61	89 858	26 850,215	457 736,313	17,048	16,586	61	94 225	28 155,026	546 118,606	19,397	18,935
62	88 886	26 038,880	430 886,099	16,548	16,086	62	93 689	27 446,020	517 963,579	18,872	18,410
63	87 825	25 223,474	404 847,219	16,050	15,589	63	93 115	26 742,798	490 517,559	18,342	17,880
64	86 685	24 407,960	379 623,746	15,553	15,092	64	92 486	26 041,484	463 774,761	17,809	17,347
65	85 449	23 588,321	355 215,785	15,059	14,597	65	91 795	25 340,083	437 733,278	17,274	16,813
66	84 132	22 769,179	331 627,464	14,565	14,103	66	91 063	24 645,207	412 393,195	16,733	16,272
67	82 734	21 952,033	308 858,285	14,070	13,608	67	90 265	23 950,258	387 747,988	16,190	15,728
68	81 246	21 134,294	286 906,252	13,575	13,114	68	89 410	23 257,996	363 797,730	15,642	15,180
69	79 687	20 322,486	265 771,958	13,078	12,616	69	88 474	22 563,319	340 539,734	15,093	14,631
70	78 006	19 503,622	245 449,472	12,585	12,123	70	87 452	21 865,303	317 976,415	14,543	14,081
71	76 266	18 694,742	225 945,850	12,086	11,624	71	86 350	21 166,497	296 111,112	13,990	13,528
72	74 387	17 876,583	207 251,108	11,593	11,132	72	85 167	20 467,135	274 944,615	13,433	12,972
73	72 439	17 067,161	189 374,525	11,096	10,634	73	83 905	19 768,572	254 477,479	12,873	12,411
74	70 357	16 251,514	172 307,364	10,603	10,141	74	82 528	19 062,792	234 708,907	12,312	11,851
75	68 170	15 437,581	156 055,850	10,109	9,647	75	81 055	18 355,541	215 646,115	11,748	11,287
76	65 878	14 626,022	140 618,269	9,614	9,153	76	79 496	17 649,548	197 290,574	11,178	10,717
77	63 429	13 806,207	125 992,247	9,126	8,664	77	77 782	16 930,312	179 641,027	10,611	10,149
78	60 848	12 984,660	112 186,040	8,640	8,178	78	75 931	16 203,363	162 710,714	10,042	9,580
79	58 081	12 151,230	99 201,379	8,164	7,702	79	73 847	15 449,620	146 507,351	9,483	9,021
80	55 150	11 311,752	87 050,149	7,696	7,234	80	71 527	14 670,861	131 057,731	8,933	8,472
81	52 038	10 464,226	75 738,397	7,238	6,776	81	68 919	13 858,765	116 386,869	8,398	7,936
82	48 680	9 597,014	65 274,171	6,802	6,340	82	65 978	13 007,213	102 528,105	7,882	7,421
83	45 143	8 725,234	55 677,157	6,381	5,920	83	62 720	12 122,481	89 520,891	7,385	6,923
84	41 466	7 857,295	46 951,923	5,976	5,514	84	59 163	11 210,782	77 398,410	6,904	6,442
85	37 651	6 994,582	39 094,628	5,589	5,128	85	55 308	10 274,757	66 187,628	6,442	5,980
86	33 710	6 139,595	32 100,046	5,228	4,767	86	51 097	9 306,465	55 912,871	6,008	5,546
87	29 742	5 310,702	25 960,451	4,888	4,427	87	46 643	8 328,557	46 606,406	5,596	5,134
88	25 813	4 518,761	20 649,750	4,570	4,108	88	41 981	7 349,172	38 277,849	5,208	4,747
89	21 974	3 771,377	16 130,989	4,277	3,816	89	37 187	6 382,237	30 928,678	4,846	4,384
90	18 346	3 086,937	12 359,612	4,004	3,542	90	32 370	5 446,689	24 546,441	4,507	4,045
91	15 015	2 476,924	9 272,674	3,744	3,282	91	27 597	4 552,385	19 099,752	4,196	3,734
92	12 026	1 944,923	6 795,750	3,494	3,032	92	22 970	3 714,949	14 547,367	3,916	3,454
93	9 316	1 477,041	4 850,827	3,284	2,823	93	18 663	2 959,205	10 832,418	3,661	3,199
94	7 048	1 095,589	3 373,785	3,079	2,618	94	14 763	2 294,909	7 873,213	3,431	2,969
95	5 145	784,082	2 278,196	2,906	2,444	95	11 365	1 732,060	5 578,304	3,221	2,759
96	3 652	545,686	1 494,114	2,738	2,276	96	8 492	1 268,858	3 846,244	3,031	2,570
97	2 475	362,520	948,428	2,616	2,155	97	6 067	888,632	2 577,386	2,900	2,439
98	1 642	235,786	585,908	2,485	2,023	98	4 253	610,701	1 688,754	2,765	2,304
99	1 049	147,746	350,122	2,370	1,908	99	2 921	411,254	1 078,053	2,621	2,160
100	647	89,256	202,376	2,267	1,806	100	1 937	267,329	666,799	2,494	2,033

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 2,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	3 711 412,366	37,114	36,652	0	100 000	100 000,000	3 801 527,433	38,015	37,553
1	99 644	97 451,123	3 611 412,366	37,059	36,597	1	99 699	97 505,590	3 701 527,433	37,962	37,500
2	99 616	95 280,378	3 513 961,243	36,880	36,418	2	99 675	95 336,347	3 604 021,843	37,803	37,341
3	99 601	93 169,197	3 418 680,865	36,693	36,231	3	99 662	93 226,898	3 508 685,496	37,636	37,174
4	99 590	91 109,092	3 325 511,668	36,500	36,038	4	99 652	91 166,048	3 415 458,598	37,464	37,002
5	99 579	89 094,754	3 234 402,576	36,303	35,841	5	99 643	89 151,418	3 324 292,550	37,288	36,826
6	99 569	87 125,481	3 145 307,822	36,101	35,639	6	99 634	87 181,884	3 235 141,133	37,108	36,646
7	99 560	85 200,548	3 058 182,341	35,894	35,432	7	99 625	85 255,913	3 147 959,249	36,924	36,462
8	99 552	83 318,542	2 972 981,793	35,682	35,220	8	99 620	83 375,993	3 062 703,336	36,734	36,272
9	99 543	81 478,158	2 889 663,251	35,465	35,003	9	99 613	81 535,631	2 979 327,343	36,540	36,078
10	99 535	79 678,864	2 808 185,093	35,244	34,782	10	99 607	79 736,571	2 897 791,712	36,342	35,880
11	99 527	77 919,365	2 728 506,229	35,017	34,555	11	99 601	77 977,415	2 818 055,141	36,139	35,677
12	99 520	76 198,860	2 650 586,864	34,785	34,323	12	99 594	76 255,633	2 740 077,726	35,933	35,471
13	99 513	74 516,983	2 574 388,003	34,548	34,086	13	99 586	74 571,780	2 663 822,093	35,722	35,260
14	99 503	72 870,257	2 499 871,021	34,306	33,844	14	99 576	72 923,965	2 589 250,313	35,506	35,044
15	99 490	71 257,087	2 427 000,764	34,060	33,598	15	99 567	71 312,705	2 516 326,347	35,286	34,824
16	99 474	69 677,941	2 355 743,677	33,809	33,347	16	99 555	69 734,992	2 445 013,642	35,062	34,599
17	99 449	68 127,822	2 286 065,736	33,556	33,094	17	99 541	68 190,439	2 375 278,650	34,833	34,371
18	99 422	66 610,370	2 217 937,914	33,297	32,835	18	99 527	66 680,835	2 307 088,212	34,599	34,137
19	99 384	65 119,655	2 151 327,544	33,037	32,575	19	99 507	65 200,682	2 240 407,377	34,362	33,900
20	99 344	63 661,378	2 086 207,889	32,770	32,308	20	99 490	63 754,803	2 175 206,695	34,118	33,656
21	99 301	62 233,630	2 022 546,512	32,499	32,037	21	99 472	62 340,358	2 111 451,892	33,870	33,408
22	99 261	60 839,520	1 960 312,882	32,221	31,759	22	99 455	60 958,511	2 049 111,535	33,615	33,153
23	99 216	59 473,760	1 899 473,362	31,938	31,476	23	99 439	59 607,420	1 988 153,023	33,354	32,892
24	99 175	58 141,225	1 839 999,603	31,647	31,185	24	99 421	58 285,274	1 928 545,603	33,088	32,626
25	99 128	56 834,832	1 781 858,377	31,352	30,890	25	99 403	56 992,456	1 870 260,329	32,816	32,354
26	99 085	55 559,847	1 725 023,545	31,048	30,586	26	99 384	55 727,741	1 813 267,873	32,538	32,076
27	99 039	54 312,325	1 669 463,698	30,738	30,276	27	99 366	54 491,201	1 757 540,133	32,254	31,792
28	98 994	53 092,657	1 615 151,373	30,421	29,959	28	99 344	53 280,660	1 703 048,932	31,964	31,502
29	98 946	51 899,183	1 562 058,715	30,098	29,636	29	99 321	52 095,946	1 649 768,272	31,668	31,206
30	98 894	50 730,670	1 510 159,532	29,768	29,306	30	99 295	50 936,397	1 597 672,325	31,366	30,904
31	98 839	49 586,494	1 459 428,862	29,432	28,970	31	99 264	49 799,749	1 546 735,929	31,059	30,597
32	98 778	48 465,482	1 409 842,367	29,090	28,628	32	99 232	48 688,618	1 496 936,180	30,745	30,283
33	98 715	47 368,953	1 361 376,886	28,740	28,278	33	99 198	47 600,915	1 448 247,562	30,425	29,963
34	98 643	46 292,708	1 314 007,933	28,385	27,923	34	99 163	46 536,687	1 400 646,647	30,098	29,636
35	98 567	45 239,202	1 267 715,224	28,022	27,560	35	99 122	45 494,175	1 354 109,960	29,764	29,302
36	98 488	44 208,224	1 222 476,022	27,653	27,191	36	99 082	44 474,744	1 308 615,785	29,424	28,962
37	98 403	43 198,267	1 178 267,798	27,276	26,814	37	99 036	43 476,139	1 264 141,041	29,077	28,615
38	98 307	42 206,299	1 135 069,531	26,893	26,431	38	98 989	42 499,269	1 220 664,902	28,722	28,260
39	98 202	41 233,482	1 092 863,232	26,504	26,042	39	98 929	41 539,003	1 178 165,634	28,363	27,901
40	98 092	40 281,222	1 051 629,750	26,107	25,645	40	98 870	40 600,521	1 136 626,630	27,995	27,533
41	97 971	39 346,078	1 011 348,528	25,704	25,242	41	98 802	39 679,884	1 096 026,109	27,622	27,160
42	97 840	38 428,947	972 002,450	25,293	24,831	42	98 729	38 778,005	1 056 346,226	27,241	26,779
43	97 699	37 529,173	933 573,504	24,876	24,414	43	98 651	37 894,596	1 017 568,220	26,853	26,391
44	97 549	36 646,834	896 044,330	24,451	23,989	44	98 561	37 027,076	979 673,624	26,458	25,996
45	97 374	35 775,984	859 397,496	24,022	23,560	45	98 465	36 177,153	942 646,548	26,056	25,594
46	97 183	34 920,205	823 621,512	23,586	23,124	46	98 352	35 340,311	906 469,395	25,650	25,188
47	96 971	34 077,367	788 701,307	23,144	22,682	47	98 232	34 520,571	871 129,084	25,235	24,773
48	96 741	33 248,582	754 623,940	22,696	22,234	48	98 098	33 714,687	836 608,513	24,814	24,352
49	96 484	32 430,602	721 375,358	22,244	21,782	49	97 941	32 920,239	802 893,826	24,389	23,927

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 2,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	31 622,731	688 944,756	21,786	21,324	50	97 770	32 139,552	769 973,587	23,957	23,495
51	95 878	30 824,068	657 322,026	21,325	20,863	51	97 589	31 374,074	737 834,035	23,517	23,055
52	95 523	30 034,189	626 497,957	20,859	20,397	52	97 380	30 617,945	706 459,961	23,073	22,611
53	95 128	29 251,663	596 463,768	20,391	19,929	53	97 153	29 874,342	675 842,016	22,623	22,161
54	94 681	28 473,601	567 212,105	19,921	19,459	54	96 903	29 141,941	645 967,674	22,166	21,704
55	94 177	27 699,000	538 738,505	19,450	18,988	55	96 623	28 418,346	616 825,733	21,705	21,243
56	93 621	26 929,318	511 039,505	18,977	18,515	56	96 310	27 702,802	588 407,388	21,240	20,778
57	93 004	26 163,251	484 110,187	18,503	18,041	57	95 965	26 996,294	560 704,585	20,770	20,308
58	92 322	25 399,916	457 946,935	18,029	17,567	58	95 588	26 298,638	533 708,291	20,294	19,832
59	91 569	24 638,379	432 547,020	17,556	17,094	59	95 173	25 608,072	507 409,654	19,814	19,352
60	90 750	23 880,863	407 908,640	17,081	16,619	60	94 725	24 926,701	481 801,581	19,329	18,867
61	89 858	23 125,755	384 027,777	16,606	16,144	61	94 225	24 249,573	456 874,881	18,841	18,379
62	88 886	22 372,129	360 902,022	16,132	15,670	62	93 689	23 581,118	432 625,307	18,346	17,884
63	87 825	21 618,560	338 529,893	15,659	15,197	63	93 115	22 920,744	409 044,190	17,846	17,384
64	86 685	20 868,451	316 911,333	15,186	14,724	64	92 486	22 265,090	386 123,446	17,342	16,880
65	85 449	20 118,362	296 042,882	14,715	14,253	65	91 795	21 612,430	363 858,356	16,836	16,374
66	84 132	19 372,239	275 924,521	14,243	13,781	66	91 063	20 968,381	342 245,925	16,322	15,860
67	82 734	18 631,338	256 552,282	13,770	13,308	67	90 265	20 327,290	321 277,544	15,805	15,343
68	81 246	17 893,442	237 920,944	13,297	12,835	68	89 410	19 691,484	300 950,254	15,283	14,821
69	79 687	17 164,052	220 027,502	12,819	12,357	69	88 474	19 056,625	281 258,770	14,759	14,297
70	78 006	16 432,177	202 863,449	12,346	11,883	70	87 452	18 421,940	262 202,145	14,233	13,771
71	76 266	15 712,171	186 431,272	11,865	11,403	71	86 350	17 789,580	243 780,206	13,704	13,242
72	74 387	14 987,806	170 719,101	11,391	10,929	72	85 167	17 159,737	225 990,626	13,170	12,708
73	72 439	14 274,198	155 731,295	10,910	10,448	73	83 905	16 533,535	208 830,888	12,631	12,169
74	70 357	13 558,795	141 457,097	10,433	9,971	74	82 528	15 904,272	192 297,353	12,091	11,629
75	68 170	12 848,232	127 898,302	9,955	9,493	75	81 055	15 276,762	176 393,081	11,546	11,084
76	65 878	12 143,034	115 050,070	9,475	9,013	76	79 496	14 653,270	161 116,319	10,995	10,533
77	63 429	11 434,370	102 907,036	9,000	8,538	77	77 782	14 021,769	146 463,049	10,445	9,983
78	60 848	10 727,667	91 472,666	8,527	8,065	78	75 931	13 386,895	132 441,280	9,893	9,431
79	58 081	10 014,558	80 744,999	8,063	7,601	79	73 847	12 732,960	119 054,385	9,350	8,888
80	55 150	9 299,900	70 730,441	7,606	7,143	80	71 527	12 061,575	106 321,425	8,815	8,353
81	52 038	8 582,077	61 430,540	7,158	6,696	81	68 919	11 366,056	94 259,850	8,293	7,831
82	48 680	7 851,601	52 848,464	6,731	6,269	82	65 978	10 641,587	82 893,794	7,790	7,328
83	45 143	7 120,919	44 996,863	6,319	5,857	83	62 720	9 893,512	72 252,208	7,303	6,841
84	41 466	6 396,890	37 875,943	5,921	5,459	84	59 163	9 127,077	62 358,696	6,832	6,370
85	37 651	5 680,603	31 479,053	5,541	5,079	85	55 308	8 344,575	53 231,618	6,379	5,917
86	33 710	4 974,040	25 798,450	5,187	4,725	86	51 097	7 539,704	44 887,043	5,953	5,491
87	29 742	4 291,986	20 824,411	4,852	4,390	87	46 643	6 730,946	37 347,339	5,549	5,087
88	25 813	3 643,029	16 532,425	4,538	4,076	88	41 981	5 924,908	30 616,392	5,167	4,705
89	21 974	3 033,053	12 889,396	4,250	3,788	89	37 187	5 132,784	24 691,484	4,811	4,349
90	18 346	2 476,537	9 856,342	3,980	3,518	90	32 370	4 369,679	19 558,700	4,476	4,014
91	15 015	1 982,287	7 379,806	3,723	3,261	91	27 597	3 643,282	15 189,021	4,169	3,707
92	12 026	1 552,720	5 397,519	3,476	3,014	92	22 970	2 965,811	11 545,739	3,893	3,431
93	9 316	1 176,305	3 844,798	3,269	2,807	93	18 663	2 356,691	8 579,928	3,641	3,179
94	7 048	870,387	2 668,493	3,066	2,604	94	14 763	1 823,182	6 223,237	3,413	2,951
95	5 145	621,388	1 798,106	2,894	2,432	95	11 365	1 372,664	4 400,055	3,205	2,743
96	3 652	431,400	1 176,718	2,728	2,266	96	8 492	1 003,116	3 027,392	3,018	2,556
97	2 475	285,895	745,318	2,607	2,145	97	6 067	700,805	2 024,276	2,889	2,426
98	1 642	185,494	459,423	2,477	2,015	98	4 253	480,441	1 323,471	2,755	2,293
99	1 049	115,949	273,929	2,363	1,900	99	2 921	322,745	843,030	2,612	2,150
100	647	69,875	157,980	2,261	1,799	100	1 937	209,282	520,285	2,486	2,024

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 2,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	3 470 258,761	34,703	34,240	0	100 000	100 000,000	3 545 853,998	35,459	34,996
1	99 644	97 213,438	3 370 258,761	34,669	34,206	1	99 699	97 267,771	3 445 853,998	35,426	34,964
2	99 616	94 816,162	3 273 045,324	34,520	34,057	2	99 675	94 871,858	3 348 586,227	35,296	34,833
3	99 601	92 489,132	3 178 229,161	34,363	33,901	3	99 662	92 546,413	3 253 714,369	35,158	34,695
4	99 590	90 223,470	3 085 740,029	34,201	33,739	4	99 652	90 279,872	3 161 167,956	35,015	34,553
5	99 579	88 013,520	2 995 516,559	34,035	33,572	5	99 643	88 069,496	3 070 888,084	34,869	34,406
6	99 569	85 858,223	2 907 503,039	33,864	33,402	6	99 634	85 913,805	2 982 818,589	34,719	34,256
7	99 560	83 756,505	2 821 644,816	33,689	33,226	7	99 625	83 810,932	2 896 904,783	34,565	34,102
8	99 552	81 706,625	2 737 888,311	33,509	33,046	8	99 620	81 762,965	2 813 093,851	34,405	33,943
9	99 543	79 706,963	2 656 181,687	33,324	32,862	9	99 613	79 763,187	2 731 330,887	34,243	33,781
10	99 535	77 756,669	2 576 474,723	33,135	32,673	10	99 607	77 812,983	2 651 567,699	34,076	33,614
11	99 527	75 854,154	2 498 718,054	32,941	32,479	11	99 601	75 910,665	2 573 754,716	33,905	33,443
12	99 520	73 998,325	2 422 863,900	32,742	32,280	12	99 594	74 053,459	2 497 844,051	33,730	33,268
13	99 513	72 188,518	2 348 865,574	32,538	32,076	13	99 586	72 241,604	2 423 790,592	33,551	33,089
14	99 503	70 421,070	2 276 677,056	32,329	31,867	14	99 576	70 472,973	2 351 548,989	33,368	32,906
15	99 490	68 694,162	2 206 255,986	32,117	31,655	15	99 567	68 747,781	2 281 076,016	33,180	32,718
16	99 474	67 007,981	2 137 561,824	31,900	31,438	16	99 555	67 062,845	2 212 328,235	32,989	32,526
17	99 449	65 357,462	2 070 553,843	31,680	31,218	17	99 541	65 417,532	2 145 265,390	32,793	32,331
18	99 422	63 745,858	2 005 196,382	31,456	30,994	18	99 527	63 813,292	2 079 847,858	32,593	32,130
19	99 384	62 167,251	1 941 450,524	31,229	30,767	19	99 507	62 244,605	2 016 034,566	32,389	31,926
20	99 344	60 626,857	1 879 283,273	30,998	30,535	20	99 490	60 715,829	1 953 789,961	32,179	31,717
21	99 301	59 122,611	1 818 656,415	30,761	30,298	21	99 472	59 224,004	1 893 074,132	31,965	31,502
22	99 261	57 657,221	1 759 533,804	30,517	30,055	22	99 455	57 769,989	1 833 850,128	31,744	31,282
23	99 216	56 225,428	1 701 876,583	30,269	29,806	23	99 439	56 351,788	1 776 080,139	31,518	31,055
24	99 175	54 831,611	1 645 651,155	30,013	29,550	24	99 421	54 967,461	1 719 728,351	31,286	30,824
25	99 128	53 468,853	1 590 819,543	29,752	29,290	25	99 403	53 617,141	1 664 760,890	31,049	30,587
26	99 085	52 141,891	1 537 350,690	29,484	29,022	26	99 384	52 299,456	1 611 143,749	30,806	30,344
27	99 039	50 846,795	1 485 208,800	29,209	28,747	27	99 366	51 014,257	1 558 844,293	30,557	30,095
28	98 994	49 583,719	1 434 362,005	28,928	28,466	28	99 344	49 759,297	1 507 830,036	30,302	29,840
29	98 946	48 350,906	1 384 778,286	28,640	28,178	29	99 321	48 534,216	1 458 070,740	30,042	29,580
30	98 894	47 147,008	1 336 427,380	28,346	27,884	30	99 295	47 338,202	1 409 536,524	29,776	29,313
31	98 839	45 971,259	1 289 280,372	28,045	27,583	31	99 264	46 168,965	1 362 198,322	29,505	29,042
32	98 778	44 822,387	1 243 309,114	27,739	27,276	32	99 232	45 028,750	1 316 029,357	29,226	28,764
33	98 715	43 701,433	1 198 486,727	27,424	26,962	33	99 198	43 915,435	1 271 000,607	28,942	28,480
34	98 643	42 604,349	1 154 785,294	27,105	26,642	34	99 163	42 828,889	1 227 085,171	28,651	28,188
35	98 567	41 533,232	1 112 180,945	26,778	26,316	35	99 122	41 767,318	1 184 256,282	28,354	27,891
36	98 488	40 487,719	1 070 647,713	26,444	25,981	36	99 082	40 731,809	1 142 488,964	28,049	27,587
37	98 403	39 466,265	1 030 159,993	26,102	25,640	37	99 036	39 720,130	1 101 757,155	27,738	27,276
38	98 307	38 465,946	990 693,729	25,755	25,293	38	98 989	38 732,953	1 062 037,025	27,419	26,957
39	98 202	37 487,684	952 227,783	25,401	24,939	39	98 929	37 765,451	1 023 304,072	27,096	26,634
40	98 092	36 532,609	914 740,098	25,039	24,577	40	98 870	36 822,193	985 538,621	26,765	26,302
41	97 971	35 597,455	878 207,489	24,671	24,208	41	98 802	35 899,458	948 716,428	26,427	25,965
42	97 840	34 682,902	842 610,035	24,295	23,832	42	98 729	34 997,935	912 816,970	26,082	25,620
43	97 699	33 788,227	807 927,132	23,911	23,449	43	98 651	34 117,224	877 819,035	25,729	25,267
44	97 549	32 913,368	774 138,905	23,521	23,058	44	98 561	33 254,872	843 701,811	25,371	24,908
45	97 374	32 052,868	741 225,537	23,125	22,663	45	98 465	32 412,288	810 446,939	25,004	24,542
46	97 183	31 209,840	709 172,669	22,723	22,260	46	98 352	31 585,309	778 034,651	24,633	24,170
47	96 971	30 382,272	677 962,829	22,314	21,852	47	98 232	30 777,418	746 449,342	24,253	23,791
48	96 741	29 571,053	647 580,558	21,899	21,437	48	98 098	29 985,603	715 671,924	23,867	23,405
49	96 484	28 773,197	618 009,504	21,479	21,016	49	97 941	29 207,615	685 686,320	23,476	23,014

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 2,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	27 988,004	589 236,308	21,053	20,591	50	97 770	28 445,422	656 478,706	23,079	22,616
51	95 878	27 214,601	561 248,303	20,623	20,161	51	97 589	27 700,202	628 033,284	22,673	22,210
52	95 523	26 452,540	534 033,702	20,188	19,726	52	97 380	26 966,682	600 333,082	22,262	21,800
53	95 128	25 700,495	507 581,162	19,750	19,287	53	97 153	26 247,580	573 366,400	21,845	21,382
54	94 681	24 955,873	481 880,668	19,309	18,847	54	96 903	25 541,644	547 118,820	21,421	20,958
55	94 177	24 217,757	456 924,795	18,867	18,405	55	96 623	24 846,694	521 577,177	20,992	20,529
56	93 621	23 487,383	432 707,038	18,423	17,961	56	96 310	24 162,005	496 730,483	20,558	20,096
57	93 004	22 763,573	409 219,656	17,977	17,515	57	95 965	23 488,370	472 568,477	20,119	19,657
58	92 322	22 045,525	386 456,082	17,530	17,067	58	95 588	22 825,559	449 080,108	19,674	19,212
59	91 569	21 332,402	364 410,557	17,082	16,620	59	95 173	22 171,982	426 254,549	19,225	18,762
60	90 750	20 626,099	343 078,155	16,633	16,171	60	94 725	21 529,398	404 082,567	18,769	18,306
61	89 858	19 925,189	322 452,056	16,183	15,721	61	94 225	20 893,473	382 553,169	18,310	17,847
62	88 886	19 228,849	302 526,867	15,733	15,271	62	93 689	20 267,975	361 659,697	17,844	17,381
63	87 825	18 535,837	283 298,018	15,284	14,821	63	93 115	19 652,334	341 391,721	17,372	16,909
64	86 685	17 849,050	264 762,181	14,833	14,371	64	92 486	19 043,612	321 739,387	16,895	16,432
65	85 449	17 165,519	246 913,131	14,384	13,922	65	91 795	18 440,298	302 695,775	16,415	15,952
66	84 132	16 488,593	229 747,612	13,934	13,471	66	91 063	17 847,142	284 255,476	15,927	15,465
67	82 734	15 819,301	213 259,019	13,481	13,019	67	90 265	17 259,282	266 408,334	15,436	14,973
68	81 246	15 155,720	197 439,719	13,027	12,565	68	89 410	16 678,659	249 149,052	14,938	14,476
69	79 687	14 502,470	182 283,999	12,569	12,107	69	88 474	16 101,566	232 470,393	14,438	13,975
70	78 006	13 850,221	167 781,529	12,114	11,652	70	87 452	15 527,336	216 368,827	13,935	13,472
71	76 266	13 211,047	153 931,308	11,652	11,189	71	86 350	14 957,766	200 841,491	13,427	12,965
72	74 387	12 571,253	140 720,261	11,194	10,731	72	85 167	14 392,993	185 883,725	12,915	12,452
73	72 439	11 943,501	128 149,008	10,730	10,267	73	83 905	13 833,933	171 490,732	12,396	11,934
74	70 357	11 317,239	116 205,507	10,268	9,806	74	82 528	13 274,959	157 656,799	11,876	11,414
75	68 170	10 697,991	104 888,268	9,804	9,342	75	81 055	12 720,089	144 381,840	11,351	10,888
76	65 878	10 086,152	94 190,277	9,339	8,876	76	79 496	12 171,185	131 661,750	10,817	10,355
77	63 429	9 474,362	84 104,124	8,877	8,415	77	77 782	11 618,246	119 490,565	10,285	9,822
78	60 848	8 867,118	74 629,762	8,416	7,954	78	75 931	11 065,144	107 872,320	9,749	9,286
79	58 081	8 257,497	65 762,644	7,964	7,502	79	73 847	10 498,954	96 807,176	9,221	8,758
80	55 150	7 649,524	57 505,147	7,517	7,055	80	71 527	9 921,107	86 308,222	8,699	8,237
81	52 038	7 041,869	49 855,623	7,080	6,617	81	68 919	9 326,213	76 387,115	8,191	7,728
82	48 680	6 426,777	42 813,754	6,662	6,199	82	65 978	8 710,466	67 060,902	7,699	7,236
83	45 143	5 814,475	36 386,977	6,258	5,796	83	62 720	8 078,392	58 350,436	7,223	6,761
84	41 466	5 210,541	30 572,502	5,867	5,405	84	59 163	7 434,395	50 272,044	6,762	6,300
85	37 651	4 615,809	25 361,961	5,495	5,032	85	55 308	6 780,436	42 837,649	6,318	5,855
86	33 710	4 031,828	20 746,153	5,146	4,683	86	51 097	6 111,490	36 057,213	5,900	5,437
87	29 742	3 470,488	16 714,324	4,816	4,354	87	46 643	5 442,625	29 945,723	5,502	5,040
88	25 813	2 938,558	13 243,836	4,507	4,044	88	41 981	4 779,180	24 503,098	5,127	4,665
89	21 974	2 440,570	10 305,278	4,222	3,760	89	37 187	4 130,134	19 723,918	4,776	4,313
90	18 346	1 987,904	7 864,708	3,956	3,494	90	32 370	3 507,520	15 593,784	4,446	3,983
91	15 015	1 587,291	5 876,804	3,702	3,240	91	27 597	2 917,312	12 086,264	4,143	3,681
92	12 026	1 240,288	4 289,513	3,458	2,996	92	22 970	2 369,044	9 168,953	3,870	3,408
93	9 316	937,323	3 049,224	3,253	2,791	93	18 663	1 877,896	6 799,909	3,621	3,159
94	7 048	691,864	2 111,902	3,052	2,590	94	14 763	1 449,233	4 922,013	3,396	2,934
95	5 145	492,732	1 420,038	2,882	2,420	95	11 365	1 088,459	3 472,779	3,191	2,728
96	3 652	341,246	927,306	2,717	2,255	96	8 492	793,484	2 384,321	3,005	2,542
97	2 475	225,597	586,060	2,598	2,135	97	6 067	552,998	1 590,836	2,877	2,414
98	1 642	146,014	360,462	2,469	2,006	98	4 253	378,187	1 037,838	2,744	2,282
99	1 049	91,048	214,448	2,355	1,893	99	2 921	253,434	659,651	2,603	2,140
100	647	54,735	123,400	2,254	1,792	100	1 937	163,937	406,217	2,478	2,015

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 2,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	3 254 134,270	32,541	32,079	0	100 000	100 000,000	3 317 690,158	33,177	32,714
1	99 644	96 976,909	3 154 134,270	32,525	32,062	1	99 699	97 031,110	3 217 690,158	33,161	32,699
2	99 616	94 355,331	3 057 157,362	32,400	31,938	2	99 675	94 410,756	3 120 659,048	33,054	32,591
3	99 601	91 815,670	2 962 802,031	32,269	31,806	3	99 662	91 872,534	3 026 248,292	32,940	32,477
4	99 590	89 348,582	2 870 986,360	32,132	31,670	4	99 652	89 404,437	2 934 375,758	32,821	32,359
5	99 579	86 947,994	2 781 637,778	31,992	31,529	5	99 643	87 003,292	2 844 971,321	32,700	32,237
6	99 569	84 612,418	2 694 689,785	31,847	31,385	6	99 634	84 667,194	2 757 968,030	32,574	32,111
7	99 560	82 340,366	2 610 077,367	31,699	31,236	7	99 625	82 393,872	2 673 300,836	32,445	31,983
8	99 552	80 129,706	2 527 737,002	31,546	31,083	8	99 620	80 184,958	2 590 906,964	32,312	31,849
9	99 543	77 978,446	2 447 607,296	31,388	30,925	9	99 613	78 033,451	2 510 722,005	32,175	31,712
10	99 535	75 885,360	2 369 628,849	31,226	30,764	10	99 607	75 940,319	2 432 688,554	32,034	31,571
11	99 527	73 848,513	2 293 743,490	31,060	30,597	11	99 601	73 903,529	2 356 748,236	31,890	31,427
12	99 520	71 866,469	2 219 894,977	30,889	30,426	12	99 594	71 920,014	2 282 844,706	31,741	31,279
13	99 513	69 938,221	2 148 028,507	30,713	30,250	13	99 586	69 989,651	2 210 924,692	31,589	31,126
14	99 503	68 059,869	2 078 090,287	30,533	30,070	14	99 576	68 110,032	2 140 935,040	31,433	30,971
15	99 490	66 229,329	2 010 030,418	30,350	29,887	15	99 567	66 281,023	2 072 825,009	31,273	30,810
16	99 474	64 446,463	1 943 801,089	30,161	29,699	16	99 555	64 499,230	2 006 543,986	31,110	30,647
17	99 449	62 706,097	1 879 354,626	29,971	29,508	17	99 541	62 763,730	1 942 044,755	30,942	30,479
18	99 422	61 011,064	1 816 648,529	29,776	29,313	18	99 527	61 075,605	1 879 281,025	30,770	30,307
19	99 384	59 355,412	1 755 637,465	29,578	29,116	19	99 507	59 429,267	1 818 205,420	30,594	30,132
20	99 344	57 743,852	1 696 282,053	29,376	28,913	20	99 490	57 828,593	1 758 776,153	30,414	29,951
21	99 301	56 174,128	1 638 538,201	29,169	28,706	21	99 472	56 270,464	1 700 947,559	30,228	29,765
22	99 261	54 648,529	1 582 364,073	28,955	28,492	22	99 455	54 755,412	1 644 677,095	30,037	29,574
23	99 216	53 161,787	1 527 715,544	28,737	28,274	23	99 439	53 281,262	1 589 921,684	29,840	29,377
24	99 175	51 717,777	1 474 553,757	28,512	28,049	24	99 421	51 845,911	1 536 640,421	29,639	29,176
25	99 128	50 309,701	1 422 835,980	28,282	27,819	25	99 403	50 449,228	1 484 794,510	29,431	28,969
26	99 085	48 941,771	1 372 526,279	28,044	27,581	26	99 384	49 089,666	1 434 345,282	29,219	28,756
27	99 039	47 610,037	1 323 584,508	27,801	27,338	27	99 366	47 766,839	1 385 255,616	29,000	28,538
28	98 994	46 314,403	1 275 974,471	27,550	27,087	28	99 344	46 478,404	1 337 488,777	28,777	28,314
29	98 946	45 052,990	1 229 660,067	27,294	26,831	29	99 321	45 223,798	1 291 010,373	28,547	28,084
30	98 894	43 824,320	1 184 607,077	27,031	26,568	30	99 295	44 002,039	1 245 786,575	28,312	27,849
31	98 839	42 627,462	1 140 782,757	26,762	26,299	31	99 264	42 810,788	1 201 784,536	28,072	27,609
32	98 778	41 461,030	1 098 155,295	26,486	26,024	32	99 232	41 651,918	1 158 973,748	27,825	27,362
33	98 715	40 325,785	1 056 694,265	26,204	25,741	33	99 198	40 523,257	1 117 321,830	27,572	27,110
34	98 643	39 217,790	1 016 368,480	25,916	25,453	34	99 163	39 424,482	1 076 798,573	27,313	26,850
35	98 567	38 138,794	977 150,690	25,621	25,158	35	99 122	38 353,748	1 037 374,092	27,048	26,585
36	98 488	37 088,269	939 011,896	25,318	24,855	36	99 082	37 311,865	999 020,344	26,775	26,312
37	98 403	36 064,616	901 923,627	25,009	24,546	37	99 036	36 296,601	961 708,479	26,496	26,033
38	98 307	35 064,992	865 859,011	24,693	24,230	38	98 989	35 308,391	925 411,879	26,209	25,747
39	98 202	34 090,076	830 794,019	24,371	23,908	39	98 929	34 342,668	890 103,487	25,918	25,455
40	98 092	33 140,731	796 703,943	24,040	23,577	40	98 870	33 403,429	855 760,819	25,619	25,156
41	97 971	32 213,831	763 563,212	23,703	23,240	41	98 802	32 487,128	822 357,390	25,313	24,851
42	97 840	31 309,844	731 349,381	23,358	22,896	42	98 729	31 594,238	789 870,262	25,000	24,538
43	97 699	30 427,965	700 039,537	23,006	22,544	43	98 651	30 724,243	758 276,024	24,680	24,217
44	97 549	29 567,994	669 611,573	22,647	22,184	44	98 561	29 874,787	727 551,781	24,353	23,891
45	97 374	28 724,896	640 043,579	22,282	21,819	45	98 465	29 046,998	697 676,995	24,019	23,556
46	97 183	27 901,345	611 318,683	21,910	21,447	46	98 352	28 237,012	668 629,997	23,679	23,216
47	96 971	27 095,420	583 417,338	21,532	21,069	47	98 232	27 447,818	640 392,985	23,331	22,868
48	96 741	26 307,796	556 321,918	21,147	20,684	48	98 098	26 676,599	612 945,167	22,977	22,514
49	96 484	25 535,703	530 014,122	20,756	20,293	49	97 941	25 921,241	586 268,568	22,617	22,154

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 2,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	24 778,424	504 478,419	20,360	19,897	50	97 770	25 183,386	560 347,327	22,251	21,788
51	95 878	24 035,090	479 699,995	19,958	19,495	51	97 589	24 463,957	535 163,941	21,876	21,413
52	95 523	23 305,219	455 664,905	19,552	19,089	52	97 380	23 758,188	510 699,983	21,496	21,033
53	95 128	22 587,561	432 359,686	19,141	18,679	53	97 153	23 068,381	486 941,795	21,109	20,646
54	94 681	21 879,764	409 772,126	18,728	18,266	54	96 903	22 393,332	463 873,414	20,715	20,252
55	94 177	21 180,969	387 892,361	18,313	17,850	55	96 623	21 731,041	441 480,082	20,316	19,853
56	93 621	20 492,200	366 711,392	17,895	17,432	56	96 310	21 080,792	419 749,041	19,911	19,449
57	93 004	19 812,370	346 219,193	17,475	17,012	57	95 965	20 443,199	398 668,249	19,501	19,038
58	92 322	19 140,729	326 406,823	17,053	16,590	58	95 588	19 817,983	378 225,050	19,085	18,622
59	91 569	18 476,505	307 266,094	16,630	16,167	59	95 173	19 203,685	358 407,067	18,663	18,201
60	90 750	17 821,292	288 789,590	16,205	15,742	60	94 725	18 601,757	339 203,382	18,235	17,772
61	89 858	17 173,807	270 968,297	15,778	15,315	61	94 225	18 008,384	320 601,625	17,803	17,340
62	88 886	16 533,296	253 794,490	15,351	14,888	62	93 689	17 426,755	302 593,241	17,364	16,901
63	87 825	15 898,655	237 261,194	14,923	14,461	63	93 115	16 856,303	285 166,486	16,917	16,455
64	86 685	15 272,331	221 362,539	14,494	14,032	64	92 486	16 294,445	268 310,182	16,466	16,004
65	85 449	14 651,740	206 090,208	14,066	13,603	65	91 795	15 739,836	252 015,738	16,011	15,549
66	84 132	14 039,702	191 438,468	13,636	13,173	66	91 063	15 196,480	236 275,902	15,548	15,085
67	82 734	13 437,040	177 398,766	13,202	12,739	67	90 265	14 660,172	221 079,422	15,080	14,617
68	81 246	12 842,067	163 961,725	12,768	12,305	68	89 410	14 132,516	206 419,250	14,606	14,143
69	79 687	12 258,642	151 119,658	12,328	11,865	69	88 474	13 610,326	192 286,734	14,128	13,665
70	78 006	11 678,825	138 861,016	11,890	11,427	70	87 452	13 093,007	178 676,408	13,647	13,184
71	76 266	11 112,754	127 182,191	11,445	10,982	71	86 350	12 582,044	165 583,401	13,160	12,697
72	74 387	10 548,849	116 069,437	11,003	10,540	72	85 167	12 077,516	153 001,357	12,668	12,205
73	72 439	9 997,702	105 520,588	10,554	10,092	73	83 905	11 580,151	140 923,841	12,169	11,707
74	70 357	9 450,419	95 522,886	10,108	9,645	74	82 528	11 085,206	129 343,690	11,668	11,205
75	68 170	8 911,583	86 072,466	9,658	9,196	75	81 055	10 596,020	118 258,484	11,161	10,698
76	65 878	8 381,469	77 160,884	9,206	8,743	76	79 496	10 114,106	107 662,464	10,645	10,182
77	63 429	7 853,923	68 779,414	8,757	8,295	77	77 782	9 631,130	97 548,358	10,128	9,666
78	60 848	7 332,654	60 925,491	8,309	7,846	78	75 931	9 150,309	87 917,228	9,608	9,145
79	58 081	6 811,915	53 592,837	7,868	7,405	79	73 847	8 660,975	78 766,919	9,094	8,632
80	55 150	6 295,021	46 780,922	7,431	6,969	80	71 527	8 164,374	70 105,944	8,587	8,124
81	52 038	5 780,864	40 485,901	7,003	6,541	81	68 919	7 656,145	61 941,569	8,090	7,628
82	48 680	5 263,081	34 705,037	6,594	6,131	82	65 978	7 133,263	54 285,424	7,610	7,147
83	45 143	4 750,064	29 441,956	6,198	5,735	83	62 720	6 599,543	47 152,161	7,145	6,682
84	41 466	4 246,330	24 691,892	5,815	5,352	84	59 163	6 058,660	40 552,618	6,693	6,231
85	37 651	3 752,501	20 445,562	5,449	4,986	85	55 308	5 512,271	34 493,959	6,258	5,795
86	33 710	3 269,769	16 693,062	5,105	4,642	86	51 097	4 956,352	28 981,688	5,847	5,385
87	29 742	2 807,680	13 423,293	4,781	4,318	87	46 643	4 403,170	24 025,336	5,456	4,994
88	25 813	2 371,556	10 615,613	4,476	4,013	88	41 981	3 857,025	19 622,166	5,087	4,625
89	21 974	1 964,863	8 244,057	4,196	3,733	89	37 187	3 325,104	15 765,142	4,741	4,278
90	18 346	1 596,535	6 279,194	3,933	3,470	90	32 370	2 816,977	12 440,037	4,416	3,953
91	15 015	1 271,692	4 682,658	3,682	3,219	91	27 597	2 337,265	9 623,060	4,117	3,654
92	12 026	991,265	3 410,967	3,441	2,978	92	22 970	1 893,391	7 285,795	3,848	3,385
93	9 316	747,306	2 419,702	3,238	2,775	93	18 663	1 497,203	5 392,404	3,602	3,139
94	7 048	550,265	1 672,396	3,039	2,576	94	14 763	1 152,629	3 895,201	3,379	2,917
95	5 145	390,935	1 122,131	2,870	2,408	95	11 365	863,585	2 742,572	3,176	2,713
96	3 652	270,087	731,196	2,707	2,244	96	8 492	628,020	1 878,986	2,992	2,529
97	2 475	178,119	461,109	2,589	2,126	97	6 067	436,618	1 250,966	2,865	2,402
98	1 642	115,005	282,990	2,461	1,998	98	4 253	297,869	814,348	2,734	2,271
99	1 049	71,537	167,985	2,348	1,885	99	2 921	199,125	516,479	2,594	2,131
100	647	42,901	96,448	2,248	1,785	100	1 937	128,493	317,354	2,470	2,007

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 3 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	3 059 866,907	30,599	30,135	0	100 000	100 000,000	3 113 423,948	31,134	30,671
1	99 644	96 741,528	2 959 866,907	30,596	30,132	1	99 699	96 795,598	3 013 423,948	31,132	30,669
2	99 616	93 897,851	2 863 125,379	30,492	30,029	2	99 675	93 953,008	2 916 628,350	31,043	30,580
3	99 601	91 148,731	2 769 227,528	30,381	29,918	3	99 662	91 205,181	2 822 675,342	30,949	30,485
4	99 590	88 484,273	2 678 078,797	30,266	29,803	4	99 652	88 539,588	2 731 470,161	30,850	30,387
5	99 579	85 897,909	2 589 594,523	30,147	29,684	5	99 643	85 952,540	2 642 930,573	30,749	30,285
6	99 569	83 387,651	2 503 696,614	30,025	29,562	6	99 634	83 441,634	2 556 978,033	30,644	30,181
7	99 560	80 951,524	2 420 308,963	29,898	29,435	7	99 625	81 004,129	2 473 536,399	30,536	30,073
8	99 552	78 586,943	2 339 357,439	29,768	29,305	8	99 620	78 641,132	2 392 532,270	30,423	29,960
9	99 543	76 291,478	2 260 770,496	29,633	29,170	9	99 613	76 345,293	2 313 891,139	30,308	29,845
10	99 535	74 063,470	2 184 479,017	29,495	29,031	10	99 607	74 117,109	2 237 545,846	30,189	29,726
11	99 527	71 900,584	2 110 415,547	29,352	28,889	11	99 601	71 954,150	2 163 428,736	30,067	29,604
12	99 520	69 800,990	2 038 514,963	29,205	28,741	12	99 594	69 852,996	2 091 474,587	29,941	29,478
13	99 513	67 763,286	1 968 713,974	29,053	28,590	13	99 586	67 813,117	2 021 621,591	29,812	29,348
14	99 503	65 783,290	1 900 950,688	28,897	28,434	14	99 576	65 831,775	1 953 808,474	29,679	29,216
15	99 490	63 858,607	1 835 167,398	28,738	28,275	15	99 567	63 908,451	1 887 976,700	29,542	29,079
16	99 474	61 988,736	1 771 308,791	28,575	28,111	16	99 555	62 039,491	1 824 068,249	29,402	28,939
17	99 449	60 168,345	1 709 320,055	28,409	27,946	17	99 541	60 223,646	1 762 028,758	29,258	28,795
18	99 422	58 399,819	1 649 151,710	28,239	27,776	18	99 527	58 461,598	1 701 805,111	29,110	28,647
19	99 384	56 677,128	1 590 751,890	28,067	27,604	19	99 507	56 747,651	1 643 343,513	28,959	28,496
20	99 344	55 004,456	1 534 074,762	27,890	27,427	20	99 490	55 085,177	1 586 595,862	28,803	28,339
21	99 301	53 379,323	1 479 070,307	27,709	27,245	21	99 472	53 470,866	1 531 510,686	28,642	28,179
22	99 261	51 803,583	1 425 690,984	27,521	27,058	22	99 455	51 904,902	1 478 039,820	28,476	28,013
23	99 216	50 271,924	1 373 887,400	27,329	26,866	23	99 439	50 384,904	1 426 134,917	28,305	27,842
24	99 175	48 787,705	1 323 615,476	27,130	26,667	24	99 421	48 908,580	1 375 750,013	28,129	27,666
25	99 128	47 344,211	1 274 827,771	26,927	26,464	25	99 403	47 475,514	1 326 841,433	27,948	27,485
26	99 085	45 945,124	1 227 483,560	26,716	26,253	26	99 384	46 083,964	1 279 365,920	27,762	27,298
27	99 039	44 586,448	1 181 538,436	26,500	26,037	27	99 366	44 733,292	1 233 281,956	27,570	27,106
28	98 994	43 267,822	1 136 951,988	26,277	25,814	28	99 344	43 421,035	1 188 548,664	27,373	26,909
29	98 946	41 987,227	1 093 684,165	26,048	25,585	29	99 321	42 146,411	1 145 127,629	27,170	26,707
30	98 894	40 743,033	1 051 696,938	25,813	25,350	30	99 295	40 908,257	1 102 981,218	26,962	26,499
31	98 839	39 534,136	1 010 953,905	25,572	25,108	31	99 264	39 704,159	1 062 072,960	26,750	26,286
32	98 778	38 359,018	971 419,769	25,324	24,861	32	99 232	38 535,623	1 022 368,801	26,530	26,067
33	98 715	37 218,153	933 060,751	25,070	24,607	33	99 198	37 400,408	983 833,178	26,305	25,842
34	98 643	36 107,691	895 842,597	24,810	24,347	34	99 163	36 297,991	946 432,770	26,074	25,611
35	98 567	35 029,034	859 734,906	24,543	24,080	35	99 122	35 226,461	910 134,779	25,837	25,373
36	98 488	33 981,487	824 705,873	24,269	23,806	36	99 082	34 186,352	874 908,318	25,592	25,129
37	98 403	32 963,379	790 724,386	23,988	23,525	37	99 036	33 175,415	840 721,966	25,342	24,878
38	98 307	31 971,923	757 761,006	23,701	23,238	38	98 989	32 193,853	807 546,550	25,084	24,621
39	98 202	31 007,561	725 789,083	23,407	22,944	39	98 929	31 237,312	775 352,697	24,821	24,358
40	98 092	30 070,892	694 781,522	23,105	22,642	40	98 870	30 309,256	744 115,385	24,551	24,088
41	97 971	29 158,905	664 710,630	22,796	22,333	41	98 802	29 406,285	713 806,129	24,274	23,811
42	97 840	28 271,858	635 551,725	22,480	22,017	42	98 729	28 528,657	684 399,844	23,990	23,527
43	97 699	27 408,859	607 279,867	22,156	21,693	43	98 651	27 675,740	655 871,187	23,698	23,235
44	97 549	26 569,569	579 871,008	21,825	21,361	44	98 561	26 845,251	628 195,447	23,401	22,937
45	97 374	25 749,318	553 301,439	21,488	21,025	45	98 465	26 038,054	601 350,196	23,095	22,632
46	97 183	24 950,371	527 552,122	21,144	20,681	46	98 352	25 250,536	575 312,142	22,784	22,321
47	96 971	24 170,874	502 601,750	20,794	20,330	47	98 232	24 485,236	550 061,606	22,465	22,002
48	96 741	23 411,301	478 430,876	20,436	19,973	48	98 098	23 739,499	525 576,370	22,139	21,676
49	96 484	22 669,060	455 019,575	20,072	19,609	49	97 941	23 011,317	501 836,871	21,808	21,345

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 3 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	21 943,402	432 350,515	19,703	19,240	50	97 770	22 302,031	478 825,554	21,470	21,007
51	95 878	21 233,454	410 407,113	19,328	18,865	51	97 589	21 612,331	456 523,523	21,123	20,660
52	95 523	20 538,688	389 173,659	18,948	18,485	52	97 380	20 937,886	434 911,192	20,771	20,308
53	95 128	19 857,905	368 634,971	18,564	18,100	53	97 153	20 280,620	413 973,306	20,412	19,949
54	94 681	19 188,956	348 777,066	18,176	17,713	54	96 903	19 639,365	393 692,686	20,046	19,583
55	94 177	18 531,012	329 588,109	17,786	17,323	55	96 623	19 012,265	374 053,322	19,674	19,211
56	93 621	17 884,900	311 057,097	17,392	16,929	56	96 310	18 398,603	355 041,057	19,297	18,834
57	93 004	17 249,597	293 172,197	16,996	16,533	57	95 965	17 798,827	336 642,454	18,914	18,451
58	92 322	16 624,386	275 922,600	16,597	16,134	58	95 588	17 212,604	318 843,626	18,524	18,061
59	91 569	16 008,534	259 298,214	16,197	15,734	59	95 173	16 638,582	301 631,022	18,128	17,665
60	90 750	15 403,363	243 289,680	15,795	15,331	60	94 725	16 077,937	284 992,440	17,726	17,262
61	89 858	14 807,698	227 886,318	15,390	14,926	61	94 225	15 527,292	268 914,503	17,319	16,856
62	88 886	14 220,832	213 078,620	14,984	14,520	62	93 689	14 989,326	253 387,211	16,905	16,441
63	87 825	13 641,765	198 857,788	14,577	14,114	63	93 115	14 463,470	238 397,886	16,483	16,020
64	86 685	13 072,544	185 216,023	14,168	13,705	64	92 486	13 947,435	223 934,416	16,056	15,592
65	85 449	12 510,901	172 143,480	13,759	13,296	65	91 795	13 440,010	209 986,981	15,624	15,161
66	84 132	11 959,193	159 632,579	13,348	12,885	66	91 063	12 944,551	196 546,971	15,184	14,721
67	82 734	11 418,057	147 673,385	12,933	12,470	67	90 265	12 457,407	183 602,421	14,738	14,275
68	81 246	10 885,995	136 255,328	12,517	12,053	68	89 410	11 979,886	171 145,014	14,286	13,823
69	79 687	10 366,214	125 369,333	12,094	11,631	69	88 474	11 509,232	159 165,128	13,829	13,366
70	78 006	9 851,935	115 003,119	11,673	11,210	70	87 452	11 044,900	147 655,896	13,369	12,905
71	76 266	9 351,660	105 151,183	11,244	10,781	71	86 350	10 588,105	136 610,996	12,902	12,439
72	74 387	8 855,574	95 799,523	10,818	10,355	72	85 167	10 138,863	126 022,891	12,430	11,966
73	72 439	8 372,524	86 943,950	10,384	9,921	73	83 905	9 697,738	115 884,028	11,950	11,486
74	70 357	7 894,996	78 571,425	9,952	9,489	74	82 528	9 260,717	106 186,290	11,466	11,003
75	68 170	7 426,775	70 676,429	9,516	9,053	75	81 055	8 830,559	96 925,574	10,976	10,513
76	65 878	6 968,033	63 249,654	9,077	8,614	76	79 496	8 408,481	88 095,014	10,477	10,014
77	63 429	6 513,603	56 281,621	8,641	8,177	77	77 782	7 987,519	79 686,533	9,976	9,513
78	60 848	6 066,531	49 768,018	8,204	7,740	78	75 931	7 570,334	71 699,014	9,471	9,008
79	58 081	5 622,029	43 701,486	7,773	7,310	79	73 847	7 148,100	64 128,680	8,971	8,508
80	55 150	5 182,814	38 079,457	7,347	6,884	80	71 527	6 721,890	56 980,580	8,477	8,014
81	52 038	4 747,947	32 896,643	6,929	6,465	81	68 919	6 288,155	50 258,691	7,993	7,529
82	48 680	4 312,189	28 148,696	6,528	6,064	82	65 978	5 844,481	43 970,536	7,523	7,060
83	45 143	3 882,413	23 836,508	6,140	5,676	83	62 720	5 394,064	38 126,055	7,068	6,605
84	41 466	3 462,268	19 954,095	5,763	5,300	84	59 163	4 939,960	32 731,991	6,626	6,163
85	37 651	3 052,195	16 491,827	5,403	4,940	85	55 308	4 483,550	27 792,030	6,199	5,735
86	33 710	2 653,097	13 439,633	5,066	4,602	86	51 097	4 021,594	23 308,480	5,796	5,333
87	29 742	2 272,628	10 786,535	4,746	4,283	87	46 643	3 564,069	19 286,886	5,411	4,948
88	25 813	1 914,956	8 513,908	4,446	3,983	88	41 981	3 114,424	15 722,817	5,048	4,585
89	21 974	1 582,713	6 598,952	4,169	3,706	89	37 187	2 678,399	12 608,393	4,707	4,244
90	18 346	1 282,901	5 016,239	3,910	3,447	90	32 370	2 263,590	9 929,994	4,387	3,924
91	15 015	1 019,391	3 733,338	3,662	3,199	91	27 597	1 873,558	7 666,404	4,092	3,629
92	12 026	792,672	2 713,947	3,424	2,961	92	22 970	1 514,063	5 792,846	3,826	3,363
93	9 316	596,138	1 921,275	3,223	2,760	93	18 663	1 194,343	4 278,783	3,583	3,119
94	7 048	437,890	1 325,137	3,026	2,563	94	14 763	917,239	3 084,440	3,363	2,900
95	5 145	310,343	887,247	2,859	2,396	95	11 365	685,556	2 167,201	3,161	2,698
96	3 652	213,887	576,904	2,697	2,234	96	8 492	497,343	1 481,645	2,979	2,516
97	2 475	140,714	363,017	2,580	2,117	97	6 067	344,928	984,302	2,854	2,390
98	1 642	90,633	222,302	2,453	1,990	98	4 253	234,745	639,374	2,724	2,260
99	1 049	56,240	131,669	2,341	1,878	99	2 921	156,546	404,629	2,585	2,122
100	647	33,646	75,429	2,242	1,779	100	1 937	100,772	248,083	2,462	1,999

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 3,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	2 884 736,541	28,847	28,384	0	100 000	100 000,000	2 929 975,609	29,300	28,836
1	99 644	96 507,287	2 784 736,541	28,855	28,392	1	99 699	96 561,226	2 829 975,609	29,308	28,844
2	99 616	93 443,691	2 688 229,254	28,768	28,305	2	99 675	93 498,581	2 733 414,383	29,235	28,771
3	99 601	90 488,236	2 594 785,563	28,675	28,212	3	99 662	90 544,277	2 639 915,803	29,156	28,692
4	99 590	87 630,390	2 504 297,328	28,578	28,114	4	99 652	87 685,171	2 549 371,526	29,074	28,611
5	99 579	84 863,007	2 416 666,937	28,477	28,014	5	99 643	84 916,979	2 461 686,355	28,989	28,526
6	99 569	82 183,517	2 331 803,930	28,373	27,910	6	99 634	82 236,721	2 376 769,376	28,902	28,438
7	99 560	79 589,391	2 249 620,413	28,265	27,802	7	99 625	79 641,110	2 294 532,655	28,811	28,347
8	99 552	77 077,516	2 170 031,022	28,154	27,690	8	99 620	77 130,664	2 214 891,545	28,716	28,252
9	99 543	74 644,963	2 092 953,506	28,039	27,575	9	99 613	74 697,617	2 137 760,881	28,619	28,155
10	99 535	72 289,580	2 018 308,542	27,920	27,456	10	99 607	72 341,934	2 063 063,264	28,518	28,055
11	99 527	70 008,573	1 946 018,963	27,797	27,333	11	99 601	70 060,729	1 990 721,330	28,414	27,951
12	99 520	67 799,666	1 876 010,389	27,670	27,206	12	99 594	67 850,181	1 920 660,601	28,307	27,844
13	99 513	65 661,015	1 808 210,724	27,539	27,075	13	99 586	65 709,300	1 852 810,420	28,197	27,733
14	99 503	63 588,106	1 742 549,709	27,404	26,940	14	99 576	63 634,973	1 787 101,120	28,084	27,620
15	99 490	61 578,188	1 678 961,603	27,266	26,802	15	99 567	61 626,252	1 723 466,147	27,966	27,503
16	99 474	59 630,357	1 617 383,414	27,123	26,660	16	99 555	59 679,181	1 661 839,894	27,846	27,383
17	99 449	57 739,080	1 557 753,057	26,979	26,516	17	99 541	57 792,149	1 602 160,713	27,723	27,259
18	99 422	55 906,263	1 500 013,977	26,831	26,367	18	99 527	55 965,404	1 544 368,564	27,595	27,131
19	99 384	54 125,754	1 444 107,714	26,681	26,217	19	99 507	54 193,102	1 488 403,161	27,465	27,001
20	99 344	52 401,191	1 389 981,960	26,526	26,062	20	99 490	52 478,092	1 434 210,059	27,330	26,866
21	99 301	50 729,843	1 337 580,769	26,367	25,903	21	99 472	50 816,842	1 381 731,967	27,190	26,727
22	99 261	49 113,108	1 286 850,926	26,202	25,738	22	99 455	49 209,165	1 330 915,125	27,046	26,582
23	99 216	47 545,595	1 237 737,818	26,033	25,569	23	99 439	47 652,448	1 281 705,960	26,897	26,433
24	99 175	46 030,144	1 190 192,223	25,857	25,393	24	99 421	46 144,187	1 234 053,512	26,743	26,280
25	99 128	44 560,083	1 144 162,079	25,677	25,213	25	99 403	44 683,664	1 187 909,325	26,585	26,121
26	99 085	43 138,566	1 099 601,996	25,490	25,026	26	99 384	43 268,924	1 143 225,661	26,421	25,958
27	99 039	41 761,522	1 056 463,430	25,298	24,834	27	99 366	41 899,062	1 099 956,736	26,253	25,789
28	98 994	40 428,315	1 014 701,908	25,099	24,635	28	99 344	40 571,473	1 058 057,675	26,079	25,615
29	98 946	39 136,768	974 273,593	24,894	24,430	29	99 321	39 285,145	1 017 486,202	25,900	25,436
30	98 894	37 885,087	935 136,825	24,684	24,220	30	99 295	38 038,721	978 201,056	25,716	25,252
31	98 839	36 671,979	897 251,738	24,467	24,003	31	99 264	36 829,693	940 162,335	25,527	25,064
32	98 778	35 495,781	860 579,758	24,245	23,781	32	99 232	35 659,204	903 332,642	25,332	24,869
33	98 715	34 356,684	825 083,977	24,015	23,552	33	99 198	34 524,926	867 673,437	25,132	24,668
34	98 643	33 250,892	790 727,293	23,781	23,317	34	99 163	33 426,136	833 148,511	24,925	24,461
35	98 567	32 179,472	757 476,400	23,539	23,075	35	99 122	32 360,838	799 722,375	24,713	24,249
36	98 488	31 141,555	725 296,929	23,290	22,827	36	99 082	31 329,299	767 361,536	24,493	24,030
37	98 403	30 135,390	694 155,374	23,035	22,571	37	99 036	30 329,235	736 032,237	24,268	23,804
38	98 307	29 158,220	664 019,984	22,773	22,309	38	98 989	29 360,618	705 703,002	24,036	23,572
39	98 202	28 210,255	634 861,764	22,505	22,041	39	98 929	28 419,280	676 342,384	23,799	23,335
40	98 092	27 291,845	606 651,509	22,228	21,765	40	98 870	27 508,180	647 923,104	23,554	23,090
41	97 971	26 400,062	579 359,664	21,945	21,482	41	98 802	26 624,037	620 414,924	23,303	22,839
42	97 840	25 534,964	552 959,602	21,655	21,191	42	98 729	25 766,904	593 790,887	23,045	22,581
43	97 699	24 695,568	527 424,638	21,357	20,893	43	98 651	24 936,030	568 023,984	22,779	22,316
44	97 549	23 881,398	502 729,070	21,051	20,587	44	98 561	24 129,188	543 087,954	22,508	22,044
45	97 374	23 088,096	478 847,672	20,740	20,276	45	98 465	23 346,991	518 958,766	22,228	21,764
46	97 183	22 317,553	455 759,576	20,422	19,958	46	98 352	22 586,044	495 611,775	21,943	21,480
47	96 971	21 567,961	433 442,023	20,097	19,633	47	98 232	21 848,469	473 025,731	21,650	21,187
48	96 741	20 839,603	411 874,062	19,764	19,300	48	98 098	21 131,749	451 177,262	21,351	20,887
49	96 484	20 130,037	391 034,459	19,425	18,962	49	97 941	20 433,960	430 045,513	21,046	20,582

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 3,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	19 438,475	370 904,423	19,081	18,617	50	97 770	19 756,165	409 611,553	20,733	20,270
51	95 878	18 764,026	351 465,948	18,731	18,267	51	97 589	19 098,840	389 855,389	20,413	19,949
52	95 523	18 106,113	332 701,922	18,375	17,911	52	97 380	18 458,031	370 756,549	20,086	19,623
53	95 128	17 463,575	314 595,808	18,014	17,551	53	97 153	17 835,321	352 298,518	19,753	19,289
54	94 681	16 834,423	297 132,233	17,650	17,187	54	96 903	17 229,565	334 463,197	19,412	18,949
55	94 177	16 217,847	280 297,810	17,283	16,820	55	96 623	16 639,026	317 233,632	19,066	18,602
56	93 621	15 614,487	264 079,964	16,912	16,449	56	96 310	16 062,978	300 594,606	18,714	18,250
57	93 004	15 023,369	248 465,477	16,539	16,075	57	95 965	15 501,715	284 531,628	18,355	17,891
58	92 322	14 443,789	233 442,108	16,162	15,698	58	95 588	14 954,852	269 029,913	17,989	17,526
59	91 569	13 875,041	218 998,319	15,784	15,320	59	95 173	14 421,121	254 075,061	17,618	17,155
60	90 750	13 318,196	205 123,279	15,402	14,938	60	94 725	13 901,453	239 653,940	17,239	16,776
61	89 858	12 772,166	191 805,083	15,017	14,554	61	94 225	13 392,842	225 752,487	16,856	16,393
62	88 886	12 236,274	179 032,916	14,631	14,168	62	93 689	12 897,522	212 359,646	16,465	16,002
63	87 825	11 709,596	166 796,642	14,244	13,781	63	93 115	12 414,918	199 462,123	16,066	15,603
64	86 685	11 193,828	155 087,046	13,855	13,391	64	92 486	11 942,984	187 047,205	15,662	15,198
65	85 449	10 686,962	143 893,218	13,464	13,001	65	91 795	11 480,618	175 104,221	15,252	14,789
66	84 132	10 190,951	133 206,256	13,071	12,607	66	91 063	11 030,617	163 623,603	14,834	14,370
67	82 734	9 706,267	123 015,305	12,674	12,210	67	90 265	10 589,798	152 592,985	14,409	13,946
68	81 246	9 231,565	113 309,038	12,274	11,810	68	89 410	10 159,208	142 003,188	13,978	13,514
69	79 687	8 769,494	104 077,473	11,868	11,405	69	88 474	9 736,451	131 843,979	13,541	13,078
70	78 006	8 314,250	95 307,979	11,463	11,000	70	87 452	9 321,017	122 107,529	13,100	12,637
71	76 266	7 872,948	86 993,730	11,050	10,586	71	86 350	8 913,882	112 786,512	12,653	12,189
72	74 387	7 437,253	79 120,782	10,638	10,175	72	85 167	8 515,008	103 872,629	12,199	11,735
73	72 439	7 014,544	71 683,529	10,219	9,756	73	83 905	8 124,814	95 357,621	11,737	11,273
74	70 357	6 598,452	64 668,986	9,801	9,337	74	82 528	7 739,890	87 232,806	11,271	10,807
75	68 170	6 192,095	58 070,533	9,378	8,915	75	81 055	7 362,504	79 492,917	10,797	10,333
76	65 878	5 795,551	51 878,438	8,951	8,488	76	79 496	6 993,620	72 130,413	10,314	9,850
77	63 429	5 404,468	46 082,888	8,527	8,063	77	77 782	6 627,406	65 136,793	9,828	9,365
78	60 848	5 021,336	40 678,420	8,101	7,637	78	75 931	6 266,050	58 509,387	9,338	8,874
79	58 081	4 642,149	35 657,084	7,681	7,218	79	73 847	5 902,237	52 243,337	8,851	8,388
80	55 150	4 269,124	31 014,935	7,265	6,801	80	71 527	5 536,873	46 341,101	8,370	7,906
81	52 038	3 901,451	26 745,811	6,855	6,392	81	68 919	5 167,061	40 804,228	7,897	7,433
82	48 680	3 534,803	22 844,360	6,463	5,999	82	65 978	4 790,859	35 637,168	7,439	6,975
83	45 143	3 174,800	19 309,557	6,082	5,619	83	62 720	4 410,936	30 846,308	6,993	6,530
84	41 466	2 824,375	16 134,757	5,713	5,249	84	59 163	4 029,816	26 435,372	6,560	6,096
85	37 651	2 483,826	13 310,381	5,359	4,895	85	55 308	3 648,640	22 405,556	6,141	5,677
86	33 710	2 153,819	10 826,555	5,027	4,563	86	51 097	3 264,783	18 756,916	5,745	5,282
87	29 742	1 840,482	8 672,735	4,712	4,249	87	46 643	2 886,353	15 492,132	5,367	4,904
88	25 813	1 547,067	6 832,253	4,416	3,953	88	41 981	2 516,102	12 605,779	5,010	4,546
89	21 974	1 275,557	5 285,186	4,143	3,680	89	37 187	2 158,603	10 089,678	4,674	4,211
90	18 346	1 031,425	4 009,629	3,887	3,424	90	32 370	1 819,879	7 931,074	4,358	3,894
91	15 015	817,585	2 978,204	3,643	3,179	91	27 597	1 502,654	6 111,195	4,067	3,603
92	12 026	634,210	2 160,619	3,407	2,943	92	22 970	1 211,388	4 608,541	3,804	3,341
93	9 316	475,809	1 526,409	3,208	2,744	93	18 663	953,269	3 397,153	3,564	3,100
94	7 048	348,657	1 050,600	3,013	2,550	94	14 763	730,325	2 443,884	3,346	2,883
95	5 145	246,503	701,943	2,848	2,384	95	11 365	544,532	1 713,559	3,147	2,683
96	3 652	169,478	455,440	2,687	2,224	96	8 492	394,079	1 169,027	2,966	2,503
97	2 475	111,228	285,962	2,571	2,107	97	6 067	272,648	774,948	2,842	2,379
98	1 642	71,467	174,734	2,445	1,981	98	4 253	185,106	502,300	2,714	2,250
99	1 049	44,240	103,267	2,334	1,871	99	2 921	123,143	317,194	2,576	2,112
100	647	26,403	59,027	2,236	1,772	100	1 937	79,078	194,051	2,454	1,990

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 3,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	2 726 405,271	27,264	26,800	0	100 000	100 000,000	2 764 712,929	27,647	27,183
1	99 644	96 274,177	2 626 405,271	27,280	26,816	1	99 699	96 327,986	2 664 712,929	27,663	27,199
2	99 616	92 992,817	2 530 131,094	27,208	26,744	2	99 675	93 047,442	2 568 384,943	27,603	27,139
3	99 601	89 834,106	2 437 138,277	27,129	26,665	3	99 662	89 889,742	2 475 337,501	27,537	27,073
4	99 590	86 786,782	2 347 304,171	27,047	26,583	4	99 652	86 841,036	2 385 447,759	27,469	27,005
5	99 579	83 843,031	2 260 517,388	26,961	26,497	5	99 643	83 896,354	2 298 606,723	27,398	26,934
6	99 569	80 999,621	2 176 674,357	26,873	26,409	6	99 634	81 052,058	2 214 710,369	27,325	26,861
7	99 560	78 253,389	2 095 674,736	26,781	26,317	7	99 625	78 304,240	2 133 658,310	27,248	26,784
8	99 552	75 600,627	2 017 421,347	26,685	26,221	8	99 620	75 652,756	2 055 354,070	27,168	26,704
9	99 543	73 037,837	1 941 820,720	26,587	26,122	9	99 613	73 089,357	1 979 701,314	27,086	26,622
10	99 535	70 562,312	1 868 782,883	26,484	26,020	10	99 607	70 613,416	1 906 611,957	27,001	26,537
11	99 527	68 170,745	1 798 220,571	26,378	25,914	11	99 601	68 221,532	1 835 998,541	26,912	26,448
12	99 520	65 860,357	1 730 049,825	26,268	25,804	12	99 594	65 909,427	1 767 777,009	26,821	26,357
13	99 513	63 628,814	1 664 189,469	26,155	25,691	13	99 586	63 675,605	1 701 867,582	26,727	26,263
14	99 503	61 471,221	1 600 560,654	26,038	25,574	14	99 576	61 516,527	1 638 191,977	26,630	26,166
15	99 490	59 384,426	1 539 089,434	25,917	25,453	15	99 567	59 430,778	1 576 675,450	26,530	26,066
16	99 474	57 367,085	1 479 705,008	25,794	25,330	16	99 555	57 414,055	1 517 244,672	26,426	25,962
17	99 449	55 413,418	1 422 337,923	25,668	25,204	17	99 541	55 464,349	1 459 830,616	26,320	25,856
18	99 422	53 524,825	1 366 924,505	25,538	25,074	18	99 527	53 581,446	1 404 366,267	26,210	25,746
19	99 384	51 694,990	1 313 399,680	25,407	24,943	19	99 507	51 759,314	1 350 784,821	26,097	25,633
20	99 344	49 926,988	1 261 704,690	25,271	24,807	20	99 490	50 000,258	1 299 025,507	25,980	25,516
21	99 301	48 217,805	1 211 777,701	25,131	24,667	21	99 472	48 300,496	1 249 025,249	25,859	25,395
22	99 261	46 568,371	1 163 559,896	24,986	24,522	22	99 455	46 659,451	1 200 724,753	25,734	25,270
23	99 216	44 973,184	1 116 991,525	24,837	24,373	23	99 439	45 074,255	1 154 065,302	25,604	25,140
24	99 175	43 434,556	1 072 018,341	24,681	24,217	24	99 421	43 542,168	1 108 991,046	25,469	25,005
25	99 128	41 945,827	1 028 583,786	24,522	24,058	25	99 403	42 062,157	1 065 448,879	25,330	24,866
26	99 085	40 509,621	986 637,959	24,356	23,892	26	99 384	40 632,035	1 023 386,721	25,187	24,723
27	99 039	39 121,771	946 128,338	24,184	23,720	27	99 366	39 250,617	982 754,686	25,038	24,574
28	98 994	37 781,356	907 006,568	24,007	23,543	28	99 344	37 915,141	943 504,069	24,885	24,421
29	98 946	36 486,026	869 225,212	23,824	23,359	29	99 321	36 624,354	905 588,929	24,726	24,262
30	98 894	35 233,810	832 739,186	23,635	23,171	30	99 295	35 376,692	868 964,575	24,563	24,099
31	98 839	34 023,217	797 505,376	23,440	22,976	31	99 264	34 169,539	833 587,883	24,396	23,932
32	98 778	32 852,428	763 482,159	23,240	22,776	32	99 232	33 003,681	799 418,343	24,222	23,758
33	98 715	31 721,352	730 629,731	23,033	22,569	33	99 198	31 876,689	766 414,662	24,043	23,579
34	98 643	30 626,225	698 908,378	22,821	22,357	34	99 163	30 787,636	734 537,973	23,858	23,394
35	98 567	29 567,784	668 282,154	22,602	22,138	35	99 122	29 734,431	703 750,337	23,668	23,204
36	98 488	28 544,989	638 714,370	22,376	21,912	36	99 082	28 717,079	674 015,906	23,471	23,007
37	98 403	27 555,995	610 169,381	22,143	21,679	37	99 036	27 733,248	645 298,827	23,268	22,804
38	98 307	26 598,063	582 613,386	21,904	21,440	38	98 989	26 782,690	617 565,578	23,058	22,594
39	98 202	25 671,174	556 015,323	21,659	21,195	39	98 929	25 861,385	590 782,888	22,844	22,380
40	98 092	24 775,436	530 344,149	21,406	20,942	40	98 870	24 971,825	564 921,503	22,622	22,158
41	97 971	23 907,991	505 568,713	21,146	20,682	41	98 802	24 110,823	539 949,678	22,394	21,930
42	97 840	23 068,698	481 660,721	20,879	20,415	42	98 729	23 278,236	515 838,855	22,160	21,696
43	97 699	22 256,485	458 592,023	20,605	20,141	43	98 651	22 473,197	492 560,619	21,918	21,454
44	97 549	21 470,740	436 335,538	20,322	19,858	44	98 561	21 693,517	470 087,422	21,669	21,205
45	97 374	20 707,377	414 864,798	20,035	19,571	45	98 465	20 939,576	448 393,905	21,414	20,950
46	97 183	19 967,940	394 157,421	19,740	19,275	46	98 352	20 208,163	427 454,328	21,153	20,689
47	96 971	19 250,654	374 189,481	19,438	18,974	47	98 232	19 501,024	407 246,165	20,883	20,419
48	96 741	18 555,623	354 938,828	19,128	18,664	48	98 098	18 815,750	387 745,141	20,607	20,143
49	96 484	17 880,530	336 383,205	18,813	18,349	49	97 941	18 150,490	368 929,391	20,326	19,862

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 3,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	17 224,543	318 502,675	18,491	18,027	50	97 770	17 506,050	350 778,901	20,038	19,574
51	95 878	16 586,749	301 278,132	18,164	17,700	51	97 589	16 882,713	333 272,851	19,740	19,276
52	95 523	15 966,517	284 691,383	17,831	17,367	52	97 380	16 276,848	316 390,138	19,438	18,974
53	95 128	15 362,709	268 724,866	17,492	17,028	53	97 153	15 689,734	300 113,290	19,128	18,664
54	94 681	14 773,473	253 362,157	17,150	16,686	54	96 903	15 120,240	284 423,555	18,811	18,347
55	94 177	14 198,003	238 588,684	16,804	16,340	55	96 623	14 566,727	269 303,315	18,488	18,024
56	93 621	13 636,769	224 390,681	16,455	15,991	56	96 310	14 028,455	254 736,589	18,159	17,695
57	93 004	13 088,830	210 753,911	16,102	15,638	57	95 965	13 505,581	240 708,133	17,823	17,359
58	92 322	12 553,486	197 665,081	15,746	15,282	58	95 588	12 997,665	227 202,553	17,480	17,016
59	91 569	12 030,043	185 111,595	15,387	14,923	59	95 173	12 503,510	214 204,888	17,132	16,668
60	90 750	11 519,352	173 081,552	15,025	14,561	60	94 725	12 023,830	201 701,378	16,775	16,311
61	89 858	11 020,388	161 562,200	14,660	14,196	61	94 225	11 555,935	189 677,549	16,414	15,950
62	88 886	10 532,495	150 541,812	14,293	13,829	62	93 689	11 101,671	178 121,614	16,045	15,581
63	87 825	10 054,806	140 009,317	13,925	13,461	63	93 115	10 660,452	167 019,944	15,667	15,203
64	86 685	9 588,708	129 954,511	13,553	13,089	64	92 486	10 230,440	156 359,491	15,284	14,820
65	85 449	9 132,411	120 365,803	13,180	12,716	65	91 795	9 810,620	146 129,051	14,895	14,431
66	84 132	8 687,516	111 233,392	12,804	12,340	66	91 063	9 403,309	136 318,431	14,497	14,033
67	82 734	8 254,349	102 545,876	12,423	11,959	67	90 265	9 005,716	126 915,122	14,093	13,629
68	81 246	7 831,693	94 291,527	12,040	11,576	68	89 410	8 618,669	117 909,405	13,681	13,217
69	79 687	7 421,720	86 459,834	11,650	11,186	69	88 474	8 240,066	109 290,737	13,263	12,799
70	78 006	7 019,445	79 038,115	11,260	10,796	70	87 452	7 869,426	101 050,670	12,841	12,377
71	76 266	6 630,814	72 018,669	10,861	10,397	71	86 350	7 507,517	93 181,245	12,412	11,948
72	74 387	6 248,729	65 387,855	10,464	10,000	72	85 167	7 154,252	85 673,727	11,975	11,511
73	72 439	5 879,336	59 139,126	10,059	9,595	73	83 905	6 809,925	78 519,475	11,530	11,066
74	70 357	5 517,224	53 259,790	9,653	9,189	74	82 528	6 471,625	71 709,550	11,081	10,617
75	68 170	5 164,947	47 742,566	9,244	8,780	75	81 055	6 141,208	65 237,925	10,623	10,159
76	65 878	4 822,505	42 577,618	8,829	8,365	76	79 496	5 819,425	59 096,717	10,155	9,691
77	63 429	4 486,221	37 755,113	8,416	7,952	77	77 782	5 501,375	53 277,292	9,684	9,220
78	60 848	4 158,117	33 268,892	8,001	7,537	78	75 931	5 188,852	47 775,917	9,207	8,743
79	58 081	3 834,831	29 110,775	7,591	7,127	79	73 847	4 875,776	42 587,065	8,734	8,270
80	55 150	3 518,160	25 275,945	7,184	6,720	80	71 527	4 562,904	37 711,289	8,265	7,801
81	52 038	3 207,397	21 757,784	6,784	6,320	81	68 919	4 247,859	33 148,385	7,804	7,340
82	48 680	2 898,955	18 550,387	6,399	5,935	82	65 978	3 929,069	28 900,526	7,356	6,892
83	45 143	2 597,421	15 651,432	6,026	5,562	83	62 720	3 608,750	24 971,457	6,920	6,456
84	41 466	2 305,144	13 054,011	5,663	5,199	84	59 163	3 288,978	21 362,707	6,495	6,031
85	37 651	2 022,305	10 748,867	5,315	4,851	85	55 308	2 970,684	18 073,729	6,084	5,620
86	33 710	1 749,381	8 726,562	4,988	4,524	86	51 097	2 651,731	15 103,046	5,696	5,232
87	29 742	1 491,270	6 977,181	4,679	4,215	87	46 643	2 338,699	12 451,315	5,324	4,860
88	25 813	1 250,500	5 485,911	4,387	3,923	88	41 981	2 033,774	10 112,616	4,972	4,508
89	21 974	1 028,547	4 235,411	4,118	3,654	89	37 187	1 740,592	8 078,842	4,641	4,177
90	18 346	829,682	3 206,864	3,865	3,401	90	32 370	1 463,917	6 338,250	4,330	3,866
91	15 015	656,080	2 377,182	3,623	3,159	91	27 597	1 205,821	4 874,332	4,042	3,578
92	12 026	507,699	1 721,102	3,390	2,926	92	22 970	969,743	3 668,511	3,783	3,319
93	9 316	379,976	1 213,403	3,193	2,729	93	18 663	761,270	2 698,769	3,545	3,081
94	7 048	277,761	833,427	3,001	2,536	94	14 763	581,820	1 937,499	3,330	2,866
95	5 145	195,905	555,666	2,836	2,372	95	11 365	432,759	1 355,679	3,133	2,669
96	3 652	134,365	359,762	2,678	2,213	96	8 492	312,432	922,920	2,954	2,490
97	2 475	87,970	225,397	2,562	2,098	97	6 067	215,638	610,488	2,831	2,367
98	1 642	56,387	137,427	2,437	1,973	98	4 253	146,046	394,850	2,704	2,240
99	1 049	34,821	81,040	2,327	1,863	99	2 921	96,924	248,804	2,567	2,103
100	647	20,731	46,219	2,229	1,765	100	1 937	62,091	151,879	2,446	1,982

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 3,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	2 582 859,166	25,829	25,364	0	100 000	100 000,000	2 615 380,814	26,154	25,689
1	99 644	96 042,191	2 482 859,166	25,852	25,387	1	99 699	96 095,871	2 515 380,814	26,176	25,711
2	99 616	92 545,199	2 386 816,975	25,791	25,326	2	99 675	92 599,561	2 419 284,944	26,126	25,662
3	99 601	89 186,267	2 294 271,776	25,724	25,260	3	99 662	89 241,501	2 326 685,383	26,072	25,607
4	99 590	85 953,302	2 205 085,509	25,654	25,190	4	99 652	86 007,034	2 237 443,881	26,015	25,550
5	99 579	82 837,730	2 119 132,207	25,582	25,117	5	99 643	82 890,414	2 151 436,847	25,955	25,491
6	99 569	79 835,574	2 036 294,477	25,506	25,042	6	99 634	79 887,258	2 068 546,433	25,893	25,429
7	99 560	76 942,956	1 956 458,902	25,427	24,963	7	99 625	76 992,955	1 988 659,174	25,829	25,365
8	99 552	74 155,497	1 879 515,946	25,346	24,881	8	99 620	74 206,630	1 911 666,219	25,761	25,297
9	99 543	71 469,066	1 805 360,449	25,261	24,796	9	99 613	71 519,479	1 837 459,589	25,692	25,227
10	99 535	68 880,335	1 733 891,384	25,173	24,708	10	99 607	68 930,220	1 765 940,110	25,619	25,155
11	99 527	66 385,424	1 665 011,049	25,081	24,617	11	99 601	66 434,880	1 697 009,890	25,544	25,080
12	99 520	63 980,998	1 598 625,625	24,986	24,522	12	99 594	64 028,668	1 630 575,010	25,466	25,002
13	99 513	61 664,187	1 534 644,627	24,887	24,423	13	99 586	61 709,533	1 566 546,342	25,386	24,921
14	99 503	59 429,662	1 472 980,441	24,785	24,321	14	99 576	59 473,464	1 504 836,809	25,303	24,838
15	99 490	57 273,831	1 413 550,779	24,681	24,216	15	99 567	57 318,535	1 445 363,345	25,216	24,752
16	99 474	55 194,867	1 356 276,948	24,573	24,108	16	99 555	55 240,059	1 388 044,810	25,128	24,663
17	99 449	53 186,706	1 301 082,081	24,463	23,998	17	99 541	53 235,591	1 332 804,751	25,036	24,572
18	99 422	51 250,210	1 247 895,375	24,349	23,885	18	99 527	51 304,426	1 279 569,161	24,941	24,476
19	99 384	49 378,865	1 196 645,165	24,234	23,770	19	99 507	49 440,306	1 228 264,735	24,843	24,379
20	99 344	47 575,160	1 147 266,300	24,115	23,650	20	99 490	47 644,978	1 178 824,428	24,742	24,277
21	99 301	45 835,774	1 099 691,140	23,992	23,528	21	99 472	45 914,380	1 131 179,450	24,637	24,172
22	99 261	44 161,155	1 053 855,366	23,864	23,399	22	99 455	44 247,527	1 085 265,070	24,527	24,063
23	99 216	42 545,659	1 009 694,210	23,732	23,268	23	99 439	42 641,275	1 041 017,543	24,413	23,949
24	99 175	40 991,070	967 148,552	23,594	23,130	24	99 421	41 092,628	998 376,268	24,296	23,831
25	99 128	39 490,703	926 157,482	23,453	22,988	25	99 403	39 600,225	957 283,640	24,174	23,709
26	99 085	38 046,660	886 666,779	23,305	22,840	26	99 384	38 161,631	917 683,415	24,047	23,583
27	99 039	36 654,652	848 620,119	23,152	22,687	27	99 366	36 775,373	879 521,784	23,916	23,452
28	98 994	35 313,469	811 965,467	22,993	22,529	28	99 344	35 438,515	842 746,411	23,781	23,316
29	98 946	34 020,575	776 651,998	22,829	22,364	29	99 321	34 149,556	807 307,896	23,640	23,176
30	98 894	32 773,811	742 631,423	22,659	22,195	30	99 295	32 906,717	773 158,341	23,495	23,031
31	98 839	31 571,481	709 857,613	22,484	22,020	31	99 264	31 707,259	740 251,623	23,346	22,882
32	98 778	30 411,602	678 286,132	22,304	21,839	32	99 232	30 551,617	708 544,364	23,192	22,727
33	98 715	29 293,803	647 874,530	22,116	21,652	33	99 198	29 437,253	677 992,747	23,032	22,567
34	98 643	28 214,332	618 580,727	21,924	21,460	34	99 163	28 363,032	648 555,494	22,866	22,402
35	98 567	27 173,610	590 366,395	21,726	21,261	35	99 122	27 326,763	620 192,463	22,695	22,231
36	98 488	26 170,419	563 192,785	21,520	21,056	36	99 082	26 328,193	592 865,700	22,518	22,054
37	98 403	25 202,820	537 022,366	21,308	20,844	37	99 036	25 364,937	566 537,506	22,335	21,871
38	98 307	24 268,073	511 819,546	21,090	20,626	38	98 989	24 436,527	541 172,570	22,146	21,682
39	98 202	23 365,940	487 551,472	20,866	20,401	39	98 929	23 539,071	516 736,042	21,952	21,488
40	98 092	22 496,300	464 185,533	20,634	20,169	40	98 870	22 674,622	493 196,972	21,751	21,287
41	97 971	21 656,342	441 689,233	20,395	19,931	41	98 802	21 840,071	470 522,350	21,544	21,080
42	97 840	20 845,742	420 032,891	20,150	19,685	42	98 729	21 035,088	448 682,278	21,330	20,866
43	97 699	20 063,333	399 187,149	19,896	19,432	43	98 651	20 258,691	427 647,190	21,109	20,645
44	97 549	19 308,377	379 123,816	19,635	19,171	44	98 561	19 508,717	407 388,499	20,882	20,418
45	97 374	18 577,022	359 815,439	19,369	18,904	45	98 465	18 785,333	387 879,782	20,648	20,184
46	97 183	17 870,492	341 238,417	19,095	18,631	46	98 352	18 085,482	369 094,449	20,408	19,944
47	96 971	17 187,035	323 367,925	18,815	18,350	47	98 232	17 410,566	351 008,967	20,161	19,696
48	96 741	16 526,591	306 180,890	18,527	18,062	48	98 098	16 758,273	333 598,401	19,906	19,442
49	96 484	15 886,944	289 654,299	18,232	17,768	49	97 941	16 126,805	316 840,127	19,647	19,182

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 3,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	15 267,219	273 767,356	17,932	17,467	50	97 770	15 516,736	300 713,322	19,380	18,916
51	95 878	14 666,475	258 500,137	17,625	17,161	51	97 589	14 928,174	285 196,586	19,105	18,640
52	95 523	14 084,028	243 833,662	17,313	16,848	52	97 380	14 357,771	270 268,412	18,824	18,359
53	95 128	13 518,757	229 749,634	16,995	16,530	53	97 153	13 806,530	255 910,641	18,535	18,071
54	94 681	12 968,920	216 230,877	16,673	16,209	54	96 903	13 273,330	242 104,110	18,240	17,775
55	94 177	12 433,709	203 261,957	16,348	15,883	55	96 623	12 756,614	228 830,781	17,938	17,474
56	93 621	11 913,440	190 828,248	16,018	15,553	56	96 310	12 255,627	216 074,167	17,631	17,166
57	93 004	11 407,192	178 914,807	15,684	15,220	57	95 965	11 770,399	203 818,540	17,316	16,852
58	92 322	10 914,266	167 507,615	15,348	14,883	58	95 588	11 300,444	192 048,141	16,995	16,530
59	91 569	10 433,970	156 593,349	15,008	14,544	59	95 173	10 844,620	180 747,697	16,667	16,203
60	90 750	9 966,960	146 159,379	14,664	14,200	60	94 725	10 403,452	169 903,076	16,331	15,867
61	89 858	9 512,262	136 192,419	14,318	13,853	61	94 225	9 974,520	159 499,624	15,991	15,526
62	88 886	9 069,230	126 680,157	13,968	13,504	62	93 689	9 559,331	149 525,104	15,642	15,177
63	87 825	8 637,043	117 610,927	13,617	13,153	63	93 115	9 157,291	139 965,774	15,285	14,820
64	86 685	8 216,819	108 973,884	13,262	12,798	64	92 486	8 766,737	130 808,482	14,921	14,457
65	85 449	7 806,949	100 757,065	12,906	12,442	65	91 795	8 386,724	122 041,745	14,552	14,087
66	84 132	7 408,730	92 950,116	12,546	12,082	66	91 063	8 019,159	113 655,022	14,173	13,709
67	82 734	7 022,362	85 541,386	12,181	11,717	67	90 265	7 661,585	105 635,862	13,788	13,323
68	81 246	6 646,733	78 519,024	11,813	11,349	68	89 410	7 314,638	97 974,277	13,394	12,930
69	79 687	6 283,613	71 872,291	11,438	10,974	69	88 474	6 976,467	90 659,639	12,995	12,531
70	78 006	5 928,706	65 588,678	11,063	10,598	70	87 452	6 646,609	83 683,172	12,590	12,126
71	76 266	5 586,968	59 659,972	10,678	10,214	71	86 350	6 325,658	77 036,563	12,178	11,714
72	74 387	5 252,346	54 073,004	10,295	9,831	72	85 167	6 013,480	70 710,905	11,759	11,294
73	72 439	4 929,946	48 820,659	9,903	9,438	73	83 905	5 710,264	64 697,425	11,330	10,866
74	70 357	4 615,160	43 890,713	9,510	9,046	74	82 528	5 413,516	58 987,162	10,896	10,432
75	68 170	4 310,069	39 275,553	9,113	8,648	75	81 055	5 124,744	53 573,646	10,454	9,989
76	65 878	4 014,609	34 965,484	8,710	8,245	76	79 496	4 844,519	48 448,902	10,001	9,536
77	63 429	3 725,662	30 950,875	8,307	7,843	77	77 782	4 568,715	43 604,383	9,544	9,080
78	60 848	3 444,861	27 225,213	7,903	7,439	78	75 931	4 298,791	39 035,668	9,081	8,616
79	58 081	3 169,374	23 780,351	7,503	7,039	79	73 847	4 029,685	34 736,877	8,620	8,156
80	55 150	2 900,649	20 610,977	7,106	6,641	80	71 527	3 762,019	30 707,193	8,162	7,698
81	52 038	2 638,059	17 710,328	6,713	6,249	81	68 919	3 493,831	26 945,174	7,712	7,248
82	48 680	2 378,623	15 072,269	6,337	5,872	82	65 978	3 223,842	23 451,343	7,274	6,810
83	45 143	2 126,075	12 693,647	5,970	5,506	83	62 720	2 953,881	20 227,501	6,848	6,383
84	41 466	1 882,290	10 567,571	5,614	5,150	84	59 163	2 685,650	17 273,620	6,432	5,967
85	37 651	1 647,356	8 685,281	5,272	4,808	85	55 308	2 419,899	14 587,970	6,028	5,564
86	33 710	1 421,600	7 037,925	4,951	4,486	86	51 097	2 154,877	12 168,071	5,647	5,182
87	29 742	1 208,931	5 616,325	4,646	4,181	87	46 643	1 895,918	10 013,194	5,281	4,817
88	25 813	1 011,303	4 407,394	4,358	3,894	88	41 981	1 644,751	8 117,276	4,935	4,471
89	21 974	829,801	3 396,091	4,093	3,628	89	37 187	1 404,258	6 472,525	4,609	4,145
90	18 346	667,750	2 566,290	3,843	3,379	90	32 370	1 178,199	5 068,267	4,302	3,837
91	15 015	526,758	1 898,540	3,604	3,140	91	27 597	968,137	3 890,068	4,018	3,554
92	12 026	406,642	1 371,783	3,373	2,909	92	22 970	776,717	2 921,931	3,762	3,297
93	9 316	303,609	965,140	3,179	2,714	93	18 663	608,271	2 145,214	3,527	3,062
94	7 048	221,402	661,531	2,988	2,523	94	14 763	463,767	1 536,942	3,314	2,850
95	5 145	155,779	440,129	2,825	2,361	95	11 365	344,119	1 073,176	3,119	2,654
96	3 652	106,586	284,350	2,668	2,203	96	8 492	247,840	729,056	2,942	2,477
97	2 475	69,615	177,764	2,554	2,089	97	6 067	170,645	481,216	2,820	2,356
98	1 642	44,514	108,149	2,430	1,965	98	4 253	115,295	310,572	2,694	2,229
99	1 049	27,423	63,635	2,321	1,856	99	2 921	76,332	195,276	2,558	2,094
100	647	16,287	36,212	2,223	1,759	100	1 937	48,781	118,945	2,438	1,974

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 4 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	2 452 359,421	24,524	24,059	0	100 000	100 000,000	2 480 042,603	24,800	24,336
1	99 644	95 811,321	2 352 359,421	24,552	24,087	1	99 699	95 864,871	2 380 042,603	24,827	24,362
2	99 616	92 100,805	2 256 548,101	24,501	24,036	2	99 675	92 154,906	2 284 177,733	24,786	24,321
3	99 601	88 544,641	2 164 447,296	24,445	23,980	3	99 662	88 599,479	2 192 022,827	24,741	24,276
4	99 590	85 129,803	2 075 902,654	24,385	23,920	4	99 652	85 183,021	2 103 423,348	24,693	24,228
5	99 579	81 846,860	1 990 772,851	24,323	23,858	5	99 643	81 898,913	2 018 240,327	24,643	24,178
6	99 569	78 690,998	1 908 925,991	24,259	23,794	6	99 634	78 741,940	1 936 341,414	24,591	24,126
7	99 560	75 657,542	1 830 234,994	24,191	23,726	7	99 625	75 706,707	1 857 599,473	24,537	24,072
8	99 552	72 741,371	1 754 577,451	24,121	23,656	8	99 620	72 791,528	1 781 892,767	24,479	24,015
9	99 543	69 937,644	1 681 836,081	24,048	23,583	9	99 613	69 986,977	1 709 101,238	24,420	23,955
10	99 535	67 242,354	1 611 898,437	23,971	23,507	10	99 607	67 291,053	1 639 114,262	24,359	23,894
11	99 527	64 650,987	1 544 656,083	23,892	23,427	11	99 601	64 699,151	1 571 823,208	24,294	23,830
12	99 520	62 159,599	1 480 005,096	23,810	23,345	12	99 594	62 205,912	1 507 124,057	24,228	23,763
13	99 513	59 764,731	1 417 845,497	23,724	23,259	13	99 586	59 808,680	1 444 918,145	24,159	23,694
14	99 503	57 460,577	1 358 080,766	23,635	23,170	14	99 576	57 502,928	1 385 109,465	24,088	23,623
15	99 490	55 243,059	1 300 620,189	23,544	23,079	15	99 567	55 286,179	1 327 606,537	24,013	23,549
16	99 474	53 109,835	1 245 377,130	23,449	22,984	16	99 555	53 153,319	1 272 320,358	23,937	23,472
17	99 449	51 054,511	1 192 267,295	23,353	22,888	17	99 541	51 101,435	1 219 167,039	23,858	23,393
18	99 422	49 077,388	1 141 212,784	23,253	22,789	18	99 527	49 129,305	1 168 065,604	23,775	23,311
19	99 384	47 171,714	1 092 135,396	23,152	22,688	19	99 507	47 230,409	1 118 936,299	23,691	23,226
20	99 344	45 339,380	1 044 963,682	23,048	22,583	20	99 490	45 405,917	1 071 705,889	23,603	23,138
21	99 301	43 576,732	999 624,302	22,939	22,475	21	99 472	43 651,464	1 026 299,972	23,511	23,046
22	99 261	41 883,723	956 047,570	22,826	22,361	22	99 455	41 965,640	982 648,508	23,416	22,951
23	99 216	40 254,540	914 163,847	22,710	22,245	23	99 439	40 345,008	940 682,867	23,316	22,851
24	99 175	38 690,437	873 909,306	22,587	22,122	24	99 421	38 786,295	900 337,860	23,213	22,748
25	99 128	37 184,677	835 218,869	22,461	21,997	25	99 403	37 287,804	861 551,564	23,105	22,641
26	99 085	35 738,840	798 034,192	22,330	21,865	26	99 384	35 846,837	824 263,760	22,994	22,529
27	99 039	34 348,501	762 295,352	22,193	21,728	27	99 366	34 461,626	788 416,923	22,878	22,413
28	98 994	33 012,152	727 946,851	22,051	21,586	28	99 344	33 129,049	753 955,297	22,758	22,293
29	98 946	31 727,063	694 934,699	21,904	21,439	29	99 321	31 847,348	720 826,248	22,634	22,169
30	98 894	30 490,877	663 207,637	21,751	21,286	30	99 295	30 614,526	688 978,900	22,505	22,040
31	98 839	29 301,692	632 716,759	21,593	21,128	31	99 264	29 427,709	658 364,374	22,372	21,907
32	98 778	28 157,352	603 415,067	21,430	20,965	32	99 232	28 286,989	628 936,665	22,234	21,769
33	98 715	27 057,212	575 257,715	21,261	20,796	33	99 198	27 189,709	600 649,676	22,091	21,626
34	98 643	25 997,514	548 200,503	21,087	20,622	34	99 163	26 134,530	573 459,967	21,943	21,478
35	98 567	24 978,373	522 202,989	20,906	20,441	35	99 122	25 119,154	547 325,437	21,789	21,324
36	98 488	23 998,398	497 224,616	20,719	20,254	36	99 082	24 143,078	522 206,283	21,630	21,165
37	98 403	23 055,550	473 226,218	20,525	20,061	37	99 036	23 203,854	498 063,205	21,465	21,000
38	98 307	22 147,077	450 170,668	20,326	19,862	38	98 989	22 300,808	474 859,351	21,293	20,829
39	98 202	21 272,529	428 023,591	20,121	19,656	39	98 929	21 430,149	452 558,543	21,118	20,653
40	98 092	20 431,570	406 751,062	19,908	19,443	40	98 870	20 593,525	431 128,394	20,935	20,470
41	97 971	19 621,424	386 319,492	19,689	19,224	41	98 802	19 787,889	410 534,869	20,747	20,282
42	97 840	18 841,589	366 698,069	19,462	18,997	42	98 729	19 012,731	390 746,980	20,552	20,087
43	97 699	18 090,811	347 856,479	19,228	18,764	43	98 651	18 266,961	371 734,248	20,350	19,885
44	97 549	17 368,226	329 765,669	18,987	18,522	44	98 561	17 548,436	353 467,287	20,142	19,678
45	97 374	16 670,191	312 397,442	18,740	18,275	45	98 465	16 857,120	335 918,850	19,927	19,463
46	97 183	15 997,633	295 727,252	18,486	18,021	46	98 352	16 190,092	319 061,731	19,707	19,242
47	96 971	15 348,819	279 729,618	18,225	17,760	47	98 232	15 548,443	302 871,638	19,479	19,014
48	96 741	14 723,533	264 380,799	17,956	17,492	48	98 098	14 929,939	287 323,195	19,245	18,780
49	96 484	14 119,649	249 657,266	17,682	17,217	49	97 941	14 332,827	272 393,256	19,005	18,540

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 4 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	13 536,246	235 537,617	17,401	16,936	50	97 770	13 757,474	258 060,429	18,758	18,293
51	95 878	12 972,354	222 001,371	17,113	16,649	51	97 589	13 203,825	244 302,955	18,502	18,038
52	95 523	12 427,241	209 029,016	16,820	16,355	52	97 380	12 668,782	231 099,130	18,242	17,777
53	95 128	11 899,792	196 601,775	16,521	16,057	53	97 153	12 153,102	218 430,348	17,973	17,508
54	94 681	11 388,359	184 701,983	16,218	15,754	54	96 903	11 655,670	206 277,246	17,698	17,233
55	94 177	10 892,131	173 313,624	15,912	15,447	55	96 623	11 175,000	194 621,576	17,416	16,951
56	93 621	10 411,279	162 421,493	15,601	15,136	56	96 310	10 710,320	183 446,575	17,128	16,663
57	93 004	9 944,900	152 010,214	15,285	14,820	57	95 965	10 261,547	172 736,255	16,833	16,369
58	92 322	9 492,289	142 065,314	14,966	14,502	58	95 588	9 828,154	162 474,708	16,532	16,067
59	91 569	9 052,756	132 573,025	14,644	14,180	59	95 173	9 409,045	152 646,554	16,223	15,759
60	90 750	8 626,779	123 520,269	14,318	13,853	60	94 725	9 004,580	143 237,509	15,907	15,442
61	89 858	8 213,430	114 893,490	13,988	13,524	61	94 225	8 612,569	134 232,929	15,586	15,121
62	88 886	7 812,066	106 680,060	13,656	13,191	62	93 689	8 234,230	125 620,360	15,256	14,791
63	87 825	7 421,904	98 867,994	13,321	12,856	63	93 115	7 868,959	117 386,131	14,918	14,453
64	86 685	7 043,828	91 446,090	12,982	12,518	64	92 486	7 515,243	109 517,171	14,573	14,108
65	85 449	6 676,381	84 402,262	12,642	12,177	65	91 795	7 172,196	102 001,929	14,222	13,757
66	84 132	6 320,600	77 725,881	12,297	11,832	66	91 063	6 841,375	94 829,733	13,861	13,396
67	82 734	5 976,577	71 405,280	11,948	11,483	67	90 265	6 520,606	87 988,358	13,494	13,029
68	81 246	5 643,290	65 428,703	11,594	11,129	68	89 410	6 210,362	81 467,752	13,118	12,653
69	79 687	5 322,164	59 785,413	11,233	10,768	69	88 474	5 909,006	75 257,390	12,736	12,271
70	78 006	5 009,490	54 463,249	10,872	10,407	70	87 452	5 616,086	69 348,384	12,348	11,883
71	76 266	4 709,389	49 453,759	10,501	10,036	71	86 350	5 332,048	63 732,298	11,953	11,488
72	74 387	4 416,685	44 744,370	10,131	9,666	72	85 167	5 056,721	58 400,249	11,549	11,084
73	72 439	4 135,615	40 327,685	9,751	9,286	73	83 905	4 790,205	53 343,528	11,136	10,671
74	70 357	3 862,242	36 192,070	9,371	8,906	74	82 528	4 530,354	48 553,323	10,717	10,253
75	68 170	3 598,253	32 329,828	8,985	8,520	75	81 055	4 278,383	44 022,970	10,290	9,825
76	65 878	3 343,532	28 731,576	8,593	8,128	76	79 496	4 034,715	39 744,587	9,851	9,386
77	63 429	3 095,426	25 388,043	8,202	7,737	77	77 782	3 795,868	35 709,872	9,408	8,943
78	60 848	2 855,246	22 292,617	7,808	7,343	78	75 931	3 563,019	31 914,004	8,957	8,492
79	58 081	2 620,596	19 437,371	7,417	6,952	79	73 847	3 331,943	28 350,986	8,509	8,044
80	55 150	2 392,635	16 816,776	7,029	6,564	80	71 527	3 103,146	25 019,043	8,062	7,598
81	52 038	2 170,804	14 424,140	6,645	6,180	81	68 919	2 875,001	21 915,897	7,623	7,158
82	48 680	1 952,614	12 253,337	6,275	5,811	82	65 978	2 646,455	19 040,896	7,195	6,730
83	45 143	1 741,102	10 300,723	5,916	5,451	83	62 720	2 419,015	16 394,441	6,777	6,312
84	41 466	1 537,754	8 559,621	5,566	5,101	84	59 163	2 194,067	13 975,426	6,370	5,905
85	37 651	1 342,587	7 021,866	5,230	4,765	85	55 308	1 972,206	11 781,359	5,974	5,509
86	33 710	1 155,812	5 679,279	4,914	4,449	86	51 097	1 751,993	9 809,153	5,599	5,134
87	29 742	980,542	4 523,467	4,613	4,148	87	46 643	1 537,744	8 057,160	5,240	4,775
88	25 813	818,278	3 542,925	4,330	3,865	88	41 981	1 330,821	6 519,415	4,899	4,434
89	21 974	669,804	2 724,647	4,068	3,603	89	37 187	1 133,499	5 188,594	4,578	4,113
90	18 346	537,703	2 054,843	3,822	3,357	90	32 370	948,741	4 055,096	4,274	3,809
91	15 015	423,150	1 517,139	3,585	3,121	91	27 597	777,715	3 106,355	3,994	3,529
92	12 026	325,875	1 093,989	3,357	2,892	92	22 970	622,446	2 328,640	3,741	3,276
93	9 316	242,721	768,114	3,165	2,700	93	18 663	486,285	1 706,194	3,509	3,044
94	7 048	176,575	525,393	2,975	2,511	94	14 763	369,869	1 219,909	3,298	2,833
95	5 145	123,940	348,817	2,814	2,350	95	11 365	273,786	850,040	3,105	2,640
96	3 652	84,598	224,878	2,658	2,193	96	8 492	196,711	576,254	2,929	2,465
97	2 475	55,121	140,280	2,545	2,080	97	6 067	135,115	379,543	2,809	2,344
98	1 642	35,161	85,159	2,422	1,957	98	4 253	91,071	244,428	2,684	2,219
99	1 049	21,609	49,998	2,314	1,849	99	2 921	60,149	153,357	2,550	2,085
100	647	12,803	28,389	2,217	1,752	100	1 937	38,347	93,208	2,431	1,966

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 4,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	2 333 401,354	23,334	22,869	0	100 000	100 000,000	2 357 031,079	23,570	23,105
1	99 644	95 581,557	2 233 401,354	23,366	22,901	1	99 699	95 634,979	2 257 031,079	23,600	23,135
2	99 616	91 659,604	2 137 819,796	23,323	22,858	2	99 675	91 713,446	2 161 396,100	23,567	23,102
3	99 601	87 909,156	2 046 160,192	23,276	22,811	3	99 662	87 963,600	2 069 682,654	23,529	23,064
4	99 590	84 316,143	1 958 251,036	23,225	22,760	4	99 652	84 368,852	1 981 719,054	23,489	23,024
5	99 579	80 870,178	1 873 934,893	23,172	22,707	5	99 643	80 921,611	1 897 350,202	23,447	22,982
6	99 569	77 565,519	1 793 064,715	23,117	22,652	6	99 634	77 615,733	1 816 428,592	23,403	22,938
7	99 560	74 396,612	1 715 499,196	23,059	22,594	7	99 625	74 444,957	1 738 812,858	23,357	22,892
8	99 552	71 357,510	1 641 102,584	22,998	22,533	8	99 620	71 406,713	1 664 367,901	23,308	22,843
9	99 543	68 442,597	1 569 745,074	22,935	22,470	9	99 613	68 490,875	1 592 961,188	23,258	22,793
10	99 535	65 647,118	1 501 302,477	22,869	22,404	10	99 607	65 694,662	1 524 470,313	23,205	22,740
11	99 527	62 965,867	1 435 655,359	22,801	22,335	11	99 601	63 012,776	1 458 775,651	23,150	22,685
12	99 520	60 394,239	1 372 689,492	22,729	22,264	12	99 594	60 439,236	1 395 762,874	23,094	22,628
13	99 513	57 928,136	1 312 295,253	22,654	22,189	13	99 586	57 970,734	1 335 323,638	23,034	22,569
14	99 503	55 561,229	1 254 367,117	22,576	22,111	14	99 576	55 602,180	1 277 352,904	22,973	22,508
15	99 490	53 288,912	1 198 805,888	22,496	22,031	15	99 567	53 330,506	1 221 750,724	22,909	22,444
16	99 474	51 108,291	1 145 516,976	22,414	21,948	16	99 555	51 150,137	1 168 420,217	22,843	22,378
17	99 449	49 012,607	1 094 408,685	22,329	21,864	17	99 541	49 057,655	1 117 270,080	22,775	22,309
18	99 422	47 001,574	1 045 396,078	22,242	21,777	18	99 527	47 051,295	1 068 212,425	22,703	22,238
19	99 384	45 068,167	998 394,504	22,153	21,688	19	99 507	45 124,245	1 021 161,130	22,630	22,165
20	99 344	43 213,664	953 326,337	22,061	21,596	20	99 490	43 277,082	976 036,885	22,553	22,088
21	99 301	41 434,056	910 112,672	21,965	21,500	21	99 472	41 505,113	932 759,804	22,473	22,008
22	99 261	39 728,791	868 678,617	21,865	21,400	22	99 455	39 806,493	891 254,690	22,390	21,924
23	99 216	38 091,863	828 949,826	21,762	21,297	23	99 439	38 177,470	851 448,197	22,302	21,837
24	99 175	36 523,993	790 857,963	21,653	21,188	24	99 421	36 614,484	813 270,727	22,212	21,747
25	99 128	35 018,369	754 333,970	21,541	21,076	25	99 403	35 115,487	776 656,244	22,117	21,652
26	99 085	33 576,051	719 315,601	21,423	20,958	26	99 384	33 677,513	741 540,756	22,019	21,554
27	99 039	32 192,465	685 739,550	21,301	20,836	27	99 366	32 298,489	707 863,243	21,916	21,451
28	98 994	30 865,801	653 547,086	21,174	20,709	28	99 344	30 975,098	675 564,754	21,810	21,345
29	98 946	29 593,127	622 681,285	21,041	20,576	29	99 321	29 705,322	644 589,656	21,699	21,234
30	98 894	28 371,885	593 088,157	20,904	20,439	30	99 295	28 486,941	614 884,334	21,585	21,120
31	98 839	27 199,959	564 716,272	20,762	20,296	31	99 264	27 316,937	586 397,393	21,466	21,001
32	98 778	26 075,019	537 516,313	20,614	20,149	32	99 232	26 195,069	559 080,457	21,343	20,878
33	98 715	24 996,151	511 441,295	20,461	19,996	33	99 198	25 118,555	532 885,388	21,215	20,750
34	98 643	23 959,580	486 445,144	20,303	19,838	34	99 163	24 085,855	507 766,833	21,082	20,616
35	98 567	22 965,124	462 485,564	20,139	19,673	35	99 122	23 094,558	483 680,978	20,944	20,478
36	98 488	22 011,223	439 520,440	19,968	19,503	36	99 082	22 143,923	460 586,420	20,800	20,334
37	98 403	21 095,736	417 509,217	19,791	19,326	37	99 036	21 231,434	438 442,497	20,651	20,185
38	98 307	20 215,891	396 413,481	19,609	19,144	38	98 989	20 356,217	417 211,063	20,496	20,030
39	98 202	19 371,038	376 197,590	19,421	18,955	39	98 929	19 514,568	396 854,846	20,336	19,871
40	98 092	18 560,632	356 826,552	19,225	18,760	40	98 870	18 707,757	377 340,278	20,170	19,705
41	97 971	17 781,927	338 265,920	19,023	18,558	41	98 802	17 932,786	358 632,521	19,999	19,533
42	97 840	17 034,254	320 483,994	18,814	18,349	42	98 729	17 188,979	340 699,735	19,821	19,356
43	97 699	16 316,270	303 449,740	18,598	18,133	43	98 651	16 475,142	323 510,755	19,636	19,171
44	97 549	15 627,000	287 133,470	18,374	17,909	44	98 561	15 789,143	307 035,613	19,446	18,981
45	97 374	14 962,976	271 506,471	18,145	17,680	45	98 465	15 130,761	291 246,471	19,249	18,783
46	97 183	14 324,861	256 543,495	17,909	17,444	46	98 352	14 497,196	276 115,710	19,046	18,581
47	96 971	13 710,930	242 218,634	17,666	17,201	47	98 232	13 889,252	261 618,514	18,836	18,371
48	96 741	13 120,829	228 507,703	17,416	16,950	48	98 098	13 304,767	247 729,261	18,620	18,154
49	96 484	12 552,505	215 386,874	17,159	16,694	49	97 941	12 742,023	234 424,494	18,398	17,933

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 4,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	12 004,996	202 834,369	16,896	16,431	50	97 770	12 201,198	221 682,472	18,169	17,704
51	95 878	11 477,303	190 829,373	16,627	16,161	51	97 589	11 682,097	209 481,274	17,932	17,467
52	95 523	10 968,647	179 352,070	16,351	15,886	52	97 380	11 181,838	197 799,176	17,689	17,224
53	95 128	10 477,918	168 383,423	16,070	15,605	53	97 153	10 700,960	186 617,338	17,439	16,974
54	94 681	10 003,548	157 905,505	15,785	15,320	54	96 903	10 238,354	175 916,378	17,182	16,717
55	94 177	9 544,716	147 901,957	15,496	15,030	55	96 623	9 792,593	165 678,024	16,919	16,453
56	93 621	9 101,470	138 357,242	15,202	14,736	56	96 310	9 362,889	155 885,431	16,649	16,184
57	93 004	8 672,916	129 255,772	14,903	14,438	57	95 965	8 949,063	146 522,542	16,373	15,908
58	92 322	8 258,344	120 582,856	14,601	14,136	58	95 588	8 550,548	137 573,479	16,089	15,624
59	91 569	7 857,060	112 324,512	14,296	13,831	59	95 173	8 166,290	129 022,931	15,799	15,334
60	90 750	7 469,391	104 467,452	13,986	13,521	60	94 725	7 796,505	120 856,641	15,501	15,036
61	89 858	7 094,444	96 998,061	13,672	13,207	61	94 225	7 439,205	113 060,136	15,198	14,733
62	88 886	6 731,580	89 903,617	13,356	12,890	62	93 689	7 095,354	105 620,931	14,886	14,421
63	87 825	6 380,044	83 172,038	13,036	12,571	63	93 115	6 764,343	98 525,576	14,565	14,100
64	86 685	6 040,521	76 791,993	12,713	12,248	64	92 486	6 444,788	91 761,233	14,238	13,773
65	85 449	5 711,682	70 751,472	12,387	11,922	65	91 795	6 135,855	85 316,445	13,905	13,439
66	84 132	5 394,342	65 039,789	12,057	11,592	66	91 063	5 838,800	79 180,590	13,561	13,096
67	82 734	5 088,503	59 645,447	11,722	11,256	67	90 265	5 551,693	73 341,790	13,211	12,745
68	81 246	4 793,217	54 556,945	11,382	10,917	68	89 410	5 274,869	67 790,097	12,852	12,386
69	79 687	4 509,624	49 763,727	11,035	10,570	69	88 474	5 006,872	62 515,229	12,486	12,021
70	78 006	4 234,507	45 254,104	10,687	10,222	70	87 452	4 747,261	57 508,357	12,114	11,649
71	76 266	3 971,286	41 019,597	10,329	9,864	71	86 350	4 496,356	52 761,096	11,734	11,269
72	74 387	3 715,526	37 048,311	9,971	9,506	72	85 167	4 253,955	48 264,741	11,346	10,881
73	72 439	3 470,733	33 332,785	9,604	9,139	73	83 905	4 020,085	44 010,786	10,948	10,483
74	70 357	3 233,537	29 862,053	9,235	8,770	74	82 528	3 792,892	39 990,702	10,544	10,078
75	68 170	3 005,297	26 628,516	8,861	8,395	75	81 055	3 573,348	36 197,809	10,130	9,665
76	65 878	2 785,855	23 623,219	8,480	8,014	76	79 496	3 361,753	32 624,461	9,705	9,239
77	63 429	2 572,946	20 837,364	8,099	7,633	77	77 782	3 155,159	29 262,708	9,275	8,809
78	60 848	2 367,615	18 264,418	7,714	7,249	78	75 931	2 954,511	26 107,549	8,837	8,371
79	58 081	2 167,828	15 896,803	7,333	6,868	79	73 847	2 756,274	23 153,038	8,400	7,935
80	55 150	1 974,506	13 728,976	6,953	6,488	80	71 527	2 560,851	20 396,764	7,965	7,500
81	52 038	1 787,145	11 754,469	6,577	6,112	81	68 919	2 366,886	17 835,914	7,536	7,070
82	48 680	1 603,662	9 967,324	6,215	5,750	82	65 978	2 173,507	15 469,028	7,117	6,652
83	45 143	1 426,521	8 363,661	5,863	5,398	83	62 720	1 981,949	13 295,521	6,708	6,243
84	41 466	1 256,893	6 937,141	5,519	5,054	84	59 163	1 793,333	11 313,572	6,309	5,843
85	37 651	1 094,740	5 680,248	5,189	4,723	85	55 308	1 608,129	9 520,238	5,920	5,455
86	33 710	940,184	4 585,508	4,877	4,412	86	51 097	1 425,142	7 912,110	5,552	5,087
87	29 742	795,700	3 645,324	4,581	4,116	87	46 643	1 247,864	6 486,968	5,198	4,733
88	25 813	662,431	2 849,624	4,302	3,837	88	41 981	1 077,358	5 239,104	4,863	4,398
89	21 974	540,936	2 187,193	4,043	3,578	89	37 187	915,416	4 161,747	4,546	4,081
90	18 346	433,209	1 646,257	3,800	3,335	90	32 370	764,368	3 246,331	4,247	3,782
91	15 015	340,100	1 213,048	3,567	3,102	91	27 597	625,076	2 481,963	3,971	3,505
92	12 026	261,289	872,948	3,341	2,876	92	22 970	499,081	1 856,887	3,721	3,255
93	9 316	194,149	611,659	3,150	2,685	93	18 663	388,971	1 357,806	3,491	3,026
94	7 048	140,901	417,511	2,963	2,498	94	14 763	295,142	968,835	3,283	2,817
95	5 145	98,662	276,610	2,804	2,338	95	11 365	217,948	673,693	3,091	2,626
96	3 652	67,183	177,947	2,649	2,183	96	8 492	156,217	455,745	2,917	2,452
97	2 475	43,669	110,765	2,536	2,071	97	6 067	107,044	299,528	2,798	2,333
98	1 642	27,789	67,096	2,414	1,949	98	4 253	71,977	192,485	2,674	2,209
99	1 049	17,037	39,306	2,307	1,842	99	2 921	47,424	120,508	2,541	2,076
100	647	10,070	22,269	2,211	1,746	100	1 937	30,162	73,084	2,423	1,958

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 4,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	2 224 679,904	22,247	21,781	0	100 000	100 000,000	2 244 907,491	22,449	21,983
1	99 644	95 352,893	2 124 679,904	22,282	21,817	1	99 699	95 406,187	2 144 907,491	22,482	22,016
2	99 616	91 221,566	2 029 327,011	22,246	21,781	2	99 675	91 275,150	2 049 501,304	22,454	21,988
3	99 601	87 279,737	1 938 105,445	22,206	21,740	3	99 662	87 333,791	1 958 226,153	22,422	21,957
4	99 590	83 512,181	1 850 825,707	22,162	21,697	4	99 652	83 564,387	1 870 892,362	22,389	21,923
5	99 579	79 907,449	1 767 313,526	22,117	21,651	5	99 643	79 958,269	1 787 327,975	22,353	21,888
6	99 569	76 458,777	1 687 406,078	22,069	21,604	6	99 634	76 508,274	1 707 369,706	22,316	21,851
7	99 560	73 159,642	1 610 947,301	22,020	21,554	7	99 625	73 207,183	1 630 861,432	22,277	21,812
8	99 552	70 003,196	1 537 787,659	21,967	21,502	8	99 620	70 051,466	1 557 654,249	22,236	21,770
9	99 543	66 982,976	1 467 784,463	21,913	21,447	9	99 613	67 030,224	1 487 602,783	22,193	21,727
10	99 535	64 093,413	1 400 801,487	21,856	21,390	10	99 607	64 139,832	1 420 572,558	22,148	21,682
11	99 527	61 328,550	1 336 708,074	21,796	21,330	11	99 601	61 374,239	1 356 432,726	22,101	21,635
12	99 520	58 683,065	1 275 379,524	21,733	21,268	12	99 594	58 726,788	1 295 058,487	22,052	21,587
13	99 513	56 152,177	1 216 696,459	21,668	21,202	13	99 586	56 193,470	1 236 331,700	22,001	21,536
14	99 503	53 728,989	1 160 544,282	21,600	21,134	14	99 576	53 768,589	1 180 138,229	21,948	21,483
15	99 490	51 408,325	1 106 815,293	21,530	21,064	15	99 567	51 448,451	1 126 369,640	21,893	21,428
16	99 474	49 186,705	1 055 406,968	21,457	20,992	16	99 555	49 226,978	1 074 921,189	21,836	21,370
17	99 449	47 056,969	1 006 220,263	21,383	20,917	17	99 541	47 100,219	1 025 694,211	21,777	21,311
18	99 422	45 018,220	959 163,294	21,306	20,840	18	99 527	45 065,843	978 593,992	21,715	21,249
19	99 384	43 063,129	914 145,073	21,228	20,762	19	99 507	43 116,712	933 528,149	21,651	21,186
20	99 344	41 192,349	871 081,944	21,147	20,681	20	99 490	41 252,800	890 411,436	21,584	21,119
21	99 301	39 401,493	829 889,595	21,062	20,597	21	99 472	39 469,065	849 158,636	21,515	21,049
22	99 261	37 689,498	790 488,102	20,974	20,508	22	99 455	37 763,212	809 689,571	21,441	20,976
23	99 216	36 050,143	752 798,604	20,882	20,416	23	99 439	36 131,162	771 926,359	21,365	20,899
24	99 175	34 483,617	716 748,460	20,785	20,320	24	99 421	34 569,052	735 795,197	21,285	20,819
25	99 128	32 983,006	682 264,844	20,685	20,220	25	99 403	33 074,480	701 226,145	21,201	20,736
26	99 085	31 548,864	649 281,837	20,580	20,115	26	99 384	31 644,200	668 151,665	21,115	20,649
27	99 039	30 176,447	617 732,974	20,471	20,005	27	99 366	30 275,832	636 507,465	21,024	20,558
28	98 994	28 863,647	587 556,526	20,356	19,891	28	99 344	28 965,854	606 231,633	20,929	20,464
29	98 946	27 607,322	558 692,880	20,237	19,772	29	99 321	27 711,989	577 265,779	20,831	20,365
30	98 894	26 404,709	531 085,558	20,113	19,648	30	99 295	26 511,787	549 553,791	20,729	20,263
31	98 839	25 253,479	504 680,849	19,985	19,519	31	99 264	25 362,086	523 042,003	20,623	20,157
32	98 778	24 151,125	479 427,369	19,851	19,386	32	99 232	24 262,318	497 679,918	20,512	20,047
33	98 715	23 096,472	455 276,244	19,712	19,246	33	99 198	23 209,574	473 417,600	20,398	19,932
34	98 643	22 085,716	432 179,772	19,568	19,103	34	99 163	22 202,116	450 208,026	20,278	19,812
35	98 567	21 118,392	410 094,056	19,419	18,953	35	99 122	21 237,418	428 005,911	20,153	19,688
36	98 488	20 192,775	388 975,663	19,263	18,797	36	99 082	20 314,512	406 768,493	20,024	19,558
37	98 403	19 306,622	368 782,888	19,101	18,636	37	99 036	19 430,811	386 453,981	19,889	19,423
38	98 307	18 457,134	349 476,266	18,934	18,469	38	98 989	18 585,252	367 023,169	19,748	19,282
39	98 202	17 643,471	331 019,132	18,762	18,296	39	98 929	17 774,201	348 437,917	19,604	19,138
40	98 092	16 864,897	313 375,661	18,582	18,116	40	98 870	16 998,580	330 663,716	19,452	18,987
41	97 971	16 118,682	296 510,764	18,395	17,930	41	98 802	16 255,430	313 665,135	19,296	18,830
42	97 840	15 404,003	280 392,082	18,203	17,737	42	98 729	15 543,920	297 409,705	19,134	18,668
43	97 699	14 719,435	264 988,080	18,003	17,537	43	98 651	14 862,758	281 865,785	18,965	18,499
44	97 549	14 063,895	250 268,645	17,795	17,330	44	98 561	14 209,820	267 003,027	18,790	18,324
45	97 374	13 434,075	236 204,750	17,583	17,117	45	98 465	13 584,716	252 793,207	18,609	18,143
46	97 183	12 830,394	222 770,675	17,363	16,897	46	98 352	12 984,750	239 208,491	18,422	17,957
47	96 971	12 251,133	209 940,281	17,136	16,671	47	98 232	12 410,469	226 223,741	18,228	17,763
48	96 741	11 695,812	197 689,148	16,903	16,437	48	98 098	11 859,773	213 813,272	18,028	17,563
49	96 484	11 162,444	185 993,335	16,662	16,197	49	97 941	11 330,974	201 953,498	17,823	17,358

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 4,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	10 650,026	174 830,891	16,416	15,950	50	97 770	10 824,083	190 622,524	17,611	17,145
51	95 878	10 157,534	164 180,865	16,163	15,698	51	97 589	10 338,779	179 798,441	17,391	16,925
52	95 523	9 684,145	154 023,331	15,905	15,439	52	97 380	9 872,370	169 459,661	17,165	16,699
53	95 128	9 228,752	144 339,186	15,640	15,175	53	97 153	9 425,204	159 587,292	16,932	16,466
54	94 681	8 789,857	135 110,435	15,371	14,906	54	96 903	8 996,175	150 162,088	16,692	16,226
55	94 177	8 366,629	126 320,578	15,098	14,633	55	96 623	8 583,912	141 165,913	16,445	15,980
56	93 621	7 959,006	117 953,948	14,820	14,355	56	96 310	8 187,610	132 582,002	16,193	15,727
57	93 004	7 566,102	109 994,942	14,538	14,072	57	95 965	7 807,008	124 394,391	15,934	15,468
58	92 322	7 187,201	102 428,840	14,252	13,786	58	95 588	7 441,505	116 587,383	15,667	15,202
59	91 569	6 821,607	95 241,639	13,962	13,496	59	95 173	7 090,085	109 145,878	15,394	14,929
60	90 750	6 469,513	88 420,032	13,667	13,202	60	94 725	6 752,839	102 055,793	15,113	14,647
61	89 858	6 130,057	81 950,519	13,369	12,903	61	94 225	6 427,953	95 302,955	14,826	14,361
62	88 886	5 802,604	75 820,462	13,067	12,601	62	93 689	6 116,177	88 875,002	14,531	14,066
63	87 825	5 486,425	70 017,858	12,762	12,296	63	93 115	5 816,897	82 758,825	14,227	13,762
64	86 685	5 182,030	64 531,433	12,453	11,987	64	92 486	5 528,841	76 941,928	13,916	13,451
65	85 449	4 888,204	59 349,404	12,141	11,676	65	91 795	5 251,221	71 413,087	13,599	13,134
66	84 132	4 605,572	54 461,200	11,825	11,359	66	91 063	4 985,040	66 161,865	13,272	12,806
67	82 734	4 334,059	49 855,628	11,503	11,038	67	90 265	4 728,575	61 176,826	12,938	12,472
68	81 246	4 072,787	45 521,569	11,177	10,711	68	89 410	4 482,045	56 448,251	12,594	12,129
69	79 687	3 822,651	41 448,783	10,843	10,377	69	88 474	4 244,151	51 966,206	12,244	11,779
70	78 006	3 580,857	37 626,132	10,508	10,042	70	87 452	4 014,461	47 722,055	11,888	11,422
71	76 266	3 350,233	34 045,275	10,162	9,696	71	86 350	3 793,190	43 707,595	11,523	11,057
72	74 387	3 126,972	30 695,042	9,816	9,351	72	85 167	3 580,111	39 914,405	11,149	10,683
73	72 439	2 913,967	27 568,070	9,461	8,995	73	83 905	3 375,193	36 334,294	10,765	10,299
74	70 357	2 708,327	24 654,103	9,103	8,637	74	82 528	3 176,828	32 959,101	10,375	9,909
75	68 170	2 511,137	21 945,776	8,739	8,274	75	81 055	2 985,783	29 782,272	9,975	9,509
76	65 878	2 322,208	19 434,639	8,369	7,903	76	79 496	2 802,261	26 796,489	9,562	9,097
77	63 429	2 139,603	17 112,431	7,998	7,532	77	77 782	2 623,758	23 994,228	9,145	8,679
78	60 848	1 964,144	14 972,828	7,623	7,157	78	75 931	2 451,026	21 370,470	8,719	8,253
79	58 081	1 794,101	13 008,684	7,251	6,785	79	73 847	2 281,101	18 919,444	8,294	7,828
80	55 150	1 630,198	11 214,583	6,879	6,414	80	71 527	2 114,298	16 638,343	7,869	7,404
81	52 038	1 471,979	9 584,385	6,511	6,046	81	68 919	1 949,481	14 524,046	7,450	6,985
82	48 680	1 317,693	8 112,406	6,157	5,691	82	65 978	1 785,922	12 574,565	7,041	6,575
83	45 143	1 169,336	6 794,713	5,811	5,345	83	62 720	1 624,627	10 788,643	6,641	6,175
84	41 466	1 027,825	5 625,377	5,473	5,007	84	59 163	1 466,500	9 164,016	6,249	5,783
85	37 651	893,083	4 597,552	5,148	4,682	85	55 308	1 311,902	7 697,516	5,867	5,402
86	33 710	765,162	3 704,469	4,841	4,376	86	51 097	1 159,841	6 385,614	5,506	5,040
87	29 742	646,025	2 939,307	4,550	4,084	87	46 643	1 013,135	5 225,773	5,158	4,692
88	25 813	536,539	2 293,282	4,274	3,809	88	41 981	872,610	4 212,638	4,828	4,362
89	21 974	437,084	1 756,743	4,019	3,554	89	37 187	739,671	3 340,028	4,516	4,050
90	18 346	349,202	1 319,659	3,779	3,313	90	32 370	616,144	2 600,358	4,220	3,755
91	15 015	273,493	970,456	3,548	3,083	91	27 597	502,657	1 984,214	3,947	3,482
92	12 026	209,614	696,964	3,325	2,859	92	22 970	400,378	1 481,557	3,700	3,235
93	9 316	155,379	487,350	3,137	2,671	93	18 663	311,298	1 081,179	3,473	3,008
94	7 048	112,495	331,970	2,951	2,485	94	14 763	235,641	769,881	3,267	2,802
95	5 145	78,583	219,476	2,793	2,327	95	11 365	173,593	534,240	3,078	2,612
96	3 652	53,382	140,892	2,639	2,174	96	8 492	124,127	360,648	2,905	2,440
97	2 475	34,615	87,510	2,528	2,062	97	6 067	84,851	236,521	2,787	2,322
98	1 642	21,975	52,895	2,407	1,941	98	4 253	56,918	151,669	2,665	2,199
99	1 049	13,441	30,919	2,300	1,835	99	2 921	37,412	94,752	2,533	2,067
100	647	7,925	17,479	2,205	1,740	100	1 937	23,737	57,339	2,416	1,950

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 4,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	2 125 060,564	21,251	20,785	0	100 000	100 000,000	2 142 427,225	21,424	20,958
1	99 644	95 125,321	2 025 060,564	21,288	20,822	1	99 699	95 178,488	2 042 427,225	21,459	20,993
2	99 616	90 786,660	1 929 935,244	21,258	20,792	2	99 675	90 839,989	1 947 248,737	21,436	20,970
3	99 601	86 656,313	1 839 148,583	21,223	20,757	3	99 662	86 709,981	1 856 408,748	21,409	20,943
4	99 590	82 717,778	1 752 492,270	21,186	20,720	4	99 652	82 769,488	1 769 698,767	21,381	20,915
5	99 579	78 958,440	1 669 774,492	21,148	20,682	5	99 643	79 008,657	1 686 929,279	21,351	20,885
6	99 569	75 370,413	1 590 816,052	21,107	20,641	6	99 634	75 419,206	1 607 920,622	21,320	20,854
7	99 560	71 946,121	1 515 445,639	21,064	20,598	7	99 625	71 992,873	1 532 501,416	21,287	20,821
8	99 552	68 677,731	1 443 499,518	21,018	20,552	8	99 620	68 725,087	1 460 508,543	21,251	20,785
9	99 543	65 557,860	1 374 821,786	20,971	20,505	9	99 613	65 604,103	1 391 783,455	21,215	20,749
10	99 535	62 580,062	1 309 263,927	20,921	20,455	10	99 607	62 625,384	1 326 179,352	21,176	20,710
11	99 527	59 737,569	1 246 683,865	20,869	20,403	11	99 601	59 782,073	1 263 553,968	21,136	20,670
12	99 520	57 024,291	1 186 946,296	20,815	20,349	12	99 594	57 066,778	1 203 771,895	21,094	20,628
13	99 513	54 434,717	1 129 922,005	20,757	20,291	13	99 586	54 474,746	1 146 705,117	21,050	20,584
14	99 503	51 961,334	1 075 487,289	20,698	20,232	14	99 576	51 999,632	1 092 230,371	21,005	20,539
15	99 490	49 598,362	1 023 525,955	20,636	20,170	15	99 567	49 637,076	1 040 230,740	20,957	20,491
16	99 474	47 341,702	973 927,592	20,572	20,106	16	99 555	47 380,464	990 593,664	20,907	20,441
17	99 449	45 183,758	926 585,890	20,507	20,041	17	99 541	45 225,287	943 213,199	20,856	20,390
18	99 422	43 123,001	881 402,132	20,439	19,973	18	99 527	43 168,619	897 987,913	20,802	20,336
19	99 384	41 151,768	838 279,131	20,370	19,904	19	99 507	41 202,973	854 819,293	20,747	20,281
20	99 344	39 270,075	797 127,362	20,299	19,833	20	99 490	39 327,705	813 616,320	20,688	20,222
21	99 301	37 473,143	757 857,287	20,224	19,758	21	99 472	37 537,408	774 288,615	20,627	20,161
22	99 261	35 759,386	720 384,144	20,145	19,679	22	99 455	35 829,325	736 751,207	20,563	20,097
23	99 216	34 122,351	684 624,759	20,064	19,598	23	99 439	34 199,037	700 921,883	20,495	20,029
24	99 175	32 561,696	650 502,407	19,978	19,512	24	99 421	32 642,370	666 722,845	20,425	19,959
25	99 128	31 070,390	617 940,711	19,888	19,422	25	99 403	31 156,560	634 080,475	20,351	19,885
26	99 085	29 648,481	586 870,321	19,794	19,328	26	99 384	29 738,075	602 923,915	20,274	19,808
27	99 039	28 291,052	557 221,839	19,696	19,230	27	99 366	28 384,227	573 185,841	20,194	19,728
28	98 994	26 995,691	528 930,788	19,593	19,127	28	99 344	27 091,283	544 801,614	20,110	19,644
29	98 946	25 759,047	501 935,097	19,486	19,020	29	99 321	25 856,706	517 710,330	20,022	19,556
30	98 894	24 578,148	476 176,050	19,374	18,908	30	99 295	24 677,819	491 853,624	19,931	19,465
31	98 839	23 450,453	451 597,902	19,258	18,792	31	99 264	23 551,306	467 175,806	19,837	19,371
32	98 778	22 373,280	428 147,449	19,137	18,671	32	99 232	22 476,287	443 624,500	19,737	19,271
33	98 715	21 345,198	405 774,169	19,010	18,544	33	99 198	21 449,724	421 148,213	19,634	19,168
34	98 643	20 362,368	384 428,971	18,879	18,413	34	99 163	20 469,685	399 698,489	19,526	19,060
35	98 567	19 424,056	364 066,603	18,743	18,277	35	99 122	19 533,532	379 228,804	19,414	18,948
36	98 488	18 528,375	344 642,547	18,601	18,135	36	99 082	18 640,078	359 695,273	19,297	18,831
37	98 403	17 672,984	326 114,172	18,453	17,987	37	99 036	17 786,665	341 055,195	19,175	18,709
38	98 307	16 855,052	308 441,189	18,300	17,834	38	98 989	16 972,049	323 268,531	19,047	18,581
39	98 202	16 073,562	291 586,137	18,141	17,675	39	98 929	16 192,660	306 296,481	18,916	18,450
40	98 092	15 327,596	275 512,575	17,975	17,509	40	98 870	15 449,094	290 103,821	18,778	18,312
41	97 971	14 614,438	260 184,979	17,803	17,337	41	98 802	14 738,425	274 654,728	18,635	18,169
42	97 840	13 933,122	245 570,541	17,625	17,159	42	98 729	14 059,680	259 916,303	18,487	18,021
43	97 699	13 282,146	231 637,418	17,440	16,974	43	98 651	13 411,475	245 856,623	18,332	17,866
44	97 549	12 660,329	218 355,272	17,247	16,781	44	98 561	12 791,691	232 445,148	18,172	17,706
45	97 374	12 064,502	205 694,942	17,050	16,584	45	98 465	12 199,786	219 653,457	18,005	17,539
46	97 183	11 494,865	193 630,440	16,845	16,379	46	98 352	11 633,154	207 453,671	17,833	17,367
47	96 971	10 949,705	182 135,575	16,634	16,168	47	98 232	11 092,115	195 820,517	17,654	17,188
48	96 741	10 428,427	171 185,869	16,415	15,949	48	98 098	10 574,621	184 728,401	17,469	17,003
49	96 484	9 929,102	160 757,442	16,191	15,725	49	97 941	10 079,012	174 153,780	17,279	16,813

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 4,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	9 450,692	150 828,340	15,960	15,493	50	97 770	9 605,148	164 074,769	17,082	16,616
51	95 878	8 992,149	141 377,648	15,722	15,256	51	97 589	9 152,599	154 469,621	16,877	16,411
52	95 523	8 552,611	132 385,499	15,479	15,013	52	97 380	8 718,843	145 317,021	16,667	16,201
53	95 128	8 130,976	123 832,888	15,230	14,764	53	97 153	8 304,060	136 598,178	16,450	15,984
54	94 681	7 725,806	115 701,912	14,976	14,510	54	96 903	7 907,148	128 294,119	16,225	15,759
55	94 177	7 336,261	107 976,106	14,718	14,252	55	96 623	7 526,784	120 386,971	15,994	15,528
56	93 621	6 962,181	100 639,845	14,455	13,989	56	96 310	7 162,154	112 860,186	15,758	15,292
57	93 004	6 602,691	93 677,664	14,188	13,722	57	95 965	6 812,922	105 698,032	15,514	15,048
58	92 322	6 257,067	87 074,973	13,916	13,450	58	95 588	6 478,460	98 885,110	15,264	14,798
59	91 569	5 924,613	80 817,906	13,641	13,175	59	95 173	6 157,788	92 406,650	15,006	14,540
60	90 750	5 605,407	74 893,294	13,361	12,895	60	94 725	5 850,890	86 248,863	14,741	14,275
61	89 858	5 298,614	69 287,887	13,077	12,611	61	94 225	5 556,106	80 397,973	14,470	14,004
62	88 886	5 003,605	63 989,273	12,789	12,323	62	93 689	5 273,999	74 841,868	14,191	13,725
63	87 825	4 719,671	58 985,668	12,498	12,032	63	93 115	5 003,958	69 567,869	13,903	13,437
64	86 685	4 447,177	54 265,997	12,202	11,736	64	92 486	4 744,809	64 563,910	13,607	13,141
65	85 449	4 185,006	49 818,820	11,904	11,438	65	91 795	4 495,802	59 819,102	13,306	12,840
66	84 132	3 933,622	45 633,813	11,601	11,135	66	91 063	4 257,726	55 323,300	12,994	12,528
67	82 734	3 692,888	41 700,191	11,292	10,826	67	90 265	4 029,040	51 065,574	12,674	12,208
68	81 246	3 461,986	38 007,303	10,978	10,512	68	89 410	3 809,867	47 036,534	12,346	11,880
69	79 687	3 241,608	34 545,318	10,657	10,191	69	88 474	3 599,040	43 226,667	12,011	11,545
70	78 006	3 029,319	31 303,709	10,334	9,868	70	87 452	3 396,138	39 627,627	11,668	11,202
71	76 266	2 827,453	28 274,390	10,000	9,534	71	86 350	3 201,289	36 231,489	11,318	10,852
72	74 387	2 632,732	25 446,937	9,666	9,200	72	85 167	3 014,249	33 030,200	10,958	10,492
73	72 439	2 447,538	22 814,205	9,321	8,855	73	83 905	2 834,938	30 015,951	10,588	10,122
74	70 357	2 269,385	20 366,667	8,975	8,509	74	82 528	2 661,956	27 181,013	10,211	9,745
75	68 170	2 099,132	18 097,282	8,621	8,155	75	81 055	2 495,903	24 519,057	9,824	9,358
76	65 878	1 936,569	15 998,150	8,261	7,795	76	79 496	2 336,901	22 023,154	9,424	8,958
77	63 429	1 780,029	14 061,581	7,900	7,434	77	77 782	2 182,819	19 686,253	9,019	8,553
78	60 848	1 630,157	12 281,552	7,534	7,068	78	75 931	2 034,249	17 503,434	8,604	8,138
79	58 081	1 485,475	10 651,394	7,170	6,704	79	73 847	1 888,700	15 469,185	8,190	7,724
80	55 150	1 346,546	9 165,920	6,807	6,341	80	71 527	1 746,412	13 580,486	7,776	7,310
81	52 038	1 212,954	7 819,374	6,447	5,981	81	68 919	1 606,430	11 834,073	7,367	6,901
82	48 680	1 083,227	6 606,419	6,099	5,633	82	65 978	1 468,141	10 227,643	6,966	6,500
83	45 143	958,974	5 523,192	5,759	5,293	83	62 720	1 332,359	8 759,502	6,574	6,108
84	41 466	840,909	4 564,218	5,428	4,962	84	59 163	1 199,808	7 427,143	6,190	5,724
85	37 651	728,926	3 723,310	5,108	4,642	85	55 308	1 070,763	6 227,336	5,816	5,350
86	33 710	623,028	2 994,383	4,806	4,340	86	51 097	944,393	5 156,572	5,460	4,994
87	29 742	524,766	2 371,355	4,519	4,053	87	46 643	822,970	4 212,179	5,118	4,652
88	25 813	434,790	1 846,589	4,247	3,781	88	41 981	707,129	3 389,209	4,793	4,327
89	21 974	353,351	1 411,798	3,995	3,529	89	37 187	597,970	2 682,080	4,485	4,019
90	18 346	281,631	1 058,447	3,758	3,292	90	32 370	496,919	2 084,110	4,194	3,728
91	15 015	220,045	776,816	3,530	3,064	91	27 597	404,425	1 587,192	3,925	3,459
92	12 026	168,247	556,771	3,309	2,843	92	22 970	321,364	1 182,767	3,680	3,214
93	9 316	124,418	388,524	3,123	2,657	93	18 663	249,268	861,403	3,456	2,990
94	7 048	89,864	264,106	2,939	2,473	94	14 763	188,236	612,135	3,252	2,786
95	5 145	62,625	174,242	2,782	2,316	95	11 365	138,339	423,899	3,064	2,598
96	3 652	42,440	111,618	2,630	2,164	96	8 492	98,683	285,559	2,894	2,428
97	2 475	27,454	69,178	2,520	2,054	97	6 067	67,297	186,876	2,777	2,311
98	1 642	17,388	41,724	2,400	1,934	98	4 253	45,035	119,579	2,655	2,189
99	1 049	10,609	24,336	2,294	1,828	99	2 921	29,531	74,544	2,524	2,058
100	647	6,241	13,727	2,200	1,734	100	1 937	18,692	45,013	2,408	1,942

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	2 033 554,838	20,336	19,869	0	100 000	100 000,000	2 048 510,980	20,485	20,019
1	99 644	94 898,832	1 933 554,838	20,375	19,909	1	99 699	94 951,872	1 948 510,980	20,521	20,055
2	99 616	90 354,858	1 838 656,006	20,349	19,883	2	99 675	90 407,933	1 853 559,108	20,502	20,036
3	99 601	86 038,812	1 748 301,149	20,320	19,854	3	99 662	86 092,097	1 763 151,175	20,480	20,013
4	99 590	81 932,799	1 662 262,337	20,288	19,822	4	99 652	81 984,018	1 677 059,077	20,456	19,990
5	99 579	78 022,924	1 580 329,538	20,255	19,788	5	99 643	78 072,546	1 595 075,060	20,431	19,964
6	99 569	74 300,082	1 502 306,614	20,219	19,753	6	99 634	74 348,182	1 517 002,514	20,404	19,938
7	99 560	70 755,550	1 428 006,532	20,182	19,716	7	99 625	70 801,529	1 442 654,332	20,376	19,910
8	99 552	67 380,434	1 357 250,982	20,143	19,677	8	99 620	67 426,895	1 371 852,803	20,346	19,879
9	99 543	64 166,354	1 289 870,549	20,102	19,636	9	99 613	64 211,615	1 304 425,908	20,314	19,848
10	99 535	61 105,923	1 225 704,195	20,059	19,592	10	99 607	61 150,179	1 240 214,293	20,281	19,815
11	99 527	58 191,506	1 164 598,272	20,013	19,547	11	99 601	58 234,859	1 179 064,114	20,247	19,780
12	99 520	55 416,193	1 106 406,765	19,965	19,499	12	99 594	55 457,481	1 120 829,255	20,211	19,744
13	99 513	52 773,693	1 050 990,572	19,915	19,449	13	99 586	52 812,502	1 065 371,774	20,173	19,706
14	99 503	50 255,841	998 216,879	19,863	19,396	14	99 576	50 292,882	1 012 559,272	20,133	19,667
15	99 490	47 856,213	947 961,037	19,809	19,342	15	99 567	47 893,566	962 266,390	20,092	19,625
16	99 474	45 570,059	900 104,825	19,752	19,286	16	99 555	45 607,371	914 372,824	20,049	19,582
17	99 449	43 389,316	854 534,766	19,695	19,228	17	99 541	43 429,195	868 765,453	20,004	19,538
18	99 422	41 311,804	811 145,450	19,635	19,168	18	99 527	41 355,507	825 336,258	19,957	19,491
19	99 384	39 329,500	769 833,645	19,574	19,108	19	99 507	39 378,437	783 980,751	19,909	19,442
20	99 344	37 441,771	730 504,145	19,510	19,044	20	99 490	37 496,718	744 602,314	19,858	19,391
21	99 301	35 643,431	693 062,374	19,444	18,978	21	99 472	35 704,558	707 105,596	19,804	19,338
22	99 261	33 932,368	657 418,943	19,374	18,908	22	99 455	33 998,734	671 401,038	19,748	19,281
23	99 216	32 301,880	623 486,576	19,302	18,835	23	99 439	32 374,475	637 402,305	19,688	19,222
24	99 175	30 751,096	591 184,696	19,225	18,758	24	99 421	30 827,284	605 027,830	19,626	19,160
25	99 128	29 272,851	560 433,600	19,145	18,679	25	99 403	29 354,035	574 200,546	19,561	19,095
26	99 085	27 866,697	531 160,748	19,061	18,594	26	99 384	27 950,906	544 846,511	19,493	19,027
27	99 039	26 527,534	503 294,051	18,973	18,506	27	99 366	26 614,901	516 895,605	19,421	18,955
28	98 994	25 252,650	476 766,518	18,880	18,413	28	99 344	25 342,070	490 280,704	19,347	18,880
29	98 946	24 038,482	451 513,868	18,783	18,317	29	99 321	24 129,618	464 938,633	19,268	18,802
30	98 894	22 881,850	427 475,386	18,682	18,215	30	99 295	22 974,642	440 809,016	19,187	18,720
31	98 839	21 780,004	404 593,536	18,576	18,110	31	99 264	21 873,672	417 834,374	19,102	18,636
32	98 778	20 730,086	382 813,533	18,467	18,000	32	99 232	20 825,527	395 960,702	19,013	18,547
33	98 715	19 730,422	362 083,447	18,352	17,885	33	99 198	19 827,040	375 135,174	18,920	18,454
34	98 643	18 777,129	342 353,025	18,232	17,766	34	99 163	18 876,091	355 308,134	18,823	18,357
35	98 567	17 869,218	323 575,896	18,108	17,642	35	99 122	17 969,931	336 432,043	18,722	18,256
36	98 488	17 004,650	305 706,678	17,978	17,511	36	99 082	17 107,167	318 462,112	18,616	18,149
37	98 403	16 180,986	288 702,028	17,842	17,376	37	99 036	16 285,070	301 354,946	18,505	18,039
38	98 307	15 395,363	272 521,042	17,702	17,235	38	98 989	15 502,228	285 069,876	18,389	17,923
39	98 202	14 646,596	257 125,679	17,555	17,089	39	98 929	14 755,120	269 567,648	18,269	17,803
40	98 092	13 933,600	242 479,083	17,402	16,936	40	98 870	14 044,048	254 812,527	18,144	17,677
41	97 971	13 253,670	228 545,483	17,244	16,778	41	98 802	13 366,113	240 768,479	18,013	17,547
42	97 840	12 605,707	215 291,812	17,079	16,613	42	98 729	12 720,208	227 402,367	17,877	17,411
43	97 699	11 988,139	202 686,105	16,907	16,441	43	98 651	12 104,868	214 682,159	17,735	17,269
44	97 549	11 399,695	190 697,966	16,728	16,262	44	98 561	11 517,977	202 577,291	17,588	17,122
45	97 374	10 837,332	179 298,271	16,545	16,078	45	98 465	10 958,855	191 059,315	17,434	16,968
46	97 183	10 301,052	168 460,939	16,354	15,887	46	98 352	10 424,979	180 100,460	17,276	16,809
47	96 971	9 789,147	158 159,887	16,157	15,690	47	98 232	9 916,463	169 675,481	17,110	16,644
48	96 741	9 300,921	148 370,740	15,952	15,486	48	98 098	9 431,309	159 759,018	16,939	16,473
49	96 484	8 834,498	139 069,818	15,742	15,275	49	97 941	8 967,881	150 327,709	16,763	16,296

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	8 388,808	130 235,320	15,525	15,058	50	97 770	8 525,909	141 359,828	16,580	16,114
51	95 878	7 962,783	121 846,513	15,302	14,836	51	97 589	8 104,866	132 833,919	16,389	15,923
52	95 523	7 555,528	113 883,730	15,073	14,606	52	97 380	7 702,380	124 729,053	16,194	15,727
53	95 128	7 165,945	106 328,202	14,838	14,372	53	97 153	7 318,487	117 026,673	15,991	15,524
54	94 681	6 792,652	99 162,256	14,598	14,132	54	96 903	6 952,091	109 708,186	15,781	15,314
55	94 177	6 434,800	92 369,605	14,355	13,888	55	96 623	6 601,912	102 756,096	15,565	15,098
56	93 621	6 092,147	85 934,805	14,106	13,639	56	96 310	6 267,130	96 154,183	15,343	14,876
57	93 004	5 763,824	79 842,658	13,852	13,386	57	95 965	5 947,345	89 887,054	15,114	14,647
58	92 322	5 449,107	74 078,834	13,595	13,128	58	95 588	5 641,912	83 939,708	14,878	14,411
59	91 569	5 147,296	68 629,728	13,333	12,867	59	95 173	5 349,879	78 297,797	14,635	14,169
60	90 750	4 858,375	63 482,431	13,067	12,600	60	94 725	5 071,143	72 947,918	14,385	13,919
61	89 858	4 581,535	58 624,056	12,796	12,329	61	94 225	4 804,179	67 876,775	14,129	13,662
62	88 886	4 316,149	54 042,521	12,521	12,055	62	93 689	4 549,393	63 072,596	13,864	13,398
63	87 825	4 061,532	49 726,372	12,243	11,777	63	93 115	4 306,176	58 523,203	13,591	13,124
64	86 685	3 817,925	45 664,840	11,961	11,494	64	92 486	4 073,442	54 217,027	13,310	12,843
65	85 449	3 584,295	41 846,916	11,675	11,209	65	91 795	3 850,479	50 143,584	13,023	12,556
66	84 132	3 360,973	38 262,621	11,384	10,918	66	91 063	3 637,894	46 293,105	12,725	12,259
67	82 734	3 147,772	34 901,648	11,088	10,621	67	90 265	3 434,303	42 655,211	12,420	11,954
68	81 246	2 943,927	31 753,876	10,786	10,320	68	89 410	3 239,751	39 220,908	12,106	11,640
69	79 687	2 749,964	28 809,949	10,476	10,010	69	88 474	3 053,186	35 981,156	11,785	11,318
70	78 006	2 563,754	26 059,985	10,165	9,698	70	87 452	2 874,197	32 927,971	11,456	10,990
71	76 266	2 387,214	23 496,231	9,843	9,376	71	86 350	2 702,844	30 053,774	11,119	10,653
72	74 387	2 217,519	21 109,016	9,519	9,053	72	85 167	2 538,867	27 350,930	10,773	10,306
73	72 439	2 056,624	18 891,497	9,186	8,719	73	83 905	2 382,149	24 812,063	10,416	9,949
74	70 357	1 902,385	16 834,873	8,849	8,383	74	82 528	2 231,470	22 429,914	10,052	9,585
75	68 170	1 755,475	14 932,488	8,506	8,040	75	81 055	2 087,289	20 198,443	9,677	9,210
76	65 878	1 615,670	13 177,013	8,156	7,689	76	79 496	1 949,665	18 111,154	9,289	8,823
77	63 429	1 481,534	11 561,343	7,804	7,337	77	77 782	1 816,779	16 161,490	8,896	8,429
78	60 848	1 353,564	10 079,809	7,447	6,980	78	75 931	1 689,092	14 344,710	8,493	8,026
79	58 081	1 230,493	8 726,246	7,092	6,625	79	73 847	1 564,504	12 655,619	8,089	7,623
80	55 150	1 112,755	7 495,753	6,736	6,270	80	71 527	1 443,196	11 091,114	7,685	7,219
81	52 038	999,972	6 382,997	6,383	5,917	81	68 919	1 324,357	9 647,918	7,285	6,819
82	48 680	890,897	5 383,025	6,042	5,576	82	65 978	1 207,469	8 323,560	6,893	6,427
83	45 143	786,828	4 492,128	5,709	5,243	83	62 720	1 093,186	7 116,092	6,509	6,043
84	41 466	688,314	3 705,300	5,383	4,917	84	59 163	982,085	6 022,906	6,133	5,666
85	37 651	595,232	3 016,987	5,069	4,602	85	55 308	874,371	5 040,821	5,765	5,299
86	33 710	507,545	2 421,755	4,772	4,305	86	51 097	769,343	4 166,450	5,416	4,949
87	29 742	426,479	1 914,210	4,488	4,022	87	46 643	668,830	3 397,107	5,079	4,613
88	25 813	352,514	1 487,731	4,220	3,754	88	41 981	573,317	2 728,277	4,759	4,292
89	21 974	285,804	1 135,217	3,972	3,506	89	37 187	483,660	2 154,960	4,456	3,989
90	18 346	227,251	849,413	3,738	3,271	90	32 370	400,969	1 671,299	4,168	3,702
91	15 015	177,134	622,162	3,512	3,046	91	27 597	325,558	1 270,330	3,902	3,436
92	12 026	135,115	445,028	3,294	2,827	92	22 970	258,079	944,772	3,661	3,194
93	9 316	99,679	309,913	3,109	2,643	93	18 663	199,704	686,693	3,439	2,972
94	7 048	71,824	210,234	2,927	2,461	94	14 763	150,448	486,989	3,237	2,771
95	5 145	49,934	138,410	2,772	2,305	95	11 365	110,305	336,541	3,051	2,585
96	3 652	33,759	88,476	2,621	2,154	96	8 492	78,498	226,236	2,882	2,416
97	2 475	21,786	54,718	2,512	2,045	97	6 067	53,404	147,738	2,766	2,300
98	1 642	13,765	32,931	2,392	1,926	98	4 253	35,653	94,333	2,646	2,179
99	1 049	8,379	19,166	2,287	1,821	99	2 921	23,323	58,681	2,516	2,050
100	647	4,917	10,787	2,194	1,727	100	1 937	14,728	35,358	2,401	1,934

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 5,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 949 299,484	19,493	19,026	0	100 000	100 000,000	1 962 220,530	19,622	19,155
1	99 644	94 673,419	1 849 299,484	19,533	19,067	1	99 699	94 726,333	1 862 220,530	19,659	19,192
2	99 616	89 926,128	1 754 626,065	19,512	19,045	2	99 675	89 978,952	1 767 494,196	19,643	19,177
3	99 601	85 427,164	1 664 699,937	19,487	19,020	3	99 662	85 480,070	1 677 515,245	19,625	19,158
4	99 590	81 157,109	1 579 272,773	19,459	18,993	4	99 652	81 207,843	1 592 035,174	19,604	19,138
5	99 579	77 100,678	1 498 115,664	19,431	18,964	5	99 643	77 149,713	1 510 827,331	19,583	19,116
6	99 569	73 247,442	1 421 014,986	19,400	18,933	6	99 634	73 294,860	1 433 677,618	19,560	19,094
7	99 560	69 587,442	1 347 767,545	19,368	18,901	7	99 625	69 632,662	1 360 382,758	19,537	19,070
8	99 552	66 110,639	1 278 180,102	19,334	18,867	8	99 620	66 156,225	1 290 750,096	19,511	19,044
9	99 543	62 807,588	1 212 069,463	19,298	18,831	9	99 613	62 851,891	1 224 593,871	19,484	19,017
10	99 535	59 669,893	1 149 261,875	19,260	18,794	10	99 607	59 713,108	1 161 741,980	19,455	18,989
11	99 527	56 688,993	1 089 591,983	19,221	18,754	11	99 601	56 731,226	1 102 028,872	19,425	18,959
12	99 520	53 857,107	1 032 902,990	19,179	18,712	12	99 594	53 897,234	1 045 297,647	19,394	18,927
13	99 513	51 167,125	979 045,883	19,134	18,667	13	99 586	51 204,752	991 400,413	19,361	18,895
14	99 503	48 610,185	927 878,757	19,088	18,621	14	99 576	48 646,012	940 195,660	19,327	18,860
15	99 490	46 179,183	879 268,573	19,040	18,574	15	99 567	46 215,228	891 549,648	19,291	18,824
16	99 474	43 868,694	833 089,390	18,991	18,524	16	99 555	43 904,612	845 334,421	19,254	18,787
17	99 449	41 670,155	789 220,696	18,940	18,473	17	99 541	41 708,454	801 429,808	19,215	18,748
18	99 422	39 580,718	747 550,541	18,887	18,420	18	99 527	39 622,589	759 721,354	19,174	18,707
19	99 384	37 591,973	707 969,823	18,833	18,366	19	99 507	37 638,748	720 098,766	19,132	18,665
20	99 344	35 702,635	670 377,851	18,777	18,310	20	99 490	35 755,030	682 460,017	19,087	18,620
21	99 301	33 907,095	634 675,215	18,718	18,251	21	99 472	33 965,245	646 704,987	19,040	18,573
22	99 261	32 202,712	600 768,120	18,656	18,189	22	99 455	32 265,695	612 739,743	18,990	18,524
23	99 216	30 582,520	568 565,408	18,591	18,124	23	99 439	30 651,251	580 474,048	18,938	18,471
24	99 175	29 045,126	537 982,888	18,522	18,056	24	99 421	29 117,088	549 822,797	18,883	18,416
25	99 128	27 583,215	508 937,761	18,451	17,984	25	99 403	27 659,713	520 705,709	18,825	18,359
26	99 085	26 195,854	481 354,546	18,375	17,908	26	99 384	26 275,014	493 045,996	18,765	18,298
27	99 039	24 877,751	455 158,692	18,296	17,829	27	99 366	24 959,685	466 770,982	18,701	18,234
28	98 994	23 625,902	430 280,941	18,212	17,745	28	99 344	23 709,562	441 811,297	18,634	18,168
29	98 946	22 436,529	406 655,038	18,125	17,658	29	99 321	22 521,592	418 101,734	18,564	18,098
30	98 894	21 306,247	384 218,509	18,033	17,566	30	99 295	21 392,650	395 580,142	18,491	18,025
31	98 839	20 232,101	362 912,262	17,937	17,471	31	99 264	20 319,112	374 187,492	18,416	17,949
32	98 778	19 211,060	342 680,161	17,838	17,371	32	99 232	19 299,508	353 868,380	18,336	17,869
33	98 715	18 241,216	323 469,101	17,733	17,266	33	99 198	18 330,542	334 568,872	18,252	17,785
34	98 643	17 318,641	305 227,885	17,624	17,157	34	99 163	17 409,916	316 238,330	18,164	17,697
35	98 567	16 442,103	287 909,244	17,510	17,044	35	99 122	16 534,772	298 828,414	18,073	17,606
36	98 488	15 609,418	271 467,141	17,391	16,924	36	99 082	15 703,523	282 293,642	17,976	17,510
37	98 403	14 818,054	255 857,723	17,267	16,800	37	99 036	14 913,371	266 590,119	17,876	17,409
38	98 307	14 065,116	241 039,669	17,137	16,671	38	98 989	14 162,748	251 676,748	17,770	17,304
39	98 202	13 349,263	226 974,553	17,003	16,536	39	98 929	13 448,175	237 514,001	17,661	17,195
40	98 092	12 669,256	213 625,290	16,862	16,395	40	98 870	12 769,682	224 065,826	17,547	17,080
41	97 971	12 022,399	200 956,033	16,715	16,248	41	98 802	12 124,395	211 296,143	17,427	16,961
42	97 840	11 407,471	188 933,634	16,562	16,095	42	98 729	11 511,088	199 171,748	17,303	16,836
43	97 699	10 822,837	177 526,163	16,403	15,936	43	98 651	10 928,219	187 660,660	17,172	16,705
44	97 549	10 267,147	166 703,326	16,237	15,770	44	98 561	10 373,678	176 732,441	17,037	16,570
45	97 374	9 737,470	156 436,178	16,065	15,599	45	98 465	9 846,660	166 358,763	16,895	16,428
46	97 183	9 233,632	146 698,708	15,887	15,421	46	98 352	9 344,716	156 512,103	16,749	16,282
47	96 971	8 753,929	137 465,077	15,703	15,236	47	98 232	8 867,781	147 167,386	16,596	16,129
48	96 741	8 297,577	128 711,148	15,512	15,045	48	98 098	8 413,899	138 299,606	16,437	15,970
49	96 484	7 862,749	120 413,571	15,314	14,848	49	97 941	7 981,461	129 885,706	16,273	15,807

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 5,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	7 448,348	112 550,822	15,111	14,644	50	97 770	7 570,079	121 904,246	16,103	15,637
51	95 878	7 053,291	105 102,473	14,901	14,434	51	97 589	7 179,145	114 334,167	15,926	15,459
52	95 523	6 676,655	98 049,183	14,685	14,219	52	97 380	6 806,425	107 155,021	15,743	15,276
53	95 128	6 317,348	91 372,528	14,464	13,997	53	97 153	6 451,825	100 348,596	15,554	15,087
54	94 681	5 974,036	85 055,180	14,237	13,771	54	96 903	6 114,260	93 896,771	15,357	14,890
55	94 177	5 645,869	79 081,143	14,007	13,540	55	96 623	5 792,492	87 782,511	15,155	14,688
56	93 621	5 332,529	73 435,275	13,771	13,304	56	96 310	5 485,694	81 990,018	14,946	14,479
57	93 004	5 033,161	68 102,746	13,531	13,064	57	95 965	5 193,418	76 504,324	14,731	14,264
58	92 322	4 747,037	63 069,585	13,286	12,819	58	95 588	4 915,000	71 310,907	14,509	14,042
59	91 569	4 473,461	58 322,548	13,037	12,571	59	95 173	4 649,523	66 395,906	14,280	13,813
60	90 750	4 212,334	53 849,087	12,784	12,317	60	94 725	4 396,808	61 746,383	14,043	13,577
61	89 858	3 962,870	49 636,754	12,525	12,059	61	94 225	4 155,450	57 349,575	13,801	13,334
62	88 886	3 724,453	45 673,883	12,263	11,796	62	93 689	3 925,722	53 194,125	13,550	13,083
63	87 825	3 496,416	41 949,431	11,998	11,531	63	93 115	3 707,021	49 268,403	13,291	12,824
64	86 685	3 278,897	38 453,015	11,727	11,261	64	92 486	3 498,340	45 561,382	13,024	12,557
65	85 449	3 070,940	35 174,117	11,454	10,987	65	91 795	3 299,001	42 063,042	12,750	12,283
66	84 132	2 872,763	32 103,177	11,175	10,708	66	91 063	3 109,460	38 764,041	12,466	12,000
67	82 734	2 684,141	29 230,414	10,890	10,423	67	90 265	2 928,469	35 654,582	12,175	11,708
68	81 246	2 504,357	26 546,273	10,600	10,133	68	89 410	2 756,011	32 726,112	11,874	11,408
69	79 687	2 333,799	24 041,916	10,302	9,835	69	88 474	2 591,133	29 970,102	11,566	11,100
70	78 006	2 170,601	21 708,117	10,001	9,534	70	87 452	2 433,438	27 378,969	11,251	10,784
71	76 266	2 016,333	19 537,516	9,690	9,223	71	86 350	2 282,926	24 945,532	10,927	10,460
72	74 387	1 868,553	17 521,183	9,377	8,910	72	85 167	2 139,331	22 662,606	10,593	10,127
73	72 439	1 728,861	15 652,630	9,054	8,587	73	83 905	2 002,508	20 523,275	10,249	9,782
74	70 357	1 595,404	13 923,769	8,727	8,261	74	82 528	1 871,387	18 520,767	9,897	9,430
75	68 170	1 468,704	12 328,364	8,394	7,927	75	81 055	1 746,314	16 649,381	9,534	9,067
76	65 878	1 348,526	10 859,660	8,053	7,586	76	79 496	1 627,296	14 903,067	9,158	8,691
77	63 429	1 233,632	9 511,134	7,710	7,243	77	77 782	1 512,781	13 275,771	8,776	8,309
78	60 848	1 124,397	8 277,502	7,362	6,895	78	75 931	1 403,119	11 762,990	8,383	7,917
79	58 081	1 019,736	7 153,105	7,015	6,548	79	73 847	1 296,538	10 359,871	7,990	7,524
80	55 150	919,973	6 133,369	6,667	6,200	80	71 527	1 193,166	9 063,333	7,596	7,129
81	52 038	824,766	5 213,396	6,321	5,854	81	68 919	1 092,315	7 870,167	7,205	6,738
82	48 680	733,057	4 388,630	5,987	5,520	82	65 978	993,541	6 777,852	6,822	6,355
83	45 143	645,887	3 655,573	5,660	5,193	83	62 720	897,369	5 784,311	6,446	5,979
84	41 466	563,678	3 009,686	5,339	4,873	84	59 163	804,255	4 886,942	6,076	5,610
85	37 651	486,292	2 446,009	5,030	4,563	85	55 308	714,344	4 082,687	5,715	5,249
86	33 710	413,669	1 959,716	4,737	4,271	86	51 097	627,045	3 368,343	5,372	4,905
87	29 742	346,772	1 546,047	4,458	3,992	87	46 643	543,828	2 741,299	5,041	4,574
88	25 813	285,949	1 199,275	4,194	3,727	88	41 981	465,059	2 197,471	4,725	4,258
89	21 974	231,285	913,326	3,949	3,482	89	37 187	391,400	1 732,411	4,426	3,959
90	18 346	183,465	682,040	3,718	3,251	90	32 370	323,712	1 341,011	4,143	3,676
91	15 015	142,665	498,575	3,495	3,028	91	27 597	262,206	1 017,299	3,880	3,413
92	12 026	108,564	355,910	3,278	2,812	92	22 970	207,365	755,093	3,641	3,175
93	9 316	79,901	247,347	3,096	2,629	93	18 663	160,079	547,728	3,422	2,955
94	7 048	57,436	167,445	2,915	2,449	94	14 763	120,311	387,649	3,222	2,755
95	5 145	39,836	110,009	2,762	2,295	95	11 365	87,999	267,338	3,038	2,571
96	3 652	26,868	70,173	2,612	2,145	96	8 492	62,475	179,339	2,871	2,404
97	2 475	17,298	43,305	2,503	2,037	97	6 067	42,403	116,864	2,756	2,289
98	1 642	10,904	26,006	2,385	1,918	98	4 253	28,241	74,461	2,637	2,170
99	1 049	6,621	15,103	2,281	1,814	99	2 921	18,431	46,220	2,508	2,041
100	647	3,877	8,482	2,188	1,721	100	1 937	11,611	27,790	2,393	1,927

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 5,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 871 538,926	18,715	18,248	0	100 000	100 000,000	1 882 738,297	18,827	18,360
1	99 644	94 449,074	1 771 538,926	18,757	18,289	1	99 699	94 501,863	1 782 738,297	18,865	18,397
2	99 616	89 500,443	1 677 089,852	18,738	18,271	2	99 675	89 553,017	1 688 236,433	18,852	18,385
3	99 601	84 821,300	1 587 589,409	18,717	18,250	3	99 662	84 873,831	1 598 683,417	18,836	18,369
4	99 590	80 390,577	1 502 768,109	18,693	18,226	4	99 652	80 440,832	1 513 809,586	18,819	18,352
5	99 579	76 191,482	1 422 377,532	18,668	18,201	5	99 643	76 239,939	1 433 368,754	18,801	18,334
6	99 569	72 212,159	1 346 186,050	18,642	18,175	6	99 634	72 258,907	1 357 128,815	18,781	18,314
7	99 560	68 441,322	1 273 973,891	18,614	18,147	7	99 625	68 485,797	1 284 869,908	18,761	18,294
8	99 552	64 867,703	1 205 532,569	18,584	18,117	8	99 620	64 912,431	1 216 384,111	18,739	18,272
9	99 543	61 480,716	1 140 664,867	18,553	18,086	9	99 613	61 524,083	1 151 471,680	18,716	18,249
10	99 535	58 270,897	1 079 184,151	18,520	18,053	10	99 607	58 313,099	1 089 947,597	18,691	18,224
11	99 527	55 228,702	1 020 913,254	18,485	18,018	11	99 601	55 269,847	1 031 634,497	18,665	18,198
12	99 520	52 345,429	965 684,552	18,448	17,981	12	99 594	52 384,429	976 364,651	18,638	18,171
13	99 513	49 613,104	913 339,123	18,409	17,942	13	99 586	49 649,588	923 980,221	18,610	18,143
14	99 503	47 022,130	863 726,019	18,369	17,901	14	99 576	47 056,787	874 330,633	18,580	18,113
15	99 490	44 564,693	816 703,889	18,326	17,859	15	99 567	44 599,477	827 273,846	18,549	18,082
16	99 474	42 234,662	772 139,196	18,282	17,815	16	99 555	42 269,243	782 674,368	18,516	18,049
17	99 449	40 022,948	729 904,534	18,237	17,770	17	99 541	40 059,733	740 405,126	18,483	18,015
18	99 422	37 926,020	689 881,586	18,190	17,723	18	99 527	37 966,141	700 345,392	18,447	17,979
19	99 384	35 935,060	651 955,566	18,143	17,675	19	99 507	35 979,773	662 379,252	18,410	17,943
20	99 344	34 048,123	616 020,506	18,093	17,625	20	99 490	34 098,090	626 399,478	18,371	17,903
21	99 301	32 259,166	581 972,383	18,041	17,573	21	99 472	32 314,489	592 301,389	18,329	17,862
22	99 261	30 565,016	549 713,217	17,985	17,518	22	99 455	30 624,796	559 986,900	18,285	17,818
23	99 216	28 958,436	519 148,201	17,927	17,460	23	99 439	29 023,517	529 362,104	18,239	17,772
24	99 175	27 437,513	490 189,765	17,866	17,398	24	99 421	27 505,492	500 338,587	18,190	17,723
25	99 128	25 994,772	462 752,252	17,802	17,335	25	99 403	26 066,865	472 833,095	18,139	17,672
26	99 085	24 628,804	436 757,480	17,734	17,266	26	99 384	24 703,229	446 766,231	18,085	17,618
27	99 039	23 334,126	412 128,676	17,662	17,195	27	99 366	23 410,976	422 063,002	18,028	17,561
28	98 994	22 107,440	388 794,550	17,587	17,119	28	99 344	22 185,723	398 652,026	17,969	17,502
29	98 946	20 944,760	366 687,109	17,507	17,040	29	99 321	21 024,166	376 466,303	17,906	17,439
30	98 894	19 842,496	345 742,350	17,424	16,957	30	99 295	19 922,963	355 442,136	17,841	17,374
31	98 839	18 797,495	325 899,853	17,337	16,870	31	99 264	18 878,336	335 519,173	17,773	17,306
32	98 778	17 806,557	307 102,359	17,247	16,779	32	99 232	17 888,539	316 640,837	17,701	17,234
33	98 715	16 867,552	289 295,801	17,151	16,684	33	99 198	16 950,151	298 752,298	17,625	17,158
34	98 643	15 976,503	272 428,249	17,052	16,585	34	99 163	16 060,705	281 802,146	17,546	17,079
35	98 567	15 131,951	256 451,746	16,948	16,481	35	99 122	15 217,236	265 741,441	17,463	16,996
36	98 488	14 331,575	241 319,795	16,838	16,371	36	99 082	14 417,976	250 524,205	17,376	16,909
37	98 403	13 572,756	226 988,220	16,724	16,257	37	99 036	13 660,062	236 106,228	17,284	16,817
38	98 307	12 852,566	213 415,464	16,605	16,138	38	98 989	12 941,780	222 446,166	17,188	16,721
39	98 202	12 169,520	200 562,898	16,481	16,014	39	98 929	12 259,690	209 504,386	17,089	16,622
40	98 092	11 522,240	188 393,378	16,350	15,883	40	98 870	11 613,574	197 244,696	16,984	16,517
41	97 971	10 908,036	176 871,138	16,215	15,748	41	98 802	11 000,579	185 631,122	16,875	16,407
42	97 840	10 325,580	165 963,102	16,073	15,606	42	98 729	10 419,370	174 630,543	16,760	16,293
43	97 699	9 773,179	155 637,521	15,925	15,458	43	98 651	9 868,341	164 211,173	16,640	16,173
44	97 549	9 249,413	145 864,342	15,770	15,303	44	98 561	9 345,384	154 342,832	16,515	16,048
45	97 374	8 751,453	136 614,929	15,611	15,143	45	98 465	8 849,586	144 997,449	16,385	15,917
46	97 183	8 278,968	127 863,476	15,444	14,977	46	98 352	8 378,568	136 147,863	16,250	15,782
47	96 971	7 830,262	119 584,508	15,272	14,805	47	98 232	7 932,101	127 769,295	16,108	15,641
48	96 741	7 404,475	111 754,246	15,093	14,626	48	98 098	7 508,277	119 837,194	15,961	15,493
49	96 484	6 999,822	104 349,771	14,907	14,440	49	97 941	7 105,505	112 328,917	15,809	15,342

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 5,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	6 615,188	97 349,949	14,716	14,249	50	97 770	6 723,303	105 223,412	15,651	15,183
51	95 878	6 249,477	90 734,760	14,519	14,052	51	97 589	6 360,989	98 500,109	15,485	15,018
52	95 523	5 901,745	84 485,283	14,315	13,848	52	97 380	6 016,454	92 139,120	15,315	14,847
53	95 128	5 570,908	78 583,538	14,106	13,639	53	97 153	5 689,496	86 122,666	15,137	14,670
54	94 681	5 255,677	73 012,630	13,892	13,425	54	96 903	5 379,040	80 433,170	14,953	14,486
55	94 177	4 955,200	67 756,953	13,674	13,207	55	96 623	5 083,887	75 054,131	14,763	14,296
56	93 621	4 669,102	62 801,753	13,450	12,983	56	96 310	4 803,211	69 970,243	14,567	14,100
57	93 004	4 396,535	58 132,651	13,222	12,755	57	95 965	4 536,522	65 167,032	14,365	13,898
58	92 322	4 136,776	53 736,115	12,990	12,523	58	95 588	4 283,147	60 630,510	14,156	13,688
59	91 569	3 889,132	49 599,340	12,753	12,286	59	95 173	4 042,197	56 347,363	13,940	13,473
60	90 750	3 653,435	45 710,207	12,512	12,044	60	94 725	3 813,434	52 305,166	13,716	13,249
61	89 858	3 428,927	42 056,772	12,265	11,798	61	94 225	3 595,559	48 491,732	13,487	13,019
62	88 886	3 214,996	38 627,845	12,015	11,548	62	93 689	3 388,734	44 896,174	13,249	12,781
63	87 825	3 011,000	35 412,849	11,761	11,294	63	93 115	3 192,366	41 507,439	13,002	12,535
64	86 685	2 816,988	32 401,849	11,502	11,035	64	92 486	3 005,518	38 315,073	12,748	12,281
65	85 449	2 632,075	29 584,861	11,240	10,773	65	91 795	2 827,544	35 309,555	12,488	12,021
66	84 132	2 456,385	26 952,785	10,973	10,505	66	91 063	2 658,774	32 482,012	12,217	11,750
67	82 734	2 289,662	24 496,401	10,699	10,232	67	90 265	2 498,083	29 823,237	11,938	11,471
68	81 246	2 131,239	22 206,738	10,420	9,952	68	89 410	2 345,399	27 325,154	11,651	11,183
69	79 687	1 981,385	20 075,499	10,132	9,665	69	88 474	2 199,860	24 979,755	11,355	10,888
70	78 006	1 838,464	18 094,114	9,842	9,375	70	87 452	2 061,082	22 779,895	11,052	10,585
71	76 266	1 703,755	16 255,650	9,541	9,074	71	86 350	1 929,019	20 718,813	10,741	10,273
72	74 387	1 575,142	14 551,895	9,238	8,771	72	85 167	1 803,401	18 789,793	10,419	9,952
73	72 439	1 453,933	12 976,753	8,925	8,458	73	83 905	1 684,063	16 986,392	10,087	9,619
74	70 357	1 338,519	11 522,820	8,609	8,141	74	82 528	1 570,063	15 302,329	9,746	9,279
75	68 170	1 229,299	10 184,301	8,285	7,817	75	81 055	1 461,657	13 732,266	9,395	8,928
76	65 878	1 126,036	8 955,002	7,953	7,485	76	79 496	1 358,813	12 270,609	9,030	8,563
77	63 429	1 027,657	7 828,966	7,618	7,151	77	77 782	1 260,198	10 911,795	8,659	8,192
78	60 848	934,442	6 801,309	7,278	6,811	78	75 931	1 166,076	9 651,597	8,277	7,810
79	58 081	845,453	5 866,867	6,939	6,472	79	73 847	1 074,947	8 485,522	7,894	7,427
80	55 150	760,934	5 021,414	6,599	6,132	80	71 527	986,899	7 410,575	7,509	7,042
81	52 038	680,568	4 260,480	6,260	5,793	81	68 919	901,341	6 423,676	7,127	6,660
82	48 680	603,460	3 579,912	5,932	5,465	82	65 978	817,893	5 522,335	6,752	6,285
83	45 143	530,441	2 976,452	5,611	5,144	83	62 720	736,973	4 704,442	6,383	5,916
84	41 466	461,829	2 446,011	5,296	4,829	84	59 163	658,937	3 967,469	6,021	5,554
85	37 651	397,482	1 984,182	4,992	4,525	85	55 308	583,885	3 308,532	5,666	5,199
86	33 710	337,321	1 586,700	4,704	4,237	86	51 097	511,314	2 724,647	5,329	4,862
87	29 742	282,100	1 249,380	4,429	3,962	87	46 643	442,406	2 213,333	5,003	4,536
88	25 813	232,069	967,280	4,168	3,701	88	41 981	377,431	1 770,927	4,692	4,225
89	21 974	187,261	735,210	3,926	3,459	89	37 187	316,898	1 393,496	4,397	3,930
90	18 346	148,191	547,950	3,698	3,230	90	32 370	261,473	1 076,599	4,117	3,650
91	15 015	114,962	399,759	3,477	3,010	91	27 597	211,291	815,126	3,858	3,391
92	12 026	87,275	284,797	3,263	2,796	92	22 970	166,703	603,835	3,622	3,155
93	9 316	64,081	197,521	3,082	2,615	93	18 663	128,384	437,132	3,405	2,938
94	7 048	45,955	133,440	2,904	2,437	94	14 763	96,261	308,748	3,207	2,740
95	5 145	31,798	87,485	2,751	2,284	95	11 365	70,242	212,487	3,025	2,558
96	3 652	21,396	55,687	2,603	2,136	96	8 492	49,750	142,245	2,859	2,392
97	2 475	13,742	34,292	2,495	2,028	97	6 067	33,686	92,495	2,746	2,279
98	1 642	8,642	20,550	2,378	1,911	98	4 253	22,382	58,809	2,627	2,160
99	1 049	5,235	11,908	2,275	1,807	99	2 921	14,572	36,427	2,500	2,033
100	647	3,058	6,673	2,182	1,715	100	1 937	9,158	21,854	2,386	1,919

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 5,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 799 610,331	17,996	17,529	0	100 000	100 000,000	1 809 350,106	18,094	17,626
1	99 644	94 225,791	1 699 610,331	18,038	17,570	1	99 699	94 278,455	1 709 350,106	18,131	17,663
2	99 616	89 077,773	1 605 384,540	18,022	17,555	2	99 675	89 130,098	1 615 071,652	18,120	17,653
3	99 601	84 221,151	1 516 306,767	18,004	17,536	3	99 662	84 273,311	1 525 941,553	18,107	17,639
4	99 590	79 633,074	1 432 085,616	17,984	17,516	4	99 652	79 682,856	1 441 668,242	18,093	17,625
5	99 579	75 295,121	1 352 452,542	17,962	17,494	5	99 643	75 343,008	1 361 985,387	18,077	17,610
6	99 569	71 193,908	1 277 157,420	17,939	17,472	6	99 634	71 239,997	1 286 642,378	18,061	17,593
7	99 560	67 316,724	1 205 963,513	17,915	17,447	7	99 625	67 360,468	1 215 402,382	18,043	17,576
8	99 552	63 650,993	1 138 646,789	17,889	17,421	8	99 620	63 694,883	1 148 041,914	18,024	17,557
9	99 543	60 184,917	1 074 995,795	17,862	17,394	9	99 613	60 227,371	1 084 347,031	18,004	17,537
10	99 535	56 907,898	1 014 810,878	17,833	17,365	10	99 607	56 949,112	1 024 119,660	17,983	17,515
11	99 527	53 809,351	957 902,980	17,802	17,334	11	99 601	53 849,439	967 170,547	17,961	17,493
12	99 520	50 879,609	904 093,630	17,769	17,302	12	99 594	50 917,517	913 321,109	17,937	17,470
13	99 513	48 109,793	853 214,021	17,735	17,267	13	99 586	48 145,172	862 403,592	17,913	17,445
14	99 503	45 489,532	805 104,228	17,699	17,231	14	99 576	45 523,060	814 258,420	17,887	17,419
15	99 490	43 010,270	759 614,696	17,661	17,194	15	99 567	43 043,841	768 735,360	17,859	17,392
16	99 474	40 665,148	716 604,425	17,622	17,155	16	99 555	40 698,444	725 691,519	17,831	17,363
17	99 449	38 444,525	675 939,277	17,582	17,115	17	99 541	38 479,859	684 993,075	17,801	17,334
18	99 422	36 344,172	637 494,752	17,540	17,073	18	99 527	36 382,619	646 513,216	17,770	17,302
19	99 384	34 354,842	601 150,580	17,498	17,031	19	99 507	34 397,590	610 130,597	17,738	17,270
20	99 344	32 473,930	566 795,738	17,454	16,986	20	99 490	32 521,586	575 733,007	17,703	17,236
21	99 301	30 694,947	534 321,808	17,407	16,940	21	99 472	30 747,587	543 211,421	17,667	17,199
22	99 261	29 014,191	503 626,862	17,358	16,890	22	99 455	29 070,938	512 463,834	17,628	17,160
23	99 216	27 424,141	474 612,670	17,306	16,839	23	99 439	27 485,773	483 392,896	17,587	17,119
24	99 175	25 922,373	447 188,530	17,251	16,783	24	99 421	25 986,597	455 907,123	17,544	17,076
25	99 128	24 501,242	421 266,157	17,194	16,726	25	99 403	24 569,193	429 920,525	17,498	17,031
26	99 085	23 158,877	396 764,915	17,132	16,665	26	99 384	23 228,860	405 351,332	17,450	16,983
27	99 039	21 889,598	373 606,038	17,068	16,600	27	99 366	21 961,691	382 122,473	17,400	16,932
28	98 994	20 689,824	351 716,439	16,999	16,532	28	99 344	20 763,088	360 160,782	17,346	16,879
29	98 946	19 555,359	331 026,615	16,928	16,460	29	99 321	19 629,499	339 397,694	17,290	16,823
30	98 894	18 482,419	311 471,256	16,852	16,385	30	99 295	18 557,370	319 768,195	17,231	16,764
31	98 839	17 467,653	292 988,836	16,773	16,306	31	99 264	17 542,776	301 210,825	17,170	16,703
32	98 778	16 507,703	275 521,183	16,690	16,223	32	99 232	16 583,704	283 668,049	17,105	16,638
33	98 715	15 600,224	259 013,480	16,603	16,136	33	99 198	15 676,617	267 084,345	17,037	16,570
34	98 643	14 741,191	243 413,257	16,512	16,045	34	99 163	14 818,882	251 407,728	16,965	16,498
35	98 567	13 928,933	228 672,066	16,417	15,949	35	99 122	14 007,438	236 588,846	16,890	16,423
36	98 488	13 161,001	214 743,132	16,317	15,849	36	99 082	13 240,345	222 581,408	16,811	16,343
37	98 403	12 434,695	201 582,131	16,211	15,744	37	99 036	12 514,681	209 341,062	16,728	16,260
38	98 307	11 747,055	189 147,436	16,102	15,634	38	98 989	11 828,596	196 826,382	16,640	16,172
39	98 202	11 096,466	177 400,381	15,987	15,520	39	98 929	11 178,686	184 997,785	16,549	16,082
40	98 092	10 481,423	166 303,915	15,867	15,399	40	98 870	10 564,507	173 819,099	16,453	15,986
41	97 971	9 899,244	155 822,491	15,741	15,273	41	98 802	9 983,227	163 254,593	16,353	15,885
42	97 840	9 348,501	145 923,248	15,609	15,142	42	98 729	9 433,416	153 271,365	16,248	15,780
43	97 699	8 827,454	136 574,747	15,472	15,004	43	98 651	8 913,407	143 837,950	16,137	15,670
44	97 549	8 334,621	127 747,293	15,327	14,860	44	98 561	8 421,100	134 924,543	16,022	15,555
45	97 374	7 867,267	119 412,672	15,178	14,711	45	98 465	7 955,486	126 503,443	15,901	15,434
46	97 183	7 424,925	111 545,405	15,023	14,556	46	98 352	7 514,250	118 547,957	15,776	15,309
47	96 971	7 005,905	104 120,480	14,862	14,394	47	98 232	7 097,022	111 033,707	15,645	15,178
48	96 741	6 609,282	97 114,575	14,694	14,226	48	98 098	6 701,936	103 936,685	15,508	15,041
49	96 484	6 233,315	90 505,293	14,520	14,052	49	97 941	6 327,426	97 234,749	15,367	14,900

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 5,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	5 876,874	84 271,978	14,340	13,872	50	97 770	5 972,922	90 907,323	15,220	14,752
51	95 878	5 538,854	78 395,103	14,154	13,686	51	97 589	5 637,686	84 934,401	15,065	14,598
52	95 523	5 218,297	72 856,249	13,962	13,494	52	97 380	5 319,722	79 296,715	14,906	14,439
53	95 128	4 914,127	67 637,952	13,764	13,296	53	97 153	5 018,734	73 976,992	14,740	14,273
54	94 681	4 625,101	62 723,824	13,562	13,094	54	96 903	4 733,662	68 958,258	14,568	14,100
55	94 177	4 350,366	58 098,724	13,355	12,887	55	96 623	4 463,346	64 224,596	14,389	13,922
56	93 621	4 089,498	53 748,358	13,143	12,675	56	96 310	4 206,960	59 761,250	14,205	13,738
57	93 004	3 841,664	49 658,859	12,926	12,459	57	95 965	3 963,983	55 554,290	14,015	13,547
58	92 322	3 606,142	45 817,196	12,705	12,238	58	95 588	3 733,738	51 590,307	13,817	13,350
59	91 569	3 382,249	42 211,054	12,480	12,013	59	95 173	3 515,365	47 856,570	13,614	13,146
60	90 750	3 169,761	38 828,804	12,250	11,782	60	94 725	3 308,577	44 341,205	13,402	12,934
61	89 858	2 967,941	35 659,044	12,015	11,547	61	94 225	3 112,171	41 032,628	13,185	12,717
62	88 886	2 776,193	32 691,102	11,776	11,308	62	93 689	2 926,218	37 920,457	12,959	12,491
63	87 825	2 593,893	29 914,910	11,533	11,065	63	93 115	2 750,135	34 994,239	12,725	12,257
64	86 685	2 421,020	27 321,017	11,285	10,817	64	92 486	2 583,049	32 244,104	12,483	12,015
65	85 449	2 256,752	24 899,997	11,034	10,566	65	91 795	2 424,347	29 661,055	12,235	11,767
66	84 132	2 101,135	22 643,245	10,777	10,309	66	91 063	2 274,254	27 236,708	11,976	11,509
67	82 734	1 953,894	20 542,110	10,513	10,046	67	90 265	2 131,751	24 962,454	11,710	11,242
68	81 246	1 814,403	18 588,216	10,245	9,777	68	89 410	1 996,726	22 830,703	11,434	10,966
69	79 687	1 682,840	16 773,813	9,968	9,500	69	88 474	1 868,396	20 833,977	11,151	10,683
70	78 006	1 557,761	15 090,973	9,688	9,220	70	87 452	1 746,390	18 965,581	10,860	10,392
71	76 266	1 440,207	13 533,211	9,397	8,929	71	86 350	1 630,626	17 219,191	10,560	10,092
72	74 387	1 328,342	12 093,004	9,104	8,636	72	85 167	1 520,836	15 588,565	10,250	9,782
73	72 439	1 223,225	10 764,663	8,800	8,333	73	83 905	1 416,839	14 067,729	9,929	9,461
74	70 357	1 123,463	9 541,438	8,493	8,025	74	82 528	1 317,806	12 650,890	9,600	9,132
75	68 170	1 029,352	8 417,975	8,178	7,710	75	81 055	1 223,917	11 333,085	9,260	8,792
76	65 878	940,656	7 388,623	7,855	7,387	76	79 496	1 135,110	10 109,168	8,906	8,438
77	63 429	856,443	6 447,967	7,529	7,061	77	77 782	1 050,242	8 974,058	8,545	8,077
78	60 848	776,917	5 591,524	7,197	6,729	78	75 931	969,503	7 923,816	8,173	7,705
79	58 081	701,268	4 814,607	6,866	6,398	79	73 847	891,624	6 954,313	7,800	7,332
80	55 150	629,671	4 113,338	6,533	6,065	80	71 527	816,656	6 062,689	7,424	6,956
81	52 038	561,837	3 483,668	6,200	5,733	81	68 919	744,094	5 246,033	7,050	6,583
82	48 680	497,003	2 921,830	5,879	5,411	82	65 978	673,608	4 501,939	6,683	6,216
83	45 143	435,833	2 424,827	5,564	5,096	83	62 720	605,528	3 828,330	6,322	5,855
84	41 466	378,561	1 988,994	5,254	4,787	84	59 163	540,131	3 222,802	5,967	5,499
85	37 651	325,046	1 610,433	4,954	4,487	85	55 308	477,479	2 682,671	5,618	5,151
86	33 710	275,196	1 285,387	4,671	4,203	86	51 097	417,145	2 205,192	5,286	4,819
87	29 742	229,601	1 010,191	4,400	3,932	87	46 643	360,074	1 788,047	4,966	4,498
88	25 813	188,435	780,590	4,142	3,675	88	41 981	306,465	1 427,973	4,660	4,192
89	21 974	151,692	592,155	3,904	3,436	89	37 187	256,705	1 121,508	4,369	3,901
90	18 346	119,759	440,463	3,678	3,210	90	32 370	211,307	864,803	4,093	3,625
91	15 015	92,686	320,704	3,460	2,993	91	27 597	170,349	653,496	3,836	3,369
92	12 026	70,198	228,018	3,248	2,781	92	22 970	134,083	483,146	3,603	3,136
93	9 316	51,420	157,820	3,069	2,602	93	18 663	103,019	349,063	3,388	2,921
94	7 048	36,788	106,400	2,892	2,425	94	14 763	77,060	246,045	3,193	2,725
95	5 145	25,395	69,612	2,741	2,274	95	11 365	56,097	168,985	3,012	2,545
96	3 652	17,047	44,217	2,594	2,126	96	8 492	39,638	112,888	2,848	2,380
97	2 475	10,923	27,170	2,487	2,020	97	6 067	26,776	73,250	2,736	2,268
98	1 642	6,853	16,247	2,371	1,903	98	4 253	17,749	46,474	2,618	2,151
99	1 049	4,142	9,394	2,268	1,801	99	2 921	11,528	28,725	2,492	2,024
100	647	2,413	5,253	2,177	1,709	100	1 937	7,228	17,197	2,379	1,912

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 6 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 732 930,909	17,329	16,861	0	100 000	100 000,000	1 741 430,601	17,414	16,946
1	99 644	94 003,560	1 632 930,909	17,371	16,903	1	99 699	94 056,100	1 641 430,601	17,452	16,984
2	99 616	88 658,091	1 538 927,349	17,358	16,890	2	99 675	88 710,169	1 547 374,501	17,443	16,975
3	99 601	83 626,651	1 450 269,259	17,342	16,874	3	99 662	83 678,443	1 458 664,332	17,432	16,964
4	99 590	78 884,473	1 366 642,608	17,325	16,857	4	99 652	78 933,786	1 374 985,889	17,419	16,952
5	99 579	74 411,385	1 287 758,135	17,306	16,838	5	99 643	74 458,710	1 296 052,103	17,406	16,938
6	99 569	70 192,368	1 213 346,750	17,286	16,818	6	99 634	70 237,809	1 221 593,393	17,392	16,924
7	99 560	66 213,195	1 143 154,381	17,265	16,797	7	99 625	66 256,223	1 151 355,583	17,377	16,909
8	99 552	62 459,898	1 076 941,186	17,242	16,774	8	99 620	62 502,967	1 085 099,361	17,361	16,893
9	99 543	58 919,393	1 014 481,288	17,218	16,750	9	99 613	58 960,954	1 022 596,394	17,344	16,876
10	99 535	55 579,886	955 561,895	17,193	16,725	10	99 607	55 620,139	963 635,441	17,325	16,857
11	99 527	52 429,700	899 982,009	17,165	16,698	11	99 601	52 468,760	908 015,302	17,306	16,838
12	99 520	49 458,153	847 552,309	17,137	16,669	12	99 594	49 495,002	855 546,542	17,286	16,818
13	99 513	46 655,423	798 094,156	17,106	16,638	13	99 586	46 689,732	806 051,540	17,264	16,796
14	99 503	44 010,330	751 438,733	17,074	16,606	14	99 576	44 042,767	759 361,808	17,241	16,773
15	99 490	41 513,546	707 428,404	17,041	16,573	15	99 567	41 545,949	715 319,041	17,218	16,750
16	99 474	39 157,462	665 914,858	17,006	16,538	16	99 555	39 189,523	673 773,092	17,193	16,725
17	99 449	36 931,860	626 757,396	16,971	16,503	17	99 541	36 965,804	634 583,569	17,167	16,699
18	99 422	34 831,804	589 825,536	16,934	16,466	18	99 527	34 868,652	597 617,765	17,139	16,671
19	99 384	32 847,602	554 993,732	16,896	16,428	19	99 507	32 888,474	562 749,114	17,111	16,643
20	99 344	30 975,980	522 146,130	16,856	16,389	20	99 490	31 021,439	529 860,640	17,080	16,613
21	99 301	29 210,004	491 170,150	16,815	16,347	21	99 472	29 260,098	498 839,201	17,048	16,580
22	99 261	27 545,440	461 960,146	16,771	16,303	22	99 455	27 599,314	469 579,104	17,014	16,546
23	99 216	25 974,475	434 414,706	16,725	16,257	23	99 439	26 032,849	441 979,790	16,978	16,510
24	99 175	24 494,186	408 440,231	16,675	16,207	24	99 421	24 554,872	415 946,941	16,939	16,472
25	99 128	23 096,750	383 946,045	16,623	16,155	25	99 403	23 160,805	391 392,069	16,899	16,431
26	99 085	21 779,845	360 849,296	16,568	16,100	26	99 384	21 845,660	368 231,263	16,856	16,388
27	99 039	20 537,595	339 069,451	16,510	16,042	27	99 366	20 605,235	346 385,603	16,811	16,343
28	98 994	19 366,142	318 531,856	16,448	15,980	28	99 344	19 434,718	325 780,368	16,763	16,295
29	98 946	18 261,087	299 165,714	16,383	15,915	29	99 321	18 330,319	306 345,651	16,713	16,245
30	98 894	17 218,454	280 904,628	16,314	15,846	30	99 295	17 288,279	288 015,332	16,660	16,192
31	98 839	16 234,705	263 686,174	16,242	15,774	31	99 264	16 304,525	270 727,053	16,604	16,136
32	98 778	15 306,327	247 451,469	16,167	15,699	32	99 232	15 376,797	254 422,528	16,546	16,078
33	98 715	14 430,776	232 145,143	16,087	15,619	33	99 198	14 501,442	239 045,731	16,484	16,016
34	98 643	13 603,979	217 714,367	16,004	15,536	34	99 163	13 675,676	224 544,288	16,419	15,951
35	98 567	12 824,066	204 110,388	15,916	15,448	35	99 122	12 896,343	210 868,612	16,351	15,883
36	98 488	12 088,469	191 286,322	15,824	15,356	36	99 082	12 161,348	197 972,268	16,279	15,811
37	98 403	11 394,415	179 197,853	15,727	15,259	37	99 036	11 467,709	185 810,921	16,203	15,735
38	98 307	10 738,915	167 803,438	15,626	15,158	38	98 989	10 813,458	174 343,212	16,123	15,655
39	98 202	10 120,236	157 064,523	15,520	15,052	39	98 929	10 195,222	163 529,753	16,040	15,572
40	98 092	9 536,757	146 944,287	15,408	14,940	40	98 870	9 612,352	153 334,531	15,952	15,484
41	97 971	8 985,804	137 407,531	15,292	14,824	41	98 802	9 062,038	143 722,180	15,860	15,392
42	97 840	8 465,867	128 421,726	15,169	14,701	42	98 729	8 542,764	134 660,141	15,763	15,295
43	97 699	7 975,160	119 955,859	15,041	14,573	43	98 651	8 052,815	126 117,377	15,661	15,193
44	97 549	7 512,151	111 980,699	14,907	14,439	44	98 561	7 590,096	118 064,562	15,555	15,087
45	97 374	7 074,193	104 468,548	14,768	14,300	45	98 465	7 153,518	110 474,466	15,443	14,975
46	97 183	6 660,695	97 394,355	14,622	14,154	46	98 352	6 740,826	103 320,948	15,328	14,860
47	96 971	6 269,981	90 733,660	14,471	14,003	47	98 232	6 351,528	96 580,121	15,206	14,738
48	96 741	5 901,070	84 463,679	14,313	13,845	48	98 098	5 983,796	90 228,594	15,079	14,611
49	96 484	5 552,264	78 562,608	14,150	13,682	49	97 941	5 636,092	84 244,798	14,947	14,479

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 6 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	5 222,422	73 010,344	13,980	13,512	50	97 770	5 307,774	78 608,705	14,810	14,342
51	95 878	4 910,435	67 787,922	13,805	13,337	51	97 589	4 998,054	73 300,932	14,666	14,198
52	95 523	4 615,337	62 877,487	13,624	13,156	52	97 380	4 705,042	68 302,878	14,517	14,049
53	95 128	4 336,062	58 262,151	13,437	12,969	53	97 153	4 428,364	63 597,836	14,361	13,894
54	94 681	4 071,409	53 926,088	13,245	12,777	54	96 903	4 166,975	59 169,472	14,200	13,732
55	94 177	3 820,533	49 854,679	13,049	12,581	55	96 623	3 919,752	55 002,498	14,032	13,564
56	93 621	3 582,966	46 034,146	12,848	12,380	56	96 310	3 685,878	51 082,745	13,859	13,391
57	93 004	3 357,890	42 451,181	12,642	12,174	57	95 965	3 464,806	47 396,867	13,680	13,212
58	92 322	3 144,593	39 093,291	12,432	11,964	58	95 588	3 255,858	43 932,061	13,493	13,025
59	91 569	2 942,400	35 948,698	12,217	11,750	59	95 173	3 058,204	40 676,204	13,301	12,833
60	90 750	2 751,041	33 006,298	11,998	11,530	60	94 725	2 871,520	37 617,999	13,100	12,632
61	89 858	2 569,807	30 255,256	11,773	11,305	61	94 225	2 694,689	34 746,479	12,894	12,426
62	88 886	2 398,111	27 685,450	11,545	11,077	62	93 689	2 527,705	32 051,790	12,680	12,212
63	87 825	2 235,353	25 287,339	11,312	10,844	63	93 115	2 369,999	29 524,085	12,457	11,989
64	86 685	2 081,455	23 051,985	11,075	10,607	64	92 486	2 220,759	27 154,086	12,227	11,759
65	85 449	1 935,651	20 970,530	10,834	10,366	65	91 795	2 079,400	24 933,327	11,991	11,523
66	84 132	1 797,925	19 034,879	10,587	10,119	66	91 063	1 946,062	22 853,928	11,744	11,276
67	82 734	1 667,989	17 236,954	10,334	9,866	67	90 265	1 819,821	20 907,866	11,489	11,021
68	81 246	1 545,257	15 568,965	10,075	9,607	68	89 410	1 700,533	19 088,045	11,225	10,757
69	79 687	1 429,829	14 023,708	9,808	9,340	69	88 474	1 587,487	17 387,511	10,953	10,485
70	78 006	1 320,434	12 593,879	9,538	9,070	70	87 452	1 480,325	15 800,024	10,673	10,205
71	76 266	1 217,910	11 273,445	9,256	8,788	71	86 350	1 378,938	14 319,700	10,385	9,917
72	74 387	1 120,662	10 055,535	8,973	8,505	72	85 167	1 283,060	12 940,762	10,086	9,618
73	72 439	1 029,546	8 934,873	8,678	8,210	73	83 905	1 192,504	11 657,701	9,776	9,308
74	70 357	943,349	7 905,328	8,380	7,912	74	82 528	1 106,535	10 465,198	9,458	8,990
75	68 170	862,288	6 961,978	8,074	7,606	75	81 055	1 025,275	9 358,663	9,128	8,660
76	65 878	786,128	6 099,691	7,759	7,291	76	79 496	948,639	8 333,388	8,785	8,317
77	63 429	714,062	5 313,562	7,441	6,973	77	77 782	875,642	7 384,749	8,434	7,966
78	60 848	646,229	4 599,500	7,117	6,649	78	75 931	806,420	6 509,107	8,072	7,604
79	58 081	581,930	3 953,271	6,793	6,325	79	73 847	739,891	5 702,688	7,707	7,239
80	55 150	521,284	3 371,341	6,467	5,999	80	71 527	676,083	4 962,796	7,341	6,873
81	52 038	464,030	2 850,057	6,142	5,674	81	68 919	614,559	4 286,713	6,975	6,507
82	48 680	409,514	2 386,028	5,826	5,359	82	65 978	555,031	3 672,154	6,616	6,148
83	45 143	358,265	1 976,513	5,517	5,049	83	62 720	497,759	3 117,123	6,262	5,794
84	41 466	310,452	1 618,248	5,213	4,745	84	59 163	442,953	2 619,364	5,913	5,445
85	37 651	265,936	1 307,796	4,918	4,450	85	55 308	390,650	2 176,411	5,571	5,103
86	33 710	224,621	1 041,859	4,638	4,170	86	51 097	340,483	1 785,762	5,245	4,777
87	29 742	186,963	817,238	4,371	3,903	87	46 643	293,207	1 445,279	4,929	4,461
88	25 813	153,080	630,275	4,117	3,649	88	41 981	248,964	1 152,072	4,627	4,159
89	21 974	122,940	477,195	3,882	3,414	89	37 187	208,049	903,107	4,341	3,873
90	18 346	96,831	354,255	3,658	3,191	90	32 370	170,852	695,058	4,068	3,600
91	15 015	74,764	257,424	3,443	2,975	91	27 597	137,411	524,206	3,815	3,347
92	12 026	56,491	182,659	3,233	2,765	92	22 970	107,902	386,795	3,585	3,117
93	9 316	41,282	126,169	3,056	2,588	93	18 663	82,708	278,893	3,372	2,904
94	7 048	29,465	84,886	2,881	2,413	94	14 763	61,721	196,186	3,179	2,711
95	5 145	20,292	55,421	2,731	2,263	95	11 365	44,825	134,465	3,000	2,532
96	3 652	13,589	35,129	2,585	2,117	96	8 492	31,598	89,640	2,837	2,369
97	2 475	8,687	21,540	2,479	2,012	97	6 067	21,295	58,041	2,726	2,258
98	1 642	5,437	12,853	2,364	1,896	98	4 253	14,082	36,747	2,609	2,141
99	1 049	3,278	7,416	2,262	1,794	99	2 921	9,125	22,665	2,484	2,016
100	647	1,906	4,137	2,171	1,703	100	1 937	5,708	13,539	2,372	1,904

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 6,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 670 987,103	16,710	16,242	0	100 000	100 000,000	1 678 430,875	16,784	16,316
1	99 644	93 782,375	1 570 987,103	16,751	16,283	1	99 699	93 834,791	1 578 430,875	16,821	16,353
2	99 616	88 241,367	1 477 204,727	16,741	16,272	2	99 675	88 293,201	1 484 596,083	16,814	16,346
3	99 601	83 037,733	1 388 963,361	16,727	16,259	3	99 662	83 089,160	1 396 302,883	16,805	16,337
4	99 590	78 144,647	1 305 925,627	16,712	16,243	4	99 652	78 193,498	1 313 213,722	16,794	16,326
5	99 579	73 540,067	1 227 780,981	16,695	16,227	5	99 643	73 586,838	1 235 020,225	16,783	16,315
6	99 569	69 207,228	1 154 240,913	16,678	16,210	6	99 634	69 252,031	1 161 433,387	16,771	16,303
7	99 560	65 130,293	1 085 033,685	16,659	16,191	7	99 625	65 172,617	1 092 181,356	16,758	16,290
8	99 552	61 293,819	1 019 903,392	16,640	16,171	8	99 620	61 336,084	1 027 008,739	16,744	16,276
9	99 543	57 683,367	958 609,573	16,618	16,150	9	99 613	57 724,056	965 672,655	16,729	16,261
10	99 535	54 285,884	900 926,205	16,596	16,128	10	99 607	54 325,200	907 948,599	16,713	16,245
11	99 527	51 088,548	846 640,321	16,572	16,104	11	99 601	51 126,609	853 623,399	16,696	16,228
12	99 520	48 079,618	795 551,773	16,547	16,078	12	99 594	48 115,441	802 496,790	16,679	16,210
13	99 513	45 248,290	747 472,154	16,519	16,051	13	99 586	45 281,565	754 381,350	16,660	16,191
14	99 503	42 582,543	702 223,864	16,491	16,023	14	99 576	42 613,928	709 099,785	16,640	16,172
15	99 490	40 072,250	659 641,321	16,461	15,993	15	99 567	40 103,528	666 485,857	16,619	16,151
16	99 474	37 709,030	619 569,071	16,430	15,962	16	99 555	37 739,905	626 382,329	16,597	16,129
17	99 449	35 482,068	581 860,041	16,399	15,930	17	99 541	35 514,680	588 642,424	16,575	16,106
18	99 422	33 385,713	546 377,973	16,366	15,897	18	99 527	33 421,030	553 127,744	16,550	16,082
19	99 384	31 409,807	512 992,260	16,332	15,864	19	99 507	31 448,890	519 706,714	16,525	16,057
20	99 344	29 550,415	481 582,453	16,297	15,829	20	99 490	29 593,782	488 257,824	16,499	16,030
21	99 301	27 800,145	452 032,038	16,260	15,792	21	99 472	27 847,822	458 664,042	16,470	16,002
22	99 261	26 154,239	424 231,892	16,220	15,752	22	99 455	26 205,392	430 816,221	16,440	15,972
23	99 216	24 604,587	398 077,653	16,179	15,711	23	99 439	24 659,883	404 610,828	16,408	15,939
24	99 175	23 147,775	373 473,066	16,134	15,666	24	99 421	23 205,125	379 950,945	16,374	15,905
25	99 128	21 775,796	350 325,291	16,088	15,619	25	99 403	21 836,188	356 745,820	16,337	15,869
26	99 085	20 485,891	328 549,495	16,038	15,569	26	99 384	20 547,797	334 909,632	16,299	15,831
27	99 039	19 271,992	308 063,604	15,985	15,517	27	99 366	19 335,463	314 361,835	16,258	15,790
28	98 994	18 129,968	288 791,612	15,929	15,461	28	99 344	18 194,167	295 026,372	16,215	15,747
29	98 946	17 055,226	270 661,643	15,870	15,401	29	99 321	17 119,887	276 832,205	16,170	15,702
30	98 894	16 043,604	253 606,417	15,807	15,339	30	99 295	16 108,665	259 712,318	16,123	15,654
31	98 839	15 091,386	237 562,813	15,742	15,273	31	99 264	15 156,289	243 603,653	16,073	15,604
32	98 778	14 194,910	222 471,427	15,673	15,204	32	99 232	14 260,263	228 447,364	16,020	15,552
33	98 715	13 351,445	208 276,518	15,600	15,131	33	99 198	13 416,826	214 187,101	15,964	15,496
34	98 643	12 556,871	194 925,073	15,523	15,055	34	99 163	12 623,050	200 770,275	15,905	15,437
35	98 567	11 809,137	182 368,202	15,443	14,975	35	99 122	11 875,695	188 147,225	15,843	15,375
36	98 488	11 105,565	170 559,065	15,358	14,890	36	99 082	11 172,518	176 271,530	15,777	15,309
37	98 403	10 443,313	159 453,499	15,268	14,800	37	99 036	10 510,490	165 099,012	15,708	15,240
38	98 307	9 819,370	149 010,186	15,175	14,707	38	98 989	9 887,530	154 588,523	15,635	15,166
39	98 202	9 231,893	139 190,816	15,077	14,609	39	98 929	9 300,297	144 700,992	15,559	15,090
40	98 092	8 679,161	129 958,923	14,974	14,505	40	98 870	8 747,959	135 400,695	15,478	15,010
41	97 971	8 158,512	121 279,762	14,865	14,397	41	98 802	8 227,727	126 652,737	15,393	14,925
42	97 840	7 668,358	113 121,250	14,752	14,283	42	98 729	7 738,011	118 425,010	15,304	14,836
43	97 699	7 206,879	105 452,892	14,632	14,164	43	98 651	7 277,053	110 686,999	15,210	14,742
44	97 549	6 772,501	98 246,013	14,507	14,038	44	98 561	6 842,772	103 409,946	15,112	14,644
45	97 374	6 362,658	91 473,512	14,377	13,908	45	98 465	6 434,005	96 567,174	15,009	14,541
46	97 183	5 976,655	85 110,854	14,241	13,772	46	98 352	6 048,557	90 133,169	14,902	14,433
47	96 971	5 612,829	79 134,199	14,099	13,630	47	98 232	5 685,828	84 084,612	14,788	14,320
48	96 741	5 270,154	73 521,370	13,951	13,482	48	98 098	5 344,035	78 398,784	14,670	14,202
49	96 484	4 946,973	68 251,216	13,797	13,328	49	97 941	5 021,662	73 054,749	14,548	14,080

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 6,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	4 642,140	63 304,244	13,637	13,169	50	97 770	4 718,008	68 033,087	14,420	13,952
51	95 878	4 354,550	58 662,103	13,471	13,003	51	97 589	4 432,249	63 315,079	14,285	13,817
52	95 523	4 083,227	54 307,554	13,300	12,832	52	97 380	4 162,591	58 882,829	14,146	13,677
53	95 128	3 827,125	50 224,326	13,123	12,655	53	97 153	3 908,592	54 720,239	14,000	13,532
54	94 681	3 585,080	46 397,202	12,942	12,473	54	96 903	3 669,230	50 811,646	13,848	13,380
55	94 177	3 356,254	42 812,122	12,756	12,288	55	96 623	3 443,417	47 142,417	13,691	13,222
56	93 621	3 140,151	39 455,868	12,565	12,097	56	96 310	3 230,345	43 699,000	13,528	13,059
57	93 004	2 935,968	36 315,717	12,369	11,901	57	95 965	3 029,449	40 468,655	13,358	12,890
58	92 322	2 743,002	33 379,749	12,169	11,701	58	95 588	2 840,058	37 439,206	13,183	12,714
59	91 569	2 560,592	30 636,747	11,965	11,496	59	95 173	2 661,370	34 599,148	13,001	12,532
60	90 750	2 388,431	28 076,155	11,755	11,287	60	94 725	2 493,030	31 937,779	12,811	12,342
61	89 858	2 225,835	25 687,724	11,541	11,072	61	94 225	2 334,002	29 444,749	12,616	12,147
62	88 886	2 072,234	23 461,889	11,322	10,854	62	93 689	2 184,217	27 110,747	12,412	11,944
63	87 825	1 927,048	21 389,655	11,100	10,631	63	93 115	2 043,123	24 926,530	12,200	11,732
64	86 685	1 790,154	19 462,607	10,872	10,404	64	92 486	1 909,962	22 883,407	11,981	11,513
65	85 449	1 660,838	17 672,453	10,641	10,172	65	91 795	1 784,178	20 973,445	11,755	11,287
66	84 132	1 539,036	16 011,615	10,404	9,935	66	91 063	1 665,842	19 189,267	11,519	11,051
67	82 734	1 424,451	14 472,579	10,160	9,692	67	90 265	1 554,114	17 523,425	11,276	10,807
68	81 246	1 316,533	13 048,128	9,911	9,443	68	89 410	1 448,826	15 969,311	11,022	10,554
69	79 687	1 215,324	11 731,596	9,653	9,185	69	88 474	1 349,330	14 520,486	10,761	10,293
70	78 006	1 119,700	10 516,272	9,392	8,924	70	87 452	1 255,283	13 171,156	10,493	10,024
71	76 266	1 030,332	9 396,573	9,120	8,652	71	86 350	1 166,559	11 915,873	10,215	9,746
72	74 387	945,830	8 366,241	8,845	8,377	72	85 167	1 082,894	10 749,314	9,926	9,458
73	72 439	866,885	7 420,411	8,560	8,092	73	83 905	1 004,096	9 666,420	9,627	9,159
74	70 357	792,438	6 553,526	8,270	7,802	74	82 528	929,518	8 662,324	9,319	8,851
75	68 170	722,640	5 761,088	7,972	7,504	75	81 055	859,230	7 732,806	9,000	8,531
76	65 878	657,264	5 038,449	7,666	7,197	76	79 496	793,135	6 873,576	8,666	8,198
77	63 429	595,606	4 381,185	7,356	6,887	77	77 782	730,382	6 080,440	8,325	7,857
78	60 848	537,758	3 785,578	7,040	6,571	78	75 931	671,060	5 350,059	7,973	7,504
79	58 081	483,112	3 247,821	6,723	6,254	79	73 847	614,250	4 678,999	7,617	7,149
80	55 150	431,746	2 764,709	6,404	5,935	80	71 527	559,956	4 064,749	7,259	6,791
81	52 038	383,422	2 332,962	6,085	5,616	81	68 919	507,802	3 504,792	6,902	6,434
82	48 680	337,580	1 949,541	5,775	5,307	82	65 978	457,536	2 996,990	6,550	6,082
83	45 143	294,638	1 611,960	5,471	5,003	83	62 720	409,359	2 539,454	6,203	5,735
84	41 466	254,716	1 317,322	5,172	4,703	84	59 163	363,429	2 130,096	5,861	5,393
85	37 651	217,679	1 062,605	4,882	4,413	85	55 308	319,762	1 766,667	5,525	5,057
86	33 710	183,428	844,926	4,606	4,138	86	51 097	278,042	1 446,905	5,204	4,736
87	29 742	152,317	661,498	4,343	3,875	87	46 643	238,873	1 168,863	4,893	4,425
88	25 813	124,419	509,181	4,092	3,624	88	41 981	202,352	929,990	4,596	4,128
89	21 974	99,687	384,762	3,860	3,391	89	37 187	168,699	727,638	4,313	3,845
90	18 346	78,332	285,074	3,639	3,171	90	32 370	138,211	558,939	4,044	3,576
91	15 015	60,339	206,743	3,426	2,958	91	27 597	110,897	420,728	3,794	3,325
92	12 026	45,484	146,404	3,219	2,750	92	22 970	86,877	309,830	3,566	3,098
93	9 316	33,160	100,920	3,043	2,575	93	18 663	66,435	222,953	3,356	2,888
94	7 048	23,613	67,760	2,870	2,401	94	14 763	49,461	156,518	3,164	2,696
95	5 145	16,223	44,147	2,721	2,253	95	11 365	35,837	107,057	2,987	2,519
96	3 652	10,839	27,925	2,576	2,108	96	8 492	25,203	71,220	2,826	2,358
97	2 475	6,913	17,086	2,472	2,003	97	6 067	16,945	46,017	2,716	2,247
98	1 642	4,316	10,173	2,357	1,889	98	4 253	11,179	29,072	2,601	2,132
99	1 049	2,596	5,857	2,256	1,787	99	2 921	7,227	17,893	2,476	2,008
100	647	1,506	3,261	2,165	1,697	100	1 937	4,510	10,666	2,365	1,897

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 6,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 613 325,351	16,133	15,665	0	100 000	100 000,000	1 619 867,978	16,199	15,730
1	99 644	93 562,229	1 513 325,351	16,175	15,706	1	99 699	93 614,522	1 519 867,978	16,235	15,767
2	99 616	87 827,574	1 419 763,122	16,165	15,697	2	99 675	87 879,165	1 426 253,457	16,230	15,761
3	99 601	82 454,332	1 331 935,548	16,154	15,685	3	99 662	82 505,398	1 338 374,291	16,222	15,753
4	99 590	77 413,474	1 249 481,216	16,140	15,672	4	99 652	77 461,868	1 255 868,894	16,213	15,744
5	99 579	72 680,964	1 172 067,742	16,126	15,657	5	99 643	72 727,188	1 178 407,026	16,203	15,734
6	99 569	68 238,181	1 099 386,778	16,111	15,642	6	99 634	68 282,357	1 105 679,838	16,193	15,724
7	99 560	64 067,584	1 031 148,597	16,095	15,626	7	99 625	64 109,217	1 037 397,481	16,182	15,713
8	99 552	60 152,175	967 081,013	16,077	15,608	8	99 620	60 193,652	973 288,264	16,169	15,701
9	99 543	56 476,085	906 928,838	16,059	15,590	9	99 613	56 515,922	913 094,612	16,156	15,688
10	99 535	53 024,945	850 452,753	16,039	15,570	10	99 607	53 063,347	856 578,690	16,143	15,674
11	99 527	49 784,736	797 427,809	16,018	15,549	11	99 601	49 821,825	803 515,343	16,128	15,659
12	99 520	46 742,613	747 643,073	15,995	15,526	12	99 594	46 777,439	753 693,518	16,112	15,644
13	99 513	43 886,756	700 900,461	15,971	15,502	13	99 586	43 919,029	706 916,079	16,096	15,627
14	99 503	41 204,270	657 013,705	15,945	15,477	14	99 576	41 234,639	662 997,051	16,079	15,610
15	99 490	38 684,207	615 809,435	15,919	15,450	15	99 567	38 714,401	621 762,411	16,060	15,591
16	99 474	36 317,392	577 125,228	15,891	15,422	16	99 555	36 347,128	583 048,010	16,041	15,572
17	99 449	34 092,398	540 807,836	15,863	15,394	17	99 541	34 123,733	546 700,883	16,021	15,552
18	99 422	32 002,847	506 715,438	15,833	15,365	18	99 527	32 036,701	512 577,150	16,000	15,531
19	99 384	30 038,107	474 712,591	15,804	15,335	19	99 507	30 075,483	480 540,449	15,978	15,509
20	99 344	28 193,579	444 674,484	15,772	15,303	20	99 490	28 234,954	450 464,966	15,954	15,485
21	99 301	26 461,412	416 480,905	15,739	15,270	21	99 472	26 506,792	422 230,012	15,929	15,460
22	99 261	24 836,327	390 019,493	15,704	15,235	22	99 455	24 884,903	395 723,219	15,902	15,433
23	99 216	23 309,915	365 183,166	15,666	15,198	23	99 439	23 362,302	370 838,317	15,873	15,405
24	99 175	21 878,281	341 873,251	15,626	15,157	24	99 421	21 932,486	347 476,015	15,843	15,374
25	99 128	20 533,232	319 994,970	15,584	15,116	25	99 403	20 590,178	325 543,529	15,811	15,342
26	99 085	19 271,587	299 461,738	15,539	15,070	26	99 384	19 329,823	304 953,351	15,776	15,308
27	99 039	18 087,083	280 190,151	15,491	15,022	27	99 366	18 146,652	285 623,529	15,740	15,271
28	98 994	16 975,333	262 103,068	15,440	14,971	28	99 344	17 035,444	267 476,877	15,701	15,232
29	98 946	15 931,552	245 127,735	15,386	14,918	29	99 321	15 991,952	250 441,433	15,660	15,192
30	98 894	14 951,400	229 196,183	15,329	14,861	30	99 295	15 012,032	234 449,480	15,617	15,149
31	98 839	14 030,992	214 244,783	15,269	14,801	31	99 264	14 091,335	219 437,448	15,573	15,104
32	98 778	13 166,527	200 213,791	15,206	14,738	32	99 232	13 227,146	205 346,114	15,525	15,056
33	98 715	12 355,098	187 047,264	15,139	14,671	33	99 198	12 415,600	192 118,968	15,474	15,005
34	98 643	11 592,542	174 692,166	15,069	14,601	34	99 163	11 653,639	179 703,369	15,420	14,952
35	98 567	10 876,640	163 099,624	14,995	14,527	35	99 122	10 937,942	168 049,729	15,364	14,895
36	98 488	10 204,614	152 222,984	14,917	14,448	36	99 082	10 266,135	157 111,788	15,304	14,835
37	98 403	9 573,562	142 018,370	14,834	14,366	37	99 036	9 635,144	146 845,653	15,241	14,772
38	98 307	8 980,452	132 444,808	14,748	14,279	38	98 989	9 042,789	137 210,509	15,173	14,705
39	98 202	8 423,346	123 464,356	14,657	14,189	39	98 929	8 485,760	128 167,720	15,104	14,635
40	98 092	7 900,435	115 041,009	14,561	14,093	40	98 870	7 963,059	119 681,961	15,030	14,561
41	97 971	7 409,067	107 140,575	14,461	13,992	41	98 802	7 471,924	111 718,901	14,952	14,483
42	97 840	6 947,591	99 731,508	14,355	13,886	42	98 729	7 010,698	104 246,977	14,870	14,401
43	97 699	6 514,161	92 783,917	14,243	13,775	43	98 651	6 577,590	97 236,279	14,783	14,314
44	97 549	6 107,165	86 269,756	14,126	13,657	44	98 561	6 170,532	90 658,690	14,692	14,223
45	97 374	5 724,117	80 162,591	14,004	13,536	45	98 465	5 788,303	84 488,158	14,596	14,128
46	97 183	5 364,230	74 438,474	13,877	13,408	46	98 352	5 428,764	78 699,854	14,497	14,028
47	96 971	5 025,860	69 074,244	13,744	13,275	47	98 232	5 091,225	73 271,090	14,392	13,923
48	96 741	4 707,943	64 048,384	13,604	13,136	48	98 098	4 773,942	68 179,865	14,282	13,813
49	96 484	4 408,864	59 340,442	13,459	12,991	49	97 941	4 475,429	63 405,923	14,168	13,699

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 6,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	4 127,478	54 931,577	13,309	12,840	50	97 770	4 194,935	58 930,493	14,048	13,579
51	95 878	3 862,683	50 804,099	13,153	12,684	51	97 589	3 931,607	54 735,558	13,922	13,453
52	95 523	3 613,506	46 941,415	12,991	12,522	52	97 380	3 683,739	50 803,951	13,791	13,323
53	95 128	3 378,914	43 327,910	12,823	12,354	53	97 153	3 450,841	47 120,212	13,655	13,186
54	94 681	3 157,786	39 948,996	12,651	12,182	54	96 903	3 231,906	43 669,371	13,512	13,043
55	94 177	2 949,294	36 791,210	12,475	12,006	55	96 623	3 025,888	40 437,465	13,364	12,895
56	93 621	2 752,917	33 841,916	12,293	11,824	56	96 310	2 831,988	37 411,577	13,210	12,742
57	93 004	2 567,871	31 088,999	12,107	11,638	57	95 965	2 649,632	34 579,589	13,051	12,582
58	92 322	2 393,467	28 521,129	11,916	11,448	58	95 588	2 478,154	31 929,957	12,885	12,416
59	91 569	2 229,056	26 127,662	11,721	11,253	59	95 173	2 316,785	29 451,803	12,712	12,244
60	90 750	2 074,305	23 898,606	11,521	11,053	60	94 725	2 165,147	27 135,018	12,533	12,064
61	89 858	1 928,556	21 824,301	11,316	10,848	61	94 225	2 022,276	24 969,871	12,347	11,879
62	88 886	1 791,254	19 895,746	11,107	10,638	62	93 689	1 888,054	22 947,596	12,154	11,685
63	87 825	1 661,845	18 104,491	10,894	10,425	63	93 115	1 761,945	21 059,542	11,952	11,484
64	86 685	1 540,166	16 442,647	10,676	10,207	64	92 486	1 643,243	19 297,597	11,744	11,275
65	85 449	1 425,554	14 902,480	10,454	9,985	65	91 795	1 531,421	17 654,354	11,528	11,059
66	84 132	1 317,906	13 476,926	10,226	9,757	66	91 063	1 426,493	16 122,933	11,302	10,834
67	82 734	1 216,921	12 159,020	9,992	9,523	67	90 265	1 327,694	14 696,439	11,069	10,600
68	81 246	1 122,086	10 942,098	9,752	9,283	68	89 410	1 234,840	13 368,745	10,826	10,358
69	79 687	1 033,394	9 820,012	9,503	9,034	69	88 474	1 147,339	12 133,906	10,576	10,107
70	78 006	949,849	8 786,619	9,251	8,782	70	87 452	1 064,866	10 986,566	10,317	9,849
71	76 266	871,986	7 836,770	8,987	8,519	71	86 350	987,277	9 921,700	10,050	9,581
72	74 387	798,592	6 964,784	8,721	8,253	72	85 167	914,319	8 934,423	9,772	9,303
73	72 439	730,218	6 166,191	8,444	7,976	73	83 905	845,798	8 020,104	9,482	9,014
74	70 357	665,941	5 435,973	8,163	7,694	74	82 528	781,139	7 174,307	9,184	8,716
75	68 170	605,859	4 770,033	7,873	7,404	75	81 055	720,376	6 393,168	8,875	8,406
76	65 878	549,755	4 164,174	7,575	7,106	76	79 496	663,401	5 672,791	8,551	8,082
77	63 429	497,013	3 614,419	7,272	6,804	77	77 782	609,479	5 009,390	8,219	7,750
78	60 848	447,687	3 117,406	6,963	6,495	78	75 931	558,662	4 399,911	7,876	7,407
79	58 081	401,250	2 669,719	6,654	6,185	79	73 847	510,167	3 841,249	7,529	7,061
80	55 150	357,746	2 268,469	6,341	5,872	80	71 527	463,982	3 331,082	7,179	6,711
81	52 038	316,959	1 910,723	6,028	5,560	81	68 919	419,779	2 867,101	6,830	6,361
82	48 680	278,408	1 593,764	5,725	5,256	82	65 978	377,338	2 447,322	6,486	6,017
83	45 143	242,423	1 315,356	5,426	4,957	83	62 720	336,813	2 069,984	6,146	5,677
84	41 466	209,084	1 072,932	5,132	4,663	84	59 163	298,321	1 733,172	5,810	5,341
85	37 651	178,262	863,849	4,846	4,377	85	55 308	261,860	1 434,851	5,479	5,011
86	33 710	149,861	685,586	4,575	4,106	86	51 097	227,161	1 172,991	5,164	4,695
87	29 742	124,151	535,725	4,315	3,846	87	46 643	194,701	945,830	4,858	4,389
88	25 813	101,174	411,574	4,068	3,599	88	41 981	164,546	751,129	4,565	4,096
89	21 974	80,872	310,400	3,838	3,369	89	37 187	136,859	586,583	4,286	3,817
90	18 346	63,398	229,528	3,620	3,152	90	32 370	111,862	449,724	4,020	3,552
91	15 015	48,721	166,129	3,410	2,941	91	27 597	89,545	337,861	3,773	3,304
92	12 026	36,640	117,409	3,204	2,736	92	22 970	69,985	248,317	3,548	3,079
93	9 316	26,650	80,769	3,031	2,562	93	18 663	53,392	178,332	3,340	2,871
94	7 048	18,932	54,119	2,859	2,390	94	14 763	39,657	124,940	3,151	2,682
95	5 145	12,977	35,187	2,712	2,243	95	11 365	28,666	85,283	2,975	2,506
96	3 652	8,650	22,210	2,568	2,099	96	8 492	20,113	56,617	2,815	2,346
97	2 475	5,503	13,560	2,464	1,995	97	6 067	13,490	36,504	2,706	2,237
98	1 642	3,428	8,057	2,350	1,881	98	4 253	8,879	23,014	2,592	2,123
99	1 049	2,057	4,629	2,250	1,781	99	2 921	5,727	14,134	2,468	1,999
100	647	1,190	2,571	2,160	1,691	100	1 937	3,565	8,407	2,358	1,889

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 6,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 559 544,200	15,595	15,126	0	100 000	100 000,000	1 565 315,984	15,653	15,184
1	99 644	93 343,113	1 459 544,200	15,636	15,167	1	99 699	93 395,284	1 465 315,984	15,689	15,220
2	99 616	87 416,686	1 366 201,087	15,629	15,159	2	99 675	87 468,035	1 371 920,700	15,685	15,216
3	99 601	81 876,383	1 278 784,401	15,618	15,149	3	99 662	81 927,091	1 284 452,665	15,678	15,209
4	99 590	76 690,832	1 196 908,018	15,607	15,138	4	99 652	76 738,775	1 202 525,574	15,670	15,201
5	99 579	71 833,876	1 120 217,185	15,595	15,125	5	99 643	71 879,561	1 125 786,800	15,662	15,193
6	99 569	67 284,927	1 048 383,309	15,581	15,112	6	99 634	67 328,486	1 053 907,238	15,653	15,184
7	99 560	63 024,647	981 098,383	15,567	15,098	7	99 625	63 065,602	986 578,753	15,644	15,175
8	99 552	59 034,396	918 073,736	15,552	15,082	8	99 620	59 075,102	923 513,151	15,633	15,164
9	99 543	55 296,813	859 039,340	15,535	15,066	9	99 613	55 335,818	864 438,049	15,622	15,153
10	99 535	51 796,148	803 742,527	15,517	15,048	10	99 607	51 833,661	809 102,231	15,610	15,140
11	99 527	48 517,137	751 946,379	15,499	15,029	11	99 601	48 553,282	757 268,570	15,597	15,128
12	99 520	45 445,792	703 429,242	15,478	15,009	12	99 594	45 479,651	708 715,287	15,583	15,114
13	99 513	42 569,239	657 983,450	15,457	14,988	13	99 586	42 600,543	663 235,636	15,569	15,100
14	99 503	39 873,684	615 414,211	15,434	14,965	14	99 576	39 903,073	620 635,092	15,554	15,084
15	99 490	37 347,330	575 540,527	15,410	14,941	15	99 567	37 376,481	580 732,020	15,537	15,068
16	99 474	34 980,196	538 193,197	15,386	14,917	16	99 555	35 008,837	543 355,539	15,521	15,051
17	99 449	32 760,224	503 213,001	15,360	14,891	17	99 541	32 790,334	508 346,702	15,503	15,034
18	99 422	30 680,303	470 452,777	15,334	14,865	18	99 527	30 712,758	475 556,368	15,484	15,015
19	99 384	28 729,318	439 772,474	15,307	14,838	19	99 507	28 765,065	444 843,610	15,465	14,996
20	99 344	26 902,008	411 043,156	15,279	14,810	20	99 490	26 941,487	416 078,544	15,444	14,975
21	99 301	25 190,061	384 141,149	15,250	14,781	21	99 472	25 233,261	389 137,057	15,422	14,952
22	99 261	23 587,684	358 951,087	15,218	14,749	22	99 455	23 633,818	363 903,796	15,398	14,928
23	99 216	22 086,167	335 363,403	15,184	14,715	23	99 439	22 135,803	340 269,979	15,372	14,903
24	99 175	20 681,145	313 277,236	15,148	14,679	24	99 421	20 732,384	318 134,175	15,345	14,876
25	99 128	19 364,238	292 596,092	15,110	14,641	25	99 403	19 417,942	297 401,792	15,316	14,847
26	99 085	18 131,858	273 231,854	15,069	14,600	26	99 384	18 186,649	277 983,850	15,285	14,816
27	99 039	16 977,553	255 099,996	15,026	14,557	27	99 366	17 033,468	259 797,201	15,252	14,783
28	98 994	15 896,686	238 122,443	14,979	14,510	28	99 344	15 952,976	242 763,733	15,217	14,748
29	98 946	14 884,289	222 225,758	14,930	14,461	29	99 321	14 940,719	226 810,757	15,181	14,712
30	98 894	13 935,854	207 341,469	14,878	14,409	30	99 295	13 992,368	211 870,038	15,142	14,673
31	98 839	13 047,335	193 405,615	14,823	14,354	31	99 264	13 103,448	197 877,670	15,101	14,632
32	98 778	12 214,801	180 358,280	14,766	14,296	32	99 232	12 271,038	184 774,223	15,058	14,589
33	98 715	11 435,182	168 143,479	14,704	14,235	33	99 198	11 491,179	172 503,185	15,012	14,543
34	98 643	10 704,276	156 708,297	14,640	14,171	34	99 163	10 760,692	161 012,006	14,963	14,494
35	98 567	10 019,709	146 004,021	14,572	14,103	35	99 122	10 076,181	150 251,314	14,912	14,442
36	98 488	9 378,614	135 984,312	14,499	14,030	36	99 082	9 435,155	140 175,134	14,857	14,388
37	98 403	8 778,036	126 605,698	14,423	13,954	37	99 036	8 834,500	130 739,979	14,799	14,330
38	98 307	8 214,927	117 827,663	14,343	13,874	38	98 989	8 271,950	121 905,478	14,737	14,268
39	98 202	7 687,266	109 612,735	14,259	13,790	39	98 929	7 744,225	113 633,528	14,673	14,204
40	98 092	7 193,164	101 925,469	14,170	13,701	40	98 870	7 250,182	105 889,303	14,605	14,136
41	97 971	6 729,987	94 732,306	14,076	13,607	41	98 802	6 787,083	98 639,121	14,533	14,064
42	97 840	6 296,028	88 002,319	13,977	13,508	42	98 729	6 353,216	91 852,038	14,458	13,988
43	97 699	5 889,421	81 706,291	13,873	13,404	43	98 651	5 946,767	85 498,822	14,377	13,908
44	97 549	5 508,527	75 816,870	13,764	13,294	44	98 561	5 565,683	79 552,055	14,293	13,824
45	97 374	5 150,935	70 308,342	13,650	13,180	45	98 465	5 208,694	73 986,372	14,204	13,735
46	97 183	4 815,781	65 157,407	13,530	13,061	46	98 352	4 873,717	68 777,678	14,112	13,643
47	96 971	4 501,439	60 341,626	13,405	12,936	47	98 232	4 559,984	63 903,961	14,014	13,545
48	96 741	4 206,820	55 840,187	13,274	12,805	48	98 098	4 265,794	59 343,977	13,912	13,442
49	96 484	3 930,350	51 633,367	13,137	12,668	49	97 941	3 989,690	55 078,182	13,805	13,336

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 6,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	3 670,887	47 703,017	12,995	12,526	50	97 770	3 730,882	51 088,492	13,693	13,224
51	95 878	3 427,339	44 032,130	12,847	12,378	51	97 589	3 488,494	47 357,611	13,575	13,106
52	95 523	3 198,736	40 604,792	12,694	12,225	52	97 380	3 260,908	43 869,116	13,453	12,984
53	95 128	2 984,067	37 406,055	12,535	12,066	53	97 153	3 047,588	40 608,208	13,325	12,856
54	94 681	2 782,248	34 421,989	12,372	11,903	54	96 903	2 847,553	37 560,620	13,190	12,721
55	94 177	2 592,465	31 639,741	12,205	11,735	55	96 623	2 659,792	34 713,067	13,051	12,582
56	93 621	2 414,180	29 047,276	12,032	11,563	56	96 310	2 483,522	32 053,275	12,906	12,437
57	93 004	2 246,629	26 633,097	11,855	11,386	57	95 965	2 318,162	29 569,754	12,756	12,287
58	92 322	2 089,139	24 386,467	11,673	11,204	58	95 588	2 163,059	27 251,591	12,599	12,130
59	91 569	1 941,077	22 297,328	11,487	11,018	59	95 173	2 017,472	25 088,532	12,436	11,967
60	90 750	1 802,088	20 356,252	11,296	10,827	60	94 725	1 881,009	23 071,061	12,265	11,796
61	89 858	1 671,542	18 554,163	11,100	10,631	61	94 225	1 752,772	21 190,052	12,089	11,620
62	88 886	1 548,903	16 882,621	10,900	10,431	62	93 689	1 632,605	19 437,280	11,906	11,437
63	87 825	1 433,636	15 333,719	10,696	10,227	63	93 115	1 519,991	17 804,674	11,714	11,245
64	86 685	1 325,556	13 900,082	10,486	10,017	64	92 486	1 414,269	16 284,683	11,515	11,045
65	85 449	1 224,040	12 574,527	10,273	9,804	65	91 795	1 314,942	14 870,414	11,309	10,840
66	84 132	1 128,960	11 350,486	10,054	9,585	66	91 063	1 221,978	13 555,472	11,093	10,624
67	82 734	1 040,011	10 221,527	9,828	9,359	67	90 265	1 134,680	12 333,493	10,870	10,400
68	81 246	956,717	9 181,515	9,597	9,128	68	89 410	1 052,853	11 198,813	10,637	10,168
69	79 687	879,032	8 224,799	9,357	8,888	69	88 474	975,957	10 145,960	10,396	9,927
70	78 006	806,075	7 345,767	9,113	8,644	70	87 452	903,682	9 170,002	10,147	9,678
71	76 266	738,264	6 539,692	8,858	8,389	71	86 350	835,875	8 266,320	9,889	9,420
72	74 387	674,542	5 801,427	8,601	8,131	72	85 167	772,292	7 430,445	9,621	9,152
73	72 439	615,344	5 126,885	8,332	7,863	73	83 905	712,742	6 658,153	9,342	8,872
74	70 357	559,865	4 511,540	8,058	7,589	74	82 528	656,713	5 945,411	9,053	8,584
75	68 170	508,160	3 951,676	7,776	7,307	75	81 055	604,211	5 288,697	8,753	8,284
76	65 878	460,024	3 443,515	7,486	7,016	76	79 496	555,121	4 684,486	8,439	7,970
77	63 429	414,916	2 983,492	7,191	6,721	77	77 782	508,805	4 129,365	8,116	7,647
78	60 848	372,863	2 568,575	6,889	6,420	78	75 931	465,290	3 620,560	7,781	7,312
79	58 081	333,404	2 195,712	6,586	6,117	79	73 847	423,905	3 155,271	7,443	6,974
80	55 150	296,560	1 862,308	6,280	5,811	80	71 527	384,626	2 731,366	7,101	6,632
81	52 038	262,133	1 565,748	5,973	5,504	81	68 919	347,168	2 346,740	6,760	6,291
82	48 680	229,712	1 303,615	5,675	5,206	82	65 978	311,338	1 999,571	6,423	5,953
83	45 143	199,552	1 073,902	5,382	4,912	83	62 720	277,250	1 688,234	6,089	5,620
84	41 466	171,706	874,350	5,092	4,623	84	59 163	244,990	1 410,984	5,759	5,290
85	37 651	146,052	702,644	4,811	4,342	85	55 308	214,544	1 165,994	5,435	4,966
86	33 710	122,494	556,593	4,544	4,075	86	51 097	185,678	951,450	5,124	4,655
87	29 742	101,242	434,098	4,288	3,819	87	46 643	158,774	765,771	4,823	4,354
88	25 813	82,312	332,856	4,044	3,575	88	41 981	133,869	606,998	4,534	4,065
89	21 974	65,641	250,545	3,817	3,348	89	37 187	111,083	473,129	4,259	3,790
90	18 346	51,337	184,904	3,602	3,133	90	32 370	90,581	362,046	3,997	3,528
91	15 015	39,360	133,566	3,393	2,924	91	27 597	72,340	271,465	3,753	3,284
92	12 026	29,531	94,207	3,190	2,721	92	22 970	56,406	199,125	3,530	3,061
93	9 316	21,429	64,676	3,018	2,549	93	18 663	42,932	142,719	3,324	2,855
94	7 048	15,187	43,247	2,848	2,378	94	14 763	31,813	99,788	3,137	2,668
95	5 145	10,386	28,060	2,702	2,233	95	11 365	22,942	67,975	2,963	2,494
96	3 652	6,906	17,674	2,559	2,090	96	8 492	16,059	45,033	2,804	2,335
97	2 475	4,384	10,768	2,456	1,987	97	6 067	10,746	28,974	2,696	2,227
98	1 642	2,724	6,384	2,343	1,874	98	4 253	7,057	18,228	2,583	2,114
99	1 049	1,631	3,660	2,244	1,774	99	2 921	4,541	11,171	2,460	1,991
100	647	0,942	2,029	2,154	1,685	100	1 937	2,820	6,631	2,351	1,882

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 7 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 509 287,537	15,093	14,623	0	100 000	100 000,000	1 514 398,371	15,144	14,674
1	99 644	93 125,022	1 409 287,537	15,133	14,664	1	99 699	93 177,071	1 414 398,371	15,180	14,710
2	99 616	87 008,674	1 316 162,515	15,127	14,657	2	99 675	87 059,784	1 321 221,301	15,176	14,707
3	99 601	81 303,823	1 229 153,841	15,118	14,649	3	99 662	81 354,176	1 234 161,517	15,170	14,701
4	99 590	75 976,604	1 147 850,018	15,108	14,638	4	99 652	76 024,099	1 152 807,341	15,164	14,694
5	99 579	70 998,607	1 071 873,414	15,097	14,628	5	99 643	71 043,762	1 076 783,241	15,157	14,687
6	99 569	66 347,173	1 000 874,807	15,085	14,616	6	99 634	66 390,124	1 005 739,480	15,149	14,679
7	99 560	62 001,067	934 527,634	15,073	14,603	7	99 625	62 041,357	939 349,356	15,141	14,671
8	99 552	57 939,931	872 526,568	15,059	14,590	8	99 620	57 979,883	877 307,999	15,131	14,662
9	99 543	54 144,837	814 586,637	15,045	14,575	9	99 613	54 183,030	819 328,117	15,121	14,652
10	99 535	50 598,603	760 441,800	15,029	14,559	10	99 607	50 635,248	765 145,086	15,111	14,641
11	99 527	47 284,667	709 843,197	15,012	14,543	11	99 601	47 319,894	714 509,838	15,100	14,630
12	99 520	44 187,857	662 558,530	14,994	14,525	12	99 594	44 220,780	667 189,944	15,088	14,618
13	99 513	41 294,220	618 370,672	14,975	14,505	13	99 586	41 324,587	622 969,164	15,075	14,606
14	99 503	38 589,029	577 076,452	14,954	14,485	14	99 576	38 617,470	581 644,578	15,062	14,592
15	99 490	36 059,620	538 487,424	14,933	14,464	15	99 567	36 087,766	543 027,107	15,047	14,578
16	99 474	33 695,192	502 427,804	14,911	14,441	16	99 555	33 722,781	506 939,341	15,033	14,563
17	99 449	31 483,040	468 732,612	14,888	14,419	17	99 541	31 511,977	473 216,561	15,017	14,548
18	99 422	29 415,318	437 249,571	14,865	14,395	18	99 527	29 446,435	441 704,584	15,000	14,531
19	99 384	27 480,418	407 834,253	14,841	14,371	19	99 507	27 514,611	412 258,149	14,983	14,514
20	99 344	25 672,420	380 353,835	14,816	14,346	20	99 490	25 710,095	384 743,537	14,965	14,495
21	99 301	23 982,555	354 681,415	14,789	14,320	21	99 472	24 023,684	359 033,442	14,945	14,475
22	99 261	22 404,520	330 698,860	14,760	14,291	22	99 455	22 448,339	335 009,758	14,924	14,454
23	99 216	20 929,304	308 294,341	14,730	14,261	23	99 439	20 976,340	312 561,419	14,901	14,431
24	99 175	19 552,087	287 365,036	14,697	14,228	24	99 421	19 600,528	291 585,079	14,876	14,407
25	99 128	18 264,301	267 812,950	14,663	14,194	25	99 403	18 314,955	271 984,550	14,850	14,381
26	99 085	17 061,965	249 548,649	14,626	14,157	26	99 384	17 113,524	253 669,596	14,823	14,353
27	99 039	15 938,445	232 486,683	14,587	14,117	27	99 366	15 990,938	236 556,072	14,793	14,324
28	98 994	14 888,864	216 548,238	14,544	14,075	28	99 344	14 941,586	220 565,134	14,762	14,292
29	98 946	13 908,079	201 659,375	14,499	14,030	29	99 321	13 960,808	205 623,548	14,729	14,259
30	98 894	12 991,424	187 751,295	14,452	13,982	30	99 295	13 044,108	191 662,740	14,693	14,224
31	98 839	12 134,702	174 759,871	14,402	13,932	31	99 264	12 186,889	178 618,632	14,657	14,187
32	98 778	11 333,858	162 625,169	14,349	13,879	32	99 232	11 386,040	166 431,743	14,617	14,148
33	98 715	10 585,675	151 291,311	14,292	13,823	33	99 198	10 637,513	155 045,703	14,575	14,106
34	98 643	9 885,916	140 705,635	14,233	13,763	34	99 163	9 938,018	144 408,191	14,531	14,061
35	98 567	9 232,064	130 819,719	14,170	13,701	35	99 122	9 284,097	134 470,172	14,484	14,014
36	98 488	8 621,175	121 587,655	14,103	13,634	36	99 082	8 673,150	125 186,076	14,434	13,964
37	98 403	8 050,248	112 966,480	14,033	13,563	37	99 036	8 102,031	116 512,926	14,381	13,911
38	98 307	7 516,225	104 916,232	13,959	13,489	38	98 989	7 568,398	108 410,894	14,324	13,855
39	98 202	7 017,009	97 400,007	13,881	13,411	39	98 929	7 069,002	100 842,497	14,265	13,796
40	98 092	6 550,647	90 382,998	13,798	13,328	40	98 870	6 602,572	93 773,495	14,203	13,733
41	97 971	6 114,522	83 832,351	13,710	13,241	41	98 802	6 166,397	87 170,923	14,136	13,667
42	97 840	5 706,885	77 717,829	13,618	13,149	42	98 729	5 758,722	81 004,526	14,066	13,597
43	97 699	5 325,853	72 010,944	13,521	13,052	43	98 651	5 377,711	75 245,804	13,992	13,523
44	97 549	4 969,769	66 685,091	13,418	12,949	44	98 561	5 021,334	69 868,093	13,914	13,445
45	97 374	4 636,293	61 715,322	13,311	12,842	45	98 465	4 688,281	64 846,758	13,832	13,362
46	97 183	4 324,497	57 079,029	13,199	12,729	46	98 352	4 376,522	60 158,477	13,746	13,276
47	96 971	4 032,778	52 754,533	13,081	12,612	47	98 232	4 085,228	55 781,955	13,655	13,185
48	96 741	3 760,027	48 721,754	12,958	12,488	48	98 098	3 812,738	51 696,727	13,559	13,089
49	96 484	3 504,713	44 961,727	12,829	12,359	49	97 941	3 557,627	47 883,988	13,460	12,990

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 7 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	3 265,700	41 457,014	12,695	12,225	50	97 770	3 319,073	44 326,362	13,355	12,886
51	95 878	3 041,911	38 191,314	12,555	12,086	51	97 589	3 096,189	41 007,289	13,244	12,775
52	95 523	2 832,383	35 149,403	12,410	11,940	52	97 380	2 887,434	37 911,100	13,130	12,660
53	95 128	2 636,126	32 317,021	12,259	11,790	53	97 153	2 692,241	35 023,666	13,009	12,540
54	94 681	2 452,096	29 680,895	12,104	11,635	54	96 903	2 509,652	32 331,425	12,883	12,413
55	94 177	2 279,495	27 228,799	11,945	11,476	55	96 623	2 338,694	29 821,773	12,751	12,282
56	93 621	2 117,774	24 949,303	11,781	11,311	56	96 310	2 178,602	27 483,079	12,615	12,145
57	93 004	1 966,190	22 831,530	11,612	11,143	57	95 965	2 028,794	25 304,477	12,473	12,003
58	92 322	1 824,087	20 865,340	11,439	10,969	58	95 588	1 888,628	23 275,683	12,324	11,855
59	91 569	1 690,849	19 041,253	11,261	10,792	59	95 173	1 757,396	21 387,055	12,170	11,700
60	90 750	1 566,110	17 350,403	11,079	10,609	60	94 725	1 634,697	19 629,659	12,008	11,539
61	89 858	1 449,265	15 784,293	10,891	10,422	61	94 225	1 519,693	17 994,962	11,841	11,372
62	88 886	1 339,796	14 335,028	10,699	10,230	62	93 689	1 412,199	16 475,269	11,666	11,197
63	87 825	1 237,194	12 995,232	10,504	10,034	63	93 115	1 311,716	15 063,070	11,483	11,014
64	86 685	1 141,250	11 758,038	10,303	9,833	64	92 486	1 217,629	13 751,355	11,294	10,824
65	85 449	1 051,387	10 616,788	10,098	9,628	65	91 795	1 129,467	12 533,726	11,097	10,628
66	84 132	967,452	9 565,401	9,887	9,418	66	91 063	1 047,163	11 404,258	10,891	10,421
67	82 734	889,146	8 597,949	9,670	9,200	67	90 265	970,082	10 357,095	10,677	10,207
68	81 246	816,023	7 708,803	9,447	8,977	68	89 410	898,022	9 387,013	10,453	9,983
69	79 687	748,011	6 892,780	9,215	8,745	69	88 474	830,490	8 488,990	10,222	9,752
70	78 006	684,326	6 144,769	8,979	8,510	70	87 452	767,190	7 658,501	9,983	9,513
71	76 266	625,293	5 460,443	8,733	8,263	71	86 350	707,967	6 891,311	9,734	9,264
72	74 387	569,987	4 835,150	8,483	8,013	72	85 167	652,586	6 183,344	9,475	9,006
73	72 439	518,750	4 265,163	8,222	7,752	73	83 905	600,858	5 530,758	9,205	8,735
74	70 357	470,876	3 746,414	7,956	7,487	74	82 528	552,331	4 929,900	8,926	8,456
75	68 170	426,392	3 275,537	7,682	7,212	75	81 055	506,987	4 377,568	8,634	8,165
76	65 878	385,099	2 849,145	7,398	6,929	76	79 496	464,707	3 870,582	8,329	7,860
77	63 429	346,527	2 464,046	7,111	6,641	77	77 782	424,940	3 405,874	8,015	7,545
78	60 848	310,677	2 117,520	6,816	6,346	78	75 931	387,689	2 980,934	7,689	7,219
79	58 081	277,150	1 806,843	6,519	6,050	79	73 847	352,381	2 593,245	7,359	6,890
80	55 150	245,947	1 529,692	6,220	5,750	80	71 527	318,983	2 240,864	7,025	6,556
81	52 038	216,888	1 283,745	5,919	5,449	81	68 919	287,245	1 921,881	6,691	6,221
82	48 680	189,618	1 066,858	5,626	5,157	82	65 978	256,997	1 634,636	6,361	5,891
83	45 143	164,338	877,239	5,338	4,869	83	62 720	228,324	1 377,639	6,034	5,564
84	41 466	141,075	712,901	5,053	4,584	84	59 163	201,286	1 149,314	5,710	5,240
85	37 651	119,717	571,826	4,776	4,307	85	55 308	175,859	948,029	5,391	4,921
86	33 710	100,173	452,109	4,513	4,044	86	51 097	151,843	772,169	5,085	4,616
87	29 742	82,600	351,937	4,261	3,791	87	46 643	129,538	620,327	4,789	4,319
88	25 813	66,998	269,337	4,020	3,551	88	41 981	108,964	490,789	4,504	4,035
89	21 974	53,304	202,339	3,796	3,326	89	37 187	90,205	381,825	4,233	3,763
90	18 346	41,591	149,035	3,583	3,114	90	32 370	73,385	291,620	3,974	3,504
91	15 015	31,813	107,444	3,377	2,908	91	27 597	58,470	218,235	3,732	3,263
92	12 026	23,813	75,631	3,176	2,707	92	22 970	45,484	159,765	3,513	3,043
93	9 316	17,239	51,818	3,006	2,536	93	18 663	34,538	114,281	3,309	2,839
94	7 048	12,190	34,579	2,837	2,367	94	14 763	25,533	79,743	3,123	2,654
95	5 145	8,316	22,389	2,692	2,223	95	11 365	18,370	54,210	2,951	2,481
96	3 652	5,517	14,073	2,551	2,081	96	8 492	12,829	35,839	2,794	2,324
97	2 475	3,494	8,556	2,449	1,979	97	6 067	8,565	23,010	2,687	2,217
98	1 642	2,166	5,062	2,337	1,867	98	4 253	5,611	14,446	2,575	2,105
99	1 049	1,294	2,895	2,238	1,768	99	2 921	3,602	8,835	2,453	1,983
100	647	0,745	1,601	2,149	1,680	100	1 937	2,232	5,233	2,344	1,875

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 7,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 462 238,787	14,622	14,152	0	100 000	100 000,000	1 466 781,521	14,668	14,198
1	99 644	92 907,947	1 362 238,787	14,662	14,192	1	99 699	92 959,875	1 366 781,521	14,703	14,233
2	99 616	86 603,512	1 269 330,840	14,657	14,187	2	99 675	86 654,384	1 273 821,646	14,700	14,230
3	99 601	80 736,589	1 182 727,328	14,649	14,179	3	99 662	80 786,591	1 187 167,262	14,695	14,225
4	99 590	75 270,670	1 101 990,739	14,640	14,170	4	99 652	75 317,725	1 106 380,671	14,690	14,220
5	99 579	70 174,966	1 026 720,069	14,631	14,161	5	99 643	70 219,597	1 031 062,947	14,683	14,214
6	99 569	65 424,631	956 545,103	14,621	14,151	6	99 634	65 466,985	960 843,350	14,677	14,207
7	99 560	60 996,441	891 120,472	14,609	14,139	7	99 625	61 036,078	895 376,365	14,670	14,200
8	99 552	56 868,240	830 124,030	14,597	14,127	8	99 620	56 907,453	834 340,286	14,661	14,191
9	99 543	53 019,465	773 255,790	14,584	14,114	9	99 613	53 056,864	777 432,834	14,653	14,183
10	99 535	49 431,444	720 236,325	14,570	14,101	10	99 607	49 467,244	724 375,969	14,644	14,174
11	99 527	46 086,272	670 804,881	14,555	14,086	11	99 601	46 120,606	674 908,725	14,634	14,164
12	99 520	42 967,557	624 718,609	14,539	14,069	12	99 594	42 999,571	628 788,119	14,623	14,153
13	99 513	40 060,233	581 751,052	14,522	14,052	13	99 586	40 089,692	585 788,548	14,612	14,142
14	99 503	37 348,617	541 690,819	14,504	14,034	14	99 576	37 376,144	545 698,857	14,600	14,130
15	99 490	34 819,161	504 342,202	14,485	14,015	15	99 567	34 846,338	508 322,712	14,588	14,118
16	99 474	32 460,228	469 523,041	14,465	13,995	16	99 555	32 486,805	473 476,374	14,574	14,105
17	99 449	30 258,457	437 062,814	14,444	13,974	17	99 541	30 286,267	440 989,569	14,561	14,091
18	99 422	28 205,262	406 804,357	14,423	13,953	18	99 527	28 235,099	410 703,301	14,546	14,076
19	99 384	26 288,535	378 599,095	14,402	13,932	19	99 507	26 321,246	382 468,202	14,531	14,061
20	99 344	24 501,707	352 310,560	14,379	13,909	20	99 490	24 537,664	356 146,957	14,514	14,044
21	99 301	22 835,549	327 808,853	14,355	13,885	21	99 472	22 874,711	331 609,292	14,497	14,027
22	99 261	21 283,259	304 973,303	14,329	13,859	22	99 455	21 324,885	308 734,581	14,478	14,008
23	99 216	19 835,528	283 690,045	14,302	13,832	23	99 439	19 880,106	287 409,696	14,457	13,987
24	99 175	18 487,090	263 854,517	14,272	13,802	24	99 421	18 532,893	267 529,590	14,435	13,965
25	99 128	17 229,195	245 367,427	14,241	13,771	25	99 403	17 276,978	248 996,697	14,412	13,942
26	99 085	16 057,482	228 138,232	14,208	13,738	26	99 384	16 106,006	231 719,719	14,387	13,917
27	99 039	14 965,141	212 080,750	14,172	13,702	27	99 366	15 014,428	215 613,714	14,360	13,891
28	98 994	13 947,068	197 115,608	14,133	13,663	28	99 344	13 996,455	200 599,285	14,332	13,862
29	98 946	12 997,954	183 168,541	14,092	13,622	29	99 321	13 047,232	186 602,831	14,302	13,832
30	98 894	12 112,982	170 170,587	14,049	13,579	30	99 295	12 162,103	173 555,599	14,270	13,800
31	98 839	11 287,815	158 057,605	14,002	13,533	31	99 264	11 336,360	161 393,495	14,237	13,767
32	98 778	10 518,288	146 769,790	13,954	13,484	32	99 232	10 566,714	150 057,135	14,201	13,731
33	98 715	9 801,043	136 251,502	13,902	13,432	33	99 198	9 849,038	139 490,421	14,163	13,693
34	98 643	9 131,815	126 450,459	13,847	13,377	34	99 163	9 179,943	129 641,383	14,122	13,652
35	98 567	8 507,961	117 318,643	13,789	13,319	35	99 122	8 555,913	120 461,439	14,079	13,609
36	98 488	7 926,467	108 810,682	13,728	13,258	36	99 082	7 974,253	111 905,526	14,033	13,563
37	98 403	7 384,293	100 884,216	13,662	13,192	37	99 036	7 431,792	103 931,273	13,985	13,515
38	98 307	6 878,375	93 499,923	13,593	13,123	38	98 989	6 926,121	96 499,481	13,933	13,463
39	98 202	6 406,556	86 621,548	13,521	13,051	39	98 929	6 454,026	89 573,360	13,879	13,409
40	98 092	5 966,825	80 214,991	13,443	12,974	40	98 870	6 014,122	83 119,335	13,821	13,351
41	97 971	5 556,587	74 248,167	13,362	12,892	41	98 802	5 603,728	77 105,213	13,760	13,290
42	97 840	5 174,056	68 691,580	13,276	12,806	42	98 729	5 221,053	71 501,485	13,695	13,225
43	97 699	4 817,344	63 517,524	13,185	12,715	43	98 651	4 864,251	66 280,431	13,626	13,156
44	97 549	4 484,780	58 700,180	13,089	12,619	44	98 561	4 531,314	61 416,180	13,554	13,084
45	97 374	4 174,095	54 215,400	12,989	12,519	45	98 465	4 220,900	56 884,867	13,477	13,007
46	97 183	3 884,307	50 041,305	12,883	12,413	46	98 352	3 931,037	52 663,967	13,397	12,927
47	96 971	3 613,839	46 156,998	12,772	12,302	47	98 232	3 660,840	48 732,930	13,312	12,842
48	96 741	3 361,568	42 543,159	12,656	12,186	48	98 098	3 408,693	45 072,090	13,223	12,753
49	96 484	3 126,006	39 181,591	12,534	12,064	49	97 941	3 173,202	41 663,397	13,130	12,660

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 7,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	2 906,030	36 055,586	12,407	11,937	50	97 770	2 953,525	38 490,195	13,032	12,562
51	95 878	2 700,578	33 149,555	12,275	11,805	51	97 589	2 748,766	35 536,670	12,928	12,458
52	95 523	2 508,700	30 448,977	12,137	11,667	52	97 380	2 557,460	32 787,905	12,820	12,351
53	95 128	2 329,429	27 940,277	11,994	11,525	53	97 153	2 379,015	30 230,444	12,707	12,237
54	94 681	2 161,759	25 610,848	11,847	11,377	54	96 903	2 212,500	27 851,429	12,588	12,118
55	94 177	2 004,910	23 449,090	11,696	11,226	55	96 623	2 056,978	25 638,929	12,464	11,994
56	93 621	1 858,327	21 444,179	11,540	11,070	56	96 310	1 911,704	23 581,951	12,336	11,866
57	93 004	1 721,292	19 585,852	11,379	10,909	57	95 965	1 776,099	21 670,247	12,201	11,731
58	92 322	1 593,167	17 864,559	11,213	10,743	58	95 588	1 649,537	19 894,149	12,060	11,591
59	91 569	1 473,354	16 271,393	11,044	10,574	59	95 173	1 531,341	18 244,611	11,914	11,444
60	90 750	1 361,479	14 798,039	10,869	10,399	60	94 725	1 421,104	16 713,271	11,761	11,291
61	89 858	1 256,964	13 436,560	10,690	10,220	61	94 225	1 318,048	15 292,167	11,602	11,132
62	88 886	1 159,312	12 179,596	10,506	10,036	62	93 689	1 221,961	13 974,120	11,436	10,966
63	87 825	1 068,036	11 020,284	10,318	9,848	63	93 115	1 132,368	12 752,159	11,261	10,792
64	86 685	982,913	9 952,248	10,125	9,655	64	92 486	1 048,696	11 619,790	11,080	10,610
65	85 449	903,407	8 969,335	9,928	9,458	65	91 795	970,498	10 571,095	10,892	10,423
66	84 132	829,348	8 065,927	9,726	9,256	66	91 063	897,681	9 600,597	10,695	10,225
67	82 734	760,444	7 236,579	9,516	9,046	67	90 265	829,665	8 702,916	10,490	10,020
68	81 246	696,278	6 476,136	9,301	8,831	68	89 410	766,245	7 873,251	10,275	9,805
69	79 687	636,759	5 779,857	9,077	8,607	69	88 474	706,970	7 107,006	10,053	9,583
70	78 006	581,187	5 143,098	8,849	8,379	70	87 452	651,563	6 400,036	9,823	9,353
71	76 266	529,814	4 561,911	8,610	8,141	71	86 350	599,864	5 748,473	9,583	9,113
72	74 387	481,827	4 032,097	8,368	7,898	72	85 167	551,650	5 148,609	9,333	8,863
73	72 439	437,493	3 550,270	8,115	7,645	73	83 905	506,740	4 596,959	9,072	8,602
74	70 357	396,193	3 112,777	7,857	7,387	74	82 528	464,728	4 090,219	8,801	8,331
75	68 170	357,927	2 716,585	7,590	7,120	75	81 055	425,581	3 625,491	8,519	8,049
76	65 878	322,511	2 358,658	7,313	6,844	76	79 496	389,181	3 199,910	8,222	7,752
77	63 429	289,531	2 036,147	7,033	6,563	77	77 782	355,047	2 810,729	7,916	7,447
78	60 848	258,973	1 746,615	6,744	6,274	78	75 931	323,169	2 455,682	7,599	7,129
79	58 081	230,487	1 487,642	6,454	5,984	79	73 847	293,052	2 132,513	7,277	6,807
80	55 150	204,061	1 257,155	6,161	5,691	80	71 527	264,658	1 839,461	6,950	6,480
81	52 038	179,531	1 053,094	5,866	5,396	81	68 919	237,770	1 574,803	6,623	6,153
82	48 680	156,593	873,563	5,579	5,109	82	65 978	212,236	1 337,033	6,300	5,830
83	45 143	135,399	716,971	5,295	4,825	83	62 720	188,118	1 124,797	5,979	5,509
84	41 466	115,962	581,572	5,015	4,545	84	59 163	165,454	936,679	5,661	5,191
85	37 651	98,176	465,610	4,743	4,273	85	55 308	144,217	771,225	5,348	4,878
86	33 710	81,957	367,434	4,483	4,013	86	51 097	124,231	627,008	5,047	4,577
87	29 742	67,422	285,477	4,234	3,764	87	46 643	105,735	502,777	4,755	4,285
88	25 813	54,560	218,055	3,997	3,527	88	41 981	88,734	397,042	4,475	4,005
89	21 974	43,307	163,495	3,775	3,305	89	37 187	73,287	308,307	4,207	3,737
90	18 346	33,712	120,188	3,565	3,095	90	32 370	59,483	235,020	3,951	3,481
91	15 015	25,726	86,476	3,361	2,892	91	27 597	47,282	175,537	3,713	3,243
92	12 026	19,212	60,750	3,162	2,692	92	22 970	36,696	128,255	3,495	3,025
93	9 316	13,876	41,538	2,994	2,524	93	18 663	27,800	91,559	3,294	2,824
94	7 048	9,789	27,662	2,826	2,356	94	14 763	20,504	63,759	3,110	2,640
95	5 145	6,662	17,874	2,683	2,213	95	11 365	14,718	43,255	2,939	2,469
96	3 652	4,410	11,211	2,542	2,073	96	8 492	10,254	28,538	2,783	2,313
97	2 475	2,786	6,802	2,441	1,971	97	6 067	6,830	18,284	2,677	2,207
98	1 642	1,723	4,016	2,330	1,860	98	4 253	4,464	11,454	2,566	2,096
99	1 049	1,027	2,292	2,232	1,762	99	2 921	2,859	6,990	2,445	1,975
100	647	0,590	1,265	2,144	1,674	100	1 937	1,767	4,132	2,338	1,868

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 7,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 418 115,922	14,181	13,711	0	100 000	100 000,000	1 422 169,148	14,222	13,751
1	99 644	92 691,882	1 318 115,922	14,220	13,750	1	99 699	92 743,689	1 322 169,148	14,256	13,786
2	99 616	86 201,173	1 225 424,040	14,216	13,746	2	99 675	86 251,809	1 229 425,459	14,254	13,784
3	99 601	80 174,620	1 139 222,867	14,209	13,739	3	99 662	80 224,273	1 143 173,651	14,250	13,779
4	99 590	74 572,917	1 059 048,247	14,202	13,731	4	99 652	74 619,535	1 062 949,377	14,245	13,775
5	99 579	69 362,765	984 475,331	14,193	13,723	5	99 643	69 406,879	988 329,843	14,240	13,769
6	99 569	64 517,020	915 112,566	14,184	13,714	6	99 634	64 558,787	918 922,964	14,234	13,764
7	99 560	60 010,377	850 595,545	14,174	13,704	7	99 625	60 049,373	854 364,177	14,228	13,757
8	99 552	55 818,798	790 585,168	14,163	13,693	8	99 620	55 857,287	794 314,803	14,220	13,750
9	99 543	51 920,023	734 766,371	14,152	13,682	9	99 613	51 956,646	738 457,516	14,213	13,743
10	99 535	48 293,831	682 846,348	14,139	13,669	10	99 607	48 328,807	686 500,870	14,205	13,735
11	99 527	44 920,935	634 552,516	14,126	13,656	11	99 601	44 954,400	638 172,063	14,196	13,726
12	99 520	41 783,682	589 631,582	14,112	13,641	12	99 594	41 814,813	593 217,662	14,187	13,717
13	99 513	38 865,865	547 847,900	14,096	13,626	13	99 586	38 894,446	551 402,849	14,177	13,707
14	99 503	36 150,827	508 982,035	14,079	13,609	14	99 576	36 177,471	512 508,403	14,167	13,696
15	99 490	33 624,114	472 831,208	14,062	13,592	15	99 567	33 650,359	476 330,931	14,155	13,685
16	99 474	31 273,245	439 207,094	14,044	13,574	16	99 555	31 298,851	442 680,573	14,144	13,673
17	99 449	29 084,191	407 933,849	14,026	13,556	17	99 541	29 110,923	411 381,722	14,132	13,661
18	99 422	27 047,628	378 849,657	14,007	13,536	18	99 527	27 076,241	382 270,799	14,118	13,648
19	99 384	25 150,944	351 802,029	13,988	13,517	19	99 507	25 182,239	355 194,558	14,105	13,635
20	99 344	23 386,923	326 651,085	13,967	13,497	20	99 490	23 421,244	330 012,319	14,090	13,620
21	99 301	21 745,882	303 264,163	13,946	13,476	21	99 472	21 783,176	306 591,075	14,075	13,604
22	99 261	20 220,530	281 518,280	13,922	13,452	22	99 455	20 260,078	284 807,900	14,058	13,587
23	99 216	18 801,262	261 297,751	13,898	13,428	23	99 439	18 843,516	264 547,822	14,039	13,569
24	99 175	17 482,383	242 496,489	13,871	13,401	24	99 421	17 525,697	245 704,307	14,020	13,549
25	99 128	16 254,960	225 014,105	13,843	13,373	25	99 403	16 300,041	228 178,610	13,999	13,528
26	99 085	15 114,271	208 759,146	13,812	13,342	26	99 384	15 159,944	211 878,569	13,976	13,506
27	99 039	14 053,335	193 644,875	13,779	13,309	27	99 366	14 099,620	196 718,625	13,952	13,482
28	98 994	13 066,833	179 591,539	13,744	13,274	28	99 344	13 113,103	182 619,006	13,926	13,456
29	98 946	12 149,300	166 524,707	13,707	13,236	29	99 321	12 195,361	169 505,903	13,899	13,429
30	98 894	11 295,779	154 375,407	13,667	13,196	30	99 295	11 341,586	157 310,542	13,870	13,400
31	98 839	10 501,802	143 079,628	13,624	13,154	31	99 264	10 546,967	145 968,956	13,840	13,370
32	98 778	9 763,102	132 577,826	13,579	13,109	32	99 232	9 808,051	135 421,989	13,807	13,337
33	98 715	9 076,197	122 814,725	13,532	13,061	33	99 198	9 120,642	125 613,938	13,772	13,302
34	98 643	8 436,796	113 738,527	13,481	13,011	34	99 163	8 481,261	116 493,296	13,735	13,265
35	98 567	7 842,143	105 301,731	13,428	12,957	35	99 122	7 886,342	108 012,034	13,696	13,226
36	98 488	7 289,165	97 459,588	13,370	12,900	36	99 082	7 333,109	100 125,692	13,654	13,184
37	98 403	6 774,790	90 170,423	13,310	12,839	37	99 036	6 818,369	92 792,583	13,609	13,139
38	98 307	6 295,956	83 395,633	13,246	12,776	38	98 989	6 339,658	85 974,214	13,561	13,091
39	98 202	5 850,450	77 099,677	13,178	12,708	39	98 929	5 893,799	79 634,555	13,512	13,041
40	98 092	5 436,216	71 249,227	13,106	12,636	40	98 870	5 479,308	73 740,756	13,458	12,988
41	97 971	5 050,686	65 813,011	13,031	12,560	41	98 802	5 093,536	68 261,449	13,402	12,931
42	97 840	4 692,046	60 762,325	12,950	12,480	42	98 729	4 734,665	63 167,913	13,342	12,871
43	97 699	4 358,406	56 070,278	12,865	12,395	43	98 651	4 400,844	58 433,248	13,278	12,807
44	97 549	4 048,088	51 711,873	12,774	12,304	44	98 561	4 090,091	54 032,404	13,211	12,740
45	97 374	3 758,893	47 663,784	12,680	12,210	45	98 465	3 801,043	49 942,314	13,139	12,669
46	97 183	3 489,796	43 904,892	12,581	12,111	46	98 352	3 531,779	46 141,271	13,065	12,594
47	96 971	3 239,247	40 415,096	12,477	12,006	47	98 232	3 281,376	42 609,492	12,985	12,515
48	96 741	3 006,118	37 175,849	12,367	11,896	48	98 098	3 048,260	39 328,115	12,902	12,432
49	96 484	2 788,963	34 169,731	12,252	11,781	49	97 941	2 831,071	36 279,855	12,815	12,345

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 7,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	2 586,676	31 380,767	12,132	11,661	50	97 770	2 628,951	33 448,784	12,723	12,253
51	95 878	2 398,211	28 794,092	12,006	11,536	51	97 589	2 441,003	30 819,833	12,626	12,156
52	95 523	2 222,635	26 395,880	11,876	11,406	52	97 380	2 265,835	28 378,830	12,525	12,054
53	95 128	2 059,007	24 173,245	11,740	11,270	53	97 153	2 102,837	26 112,995	12,418	11,948
54	94 681	1 906,358	22 114,238	11,600	11,130	54	96 903	1 951,104	24 010,158	12,306	11,836
55	94 177	1 763,928	20 207,881	11,456	10,986	55	96 623	1 809,738	22 059,054	12,189	11,719
56	93 621	1 631,162	18 443,952	11,307	10,837	56	96 310	1 678,013	20 249,316	12,067	11,597
57	93 004	1 507,365	16 812,790	11,154	10,683	57	95 965	1 555,359	18 571,302	11,940	11,470
58	92 322	1 391,918	15 305,426	10,996	10,526	58	95 588	1 441,168	17 015,943	11,807	11,337
59	91 569	1 284,247	13 913,507	10,834	10,364	59	95 173	1 334,791	15 574,775	11,668	11,198
60	90 750	1 183,971	12 629,261	10,667	10,197	60	94 725	1 235,822	14 239,984	11,523	11,052
61	89 858	1 090,541	11 445,289	10,495	10,025	61	94 225	1 143,537	13 004,162	11,372	10,902
62	88 886	1 003,479	10 354,749	10,319	9,849	62	93 689	1 057,707	11 860,625	11,214	10,743
63	87 825	922,322	9 351,270	10,139	9,669	63	93 115	977,877	10 802,918	11,047	10,577
64	86 685	846,839	8 428,948	9,953	9,483	64	92 486	903,514	9 825,041	10,874	10,404
65	85 449	776,530	7 582,109	9,764	9,294	65	91 795	834,198	8 921,527	10,695	10,224
66	84 132	711,214	6 805,580	9,569	9,099	66	91 063	769,813	8 087,329	10,506	10,035
67	82 734	650,608	6 094,366	9,367	8,897	67	90 265	709,830	7 317,516	10,309	9,839
68	81 246	594,325	5 443,758	9,160	8,689	68	89 410	654,046	6 607,686	10,103	9,633
69	79 687	542,256	4 849,434	8,943	8,473	69	88 474	602,048	5 953,640	9,889	9,419
70	78 006	493,781	4 307,177	8,723	8,253	70	87 452	553,573	5 351,592	9,667	9,197
71	76 266	449,087	3 813,396	8,491	8,021	71	86 350	508,464	4 798,019	9,436	8,966
72	74 387	407,462	3 364,309	8,257	7,786	72	85 167	466,509	4 289,555	9,195	8,725
73	72 439	369,110	2 956,846	8,011	7,540	73	83 905	427,533	3 823,046	8,942	8,472
74	70 357	333,488	2 587,736	7,760	7,289	74	82 528	391,177	3 395,513	8,680	8,210
75	68 170	300,578	2 254,248	7,500	7,029	75	81 055	357,392	3 004,336	8,406	7,936
76	65 878	270,207	1 953,670	7,230	6,760	76	79 496	326,064	2 646,944	8,118	7,648
77	63 429	242,011	1 683,463	6,956	6,486	77	77 782	296,774	2 320,879	7,820	7,350
78	60 848	215,965	1 441,452	6,674	6,204	78	75 931	269,500	2 024,105	7,511	7,040
79	58 081	191,763	1 225,487	6,391	5,920	79	73 847	243,816	1 754,605	7,196	6,726
80	55 150	169,382	1 033,724	6,103	5,633	80	71 527	219,681	1 510,789	6,877	6,407
81	52 038	148,674	864,342	5,814	5,343	81	68 919	196,903	1 291,108	6,557	6,087
82	48 680	129,377	715,668	5,532	5,061	82	65 978	175,349	1 094,205	6,240	5,770
83	45 143	111,606	586,291	5,253	4,783	83	62 720	155,061	918,855	5,926	5,455
84	41 466	95,362	474,685	4,978	4,507	84	59 163	136,063	763,794	5,614	5,143
85	37 651	80,548	379,323	4,709	4,239	85	55 308	118,322	627,731	5,305	4,835
86	33 710	67,085	298,774	4,454	3,983	86	51 097	101,688	509,409	5,010	4,539
87	29 742	55,059	231,689	4,208	3,738	87	46 643	86,347	407,721	4,722	4,252
88	25 813	44,452	176,630	3,974	3,503	88	41 981	72,295	321,373	4,445	3,975
89	21 974	35,202	132,178	3,755	3,285	89	37 187	59,571	249,078	4,181	3,711
90	18 346	27,339	96,976	3,547	3,077	90	32 370	48,238	189,507	3,929	3,458
91	15 015	20,814	69,637	3,346	2,875	91	27 597	38,255	141,270	3,693	3,223
92	12 026	15,507	48,823	3,148	2,678	92	22 970	29,620	103,015	3,478	3,008
93	9 316	11,174	33,316	2,981	2,511	93	18 663	22,387	73,395	3,278	2,808
94	7 048	7,864	22,142	2,815	2,345	94	14 763	16,474	51,007	3,096	2,626
95	5 145	5,340	14,277	2,673	2,203	95	11 365	11,797	34,534	2,927	2,457
96	3 652	3,527	8,937	2,534	2,064	96	8 492	8,200	22,737	2,773	2,302
97	2 475	2,223	5,410	2,434	1,964	97	6 067	5,449	14,537	2,668	2,197
98	1 642	1,372	3,187	2,323	1,853	98	4 253	3,553	9,088	2,558	2,087
99	1 049	0,816	1,815	2,226	1,755	99	2 921	2,270	5,534	2,438	1,967
100	647	0,468	1,000	2,138	1,668	100	1 937	1,400	3,264	2,331	1,861

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 7,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 376 667,159	13,767	13,296	0	100 000	100 000,000	1 380 297,529	13,803	13,332
1	99 644	92 476,820	1 276 667,159	13,805	13,335	1	99 699	92 528,506	1 280 297,529	13,837	13,366
2	99 616	85 801,632	1 184 190,339	13,801	13,331	2	99 675	85 852,032	1 187 769,023	13,835	13,364
3	99 601	79 617,854	1 098 388,707	13,796	13,325	3	99 662	79 667,162	1 101 916,990	13,832	13,361
4	99 590	73 883,230	1 018 770,854	13,789	13,318	4	99 652	73 929,417	1 022 249,828	13,827	13,357
5	99 579	68 561,818	944 887,624	13,782	13,311	5	99 643	68 605,422	948 320,411	13,823	13,352
6	99 569	63 624,065	876 325,806	13,773	13,303	6	99 634	63 665,254	879 714,989	13,818	13,347
7	99 560	59 042,488	812 701,741	13,765	13,294	7	99 625	59 080,856	816 049,735	13,812	13,342
8	99 552	54 791,093	753 659,253	13,755	13,284	8	99 620	54 828,873	756 968,879	13,806	13,335
9	99 543	50 845,854	698 868,160	13,745	13,274	9	99 613	50 881,719	702 140,006	13,799	13,329
10	99 535	47 184,952	648 022,306	13,734	13,263	10	99 607	47 219,125	651 258,287	13,792	13,322
11	99 527	43 787,669	600 837,355	13,722	13,251	11	99 601	43 820,290	604 039,162	13,784	13,314
12	99 520	40 635,062	557 049,686	13,709	13,238	12	99 594	40 665,338	560 218,872	13,776	13,306
13	99 513	37 709,759	516 414,624	13,694	13,224	13	99 586	37 737,489	519 553,534	13,768	13,297
14	99 503	34 994,100	478 704,865	13,680	13,209	14	99 576	35 019,892	481 816,045	13,758	13,288
15	99 490	32 472,717	443 710,765	13,664	13,193	15	99 567	32 498,063	446 796,152	13,748	13,278
16	99 474	30 132,275	411 238,048	13,648	13,177	16	99 555	30 156,946	414 298,089	13,738	13,267
17	99 449	27 958,067	381 105,773	13,631	13,161	17	99 541	27 983,764	384 141,143	13,727	13,257
18	99 422	25 940,033	353 147,706	13,614	13,143	18	99 527	25 967,474	356 157,379	13,716	13,245
19	99 384	24 065,052	327 207,673	13,597	13,126	19	99 507	24 094,996	330 189,905	13,704	13,233
20	99 344	22 325,274	303 142,620	13,578	13,108	20	99 490	22 358,037	306 094,909	13,691	13,220
21	99 301	20 710,564	280 817,347	13,559	13,088	21	99 472	20 746,082	283 736,872	13,677	13,206
22	99 261	19 213,152	260 106,783	13,538	13,067	22	99 455	19 250,729	262 990,791	13,661	13,191
23	99 216	17 823,142	240 893,631	13,516	13,045	23	99 439	17 863,197	243 740,061	13,645	13,174
24	99 175	16 534,425	223 070,489	13,491	13,021	24	99 421	16 575,390	225 876,864	13,627	13,157
25	99 128	15 337,887	206 536,065	13,466	12,995	25	99 403	15 380,424	209 301,474	13,608	13,138
26	99 085	14 228,464	191 198,178	13,438	12,967	26	99 384	14 271,460	193 921,050	13,588	13,117
27	99 039	13 199,012	176 969,714	13,408	12,937	27	99 366	13 242,482	179 649,589	13,566	13,095
28	98 994	12 244,006	163 770,702	13,376	12,905	28	99 344	12 287,362	166 407,107	13,543	13,072
29	98 946	11 357,837	151 526,696	13,341	12,870	29	99 321	11 400,897	154 119,745	13,518	13,048
30	98 894	10 535,417	140 168,859	13,305	12,834	30	99 295	10 578,141	142 718,848	13,492	13,021
31	98 839	9 772,160	129 633,442	13,266	12,795	31	99 264	9 814,187	132 140,707	13,464	12,994
32	98 778	9 063,705	119 861,282	13,224	12,754	32	99 232	9 105,434	122 326,520	13,434	12,964
33	98 715	8 406,458	110 797,577	13,180	12,709	33	99 198	8 447,624	113 221,086	13,403	12,932
34	98 643	7 796,109	102 391,120	13,134	12,663	34	99 163	7 837,197	104 773,462	13,369	12,898
35	98 567	7 229,800	94 595,011	13,084	12,613	35	99 122	7 270,548	96 936,265	13,333	12,862
36	98 488	6 704,408	87 365,211	13,031	12,560	36	99 082	6 744,827	89 665,718	13,294	12,823
37	98 403	6 216,841	80 660,804	12,975	12,504	37	99 036	6 256,830	82 920,891	13,253	12,782
38	98 307	5 764,036	74 443,963	12,915	12,445	38	98 989	5 804,047	76 664,061	13,209	12,738
39	98 202	5 343,742	68 679,927	12,852	12,382	39	98 929	5 383,337	70 860,014	13,163	12,692
40	98 092	4 953,865	63 336,185	12,785	12,315	40	98 870	4 993,133	65 476,677	13,113	12,643
41	97 971	4 591,864	58 382,320	12,714	12,244	41	98 802	4 630,820	60 483,544	13,061	12,590
42	97 840	4 255,906	53 790,456	12,639	12,168	42	98 729	4 294,564	55 852,724	13,005	12,535
43	97 699	3 944,106	49 534,550	12,559	12,088	43	98 651	3 982,510	51 558,160	12,946	12,475
44	97 549	3 654,787	45 590,443	12,474	12,004	44	98 561	3 692,709	47 575,650	12,884	12,413
45	97 374	3 385,816	41 935,656	12,386	11,915	45	98 465	3 423,782	43 882,941	12,817	12,346
46	97 183	3 136,133	38 549,840	12,292	11,821	46	98 352	3 173,863	40 459,159	12,748	12,277
47	96 971	2 904,222	35 413,707	12,194	11,723	47	98 232	2 941,994	37 285,297	12,673	12,203
48	96 741	2 688,951	32 509,485	12,090	11,619	48	98 098	2 726,647	34 343,303	12,595	12,125
49	96 484	2 488,920	29 820,533	11,981	11,511	49	97 941	2 526,497	31 616,656	12,514	12,043

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 7,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	2 303,039	27 331,614	11,868	11,397	50	97 770	2 340,678	29 090,158	12,428	11,957
51	95 878	2 130,286	25 028,575	11,749	11,278	51	97 589	2 168,297	26 749,480	12,337	11,866
52	95 523	1 969,744	22 898,289	11,625	11,154	52	97 380	2 008,029	24 581,183	12,241	11,771
53	95 128	1 820,500	20 928,545	11,496	11,025	53	97 153	1 859,252	22 573,154	12,141	11,670
54	94 681	1 681,622	19 108,045	11,363	10,892	54	96 903	1 721,094	20 713,901	12,035	11,565
55	94 177	1 552,373	17 426,423	11,226	10,755	55	96 623	1 592,689	18 992,807	11,925	11,454
56	93 621	1 432,199	15 874,050	11,084	10,613	56	96 310	1 473,336	17 400,119	11,810	11,339
57	93 004	1 320,431	14 441,850	10,937	10,467	57	95 965	1 362,474	15 926,783	11,690	11,219
58	92 322	1 216,473	13 121,419	10,786	10,316	58	95 588	1 259,515	14 564,309	11,563	11,093
59	91 569	1 119,769	11 904,946	10,632	10,161	59	95 173	1 163,840	13 304,793	11,432	10,961
60	90 750	1 029,941	10 785,177	10,472	10,001	60	94 725	1 075,046	12 140,954	11,293	10,823
61	89 858	946,464	9 755,236	10,307	9,836	61	94 225	992,459	11 065,908	11,150	10,679
62	88 886	868,884	8 808,772	10,138	9,667	62	93 689	915,838	10 073,449	10,999	10,528
63	87 825	796,759	7 939,888	9,965	9,495	63	93 115	844,752	9 157,611	10,841	10,370
64	86 685	729,855	7 143,129	9,787	9,316	64	92 486	778,701	8 312,859	10,675	10,205
65	85 449	667,706	6 413,274	9,605	9,134	65	91 795	717,292	7 534,158	10,504	10,033
66	84 132	610,124	5 745,568	9,417	8,946	66	91 063	660,394	6 816,866	10,322	9,852
67	82 734	556,838	5 135,444	9,223	8,752	67	90 265	607,525	6 156,471	10,134	9,663
68	81 246	507,486	4 578,606	9,022	8,551	68	89 410	558,482	5 548,946	9,936	9,465
69	79 687	461,952	4 071,120	8,813	8,342	69	88 474	512,888	4 990,465	9,730	9,259
70	78 006	419,680	3 609,168	8,600	8,129	70	87 452	470,498	4 477,577	9,517	9,046
71	76 266	380,807	3 189,489	8,376	7,905	71	86 350	431,156	4 007,078	9,294	8,823
72	74 387	344,709	2 808,682	8,148	7,677	72	85 167	394,662	3 575,922	9,061	8,590
73	72 439	311,539	2 463,973	7,909	7,438	73	83 905	360,850	3 181,260	8,816	8,345
74	70 357	280,820	2 152,434	7,665	7,194	74	82 528	329,398	2 820,411	8,562	8,092
75	68 170	252,520	1 871,614	7,412	6,941	75	81 055	300,251	2 491,013	8,296	7,826
76	65 878	226,478	1 619,093	7,149	6,678	76	79 496	273,296	2 190,762	8,016	7,545
77	63 429	202,375	1 392,615	6,881	6,411	77	77 782	248,169	1 917,466	7,726	7,256
78	60 848	180,176	1 190,240	6,606	6,135	78	75 931	224,839	1 669,297	7,424	6,954
79	58 081	159,613	1 010,064	6,328	5,858	79	73 847	202,939	1 444,458	7,118	6,647
80	55 150	140,657	850,451	6,046	5,576	80	71 527	182,426	1 241,519	6,806	6,335
81	52 038	123,175	709,794	5,763	5,292	81	68 919	163,132	1 059,093	6,492	6,022
82	48 680	106,938	586,620	5,486	5,015	82	65 978	144,938	895,961	6,182	5,711
83	45 143	92,036	479,681	5,212	4,741	83	62 720	127,871	751,023	5,873	5,403
84	41 466	78,458	387,645	4,941	4,470	84	59 163	111,944	623,152	5,567	5,096
85	37 651	66,116	309,188	4,676	4,206	85	55 308	97,122	511,209	5,264	4,793
86	33 710	54,937	243,071	4,425	3,954	86	51 097	83,275	414,087	4,973	4,502
87	29 742	44,985	188,134	4,182	3,712	87	46 643	70,547	330,812	4,689	4,219
88	25 813	36,234	143,149	3,951	3,480	88	41 981	58,930	260,265	4,417	3,946
89	21 974	28,627	106,916	3,735	3,264	89	37 187	48,445	201,335	4,156	3,685
90	18 346	22,181	78,289	3,529	3,059	90	32 370	39,137	152,890	3,906	3,436
91	15 015	16,848	56,107	3,330	2,859	91	27 597	30,966	113,752	3,673	3,203
92	12 026	12,524	39,259	3,135	2,664	92	22 970	23,921	82,787	3,461	2,990
93	9 316	9,003	26,735	2,969	2,499	93	18 663	18,038	58,866	3,263	2,793
94	7 048	6,322	17,732	2,805	2,334	94	14 763	13,242	40,828	3,083	2,613
95	5 145	4,283	11,410	2,664	2,193	95	11 365	9,461	27,586	2,916	2,445
96	3 652	2,822	7,127	2,526	2,055	96	8 492	6,561	18,125	2,762	2,292
97	2 475	1,774	4,306	2,426	1,956	97	6 067	4,350	11,564	2,658	2,188
98	1 642	1,093	2,531	2,317	1,846	98	4 253	2,830	7,214	2,549	2,079
99	1 049	0,648	1,439	2,220	1,749	99	2 921	1,804	4,384	2,430	1,960
100	647	0,371	0,791	2,133	1,662	100	1 937	1,110	2,580	2,324	1,854

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 8 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 337 667,247	13,377	12,906	0	100 000	100 000,000	1 340 931,395	13,409	12,938
1	99 644	92 262,753	1 237 667,247	13,415	12,944	1	99 699	92 314,320	1 240 931,395	13,442	12,971
2	99 616	85 404,862	1 145 404,494	13,411	12,940	2	99 675	85 455,029	1 148 617,075	13,441	12,970
3	99 601	79 066,231	1 059 999,633	13,406	12,935	3	99 662	79 115,198	1 063 162,046	13,438	12,967
4	99 590	73 201,497	980 933,402	13,400	12,929	4	99 652	73 247,258	984 046,848	13,435	12,964
5	99 579	67 771,943	907 731,905	13,394	12,923	5	99 643	67 815,046	910 799,590	13,431	12,960
6	99 569	62 745,496	839 959,961	13,387	12,916	6	99 634	62 786,116	842 984,544	13,426	12,955
7	99 560	58 092,400	777 214,466	13,379	12,908	7	99 625	58 130,150	780 198,429	13,422	12,951
8	99 552	53 784,626	719 122,066	13,370	12,899	8	99 620	53 821,712	722 068,279	13,416	12,945
9	99 543	49 796,320	665 337,440	13,361	12,890	9	99 613	49 831,446	668 246,567	13,410	12,939
10	99 535	46 104,015	615 541,120	13,351	12,880	10	99 607	46 137,405	618 415,121	13,404	12,933
11	99 527	42 685,520	569 437,105	13,340	12,869	11	99 601	42 717,321	572 277,716	13,397	12,926
12	99 520	39 520,571	526 751,585	13,329	12,857	12	99 594	39 550,016	529 560,395	13,390	12,919
13	99 513	36 590,602	487 231,014	13,316	12,845	13	99 586	36 617,510	490 010,379	13,382	12,911
14	99 503	33 876,939	450 640,411	13,302	12,831	14	99 576	33 901,907	453 392,869	13,374	12,903
15	99 490	31 363,280	416 763,473	13,288	12,817	15	99 567	31 387,761	419 490,962	13,365	12,894
16	99 474	29 035,432	385 400,193	13,273	12,802	16	99 555	29 059,205	388 103,201	13,356	12,885
17	99 449	26 878,006	356 364,761	13,259	12,788	17	99 541	26 902,710	359 043,996	13,346	12,875
18	99 422	24 880,205	329 486,755	13,243	12,772	18	99 527	24 906,524	332 141,287	13,336	12,864
19	99 384	23 028,399	304 606,550	13,227	12,756	19	99 507	23 057,053	307 234,762	13,325	12,854
20	99 344	21 314,113	281 578,151	13,211	12,740	20	99 490	21 345,392	284 177,709	13,313	12,842
21	99 301	19 726,767	260 264,038	13,193	12,722	21	99 472	19 760,598	262 832,317	13,301	12,830
22	99 261	18 258,123	240 537,271	13,174	12,703	22	99 455	18 293,833	243 071,719	13,287	12,816
23	99 216	16 898,000	222 279,148	13,154	12,683	23	99 439	16 935,976	224 777,887	13,272	12,801
24	99 175	15 639,888	205 381,149	13,132	12,661	24	99 421	15 678,637	207 841,911	13,256	12,785
25	99 128	14 474,501	189 741,260	13,109	12,638	25	99 403	14 514,644	192 163,274	13,239	12,768
26	99 085	13 396,447	175 266,759	13,083	12,612	26	99 384	13 436,929	177 648,629	13,221	12,750
27	99 039	12 398,426	161 870,312	13,056	12,585	27	99 366	12 439,260	164 211,700	13,201	12,730
28	98 994	11 474,722	149 471,886	13,026	12,555	28	99 344	11 515,354	151 772,440	13,180	12,709
29	98 946	10 619,591	137 997,164	12,995	12,524	29	99 321	10 659,853	140 257,086	13,158	12,686
30	98 894	9 827,825	127 377,573	12,961	12,490	30	99 295	9 867,680	129 597,233	13,134	12,662
31	98 839	9 094,730	117 549,747	12,925	12,454	31	99 264	9 133,843	119 729,553	13,108	12,637
32	98 778	8 415,860	108 455,017	12,887	12,416	32	99 232	8 454,607	110 595,710	13,081	12,610
33	98 715	7 787,522	100 039,158	12,846	12,375	33	99 198	7 825,657	102 141,104	13,052	12,581
34	98 643	7 205,393	92 251,635	12,803	12,332	34	99 163	7 243,368	94 315,446	13,021	12,550
35	98 567	6 666,526	85 046,242	12,757	12,286	35	99 122	6 704,099	87 072,078	12,988	12,517
36	98 488	6 167,757	78 379,716	12,708	12,237	36	99 082	6 204,941	80 367,979	12,952	12,481
37	98 403	5 705,978	72 211,959	12,655	12,184	37	99 036	5 742,682	74 163,038	12,914	12,443
38	98 307	5 278,136	66 505,981	12,600	12,129	38	98 989	5 314,774	68 420,357	12,874	12,403
39	98 202	4 881,945	61 227,845	12,542	12,071	39	98 929	4 918,118	63 105,583	12,831	12,360
40	98 092	4 515,284	56 345,900	12,479	12,008	40	98 870	4 551,076	58 187,465	12,785	12,314
41	97 971	4 175,644	51 830,615	12,413	11,942	41	98 802	4 211,069	53 636,389	12,737	12,266
42	97 840	3 861,180	47 654,972	12,342	11,871	42	98 729	3 896,252	49 425,320	12,685	12,214
43	97 699	3 570,016	43 793,792	12,267	11,796	43	98 651	3 604,777	45 529,068	12,630	12,159
44	97 549	3 300,480	40 223,776	12,187	11,716	44	98 561	3 334,726	41 924,291	12,572	12,101
45	97 374	3 050,506	36 923,295	12,104	11,633	45	98 465	3 084,712	38 589,565	12,510	12,039
46	97 183	2 819,010	33 872,790	12,016	11,545	46	98 352	2 852,924	35 504,853	12,445	11,974
47	96 971	2 604,506	31 053,780	11,923	11,452	47	98 232	2 638,380	32 651,929	12,376	11,905
48	96 741	2 405,869	28 449,274	11,825	11,354	48	98 098	2 439,597	30 013,549	12,303	11,832
49	96 484	2 221,741	26 043,404	11,722	11,251	49	97 941	2 255,285	27 573,952	12,226	11,755

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 8 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	2 051,056	23 821,663	11,614	11,143	50	97 770	2 084,577	25 318,667	12,146	11,675
51	95 878	1 892,812	21 770,607	11,502	11,031	51	97 589	1 926,587	23 234,090	12,060	11,589
52	95 523	1 746,116	19 877,795	11,384	10,913	52	97 380	1 780,054	21 307,504	11,970	11,499
53	95 128	1 610,079	18 131,679	11,261	10,790	53	97 153	1 644,353	19 527,449	11,875	11,404
54	94 681	1 483,811	16 521,599	11,135	10,664	54	96 903	1 518,640	17 883,096	11,776	11,305
55	94 177	1 366,595	15 037,788	11,004	10,533	55	96 623	1 402,086	16 364,456	11,672	11,200
56	93 621	1 257,885	13 671,192	10,868	10,397	56	96 310	1 294,014	14 962,370	11,563	11,092
57	93 004	1 157,036	12 413,308	10,729	10,258	57	95 965	1 193,876	13 668,356	11,449	10,978
58	92 322	1 063,474	11 256,272	10,584	10,113	58	95 588	1 101,103	12 474,480	11,329	10,858
59	91 569	976,666	10 192,798	10,436	9,965	59	95 173	1 015,105	11 373,378	11,204	10,733
60	90 750	896,239	9 216,132	10,283	9,812	60	94 725	935,489	10 358,272	11,073	10,602
61	89 858	821,692	8 319,893	10,125	9,654	61	94 225	861,623	9 422,784	10,936	10,465
62	88 886	752,593	7 498,201	9,963	9,492	62	93 689	793,263	8 561,161	10,792	10,321
63	87 825	688,524	6 745,608	9,797	9,326	63	93 115	729,997	7 767,898	10,641	10,170
64	86 685	629,248	6 057,084	9,626	9,155	64	92 486	671,361	7 037,901	10,483	10,012
65	85 449	574,333	5 427,836	9,451	8,980	65	91 795	616,986	6 366,539	10,319	9,848
66	84 132	523,589	4 853,502	9,270	8,799	66	91 063	566,730	5 749,554	10,145	9,674
67	82 734	476,754	4 329,913	9,082	8,611	67	90 265	520,152	5 182,824	9,964	9,493
68	81 246	433,495	3 853,159	8,889	8,418	68	89 410	477,055	4 662,672	9,774	9,303
69	79 687	393,686	3 419,664	8,686	8,215	69	88 474	437,095	4 185,617	9,576	9,105
70	78 006	356,832	3 025,978	8,480	8,009	70	87 452	400,041	3 748,522	9,370	8,899
71	76 266	323,032	2 669,146	8,263	7,792	71	86 350	365,742	3 348,481	9,155	8,684
72	74 387	291,734	2 346,114	8,042	7,571	72	85 167	334,010	2 982,739	8,930	8,459
73	72 439	263,051	2 054,380	7,810	7,339	73	83 905	304,687	2 648,730	8,693	8,222
74	70 357	236,564	1 791,330	7,572	7,101	74	82 528	277,486	2 344,043	8,447	7,976
75	68 170	212,232	1 554,766	7,326	6,855	75	81 055	252,347	2 066,557	8,189	7,718
76	65 878	189,904	1 342,534	7,070	6,598	76	79 496	229,161	1 814,210	7,917	7,446
77	63 429	169,301	1 152,630	6,808	6,337	77	77 782	207,610	1 585,048	7,635	7,164
78	60 848	150,380	983,329	6,539	6,068	78	75 931	187,657	1 377,438	7,340	6,869
79	58 081	132,910	832,949	6,267	5,796	79	73 847	168,988	1 189,781	7,041	6,570
80	55 150	116,854	700,039	5,991	5,520	80	71 527	151,555	1 020,793	6,735	6,264
81	52 038	102,093	583,185	5,712	5,241	81	68 919	135,212	869,239	6,429	5,958
82	48 680	88,431	481,092	5,440	4,969	82	65 978	119,853	734,027	6,124	5,653
83	45 143	75,931	392,661	5,171	4,700	83	62 720	105,496	614,173	5,822	5,351
84	41 466	64,579	316,730	4,905	4,433	84	59 163	92,141	508,678	5,521	5,050
85	37 651	54,295	252,151	4,644	4,173	85	55 308	79,757	416,537	5,223	4,752
86	33 710	45,010	197,857	4,396	3,925	86	51 097	68,227	336,780	4,936	4,465
87	29 742	36,771	152,846	4,157	3,686	87	46 643	57,666	268,553	4,657	4,186
88	25 813	29,549	116,076	3,928	3,457	88	41 981	48,058	210,887	4,388	3,917
89	21 974	23,292	86,527	3,715	3,244	89	37 187	39,416	162,829	4,131	3,660
90	18 346	18,006	63,235	3,512	3,041	90	32 370	31,769	123,413	3,885	3,414
91	15 015	13,645	45,230	3,315	2,844	91	27 597	25,078	91,644	3,654	3,183
92	12 026	10,119	31,585	3,121	2,650	92	22 970	19,328	66,566	3,444	2,973
93	9 316	7,258	21,466	2,958	2,487	93	18 663	14,541	47,238	3,249	2,778
94	7 048	5,084	14,208	2,795	2,323	94	14 763	10,650	32,697	3,070	2,599
95	5 145	3,437	9,124	2,655	2,184	95	11 365	7,591	22,047	2,904	2,433
96	3 652	2,259	5,687	2,518	2,047	96	8 492	5,252	14,456	2,752	2,281
97	2 475	1,417	3,429	2,419	1,948	97	6 067	3,474	9,204	2,649	2,178
98	1 642	0,871	2,011	2,310	1,839	98	4 253	2,255	5,730	2,541	2,070
99	1 049	0,515	1,141	2,214	1,743	99	2 921	1,434	3,475	2,423	1,952
100	647	0,294	0,626	2,128	1,657	100	1 937	0,880	2,041	2,318	1,847

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 8,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 300 914,263	13,009	12,538	0	100 000	100 000,000	1 303 860,403	13,039	12,567
1	99 644	92 049,675	1 200 914,263	13,046	12,575	1	99 699	92 101,123	1 203 860,403	13,071	12,600
2	99 616	85 010,837	1 108 864,588	13,044	12,572	2	99 675	85 060,774	1 111 759,280	13,070	12,599
3	99 601	78 519,692	1 023 853,751	13,039	12,568	3	99 662	78 568,321	1 026 698,506	13,068	12,596
4	99 590	72 527,610	945 334,059	13,034	12,563	4	99 652	72 572,950	948 130,186	13,065	12,593
5	99 579	66 992,964	872 806,449	13,028	12,557	5	99 643	67 035,571	875 557,236	13,061	12,590
6	99 569	61 881,048	805 813,485	13,022	12,551	6	99 634	61 921,108	808 521,666	13,057	12,586
7	99 560	57 159,743	743 932,437	13,015	12,544	7	99 625	57 196,887	746 600,558	13,053	12,582
8	99 552	52 798,910	686 772,694	13,007	12,536	8	99 620	52 835,316	689 403,671	13,048	12,577
9	99 543	48 770,803	633 973,784	12,999	12,528	9	99 613	48 805,205	636 568,354	13,043	12,572
10	99 535	45 050,255	585 202,981	12,990	12,519	10	99 607	45 082,882	587 763,149	13,037	12,566
11	99 527	41 613,566	540 152,726	12,980	12,509	11	99 601	41 644,568	542 680,267	13,031	12,560
12	99 520	38 439,118	498 539,160	12,970	12,498	12	99 594	38 467,758	501 035,699	13,025	12,553
13	99 513	35 507,133	460 100,042	12,958	12,487	13	99 586	35 533,244	462 567,942	13,018	12,546
14	99 503	32 797,902	424 592,909	12,946	12,474	14	99 576	32 822,075	427 034,697	13,011	12,539
15	99 490	30 294,182	391 795,007	12,933	12,462	15	99 567	30 317,828	394 212,622	13,003	12,531
16	99 474	27 980,914	361 500,824	12,920	12,448	16	99 555	28 003,824	363 894,794	12,994	12,523
17	99 449	25 842,023	333 519,910	12,906	12,435	17	99 541	25 865,774	335 890,970	12,986	12,514
18	99 422	23 865,979	307 677,888	12,892	12,420	18	99 527	23 891,226	310 025,196	12,977	12,505
19	99 384	22 038,646	283 811,909	12,878	12,406	19	99 507	22 066,068	286 133,969	12,967	12,496
20	99 344	20 350,930	261 773,263	12,863	12,392	20	99 490	20 380,796	264 067,901	12,957	12,485
21	99 301	18 791,817	241 422,332	12,847	12,376	21	99 472	18 824,044	243 687,105	12,946	12,474
22	99 261	17 352,611	222 630,515	12,830	12,358	22	99 455	17 386,550	224 863,061	12,933	12,462
23	99 216	16 022,853	205 277,904	12,812	12,340	23	99 439	16 058,863	207 476,511	12,920	12,448
24	99 175	14 795,650	189 255,051	12,791	12,320	24	99 421	14 832,308	191 417,648	12,905	12,434
25	99 128	13 661,547	174 459,400	12,770	12,299	25	99 403	13 699,435	176 585,341	12,890	12,419
26	99 085	12 614,840	160 797,853	12,747	12,275	26	99 384	12 652,960	162 885,905	12,873	12,402
27	99 039	11 648,084	148 183,014	12,722	12,250	27	99 366	11 686,447	150 232,945	12,855	12,384
28	98 994	10 755,386	136 534,929	12,695	12,223	28	99 344	10 793,471	138 546,498	12,836	12,365
29	98 946	9 930,874	125 779,543	12,666	12,194	29	99 321	9 968,524	127 753,027	12,816	12,344
30	98 894	9 169,232	115 848,670	12,635	12,163	30	99 295	9 206,415	117 784,503	12,794	12,322
31	98 839	8 465,667	106 679,438	12,601	12,130	31	99 264	8 502,075	108 578,088	12,771	12,299
32	98 778	7 815,661	98 213,771	12,566	12,095	32	99 232	7 851,644	100 076,013	12,746	12,274
33	98 715	7 215,433	90 398,110	12,528	12,057	33	99 198	7 250,766	92 224,369	12,719	12,248
34	98 643	6 660,650	83 182,678	12,489	12,017	34	99 163	6 695,754	84 973,603	12,691	12,219
35	98 567	6 148,290	76 522,028	12,446	11,975	35	99 122	6 182,942	78 277,849	12,660	12,189
36	98 488	5 675,157	70 373,738	12,400	11,929	36	99 082	5 709,371	72 094,907	12,627	12,156
37	98 403	5 238,133	64 698,581	12,351	11,880	37	99 036	5 271,828	66 385,536	12,593	12,121
38	98 307	4 834,181	59 460,448	12,300	11,829	38	98 989	4 867,737	61 113,708	12,555	12,083
39	98 202	4 460,988	54 626,267	12,245	11,774	39	98 929	4 494,042	56 245,971	12,516	12,044
40	98 092	4 116,415	50 165,278	12,187	11,715	40	98 870	4 149,044	51 751,929	12,473	12,002
41	97 971	3 797,986	46 048,864	12,125	11,653	41	98 802	3 830,207	47 602,885	12,428	11,957
42	97 840	3 503,852	42 250,878	12,058	11,587	42	98 729	3 535,678	43 772,678	12,380	11,909
43	97 699	3 232,151	38 747,026	11,988	11,517	43	98 651	3 263,623	40 236,999	12,329	11,858
44	97 549	2 981,224	35 514,875	11,913	11,441	44	98 561	3 012,157	36 973,376	12,275	11,803
45	97 374	2 749,066	32 533,651	11,834	11,363	45	98 465	2 779,892	33 961,220	12,217	11,745
46	97 183	2 534,578	29 784,585	11,751	11,280	46	98 352	2 565,070	31 181,328	12,156	11,685
47	96 971	2 336,310	27 250,007	11,664	11,192	47	98 232	2 366,695	28 616,257	12,091	11,620
48	96 741	2 153,143	24 913,697	11,571	11,099	48	98 098	2 183,328	26 249,562	12,023	11,551
49	96 484	1 983,765	22 760,554	11,473	11,002	49	97 941	2 013,716	24 066,235	11,951	11,480

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 8,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	1 827,132	20 776,789	11,371	10,900	50	97 770	1 856,994	22 052,519	11,875	11,404
51	95 878	1 682,271	18 949,657	11,264	10,793	51	97 589	1 712,288	20 195,526	11,794	11,323
52	95 523	1 548,308	17 267,386	11,152	10,681	52	97 380	1 578,401	18 483,237	11,710	11,239
53	95 128	1 424,385	15 719,079	11,036	10,564	53	97 153	1 454,706	16 904,836	11,621	11,149
54	94 681	1 309,648	14 294,694	10,915	10,443	54	96 903	1 340,389	15 450,130	11,527	11,055
55	94 177	1 203,405	12 985,045	10,790	10,319	55	96 623	1 234,657	14 109,741	11,428	10,957
56	93 621	1 105,117	11 781,641	10,661	10,190	56	96 310	1 136,859	12 875,084	11,325	10,854
57	93 004	1 014,169	10 676,523	10,527	10,056	57	95 965	1 046,460	11 738,225	11,217	10,746
58	92 322	930,007	9 662,355	10,390	9,918	58	95 588	962,913	10 691,765	11,104	10,632
59	91 569	852,121	8 732,348	10,248	9,776	59	95 173	885,658	9 728,852	10,985	10,513
60	90 750	780,144	7 880,227	10,101	9,630	60	94 725	814,309	8 843,193	10,860	10,388
61	89 858	713,602	7 100,083	9,950	9,478	61	94 225	748,280	8 028,884	10,730	10,258
62	88 886	652,083	6 386,481	9,794	9,323	62	93 689	687,321	7 280,604	10,593	10,121
63	87 825	595,193	5 734,398	9,635	9,163	63	93 115	631,044	6 593,282	10,448	9,977
64	86 685	542,696	5 139,205	9,470	8,998	64	92 486	579,016	5 962,238	10,297	9,826
65	85 449	494,190	4 596,509	9,301	8,830	65	91 795	530,891	5 383,222	10,140	9,669
66	84 132	449,487	4 102,318	9,127	8,655	66	91 063	486,522	4 852,331	9,974	9,502
67	82 734	408,335	3 652,832	8,946	8,474	67	90 265	445,504	4 365,809	9,800	9,328
68	81 246	370,426	3 244,497	8,759	8,287	68	89 410	407,649	3 920,305	9,617	9,145
69	79 687	335,632	2 874,070	8,563	8,092	69	88 474	372,640	3 512,656	9,426	8,955
70	78 006	303,511	2 538,438	8,364	7,892	70	87 452	340,263	3 140,016	9,228	8,757
71	76 266	274,126	2 234,928	8,153	7,681	71	86 350	310,370	2 799,753	9,021	8,549
72	74 387	246,995	1 960,802	7,939	7,467	72	85 167	282,788	2 489,383	8,803	8,332
73	72 439	222,196	1 713,807	7,713	7,242	73	83 905	257,366	2 206,596	8,574	8,102
74	70 357	199,362	1 491,611	7,482	7,011	74	82 528	233,848	1 949,230	8,335	7,864
75	68 170	178,443	1 292,249	7,242	6,770	75	81 055	212,172	1 715,382	8,085	7,613
76	65 878	159,301	1 113,806	6,992	6,520	76	79 496	192,232	1 503,210	7,820	7,348
77	63 429	141,690	954,505	6,737	6,265	77	77 782	173,752	1 310,978	7,545	7,074
78	60 848	125,565	812,815	6,473	6,002	78	75 931	156,690	1 137,226	7,258	6,786
79	58 081	110,721	687,251	6,207	5,736	79	73 847	140,775	980,536	6,965	6,494
80	55 150	97,121	576,530	5,936	5,465	80	71 527	125,961	839,760	6,667	6,195
81	52 038	84,657	479,409	5,663	5,192	81	68 919	112,119	713,799	6,366	5,895
82	48 680	73,158	394,753	5,396	4,924	82	65 978	99,154	601,680	6,068	5,597
83	45 143	62,672	321,594	5,131	4,660	83	62 720	87,074	502,527	5,771	5,300
84	41 466	53,179	258,922	4,869	4,397	84	59 163	75,876	415,452	5,475	5,004
85	37 651	44,607	205,743	4,612	4,141	85	55 308	65,526	339,576	5,182	4,711
86	33 710	36,894	161,136	4,368	3,896	86	51 097	55,924	274,050	4,900	4,429
87	29 742	30,070	124,242	4,132	3,660	87	46 643	47,158	218,126	4,625	4,154
88	25 813	24,109	94,171	3,906	3,435	88	41 981	39,210	170,968	4,360	3,889
89	21 974	18,960	70,062	3,695	3,224	89	37 187	32,085	131,757	4,106	3,635
90	18 346	14,623	51,103	3,495	3,023	90	32 370	25,801	99,672	3,863	3,392
91	15 015	11,056	36,480	3,300	2,828	91	27 597	20,320	73,871	3,635	3,164
92	12 026	8,180	25,424	3,108	2,637	92	22 970	15,624	53,552	3,427	2,956
93	9 316	5,853	17,244	2,946	2,475	93	18 663	11,727	37,927	3,234	2,763
94	7 048	4,091	11,391	2,784	2,313	94	14 763	8,570	26,200	3,057	2,586
95	5 145	2,759	7,300	2,646	2,174	95	11 365	6,094	17,630	2,893	2,421
96	3 652	1,809	4,541	2,510	2,038	96	8 492	4,207	11,536	2,742	2,271
97	2 475	1,133	2,732	2,412	1,941	97	6 067	2,776	7,329	2,640	2,169
98	1 642	0,694	1,599	2,304	1,832	98	4 253	1,798	4,553	2,533	2,061
99	1 049	0,410	0,905	2,208	1,737	99	2 921	1,141	2,756	2,416	1,944
100	647	0,233	0,495	2,123	1,651	100	1 937	0,699	1,615	2,311	1,840

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 8,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 266 226,824	12,662	12,190	0	100 000	100 000,000	1 268 896,085	12,689	12,217
1	99 644	91 837,579	1 166 226,824	12,699	12,227	1	99 699	91 888,908	1 168 896,085	12,721	12,249
2	99 616	84 619,534	1 074 389,245	12,697	12,225	2	99 675	84 669,240	1 077 007,177	12,720	12,248
3	99 601	77 978,179	989 769,711	12,693	12,221	3	99 662	78 026,472	992 337,937	12,718	12,246
4	99 590	71 861,460	911 791,533	12,688	12,216	4	99 652	71 906,383	914 311,465	12,715	12,243
5	99 579	66 224,704	839 930,073	12,683	12,211	5	99 643	66 266,822	842 405,082	12,712	12,241
6	99 569	61 030,462	773 705,369	12,677	12,206	6	99 634	61 069,972	776 138,260	12,709	12,237
7	99 560	56 244,160	712 674,907	12,671	12,199	7	99 625	56 280,709	715 068,288	12,705	12,234
8	99 552	51 833,471	656 430,747	12,664	12,192	8	99 620	51 869,212	658 787,579	12,701	12,229
9	99 543	47 768,699	604 597,276	12,657	12,185	9	99 613	47 802,394	606 918,367	12,696	12,225
10	99 535	44 022,928	556 828,578	12,649	12,177	10	99 607	44 054,811	559 115,974	12,691	12,220
11	99 527	40 570,912	512 805,650	12,640	12,168	11	99 601	40 601,137	515 061,163	12,686	12,214
12	99 520	37 389,652	472 234,738	12,630	12,158	12	99 594	37 417,509	474 460,026	12,680	12,208
13	99 513	34 458,136	434 845,087	12,620	12,148	13	99 586	34 483,476	437 042,517	12,674	12,202
14	99 503	31 755,606	400 386,951	12,608	12,137	14	99 576	31 779,011	402 559,041	12,667	12,196
15	99 490	29 263,869	368 631,345	12,597	12,125	15	99 567	29 286,710	370 780,030	12,660	12,189
16	99 474	26 966,996	339 367,476	12,585	12,113	16	99 555	26 989,076	341 493,320	12,653	12,181
17	99 449	24 848,223	312 400,481	12,572	12,101	17	99 541	24 871,061	314 504,245	12,645	12,174
18	99 422	22 895,296	287 552,257	12,559	12,088	18	99 527	22 919,516	289 633,183	12,637	12,165
19	99 384	21 093,570	264 656,962	12,547	12,075	19	99 507	21 119,816	266 713,667	12,629	12,157
20	99 344	19 433,347	243 563,392	12,533	12,061	20	99 490	19 461,866	245 593,851	12,619	12,147
21	99 301	17 903,184	224 130,045	12,519	12,047	21	99 472	17 933,887	226 131,986	12,609	12,137
22	99 261	16 493,944	206 226,861	12,503	12,031	22	99 455	16 526,203	208 198,098	12,598	12,126
23	99 216	15 194,895	189 732,917	12,487	12,015	23	99 439	15 229,044	191 671,895	12,586	12,114
24	99 175	13 998,776	174 538,023	12,468	11,996	24	99 421	14 033,459	176 442,852	12,573	12,101
25	99 128	12 895,971	160 539,247	12,449	11,977	25	99 403	12 931,736	162 409,393	12,559	12,087
26	99 085	11 880,483	147 643,276	12,427	11,956	26	99 384	11 916,384	149 477,657	12,544	12,072
27	99 039	10 944,729	135 762,793	12,404	11,933	27	99 366	10 980,775	137 561,273	12,527	12,056
28	98 994	10 082,649	124 818,064	12,379	11,908	28	99 344	10 118,352	126 580,498	12,510	12,038
29	98 946	9 288,259	114 735,415	12,353	11,881	29	99 321	9 323,473	116 462,146	12,491	12,019
30	98 894	8 556,141	105 447,156	12,324	11,852	30	99 295	8 590,839	107 138,673	12,471	11,999
31	98 839	7 881,418	96 891,015	12,294	11,822	31	99 264	7 915,313	98 547,834	12,450	11,978
32	98 778	7 259,506	89 009,597	12,261	11,789	32	99 232	7 292,929	90 632,521	12,427	11,956
33	98 715	6 686,547	81 750,091	12,226	11,754	33	99 198	6 719,290	83 339,593	12,403	11,931
34	98 643	6 158,207	75 063,545	12,189	11,717	34	99 163	6 190,663	76 620,303	12,377	11,905
35	98 567	5 671,399	68 905,338	12,150	11,678	35	99 122	5 703,363	70 429,640	12,349	11,877
36	98 488	5 222,902	63 233,939	12,107	11,635	36	99 082	5 254,390	64 726,277	12,319	11,847
37	98 403	4 809,597	58 011,037	12,062	11,590	37	99 036	4 840,535	59 471,887	12,286	11,814
38	98 307	4 428,465	53 201,440	12,014	11,542	38	98 989	4 459,205	54 631,352	12,251	11,780
39	98 202	4 077,177	48 772,974	11,962	11,491	39	98 929	4 107,387	50 172,147	12,215	11,743
40	98 092	3 753,581	44 695,797	11,908	11,436	40	98 870	3 783,335	46 064,760	12,176	11,704
41	97 971	3 455,240	40 942,216	11,849	11,378	41	98 802	3 484,553	42 281,425	12,134	11,662
42	97 840	3 180,305	37 486,977	11,787	11,315	42	98 729	3 209,192	38 796,872	12,089	11,617
43	97 699	2 926,934	34 306,672	11,721	11,249	43	98 651	2 955,433	35 587,679	12,041	11,570
44	97 549	2 693,481	31 379,738	11,650	11,178	44	98 561	2 721,428	32 632,246	11,991	11,519
45	97 374	2 478,008	28 686,257	11,576	11,105	45	98 465	2 505,794	29 910,818	11,937	11,465
46	97 183	2 279,404	26 208,250	11,498	11,026	46	98 352	2 306,827	27 405,024	11,880	11,408
47	96 971	2 096,256	23 928,845	11,415	10,943	47	98 232	2 123,519	25 098,197	11,819	11,347
48	96 741	1 927,458	21 832,590	11,327	10,855	48	98 098	1 954,479	22 974,678	11,755	11,283
49	96 484	1 771,741	19 905,132	11,235	10,763	49	97 941	1 798,491	21 020,199	11,688	11,216

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 8,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	1 628,090	18 133,390	11,138	10,666	50	97 770	1 654,698	19 221,708	11,616	11,145
51	95 878	1 495,555	16 505,301	11,036	10,564	51	97 589	1 522,241	17 567,010	11,540	11,068
52	95 523	1 373,289	15 009,745	10,930	10,458	52	97 380	1 399,981	16 044,769	11,461	10,989
53	95 128	1 260,463	13 636,456	10,819	10,347	53	97 153	1 287,295	14 644,788	11,376	10,905
54	94 681	1 156,260	12 375,993	10,703	10,232	54	96 903	1 183,400	13 357,493	11,287	10,816
55	94 177	1 060,012	11 219,733	10,585	10,113	55	96 623	1 087,541	12 174,093	11,194	10,722
56	93 621	971,193	10 159,720	10,461	9,989	56	96 310	999,089	11 086,552	11,097	10,625
57	93 004	889,213	9 188,527	10,333	9,862	57	95 965	917,525	10 087,463	10,994	10,522
58	92 322	813,542	8 299,314	10,201	9,730	58	95 588	842,327	9 169,938	10,886	10,415
59	91 569	743,692	7 485,772	10,066	9,594	59	95 173	772,962	8 327,611	10,774	10,302
60	90 750	679,305	6 742,080	9,925	9,453	60	94 725	709,054	7 554,649	10,655	10,183
61	89 858	619,932	6 062,775	9,780	9,308	61	94 225	650,058	6 845,595	10,531	10,059
62	88 886	565,183	5 442,843	9,630	9,158	62	93 689	595,726	6 195,536	10,400	9,928
63	87 825	514,686	4 877,660	9,477	9,005	63	93 115	545,688	5 599,811	10,262	9,790
64	86 685	468,208	4 362,974	9,318	8,847	64	92 486	499,544	5 054,123	10,117	9,646
65	85 449	425,378	3 894,766	9,156	8,684	65	91 795	456,968	4 554,579	9,967	9,495
66	84 132	386,008	3 469,387	8,988	8,516	66	91 063	417,812	4 097,611	9,807	9,335
67	82 734	349,860	3 083,380	8,813	8,341	67	90 265	381,706	3 679,799	9,640	9,169
68	81 246	316,648	2 733,520	8,633	8,161	68	89 410	348,467	3 298,092	9,465	8,993
69	79 687	286,244	2 416,872	8,443	7,972	69	88 474	317,807	2 949,625	9,281	8,809
70	78 006	258,253	2 130,628	8,250	7,778	70	87 452	289,525	2 631,819	9,090	8,618
71	76 266	232,713	1 872,374	8,046	7,574	71	86 350	263,481	2 342,294	8,890	8,418
72	74 387	209,197	1 639,662	7,838	7,366	72	85 167	239,513	2 078,813	8,679	8,208
73	72 439	187,760	1 430,464	7,619	7,147	73	83 905	217,479	1 839,300	8,457	7,986
74	70 357	168,076	1 242,705	7,394	6,922	74	82 528	197,151	1 621,821	8,226	7,754
75	68 170	150,093	1 074,628	7,160	6,688	75	81 055	178,464	1 424,670	7,983	7,511
76	65 878	133,684	924,535	6,916	6,444	76	79 496	161,319	1 246,207	7,725	7,253
77	63 429	118,631	790,851	6,666	6,195	77	77 782	145,475	1 084,887	7,458	6,986
78	60 848	104,888	672,220	6,409	5,937	78	75 931	130,888	939,412	7,177	6,705
79	58 081	92,275	567,332	6,148	5,676	79	73 847	117,323	808,525	6,891	6,420
80	55 150	80,754	475,057	5,883	5,411	80	71 527	104,735	691,202	6,600	6,128
81	52 038	70,228	394,303	5,615	5,143	81	68 919	93,010	586,467	6,305	5,834
82	48 680	60,550	324,075	5,352	4,880	82	65 978	82,065	493,457	6,013	5,541
83	45 143	51,752	263,525	5,092	4,620	83	62 720	71,901	411,392	5,722	5,250
84	41 466	43,812	211,774	4,834	4,362	84	59 163	62,510	339,490	5,431	4,959
85	37 651	36,665	167,962	4,581	4,109	85	55 308	53,859	276,980	5,143	4,671
86	33 710	30,255	131,297	4,340	3,868	86	51 097	45,861	223,121	4,865	4,393
87	29 742	24,603	101,042	4,107	3,635	87	46 643	38,583	177,260	4,594	4,122
88	25 813	19,680	76,440	3,884	3,412	88	41 981	32,006	138,677	4,333	3,861
89	21 974	15,441	56,760	3,676	3,204	89	37 187	26,130	106,671	4,082	3,610
90	18 346	11,881	41,320	3,478	3,006	90	32 370	20,964	80,541	3,842	3,370
91	15 015	8,962	29,438	3,285	2,813	91	27 597	16,472	59,577	3,617	3,145
92	12 026	6,616	20,476	3,095	2,623	92	22 970	12,637	43,105	3,411	2,939
93	9 316	4,723	13,860	2,934	2,463	93	18 663	9,463	30,468	3,220	2,748
94	7 048	3,294	9,137	2,774	2,302	94	14 763	6,899	21,005	3,045	2,573
95	5 145	2,216	5,843	2,637	2,165	95	11 365	4,895	14,106	2,882	2,410
96	3 652	1,450	3,627	2,502	2,030	96	8 492	3,371	9,211	2,732	2,261
97	2 475	0,905	2,177	2,405	1,933	97	6 067	2,219	5,840	2,631	2,159
98	1 642	0,554	1,272	2,298	1,826	98	4 253	1,434	3,620	2,525	2,053
99	1 049	0,326	0,718	2,203	1,731	99	2 921	0,908	2,186	2,409	1,937
100	647	0,185	0,392	2,118	1,646	100	1 937	0,555	1,279	2,305	1,833

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 8,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 233 441,679	12,334	11,862	0	100 000	100 000,000	1 235 869,216	12,359	11,887
1	99 644	91 626,458	1 133 441,679	12,370	11,898	1	99 699	91 677,670	1 135 869,216	12,390	11,918
2	99 616	84 230,926	1 041 815,220	12,369	11,896	2	99 675	84 280,404	1 044 191,547	12,389	11,917
3	99 601	77 441,633	957 584,295	12,365	11,893	3	99 662	77 489,594	959 911,143	12,388	11,915
4	99 590	71 202,940	880 142,661	12,361	11,889	4	99 652	71 247,451	882 421,549	12,385	11,913
5	99 579	65 466,992	808 939,721	12,356	11,884	5	99 643	65 508,629	811 174,098	12,383	11,911
6	99 569	60 193,486	743 472,729	12,351	11,879	6	99 634	60 232,454	745 665,469	12,380	11,908
7	99 560	55 345,300	683 279,243	12,346	11,874	7	99 625	55 381,265	685 433,015	12,377	11,904
8	99 552	50 887,846	627 933,944	12,340	11,867	8	99 620	50 922,935	630 051,751	12,373	11,900
9	99 543	46 789,420	577 046,097	12,333	11,861	9	99 613	46 822,424	579 128,816	12,369	11,896
10	99 535	43 021,312	530 256,677	12,325	11,853	10	99 607	43 052,469	532 306,391	12,364	11,892
11	99 527	39 556,692	487 235,366	12,317	11,845	11	99 601	39 586,162	489 253,922	12,359	11,887
12	99 520	36 371,155	447 678,674	12,309	11,836	12	99 594	36 398,253	449 667,760	12,354	11,882
13	99 513	33 442,438	411 307,519	12,299	11,827	13	99 586	33 467,030	413 269,507	12,349	11,876
14	99 503	30 748,718	377 865,082	12,289	11,817	14	99 576	30 771,381	379 802,477	12,343	11,871
15	99 490	28 270,847	347 116,363	12,278	11,806	15	99 567	28 292,914	349 031,096	12,336	11,864
16	99 474	25 992,026	318 845,516	12,267	11,795	16	99 555	26 013,307	320 738,182	12,330	11,858
17	99 449	23 894,798	292 853,490	12,256	11,784	17	99 541	23 916,760	294 724,874	12,323	11,851
18	99 422	21 966,192	268 958,692	12,244	11,772	18	99 527	21 989,429	270 808,114	12,315	11,843
19	99 384	20 191,057	246 992,500	12,233	11,761	19	99 507	20 216,181	248 818,685	12,308	11,836
20	99 344	18 559,106	226 801,443	12,220	11,748	20	99 490	18 586,342	228 602,505	12,299	11,827
21	99 301	17 058,475	208 242,337	12,208	11,735	21	99 472	17 087,730	210 016,163	12,290	11,818
22	99 261	15 679,597	191 183,862	12,193	11,721	22	99 455	15 710,264	192 928,433	12,280	11,808
23	99 216	14 411,479	175 504,265	12,178	11,706	23	99 439	14 443,868	177 218,169	12,269	11,797
24	99 175	13 246,508	161 092,785	12,161	11,689	24	99 421	13 279,327	162 774,302	12,258	11,786
25	99 128	12 174,913	147 846,277	12,144	11,671	25	99 403	12 208,678	149 494,975	12,245	11,773
26	99 085	11 190,420	135 671,365	12,124	11,652	26	99 384	11 224,235	137 286,296	12,231	11,759
27	99 039	10 285,319	124 480,945	12,103	11,631	27	99 366	10 319,194	126 062,061	12,216	11,744
28	98 994	9 453,397	114 195,626	12,080	11,608	28	99 344	9 486,872	115 742,868	12,200	11,728
29	98 946	8 688,564	104 742,229	12,055	11,583	29	99 321	8 721,505	106 255,996	12,183	11,711
30	98 894	7 985,316	96 053,665	12,029	11,557	30	99 295	8 017,699	97 534,491	12,165	11,693
31	98 839	7 338,698	88 068,349	12,001	11,528	31	99 264	7 370,259	89 516,792	12,146	11,673
32	98 778	6 744,072	80 729,651	11,970	11,498	32	99 232	6 775,121	82 146,534	12,125	11,653
33	98 715	6 197,513	73 985,579	11,938	11,466	33	99 198	6 227,862	75 371,412	12,102	11,630
34	98 643	5 694,693	67 788,066	11,904	11,432	34	99 163	5 724,706	69 143,550	12,078	11,606
35	98 567	5 232,470	62 093,373	11,867	11,395	35	99 122	5 261,960	63 418,844	12,052	11,580
36	98 488	4 807,606	56 860,903	11,827	11,355	36	99 082	4 836,590	58 156,883	12,024	11,552
37	98 403	4 416,988	52 053,297	11,785	11,313	37	99 036	4 445,400	53 320,293	11,994	11,522
38	98 307	4 057,618	47 636,309	11,740	11,268	38	98 989	4 085,784	48 874,893	11,962	11,490
39	98 202	3 727,160	43 578,690	11,692	11,220	39	98 929	3 754,776	44 789,109	11,929	11,456
40	98 092	3 423,455	39 851,531	11,641	11,169	40	98 870	3 450,592	41 034,333	11,892	11,420
41	97 971	3 144,109	36 428,075	11,586	11,114	41	98 802	3 170,783	37 583,741	11,853	11,381
42	97 840	2 887,278	33 283,967	11,528	11,056	42	98 729	2 913,504	34 412,958	11,812	11,339
43	97 699	2 651,143	30 396,689	11,466	10,993	43	98 651	2 676,958	31 499,454	11,767	11,295
44	97 549	2 434,079	27 745,545	11,399	10,927	44	98 561	2 459,335	28 822,496	11,720	11,247
45	97 374	2 234,209	25 311,466	11,329	10,857	45	98 465	2 259,262	26 363,162	11,669	11,197
46	97 183	2 050,421	23 077,257	11,255	10,783	46	98 352	2 075,089	24 103,899	11,616	11,144
47	96 971	1 881,336	21 026,835	11,177	10,704	47	98 232	1 905,805	22 028,810	11,559	11,087
48	96 741	1 725,868	19 145,499	11,093	10,621	48	98 098	1 750,063	20 123,006	11,498	11,026
49	96 484	1 582,791	17 419,631	11,006	10,533	49	97 941	1 606,688	18 372,943	11,435	10,963

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 8,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	1 451,115	15 836,840	10,914	10,441	50	97 770	1 474,831	16 766,255	11,368	10,896
51	95 878	1 329,923	14 385,725	10,817	10,345	51	97 589	1 353,654	15 291,424	11,296	10,824
52	95 523	1 218,391	13 055,802	10,716	10,243	52	97 380	1 242,072	13 937,770	11,221	10,749
53	95 128	1 115,720	11 837,411	10,610	10,137	53	97 153	1 139,470	12 695,699	11,142	10,670
54	94 681	1 021,130	10 721,691	10,500	10,028	54	96 903	1 045,099	11 556,228	11,058	10,585
55	94 177	933,979	9 700,561	10,386	9,914	55	96 623	958,234	10 511,130	10,969	10,497
56	93 621	853,753	8 766,582	10,268	9,796	56	96 310	878,275	9 552,896	10,877	10,405
57	93 004	779,889	7 912,829	10,146	9,674	57	95 965	804,720	8 674,621	10,780	10,307
58	92 322	711,881	7 132,940	10,020	9,548	58	95 588	737,069	7 869,900	10,677	10,205
59	91 569	649,264	6 421,060	9,890	9,418	59	95 173	674,817	7 132,831	10,570	10,098
60	90 750	591,688	5 771,796	9,755	9,283	60	94 725	617,601	6 458,014	10,457	9,984
61	89 858	538,732	5 180,107	9,615	9,143	61	94 225	564,913	5 840,413	10,339	9,866
62	88 886	490,025	4 641,375	9,472	9,000	62	93 689	516,506	5 275,501	10,214	9,742
63	87 825	445,217	4 151,350	9,324	8,852	63	93 115	472,035	4 758,995	10,082	9,610
64	86 685	404,082	3 706,133	9,172	8,700	64	92 486	431,126	4 286,960	9,944	9,471
65	85 449	366,274	3 302,051	9,015	8,543	65	91 795	393,475	3 855,834	9,799	9,327
66	84 132	331,610	2 935,777	8,853	8,381	66	91 063	358,932	3 462,360	9,646	9,174
67	82 734	299,865	2 604,167	8,684	8,212	67	90 265	327,161	3 103,427	9,486	9,014
68	81 246	270,775	2 304,302	8,510	8,038	68	89 410	297,985	2 776,267	9,317	8,845
69	79 687	244,213	2 033,527	8,327	7,855	69	88 474	271,141	2 478,282	9,140	8,668
70	78 006	219,826	1 789,314	8,140	7,668	70	87 452	246,444	2 207,141	8,956	8,484
71	76 266	197,630	1 569,488	7,942	7,469	71	86 350	223,760	1 960,697	8,762	8,290
72	74 387	177,251	1 371,857	7,740	7,267	72	85 167	202,937	1 736,936	8,559	8,087
73	72 439	158,722	1 194,606	7,526	7,054	73	83 905	183,845	1 533,999	8,344	7,872
74	70 357	141,756	1 035,884	7,308	6,835	74	82 528	166,278	1 350,154	8,120	7,648
75	68 170	126,298	894,128	7,079	6,607	75	81 055	150,171	1 183,876	7,884	7,411
76	65 878	112,232	767,830	6,841	6,369	76	79 496	135,432	1 033,706	7,633	7,160
77	63 429	99,365	655,598	6,598	6,126	77	77 782	121,850	898,273	7,372	6,900
78	60 848	87,652	556,233	6,346	5,874	78	75 931	109,379	776,424	7,098	6,626
79	58 081	76,935	468,581	6,091	5,618	79	73 847	97,818	667,044	6,819	6,347
80	55 150	67,174	391,646	5,830	5,358	80	71 527	87,122	569,226	6,534	6,061
81	52 038	58,284	324,472	5,567	5,095	81	68 919	77,191	482,104	6,246	5,773
82	48 680	50,136	266,188	5,309	4,837	82	65 978	67,951	404,913	5,959	5,487
83	45 143	42,753	216,052	5,054	4,581	83	62 720	59,399	336,961	5,673	5,201
84	41 466	36,110	173,299	4,799	4,327	84	59 163	51,522	277,563	5,387	4,915
85	37 651	30,150	137,189	4,550	4,078	85	55 308	44,289	226,041	5,104	4,632
86	33 710	24,822	107,039	4,312	3,840	86	51 097	37,626	181,751	4,831	4,358
87	29 742	20,138	82,217	4,083	3,610	87	46 643	31,582	144,126	4,564	4,091
88	25 813	16,072	62,079	3,863	3,390	88	41 981	26,138	112,544	4,306	3,834
89	21 974	12,581	46,007	3,657	3,185	89	37 187	21,290	86,406	4,058	3,586
90	18 346	9,658	33,426	3,461	2,989	90	32 370	17,042	65,115	3,821	3,349
91	15 015	7,269	23,768	3,270	2,798	91	27 597	13,360	48,073	3,598	3,126
92	12 026	5,353	16,499	3,082	2,610	92	22 970	10,225	34,714	3,395	2,923
93	9 316	3,813	11,146	2,923	2,451	93	18 663	7,640	24,489	3,205	2,733
94	7 048	2,653	7,333	2,764	2,292	94	14 763	5,557	16,849	3,032	2,560
95	5 145	1,781	4,680	2,628	2,156	95	11 365	3,934	11,292	2,871	2,398
96	3 652	1,162	2,899	2,494	2,022	96	8 492	2,703	7,358	2,722	2,250
97	2 475	0,724	1,737	2,398	1,926	97	6 067	1,775	4,656	2,622	2,150
98	1 642	0,442	1,012	2,291	1,819	98	4 253	1,144	2,880	2,517	2,045
99	1 049	0,260	0,571	2,197	1,725	99	2 921	0,723	1,736	2,401	1,929
100	647	0,147	0,311	2,113	1,640	100	1 937	0,441	1,013	2,299	1,826

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 9 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 202 411,604	12,024	11,552	0	100 000	100 000,000	1 204 627,531	12,046	11,574
1	99 644	91 416,306	1 102 411,604	12,059	11,587	1	99 699	91 467,400	1 104 627,531	12,077	11,604
2	99 616	83 844,988	1 010 995,298	12,058	11,585	2	99 675	83 894,240	1 013 160,131	12,077	11,604
3	99 601	76 909,999	927 150,310	12,055	11,582	3	99 662	76 957,631	929 265,892	12,075	11,602
4	99 590	70 551,946	850 240,310	12,051	11,579	4	99 652	70 596,050	852 308,261	12,073	11,600
5	99 579	64 719,660	779 688,365	12,047	11,575	5	99 643	64 760,821	781 712,210	12,071	11,598
6	99 569	59 369,870	714 968,705	12,043	11,570	6	99 634	59 408,305	716 951,389	12,068	11,596
7	99 560	54 462,819	655 598,835	12,038	11,565	7	99 625	54 498,211	657 543,084	12,065	11,593
8	99 552	49 961,585	601 136,015	12,032	11,559	8	99 620	49 996,036	603 044,874	12,062	11,589
9	99 543	45 832,397	551 174,430	12,026	11,553	9	99 613	45 864,726	553 048,838	12,058	11,586
10	99 535	42 044,706	505 342,033	12,019	11,547	10	99 607	42 075,157	507 184,112	12,054	11,582
11	99 527	38 570,069	463 297,327	12,012	11,539	11	99 601	38 598,803	465 108,955	12,050	11,577
12	99 520	35 382,645	424 727,258	12,004	11,531	12	99 594	35 409,008	426 510,152	12,045	11,573
13	99 513	32 458,908	389 344,612	11,995	11,522	13	99 586	32 482,777	391 101,144	12,040	11,568
14	99 503	29 775,959	356 885,704	11,986	11,513	14	99 576	29 797,905	358 618,367	12,035	11,562
15	99 490	27 313,688	327 109,745	11,976	11,503	15	99 567	27 335,007	328 820,462	12,029	11,557
16	99 474	25 054,423	299 796,057	11,966	11,493	16	99 555	25 074,937	301 485,454	12,023	11,551
17	99 449	22 980,021	274 741,634	11,956	11,483	17	99 541	23 001,142	276 410,517	12,017	11,545
18	99 422	21 076,796	251 761,613	11,945	11,472	18	99 527	21 099,092	253 409,375	12,010	11,538
19	99 384	19 329,100	230 684,817	11,935	11,462	19	99 507	19 353,151	232 310,283	12,004	11,531
20	99 344	17 726,068	211 355,717	11,923	11,451	20	99 490	17 752,081	212 957,132	11,996	11,524
21	99 301	16 255,425	193 629,649	11,912	11,439	21	99 472	16 283,302	195 205,050	11,988	11,515
22	99 261	14 907,190	177 374,224	11,899	11,426	22	99 455	14 936,346	178 921,748	11,979	11,506
23	99 216	13 670,117	162 467,034	11,885	11,412	23	99 439	13 700,839	163 985,402	11,969	11,496
24	99 175	12 536,255	148 796,917	11,869	11,397	24	99 421	12 567,315	150 284,563	11,958	11,486
25	99 128	11 495,690	136 260,662	11,853	11,381	25	99 403	11 527,572	137 717,249	11,947	11,474
26	99 085	10 541,886	124 764,972	11,835	11,363	26	99 384	10 573,742	126 189,677	11,934	11,462
27	99 039	9 667,017	114 223,085	11,816	11,343	27	99 366	9 698,855	115 615,934	11,921	11,448
28	98 994	8 864,727	104 556,068	11,795	11,322	28	99 344	8 896,118	105 917,079	11,906	11,433
29	98 946	8 128,834	95 691,340	11,772	11,299	29	99 321	8 159,653	97 020,961	11,890	11,418
30	98 894	7 453,756	87 562,506	11,747	11,275	30	99 295	7 483,983	88 861,308	11,874	11,401
31	98 839	6 834,469	80 108,750	11,721	11,249	31	99 264	6 863,862	81 377,326	11,856	11,383
32	98 778	6 266,294	73 274,281	11,693	11,221	32	99 232	6 295,144	74 513,464	11,837	11,364
33	98 715	5 745,248	67 007,988	11,663	11,191	33	99 198	5 773,382	68 218,320	11,816	11,343
34	98 643	5 267,013	61 262,739	11,631	11,159	34	99 163	5 294,772	62 444,938	11,794	11,321
35	98 567	4 828,404	55 995,726	11,597	11,125	35	99 122	4 855,617	57 150,165	11,770	11,297
36	98 488	4 426,175	51 167,322	11,560	11,088	36	99 082	4 452,859	52 294,548	11,744	11,271
37	98 403	4 057,221	46 741,147	11,520	11,048	37	99 036	4 083,319	47 841,689	11,716	11,244
38	98 307	3 718,574	42 683,927	11,479	11,006	38	98 989	3 744,386	43 758,371	11,686	11,214
39	98 202	3 407,893	38 965,353	11,434	10,961	39	98 929	3 433,144	40 013,985	11,655	11,183
40	98 092	3 123,024	35 557,460	11,386	10,913	40	98 870	3 147,780	36 580,841	11,621	11,149
41	97 971	2 861,614	32 434,436	11,334	10,862	41	98 802	2 885,891	33 433,061	11,585	11,112
42	97 840	2 621,832	29 572,822	11,279	10,807	42	98 729	2 645,647	30 547,170	11,546	11,074
43	97 699	2 401,885	26 950,990	11,221	10,748	43	98 651	2 425,272	27 901,523	11,504	11,032
44	97 549	2 200,171	24 549,105	11,158	10,685	44	98 561	2 223,000	25 476,251	11,460	10,988
45	97 374	2 014,876	22 348,934	11,092	10,619	45	98 465	2 037,470	23 253,251	11,413	10,940
46	97 183	1 844,890	20 334,057	11,022	10,549	46	98 352	1 867,085	21 215,781	11,363	10,890
47	96 971	1 688,871	18 489,167	10,948	10,475	47	98 232	1 710,836	19 348,696	11,309	10,837
48	96 741	1 545,754	16 800,296	10,869	10,396	48	98 098	1 567,424	17 637,860	11,253	10,780
49	96 484	1 414,357	15 254,542	10,785	10,313	49	97 941	1 435,711	16 070,436	11,193	10,721

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 9 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	1 293,720	13 840,185	10,698	10,225	50	97 770	1 314,864	14 634,725	11,130	10,658
51	95 878	1 182,954	12 546,465	10,606	10,133	51	97 589	1 204,062	13 319,861	11,062	10,590
52	95 523	1 081,261	11 363,511	10,510	10,037	52	97 380	1 102,277	12 115,800	10,992	10,519
53	95 128	987,875	10 282,250	10,408	9,936	53	97 153	1 008,904	11 013,523	10,916	10,444
54	94 681	902,050	9 294,375	10,304	9,831	54	96 903	923,223	10 004,619	10,837	10,364
55	94 177	823,169	8 392,325	10,195	9,723	55	96 623	844,547	9 081,396	10,753	10,280
56	93 621	750,736	7 569,156	10,082	9,610	56	96 310	772,299	8 236,849	10,665	10,193
57	93 004	684,212	6 818,420	9,965	9,493	57	95 965	705,997	7 464,550	10,573	10,101
58	92 322	623,114	6 134,209	9,844	9,372	58	95 588	645,162	6 758,553	10,476	10,003
59	91 569	567,002	5 511,094	9,720	9,247	59	95 173	589,317	6 113,391	10,374	9,901
60	90 750	515,536	4 944,093	9,590	9,118	60	94 725	538,114	5 524,074	10,266	9,793
61	89 858	468,319	4 428,556	9,456	8,984	61	94 225	491,078	4 985,960	10,153	9,681
62	88 886	425,001	3 960,237	9,318	8,846	62	93 689	447,968	4 494,883	10,034	9,561
63	87 825	385,253	3 535,236	9,176	8,704	63	93 115	408,459	4 046,915	9,908	9,435
64	86 685	348,856	3 149,983	9,029	8,557	64	92 486	372,204	3 638,456	9,775	9,303
65	85 449	315,490	2 801,127	8,879	8,406	65	91 795	338,920	3 266,252	9,637	9,165
66	84 132	284,977	2 485,636	8,722	8,250	66	91 063	308,457	2 927,332	9,490	9,018
67	82 734	257,105	2 200,659	8,559	8,087	67	90 265	280,509	2 618,875	9,336	8,864
68	81 246	231,631	1 943,554	8,391	7,918	68	89 410	254,907	2 338,366	9,173	8,701
69	79 687	208,430	1 711,923	8,213	7,741	69	88 474	231,412	2 083,459	9,003	8,531
70	78 006	187,186	1 503,493	8,032	7,560	70	87 452	209,852	1 852,047	8,825	8,353
71	76 266	167,900	1 316,307	7,840	7,367	71	86 350	190,099	1 642,195	8,639	8,166
72	74 387	150,241	1 148,407	7,644	7,171	72	85 167	172,013	1 452,096	8,442	7,969
73	72 439	134,227	998,166	7,436	6,964	73	83 905	155,472	1 280,083	8,234	7,761
74	70 357	119,604	863,939	7,223	6,751	74	82 528	140,294	1 124,611	8,016	7,544
75	68 170	106,318	744,335	7,001	6,529	75	81 055	126,413	984,317	7,786	7,314
76	65 878	94,260	638,018	6,769	6,296	76	79 496	113,745	857,903	7,542	7,070
77	63 429	83,262	543,758	6,531	6,058	77	77 782	102,103	744,158	7,288	6,816
78	60 848	73,279	460,496	6,284	5,812	78	75 931	91,443	642,056	7,021	6,549
79	58 081	64,171	387,217	6,034	5,562	79	73 847	81,590	550,612	6,749	6,276
80	55 150	55,902	323,046	5,779	5,306	80	71 527	72,502	469,022	6,469	5,997
81	52 038	48,392	267,145	5,520	5,048	81	68 919	64,090	396,520	6,187	5,714
82	48 680	41,531	218,752	5,267	4,795	82	65 978	56,289	332,430	5,906	5,433
83	45 143	35,334	177,221	5,016	4,543	83	62 720	49,092	276,141	5,625	5,152
84	41 466	29,776	141,887	4,765	4,293	84	59 163	42,484	227,049	5,344	4,872
85	37 651	24,804	112,111	4,520	4,047	85	55 308	36,436	184,565	5,065	4,593
86	33 710	20,374	87,307	4,285	3,813	86	51 097	30,883	148,129	4,796	4,324
87	29 742	16,492	66,933	4,059	3,586	87	46 643	25,863	117,246	4,533	4,061
88	25 813	13,131	50,442	3,841	3,369	88	41 981	21,356	91,383	4,279	3,806
89	21 974	10,256	37,311	3,638	3,166	89	37 187	17,355	70,027	4,035	3,562
90	18 346	7,855	27,055	3,444	2,972	90	32 370	13,860	52,671	3,800	3,328
91	15 015	5,898	19,200	3,255	2,783	91	27 597	10,840	38,811	3,580	3,108
92	12 026	4,334	13,302	3,069	2,597	92	22 970	8,278	27,971	3,379	2,906
93	9 316	3,080	8,968	2,912	2,439	93	18 663	6,171	19,693	3,191	2,719
94	7 048	2,138	5,888	2,754	2,282	94	14 763	4,478	13,522	3,020	2,547
95	5 145	1,432	3,750	2,619	2,147	95	11 365	3,163	9,044	2,860	2,387
96	3 652	0,932	2,318	2,486	2,014	96	8 492	2,168	5,882	2,713	2,240
97	2 475	0,580	1,386	2,391	1,918	97	6 067	1,421	3,713	2,613	2,141
98	1 642	0,353	0,806	2,285	1,812	98	4 253	0,914	2,293	2,509	2,036
99	1 049	0,207	0,453	2,191	1,719	99	2 921	0,576	1,379	2,394	1,922
100	647	0,117	0,246	2,108	1,635	100	1 937	0,350	0,803	2,292	1,820

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 9,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 173 003,581	11,730	11,257	0	100 000	100 000,000	1 175 033,744	11,750	11,277
1	99 644	91 207,115	1 073 003,581	11,764	11,292	1	99 699	91 258,092	1 075 033,744	11,780	11,307
2	99 616	83 461,697	981 796,466	11,763	11,291	2	99 675	83 510,724	983 775,652	11,780	11,307
3	99 601	76 383,220	898 334,768	11,761	11,288	3	99 662	76 430,526	900 264,928	11,779	11,306
4	99 590	69 908,375	821 951,548	11,758	11,285	4	99 652	69 952,077	823 834,402	11,777	11,304
5	99 579	63 982,542	752 043,174	11,754	11,281	5	99 643	64 023,234	753 882,325	11,775	11,302
6	99 569	58 559,372	688 060,632	11,750	11,277	6	99 634	58 597,282	689 859,091	11,773	11,300
7	99 560	53 596,383	629 501,259	11,745	11,272	7	99 625	53 631,212	631 261,809	11,770	11,297
8	99 552	49 054,249	575 904,876	11,740	11,267	8	99 620	49 088,073	577 630,597	11,767	11,294
9	99 543	44 897,074	526 850,627	11,735	11,262	9	99 613	44 928,744	528 542,524	11,764	11,291
10	99 535	41 092,432	481 953,553	11,729	11,256	10	99 607	41 122,193	483 613,780	11,760	11,287
11	99 527	37 610,230	440 861,121	11,722	11,249	11	99 601	37 638,249	442 491,587	11,756	11,283
12	99 520	34 423,175	403 250,891	11,715	11,242	12	99 594	34 448,823	404 853,338	11,752	11,279
13	99 513	31 506,458	368 827,716	11,706	11,233	13	99 586	31 529,627	370 404,515	11,748	11,275
14	99 503	28 836,098	337 321,258	11,698	11,225	14	99 576	28 857,352	338 874,888	11,743	11,270
15	99 490	26 391,017	308 485,159	11,689	11,216	15	99 567	26 411,616	310 017,537	11,738	11,265
16	99 474	24 152,676	282 094,142	11,680	11,207	16	99 555	24 172,451	283 605,920	11,733	11,260
17	99 449	22 102,241	257 941,467	11,670	11,197	17	99 541	22 122,555	259 433,469	11,727	11,254
18	99 422	20 225,326	235 839,226	11,661	11,188	18	99 527	20 246,721	237 310,914	11,721	11,248
19	99 384	18 505,790	215 613,900	11,651	11,178	19	99 507	18 528,817	217 064,193	11,715	11,242
20	99 344	16 932,202	197 108,110	11,641	11,168	20	99 490	16 957,051	198 535,376	11,708	11,235
21	99 301	15 491,891	180 175,907	11,630	11,157	21	99 472	15 518,459	181 578,325	11,701	11,228
22	99 261	14 174,474	164 684,016	11,618	11,145	22	99 455	14 202,196	166 059,866	11,693	11,220
23	99 216	12 968,461	150 509,543	11,606	11,133	23	99 439	12 997,606	151 857,670	11,684	11,211
24	99 175	11 865,583	137 541,082	11,592	11,119	24	99 421	11 894,981	138 860,064	11,674	11,201
25	99 128	10 855,788	125 675,499	11,577	11,104	25	99 403	10 885,895	126 965,083	11,663	11,190
26	99 085	9 932,297	114 819,711	11,560	11,087	26	99 384	9 962,311	116 079,188	11,652	11,179
27	99 039	9 087,175	104 887,414	11,542	11,069	27	99 366	9 117,104	106 116,877	11,639	11,166
28	98 994	8 313,939	95 800,239	11,523	11,050	28	99 344	8 343,379	96 999,773	11,626	11,153
29	98 946	7 606,323	87 486,299	11,502	11,029	29	99 321	7 635,161	88 656,394	11,612	11,139
30	98 894	6 958,678	79 879,976	11,479	11,006	30	99 295	6 986,897	81 021,233	11,596	11,123
31	98 839	6 365,923	72 921,298	11,455	10,982	31	99 264	6 393,301	74 034,336	11,580	11,107
32	98 778	5 823,343	66 555,375	11,429	10,956	32	99 232	5 850,154	67 641,035	11,562	11,089
33	98 715	5 326,912	60 732,031	11,401	10,928	33	99 198	5 352,998	61 790,881	11,543	11,070
34	98 643	4 872,324	55 405,119	11,371	10,898	34	99 163	4 898,003	56 437,883	11,523	11,050
35	98 567	4 456,362	50 532,795	11,339	10,867	35	99 122	4 481,478	51 539,880	11,501	11,028
36	98 488	4 075,777	46 076,433	11,305	10,832	36	99 082	4 100,349	47 058,402	11,477	11,004
37	98 403	3 727,482	42 000,656	11,268	10,795	37	99 036	3 751,459	42 958,053	11,451	10,978
38	98 307	3 408,540	38 273,174	11,229	10,756	38	98 989	3 432,200	39 206,594	11,423	10,950
39	98 202	3 116,614	34 864,634	11,187	10,714	39	98 929	3 139,706	35 774,394	11,394	10,921
40	98 092	2 849,558	31 748,020	11,141	10,668	40	98 870	2 872,146	32 634,688	11,362	10,890
41	97 971	2 605,063	28 898,463	11,093	10,620	41	98 802	2 627,164	29 762,542	11,329	10,856
42	97 840	2 381,316	26 293,400	11,042	10,569	42	98 729	2 402,946	27 135,379	11,293	10,820
43	97 699	2 176,554	23 912,084	10,986	10,513	43	98 651	2 197,747	24 732,433	11,254	10,781
44	97 549	1 989,202	21 735,530	10,927	10,454	44	98 561	2 009,841	22 534,685	11,212	10,739
45	97 374	1 817,506	19 746,328	10,865	10,392	45	98 465	1 837,886	20 524,844	11,168	10,695
46	97 183	1 660,362	17 928,823	10,798	10,325	46	98 352	1 680,337	18 686,958	11,121	10,648
47	96 971	1 516,471	16 268,460	10,728	10,255	47	98 232	1 536,193	17 006,621	11,071	10,598
48	96 741	1 384,787	14 751,990	10,653	10,180	48	98 098	1 404,200	15 470,427	11,017	10,544
49	96 484	1 264,174	13 367,203	10,574	10,101	49	97 941	1 283,260	14 066,227	10,961	10,488

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 9,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	1 153,700	12 103,029	10,491	10,018	50	97 770	1 172,555	12 782,967	10,902	10,429
51	95 878	1 052,508	10 949,329	10,403	9,930	51	97 589	1 071,288	11 610,412	10,838	10,365
52	95 523	959,828	9 896,821	10,311	9,838	52	97 380	978,483	10 539,124	10,771	10,298
53	95 128	874,923	8 936,994	10,215	9,742	53	97 153	893,547	9 560,641	10,700	10,227
54	94 681	797,083	8 062,071	10,114	9,642	54	96 903	815,792	8 667,093	10,624	10,151
55	94 177	725,716	7 264,988	10,011	9,538	55	96 623	744,563	7 851,301	10,545	10,072
56	93 621	660,344	6 539,272	9,903	9,430	56	96 310	679,311	7 106,738	10,462	9,989
57	93 004	600,452	5 878,928	9,791	9,318	57	95 965	619,571	6 427,427	10,374	9,901
58	92 322	545,583	5 278,476	9,675	9,202	58	95 588	564,887	5 807,857	10,281	9,809
59	91 569	495,316	4 732,893	9,555	9,082	59	95 173	514,810	5 242,969	10,184	9,711
60	90 750	449,327	4 237,577	9,431	8,958	60	94 725	469,005	4 728,159	10,081	9,608
61	89 858	407,240	3 788,250	9,302	8,829	61	94 225	427,030	4 259,154	9,974	9,501
62	88 886	368,726	3 381,010	9,169	8,697	62	93 689	388,652	3 832,125	9,860	9,387
63	87 825	333,476	3 012,285	9,033	8,560	63	93 115	353,563	3 443,473	9,739	9,266
64	86 685	301,280	2 678,809	8,891	8,418	64	92 486	321,443	3 089,910	9,613	9,140
65	85 449	271,841	2 377,529	8,746	8,273	65	91 795	292,028	2 768,467	9,480	9,007
66	84 132	244,987	2 105,688	8,595	8,122	66	91 063	265,172	2 476,439	9,339	8,866
67	82 734	220,521	1 860,701	8,438	7,965	67	90 265	240,594	2 211,266	9,191	8,718
68	81 246	198,217	1 640,180	8,275	7,802	68	89 410	218,135	1 970,672	9,034	8,561
69	79 687	177,954	1 441,963	8,103	7,630	69	88 474	197,576	1 752,537	8,870	8,397
70	78 006	159,451	1 264,009	7,927	7,454	70	87 452	178,758	1 554,961	8,699	8,226
71	76 266	142,695	1 104,558	7,741	7,268	71	86 350	161,562	1 376,202	8,518	8,045
72	74 387	127,395	961,863	7,550	7,077	72	85 167	145,856	1 214,640	8,328	7,855
73	72 439	113,556	834,468	7,349	6,876	73	83 905	131,529	1 068,784	8,126	7,653
74	70 357	100,953	720,913	7,141	6,668	74	82 528	118,417	937,255	7,915	7,442
75	68 170	89,533	619,959	6,924	6,451	75	81 055	106,456	818,838	7,692	7,219
76	65 878	79,197	530,426	6,698	6,225	76	79 496	95,569	712,382	7,454	6,981
77	63 429	69,797	451,229	6,465	5,992	77	77 782	85,591	616,813	7,207	6,734
78	60 848	61,287	381,432	6,224	5,751	78	75 931	76,480	531,222	6,946	6,473
79	58 081	53,548	320,145	5,979	5,506	79	73 847	68,083	454,743	6,679	6,206
80	55 150	46,540	266,597	5,728	5,255	80	71 527	60,361	386,660	6,406	5,933
81	52 038	40,196	220,057	5,475	5,002	81	68 919	53,235	326,299	6,129	5,656
82	48 680	34,418	179,861	5,226	4,753	82	65 978	46,649	273,064	5,854	5,381
83	45 143	29,215	145,443	4,978	4,505	83	62 720	40,591	226,415	5,578	5,105
84	41 466	24,563	116,227	4,732	4,259	84	59 163	35,047	185,824	5,302	4,829
85	37 651	20,415	91,664	4,490	4,017	85	55 308	29,989	150,778	5,028	4,555
86	33 710	16,731	71,249	4,259	3,786	86	51 097	25,360	120,788	4,763	4,290
87	29 742	13,511	54,518	4,035	3,562	87	46 643	21,189	95,428	4,504	4,031
88	25 813	10,734	41,007	3,820	3,347	88	41 981	17,457	74,239	4,253	3,780
89	21 974	8,364	30,273	3,620	3,147	89	37 187	14,154	56,782	4,012	3,539
90	18 346	6,392	21,909	3,428	2,955	90	32 370	11,278	42,628	3,780	3,307
91	15 015	4,788	15,518	3,241	2,768	91	27 597	8,800	31,350	3,562	3,089
92	12 026	3,510	10,729	3,057	2,584	92	22 970	6,705	22,550	3,363	2,890
93	9 316	2,489	7,219	2,900	2,428	93	18 663	4,987	15,845	3,178	2,705
94	7 048	1,724	4,730	2,744	2,271	94	14 763	3,610	10,858	3,007	2,535
95	5 145	1,152	3,007	2,610	2,138	95	11 365	2,544	7,248	2,849	2,376
96	3 652	0,748	1,855	2,479	2,006	96	8 492	1,740	4,704	2,703	2,230
97	2 475	0,464	1,106	2,384	1,911	97	6 067	1,138	2,964	2,605	2,132
98	1 642	0,282	0,642	2,279	1,806	98	4 253	0,730	1,826	2,501	2,028
99	1 049	0,165	0,360	2,186	1,713	99	2 921	0,459	1,096	2,387	1,914
100	647	0,093	0,196	2,103	1,630	100	1 937	0,279	0,637	2,286	1,813

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 9,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 145 097,197	11,451	10,978	0	100 000	100 000,000	1 146 963,826	11,470	10,996
1	99 644	90 998,880	1 045 097,197	11,485	11,011	1	99 699	91 049,740	1 046 963,826	11,499	11,026
2	99 616	83 081,029	954 098,317	11,484	11,011	2	99 675	83 129,831	955 914,086	11,499	11,026
3	99 601	75 861,241	871 017,288	11,482	11,008	3	99 662	75 908,223	872 784,255	11,498	11,025
4	99 590	69 272,125	795 156,047	11,479	11,005	4	99 652	69 315,429	796 876,031	11,496	11,023
5	99 579	63 255,475	725 883,922	11,475	11,002	5	99 643	63 295,705	727 560,602	11,495	11,021
6	99 569	57 761,754	662 628,447	11,472	10,998	6	99 634	57 799,147	664 264,897	11,493	11,019
7	99 560	52 745,665	604 866,693	11,468	10,994	7	99 625	52 779,940	606 465,749	11,490	11,017
8	99 552	48 165,408	552 121,028	11,463	10,990	8	99 620	48 198,619	553 685,809	11,488	11,014
9	99 543	43 982,912	503 955,620	11,458	10,985	9	99 613	44 013,937	505 487,190	11,485	11,011
10	99 535	40 163,829	459 972,708	11,452	10,979	10	99 607	40 192,917	461 473,253	11,481	11,008
11	99 527	36 676,390	419 808,879	11,446	10,973	11	99 601	36 703,713	421 280,336	11,478	11,005
12	99 520	33 491,828	383 132,489	11,440	10,966	12	99 594	33 516,781	384 576,622	11,474	11,001
13	99 513	30 584,038	349 640,662	11,432	10,959	13	99 586	30 606,529	351 059,841	11,470	10,997
14	99 503	27 927,950	319 056,624	11,424	10,951	14	99 576	27 948,535	320 453,312	11,466	10,993
15	99 490	25 501,517	291 128,673	11,416	10,943	15	99 567	25 521,422	292 504,778	11,461	10,988
16	99 474	23 285,334	265 627,156	11,407	10,934	16	99 555	23 304,399	266 983,356	11,456	10,983
17	99 449	21 259,883	242 341,822	11,399	10,926	17	99 541	21 279,423	243 678,956	11,451	10,978
18	99 422	19 410,083	221 081,939	11,390	10,917	18	99 527	19 430,617	222 399,534	11,446	10,973
19	99 384	17 719,311	201 671,856	11,381	10,908	19	99 507	17 741,359	202 968,917	11,440	10,967
20	99 344	16 175,584	183 952,544	11,372	10,899	20	99 490	16 199,323	185 227,558	11,434	10,961
21	99 301	14 765,844	167 776,960	11,363	10,889	21	99 472	14 791,167	169 028,235	11,428	10,954
22	99 261	13 479,324	153 011,116	11,352	10,878	22	99 455	13 505,688	154 237,068	11,420	10,947
23	99 216	12 304,301	139 531,791	11,340	10,867	23	99 439	12 331,953	140 731,381	11,412	10,939
24	99 175	11 232,202	127 227,491	11,327	10,854	24	99 421	11 260,031	128 399,427	11,403	10,930
25	99 128	10 252,848	115 995,288	11,313	10,840	25	99 403	10 281,283	117 139,396	11,393	10,920
26	99 085	9 359,231	105 742,440	11,298	10,825	26	99 384	9 387,513	106 858,114	11,383	10,910
27	99 039	8 543,321	96 383,209	11,282	10,808	27	99 366	8 571,458	97 470,600	11,372	10,898
28	98 994	7 798,516	87 839,888	11,264	10,790	28	99 344	7 826,131	88 899,142	11,359	10,886
29	98 946	7 118,480	80 041,372	11,244	10,771	29	99 321	7 145,468	81 073,011	11,346	10,873
30	98 894	6 497,504	72 922,892	11,223	10,750	30	99 295	6 523,853	73 927,543	11,332	10,859
31	98 839	5 930,462	66 425,388	11,201	10,727	31	99 264	5 955,967	67 403,690	11,317	10,844
32	98 778	5 412,611	60 494,926	11,177	10,703	32	99 232	5 437,531	61 447,723	11,301	10,827
33	98 715	4 939,890	55 082,315	11,151	10,677	33	99 198	4 964,081	56 010,192	11,283	10,810
34	98 643	4 508,015	50 142,425	11,123	10,650	34	99 163	4 531,773	51 046,112	11,264	10,791
35	98 567	4 113,740	45 634,410	11,093	10,620	35	99 122	4 136,926	46 514,338	11,244	10,770
36	98 488	3 753,826	41 520,670	11,061	10,588	36	99 082	3 776,457	42 377,413	11,221	10,748
37	98 403	3 425,206	37 766,844	11,026	10,553	37	99 036	3 447,238	38 600,956	11,198	10,724
38	98 307	3 124,977	34 341,638	10,989	10,516	38	98 989	3 146,668	35 153,718	11,172	10,698
39	98 202	2 850,813	31 216,661	10,950	10,477	39	98 929	2 871,936	32 007,049	11,145	10,671
40	98 092	2 600,582	28 365,849	10,908	10,434	40	98 870	2 621,196	29 135,113	11,115	10,642
41	97 971	2 372,021	25 765,267	10,862	10,389	41	98 802	2 392,145	26 513,917	11,084	10,610
42	97 840	2 163,340	23 393,246	10,813	10,340	42	98 729	2 182,990	24 121,772	11,050	10,577
43	97 699	1 972,807	21 229,906	10,761	10,288	43	98 651	1 992,016	21 938,782	11,013	10,540
44	97 549	1 798,876	19 257,099	10,705	10,232	44	98 561	1 817,541	19 946,766	10,975	10,501
45	97 374	1 639,855	17 458,223	10,646	10,173	45	98 465	1 658,243	18 129,226	10,933	10,459
46	97 183	1 494,651	15 818,368	10,583	10,110	46	98 352	1 512,633	16 470,982	10,889	10,416
47	96 971	1 362,004	14 323,717	10,517	10,043	47	98 232	1 379,718	14 958,350	10,842	10,368
48	96 741	1 240,894	12 961,713	10,445	9,972	48	98 098	1 258,290	13 578,632	10,791	10,318
49	96 484	1 130,227	11 720,819	10,370	9,897	49	97 941	1 147,291	12 320,342	10,739	10,265

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 9,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	1 029,104	10 590,592	10,291	9,818	50	97 770	1 045,923	11 173,051	10,682	10,209
51	95 878	936,697	9 561,489	10,208	9,734	51	97 589	953,411	10 127,128	10,622	10,149
52	95 523	852,264	8 624,792	10,120	9,647	52	97 380	868,829	9 173,718	10,559	10,085
53	95 128	775,101	7 772,528	10,028	9,554	53	97 153	791,600	8 304,889	10,491	10,018
54	94 681	704,529	6 997,427	9,932	9,459	54	96 903	721,066	7 513,289	10,420	9,946
55	94 177	639,985	6 292,898	9,833	9,360	55	96 623	656,606	6 792,222	10,344	9,871
56	93 621	581,006	5 652,913	9,730	9,256	56	96 310	597,694	6 135,617	10,265	9,792
57	93 004	527,104	5 071,907	9,622	9,149	57	95 965	543,887	5 537,923	10,182	9,709
58	92 322	477,844	4 544,803	9,511	9,038	58	95 588	494,751	4 994,036	10,094	9,621
59	91 569	432,827	4 066,960	9,396	8,923	59	95 173	449,862	4 499,285	10,001	9,528
60	90 750	391,744	3 634,132	9,277	8,804	60	94 725	408,900	4 049,423	9,903	9,430
61	89 858	354,239	3 242,389	9,153	8,680	61	94 225	371,454	3 640,523	9,801	9,327
62	88 886	320,006	2 888,149	9,025	8,552	62	93 689	337,299	3 269,069	9,692	9,219
63	87 825	288,753	2 568,144	8,894	8,421	63	93 115	306,146	2 931,771	9,576	9,103
64	86 685	260,279	2 279,391	8,757	8,284	64	92 486	277,698	2 625,625	9,455	8,982
65	85 449	234,310	2 019,112	8,617	8,144	65	91 795	251,711	2 347,927	9,328	8,855
66	84 132	210,682	1 784,802	8,472	7,998	66	91 063	228,040	2 096,216	9,192	8,719
67	82 734	189,208	1 574,121	8,320	7,846	67	90 265	206,431	1 868,176	9,050	8,577
68	81 246	169,683	1 384,912	8,162	7,688	68	89 410	186,734	1 661,744	8,899	8,426
69	79 687	151,990	1 215,229	7,995	7,522	69	88 474	168,749	1 475,010	8,741	8,268
70	78 006	135,875	1 063,239	7,825	7,352	70	87 452	152,328	1 306,261	8,575	8,102
71	76 266	121,319	927,364	7,644	7,171	71	86 350	137,360	1 153,933	8,401	7,928
72	74 387	108,064	806,045	7,459	6,986	72	85 167	123,724	1 016,574	8,216	7,743
73	72 439	96,104	697,981	7,263	6,789	73	83 905	111,316	892,850	8,021	7,548
74	70 357	85,244	601,877	7,061	6,587	74	82 528	99,990	781,534	7,816	7,343
75	68 170	75,428	516,633	6,849	6,376	75	81 055	89,685	681,545	7,599	7,126
76	65 878	66,568	441,205	6,628	6,155	76	79 496	80,329	591,860	7,368	6,895
77	63 429	58,533	374,637	6,400	5,927	77	77 782	71,778	511,530	7,127	6,653
78	60 848	51,279	316,104	6,164	5,691	78	75 931	63,991	439,752	6,872	6,399
79	58 081	44,701	264,825	5,924	5,451	79	73 847	56,835	375,762	6,611	6,138
80	55 150	38,763	220,124	5,679	5,205	80	71 527	50,274	318,927	6,344	5,871
81	52 038	33,402	181,361	5,430	4,956	81	68 919	44,238	268,653	6,073	5,600
82	48 680	28,536	147,959	5,185	4,712	82	65 978	38,676	224,415	5,802	5,329
83	45 143	24,167	119,423	4,942	4,468	83	62 720	33,576	185,739	5,532	5,059
84	41 466	20,272	95,256	4,699	4,226	84	59 163	28,924	152,163	5,261	4,787
85	37 651	16,810	74,984	4,461	3,987	85	55 308	24,694	123,238	4,991	4,517
86	33 710	13,745	58,173	4,232	3,759	86	51 097	20,835	98,545	4,730	4,257
87	29 742	11,075	44,428	4,012	3,538	87	46 643	17,368	77,710	4,474	4,001
88	25 813	8,778	33,353	3,800	3,326	88	41 981	14,276	60,342	4,227	3,753
89	21 974	6,824	24,576	3,601	3,128	89	37 187	11,549	46,066	3,989	3,516
90	18 346	5,203	17,751	3,412	2,938	90	32 370	9,181	34,517	3,760	3,286
91	15 015	3,889	12,548	3,227	2,753	91	27 597	7,148	25,336	3,545	3,071
92	12 026	2,845	8,659	3,044	2,571	92	22 970	5,433	18,189	3,348	2,874
93	9 316	2,012	5,814	2,889	2,416	93	18 663	4,032	12,755	3,164	2,691
94	7 048	1,390	3,802	2,735	2,261	94	14 763	2,912	8,724	2,995	2,522
95	5 145	0,927	2,412	2,602	2,129	95	11 365	2,048	5,811	2,838	2,365
96	3 652	0,601	1,485	2,471	1,998	96	8 492	1,397	3,764	2,694	2,220
97	2 475	0,372	0,884	2,377	1,904	97	6 067	0,912	2,366	2,596	2,123
98	1 642	0,225	0,512	2,273	1,799	98	4 253	0,584	1,455	2,493	2,020
99	1 049	0,132	0,287	2,180	1,707	99	2 921	0,366	0,871	2,380	1,907
100	647	0,074	0,155	2,098	1,624	100	1 937	0,222	0,505	2,280	1,807

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 9,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 118 583,247	11,186	10,712	0	100 000	100 000,000	1 120 305,509	11,203	10,729
1	99 644	90 791,593	1 018 583,247	11,219	10,745	1	99 699	90 842,338	1 020 305,509	11,232	10,758
2	99 616	82 702,959	927 791,654	11,218	10,745	2	99 675	82 751,539	929 463,171	11,232	10,758
3	99 601	75 344,007	845 088,696	11,216	10,743	3	99 662	75 390,669	846 711,632	11,231	10,757
4	99 590	68 643,097	769 744,688	11,214	10,740	4	99 652	68 686,008	771 320,963	11,230	10,756
5	99 579	62 538,300	701 101,591	11,211	10,737	5	99 643	62 578,074	702 634,954	11,228	10,754
6	99 569	56 976,782	638 563,291	11,207	10,734	6	99 634	57 013,667	640 056,881	11,226	10,753
7	99 560	51 910,343	581 586,509	11,204	10,730	7	99 625	51 944,076	583 043,214	11,224	10,751
8	99 552	47 294,644	529 676,166	11,199	10,726	8	99 620	47 327,256	531 099,138	11,222	10,748
9	99 543	43 089,385	482 381,522	11,195	10,721	9	99 613	43 119,779	483 771,882	11,219	10,746
10	99 535	39 258,257	439 292,137	11,190	10,716	10	99 607	39 286,689	440 652,103	11,216	10,743
11	99 527	35 767,787	400 033,880	11,184	10,711	11	99 601	35 794,434	401 365,414	11,213	10,739
12	99 520	32 587,716	364 266,093	11,178	10,704	12	99 594	32 611,996	365 570,980	11,210	10,736
13	99 513	29 690,636	331 678,377	11,171	10,697	13	99 586	29 712,470	332 958,983	11,206	10,732
14	99 503	27 050,377	301 987,740	11,164	10,690	14	99 576	27 070,315	303 246,514	11,202	10,728
15	99 490	24 643,925	274 937,363	11,156	10,683	15	99 567	24 663,161	276 176,199	11,198	10,724
16	99 474	22 451,012	250 293,438	11,148	10,675	16	99 555	22 469,394	251 513,038	11,194	10,720
17	99 449	20 451,440	227 842,426	11,141	10,667	17	99 541	20 470,237	229 043,645	11,189	10,715
18	99 422	18 629,450	207 390,986	11,132	10,659	18	99 527	18 649,157	208 573,407	11,184	10,710
19	99 384	16 967,937	188 761,536	11,125	10,651	19	99 507	16 989,050	189 924,250	11,179	10,706
20	99 344	15 454,387	171 793,599	11,116	10,642	20	99 490	15 477,067	172 935,200	11,174	10,700
21	99 301	14 075,365	156 339,212	11,107	10,634	21	99 472	14 099,504	157 458,133	11,168	10,694
22	99 261	12 819,737	142 263,847	11,097	10,624	22	99 455	12 844,810	143 358,629	11,161	10,687
23	99 216	11 675,554	129 444,110	11,087	10,613	23	99 439	11 701,794	130 513,819	11,153	10,680
24	99 175	10 633,962	117 768,555	11,075	10,601	24	99 421	10 660,308	118 812,025	11,145	10,672
25	99 128	9 684,658	107 134,594	11,062	10,589	25	99 403	9 711,517	108 151,717	11,136	10,663
26	99 085	8 820,425	97 449,936	11,048	10,575	26	99 384	8 847,079	98 440,200	11,127	10,653
27	99 039	8 033,146	88 629,511	11,033	10,559	27	99 366	8 059,603	89 593,121	11,116	10,643
28	98 994	7 316,115	80 596,365	11,016	10,543	28	99 344	7 342,022	81 533,518	11,105	10,631
29	98 946	6 662,932	73 280,250	10,998	10,525	29	99 321	6 688,193	74 191,497	11,093	10,619
30	98 894	6 067,842	66 617,318	10,979	10,505	30	99 295	6 092,448	67 503,304	11,080	10,606
31	98 839	5 525,681	60 549,476	10,958	10,484	31	99 264	5 549,445	61 410,856	11,066	10,592
32	98 778	5 031,688	55 023,795	10,935	10,462	32	99 232	5 054,854	55 861,410	11,051	10,577
33	98 715	4 581,775	49 992,107	10,911	10,437	33	99 198	4 604,212	50 806,556	11,035	10,561
34	98 643	4 171,684	45 410,331	10,885	10,412	34	99 163	4 193,670	46 202,344	11,017	10,543
35	98 567	3 798,153	41 238,648	10,858	10,384	35	99 122	3 819,560	42 008,674	10,998	10,525
36	98 488	3 457,956	37 440,494	10,827	10,354	36	99 082	3 478,803	38 189,114	10,978	10,504
37	98 403	3 148,049	33 982,539	10,795	10,321	37	99 036	3 168,299	34 710,311	10,956	10,482
38	98 307	2 865,571	30 834,490	10,760	10,287	38	98 989	2 885,462	31 542,012	10,931	10,458
39	98 202	2 608,211	27 968,918	10,723	10,250	39	98 929	2 627,537	28 656,550	10,906	10,433
40	98 092	2 373,855	25 360,707	10,683	10,210	40	98 870	2 392,672	26 029,013	10,879	10,405
41	97 971	2 160,288	22 986,853	10,641	10,167	41	98 802	2 178,616	23 636,342	10,849	10,376
42	97 840	1 965,747	20 826,564	10,595	10,121	42	98 729	1 983,602	21 457,726	10,818	10,344
43	97 699	1 788,533	18 860,817	10,545	10,072	43	98 651	1 805,948	19 474,124	10,783	10,310
44	97 549	1 627,133	17 072,285	10,492	10,019	44	98 561	1 644,016	17 668,176	10,747	10,273
45	97 374	1 479,916	15 445,151	10,437	9,963	45	98 465	1 496,511	16 024,160	10,708	10,234
46	97 183	1 345,802	13 965,236	10,377	9,903	46	98 352	1 361,992	14 527,649	10,666	10,193
47	96 971	1 223,571	12 619,434	10,314	9,840	47	98 232	1 239,484	13 165,657	10,622	10,148
48	96 741	1 112,231	11 395,863	10,246	9,772	48	98 098	1 127,823	11 926,173	10,575	10,101
49	96 484	1 010,731	10 283,633	10,174	9,701	49	97 941	1 025,991	10 798,350	10,525	10,051

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 9,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	918,203	9 272,901	10,099	9,625	50	97 770	933,210	9 772,359	10,472	9,998
51	95 878	833,850	8 354,698	10,019	9,546	51	97 589	848,729	8 839,149	10,415	9,941
52	95 523	756,960	7 520,848	9,936	9,462	52	97 380	771,672	7 990,420	10,355	9,881
53	95 128	686,857	6 763,888	9,848	9,374	53	97 153	701,478	7 218,748	10,291	9,817
54	94 681	622,898	6 077,031	9,756	9,282	54	96 903	637,519	6 517,269	10,223	9,749
55	94 177	564,544	5 454,133	9,661	9,187	55	96 623	579,205	5 879,751	10,151	9,678
56	93 621	511,349	4 889,590	9,562	9,088	56	96 310	526,036	5 300,546	10,076	9,603
57	93 004	462,853	4 378,241	9,459	8,986	57	95 965	477,590	4 774,509	9,997	9,523
58	92 322	418,641	3 915,388	9,353	8,879	58	95 588	433,454	4 296,920	9,913	9,440
59	91 569	378,339	3 496,747	9,242	8,769	59	95 173	393,229	3 863,466	9,825	9,351
60	90 750	341,647	3 118,408	9,128	8,654	60	94 725	356,609	3 470,237	9,731	9,258
61	89 858	308,235	2 776,762	9,009	8,535	61	94 225	323,214	3 113,628	9,633	9,160
62	88 886	277,813	2 468,527	8,886	8,412	62	93 689	292,826	2 790,414	9,529	9,056
63	87 825	250,110	2 190,714	8,759	8,285	63	93 115	265,175	2 497,588	9,419	8,945
64	86 685	224,933	1 940,604	8,627	8,154	64	92 486	239,987	2 232,413	9,302	8,829
65	85 449	202,029	1 715,671	8,492	8,019	65	91 795	217,033	1 992,427	9,180	8,707
66	84 132	181,242	1 513,642	8,351	7,878	66	91 063	196,176	1 775,394	9,050	8,576
67	82 734	162,399	1 332,400	8,204	7,731	67	90 265	177,181	1 579,219	8,913	8,439
68	81 246	145,309	1 170,001	8,052	7,578	68	89 410	159,910	1 402,037	8,768	8,294
69	79 687	129,860	1 024,693	7,891	7,417	69	88 474	144,179	1 242,127	8,615	8,141
70	78 006	115,827	894,832	7,726	7,252	70	87 452	129,853	1 097,948	8,455	7,982
71	76 266	103,183	779,005	7,550	7,076	71	86 350	116,826	968,096	8,287	7,813
72	74 387	91,700	675,822	7,370	6,896	72	85 167	104,989	851,270	8,108	7,635
73	72 439	81,366	584,121	7,179	6,705	73	83 905	94,245	746,281	7,919	7,445
74	70 357	72,006	502,755	6,982	6,508	74	82 528	84,463	652,036	7,720	7,246
75	68 170	63,570	430,749	6,776	6,302	75	81 055	75,586	567,573	7,509	7,035
76	65 878	55,975	367,179	6,560	6,086	76	79 496	67,546	491,988	7,284	6,810
77	63 429	49,106	311,204	6,337	5,864	77	77 782	60,218	424,441	7,048	6,575
78	60 848	42,923	262,097	6,106	5,633	78	75 931	53,563	364,223	6,800	6,326
79	58 081	37,332	219,174	5,871	5,397	79	73 847	47,465	310,660	6,545	6,071
80	55 150	32,298	181,843	5,630	5,156	80	71 527	41,890	263,195	6,283	5,809
81	52 038	27,769	149,544	5,385	4,912	81	68 919	36,777	221,305	6,018	5,544
82	48 680	23,669	121,776	5,145	4,671	82	65 978	32,079	184,528	5,752	5,279
83	45 143	19,999	98,107	4,905	4,432	83	62 720	27,786	152,449	5,486	5,013
84	41 466	16,738	78,107	4,666	4,193	84	59 163	23,882	124,663	5,220	4,746
85	37 651	13,848	61,369	4,432	3,958	85	55 308	20,342	100,781	4,954	4,481
86	33 710	11,297	47,521	4,207	3,733	86	51 097	17,124	80,438	4,697	4,224
87	29 742	9,082	36,224	3,989	3,515	87	46 643	14,243	63,314	4,445	3,972
88	25 813	7,182	27,142	3,779	3,306	88	41 981	11,680	49,071	4,201	3,728
89	21 974	5,571	19,960	3,583	3,109	89	37 187	9,427	37,391	3,966	3,493
90	18 346	4,238	14,390	3,396	2,922	90	32 370	7,477	27,964	3,740	3,266
91	15 015	3,160	10,152	3,212	2,739	91	27 597	5,808	20,487	3,527	3,054
92	12 026	2,306	6,992	3,032	2,558	92	22 970	4,405	14,678	3,332	2,859
93	9 316	1,628	4,685	2,878	2,405	93	18 663	3,261	10,273	3,150	2,677
94	7 048	1,122	3,058	2,725	2,251	94	14 763	2,350	7,012	2,983	2,510
95	5 145	0,746	1,936	2,593	2,120	95	11 365	1,649	4,662	2,828	2,354
96	3 652	0,483	1,189	2,463	1,990	96	8 492	1,123	3,013	2,684	2,211
97	2 475	0,298	0,706	2,370	1,896	97	6 067	0,731	1,891	2,588	2,114
98	1 642	0,180	0,408	2,267	1,793	98	4 253	0,467	1,160	2,486	2,012
99	1 049	0,105	0,228	2,175	1,701	99	2 921	0,292	0,693	2,374	1,900
100	647	0,059	0,123	2,093	1,619	100	1 937	0,176	0,401	2,274	1,800

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 10 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 093 362,519	10,934	10,460	0	100 000	100 000,000	1 094 956,969	10,950	10,476
1	99 644	90 585,249	993 362,519	10,966	10,492	1	99 699	90 635,878	994 956,969	10,978	10,503
2	99 616	82 327,463	902 777,270	10,966	10,492	2	99 675	82 375,823	904 321,091	10,978	10,504
3	99 601	74 831,465	820 449,807	10,964	10,490	3	99 662	74 877,809	821 945,268	10,977	10,503
4	99 590	68 021,193	745 618,342	10,962	10,488	4	99 652	68 063,716	747 067,458	10,976	10,502
5	99 579	61 830,861	677 597,149	10,959	10,485	5	99 643	61 870,184	679 003,743	10,975	10,501
6	99 569	56 204,227	615 766,288	10,956	10,482	6	99 634	56 240,612	617 133,558	10,973	10,499
7	99 560	51 090,107	559 562,062	10,952	10,478	7	99 625	51 123,306	560 892,946	10,971	10,497
8	99 552	46 441,551	508 471,955	10,949	10,475	8	99 620	46 473,574	509 769,640	10,969	10,495
9	99 543	42 215,981	462 030,405	10,944	10,470	9	99 613	42 245,759	463 296,066	10,967	10,493
10	99 535	38 375,094	419 814,424	10,940	10,466	10	99 607	38 402,886	421 050,307	10,964	10,490
11	99 527	34 883,685	381 439,330	10,935	10,461	11	99 601	34 909,673	382 647,420	10,961	10,487
12	99 520	31 709,986	346 555,645	10,929	10,455	12	99 594	31 733,612	347 737,747	10,958	10,484
13	99 513	28 825,276	314 845,659	10,923	10,448	13	99 586	28 846,473	316 004,135	10,955	10,481
14	99 503	26 202,284	286 020,383	10,916	10,442	14	99 576	26 221,596	287 157,662	10,951	10,477
15	99 490	23 817,026	259 818,099	10,909	10,435	15	99 567	23 835,616	260 936,067	10,947	10,473
16	99 474	21 648,381	236 001,073	10,902	10,428	16	99 555	21 666,106	237 100,450	10,943	10,469
17	99 449	19 675,476	214 352,692	10,894	10,420	17	99 541	19 693,560	215 434,345	10,939	10,465
18	99 422	17 881,882	194 677,217	10,887	10,413	18	99 527	17 900,798	195 740,785	10,935	10,461
19	99 384	16 250,027	176 795,335	10,880	10,406	19	99 507	16 270,247	177 839,987	10,930	10,456
20	99 344	14 766,877	160 545,308	10,872	10,398	20	99 490	14 788,548	161 569,740	10,925	10,451
21	99 301	13 418,637	145 778,431	10,864	10,390	21	99 472	13 441,649	146 781,192	10,920	10,446
22	99 261	12 193,817	132 359,794	10,855	10,381	22	99 455	12 217,666	133 339,543	10,914	10,440
23	99 216	11 080,259	120 165,977	10,845	10,371	23	99 439	11 105,161	121 121,877	10,907	10,433
24	99 175	10 068,838	109 085,718	10,834	10,360	24	99 421	10 093,784	110 016,716	10,899	10,425
25	99 128	9 149,142	99 016,881	10,823	10,348	25	99 403	9 174,516	99 922,933	10,891	10,417
26	99 085	8 313,760	89 867,739	10,810	10,335	26	99 384	8 338,883	90 748,417	10,883	10,409
27	99 039	7 554,495	81 553,979	10,795	10,321	27	99 366	7 579,376	82 409,534	10,873	10,399
28	98 994	6 864,551	73 999,484	10,780	10,306	28	99 344	6 888,859	74 830,159	10,862	10,388
29	98 946	6 237,475	67 134,933	10,763	10,289	29	99 321	6 261,123	67 941,300	10,851	10,377
30	98 894	5 667,474	60 897,457	10,745	10,271	30	99 295	5 690,457	61 680,177	10,839	10,365
31	98 839	5 149,357	55 229,983	10,726	10,252	31	99 264	5 171,502	55 989,719	10,827	10,353
32	98 778	4 678,350	50 080,627	10,705	10,231	32	99 232	4 699,890	50 818,217	10,813	10,339
33	98 715	4 250,349	45 402,276	10,682	10,208	33	99 198	4 271,163	46 118,327	10,798	10,324
34	98 643	3 861,127	41 151,927	10,658	10,184	34	99 163	3 881,476	41 847,165	10,781	10,307
35	98 567	3 507,414	37 290,800	10,632	10,158	35	99 122	3 527,182	37 965,688	10,764	10,290
36	98 488	3 186,000	33 783,386	10,604	10,130	36	99 082	3 205,208	34 438,506	10,745	10,270
37	98 403	2 893,875	30 597,386	10,573	10,099	37	99 036	2 912,489	31 233,298	10,724	10,250
38	98 307	2 628,217	27 703,511	10,541	10,067	38	98 989	2 646,461	28 320,809	10,701	10,227
39	98 202	2 386,737	25 075,294	10,506	10,032	39	98 929	2 404,422	25 674,348	10,678	10,204
40	98 092	2 167,344	22 688,557	10,468	9,994	40	98 870	2 184,524	23 269,926	10,652	10,178
41	97 971	1 967,874	20 521,212	10,428	9,954	41	98 802	1 984,569	21 085,402	10,625	10,151
42	97 840	1 786,590	18 553,338	10,385	9,911	42	98 729	1 802,818	19 100,833	10,595	10,121
43	97 699	1 621,833	16 766,748	10,338	9,864	43	98 651	1 637,625	17 298,014	10,563	10,089
44	97 549	1 472,124	15 144,915	10,288	9,814	44	98 561	1 487,398	15 660,389	10,529	10,055
45	97 374	1 335,888	13 672,791	10,235	9,761	45	98 465	1 350,868	14 172,991	10,492	10,018
46	97 183	1 212,065	12 336,903	10,178	9,704	46	98 352	1 226,646	12 822,124	10,453	9,979
47	96 971	1 099,476	11 124,838	10,118	9,644	47	98 232	1 113,775	11 595,477	10,411	9,937
48	96 741	997,157	10 025,363	10,054	9,580	48	98 098	1 011,136	10 481,702	10,366	9,892
49	96 484	904,099	9 028,206	9,986	9,512	49	97 941	917,749	9 470,566	10,319	9,845

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 10 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	819,466	8 124,107	9,914	9,440	50	97 770	832,859	8 552,817	10,269	9,795
51	95 878	742,493	7 304,641	9,838	9,364	51	97 589	755,741	7 719,958	10,215	9,741
52	95 523	672,495	6 562,148	9,758	9,284	52	97 380	685,565	6 964,217	10,158	9,684
53	95 128	608,827	5 889,654	9,674	9,200	53	97 153	621,787	6 278,651	10,098	9,624
54	94 681	550,879	5 280,826	9,586	9,112	54	96 903	563,810	5 656,864	10,033	9,559
55	94 177	498,137	4 729,947	9,495	9,021	55	96 623	511,074	5 093,054	9,965	9,491
56	93 621	450,174	4 231,810	9,400	8,926	56	96 310	463,105	4 581,981	9,894	9,420
57	93 004	406,554	3 781,636	9,302	8,828	57	95 965	419,498	4 118,876	9,819	9,345
58	92 322	366,884	3 375,082	9,199	8,725	58	95 588	379,866	3 699,378	9,739	9,265
59	91 569	330,811	3 008,198	9,093	8,619	59	95 173	343,830	3 319,512	9,655	9,180
60	90 750	298,049	2 677,388	8,983	8,509	60	94 725	311,102	2 975,682	9,565	9,091
61	89 858	268,290	2 379,338	8,869	8,394	61	94 225	281,328	2 664,580	9,471	8,997
62	88 886	241,261	2 111,048	8,750	8,276	62	93 689	254,298	2 383,252	9,372	8,898
63	87 825	216,709	1 869,788	8,628	8,154	63	93 115	229,762	2 128,954	9,266	8,792
64	86 685	194,451	1 653,079	8,501	8,027	64	92 486	207,465	1 899,192	9,154	8,680
65	85 449	174,254	1 458,628	8,371	7,897	65	91 795	187,195	1 691,727	9,037	8,563
66	84 132	155,970	1 284,373	8,235	7,761	66	91 063	168,821	1 504,532	8,912	8,438
67	82 734	139,436	1 128,403	8,093	7,619	67	90 265	152,129	1 335,711	8,780	8,306
68	81 246	124,479	988,967	7,945	7,471	68	89 410	136,988	1 183,582	8,640	8,166
69	79 687	110,992	864,488	7,789	7,315	69	88 474	123,231	1 046,594	8,493	8,019
70	78 006	98,773	753,495	7,629	7,154	70	87 452	110,734	923,363	8,339	7,865
71	76 266	87,791	654,722	7,458	6,984	71	86 350	99,399	812,630	8,175	7,701
72	74 387	77,844	566,931	7,283	6,809	72	85 167	89,124	713,231	8,003	7,529
73	72 439	68,914	489,087	7,097	6,623	73	83 905	79,822	624,107	7,819	7,345
74	70 357	60,848	420,173	6,905	6,431	74	82 528	71,374	544,285	7,626	7,152
75	68 170	53,597	359,325	6,704	6,230	75	81 055	63,728	472,911	7,421	6,947
76	65 878	47,086	305,728	6,493	6,019	76	79 496	56,820	409,183	7,201	6,727
77	63 429	41,215	258,641	6,275	5,801	77	77 782	50,541	352,363	6,972	6,498
78	60 848	35,943	217,427	6,049	5,575	78	75 931	44,853	301,822	6,729	6,255
79	58 081	31,190	181,484	5,819	5,345	79	73 847	39,656	256,969	6,480	6,006
80	55 150	26,923	150,294	5,582	5,108	80	71 527	34,918	217,313	6,223	5,749
81	52 038	23,095	123,371	5,342	4,868	81	68 919	30,587	182,395	5,963	5,489
82	48 680	19,640	100,276	5,106	4,632	82	65 978	26,619	151,808	5,703	5,229
83	45 143	16,558	80,636	4,870	4,396	83	62 720	23,005	125,189	5,442	4,968
84	41 466	13,826	64,078	4,635	4,160	84	59 163	19,727	102,184	5,180	4,706
85	37 651	11,413	50,252	4,403	3,929	85	55 308	16,765	82,457	4,918	4,444
86	33 710	9,289	38,839	4,181	3,707	86	51 097	14,081	65,692	4,665	4,191
87	29 742	7,451	29,549	3,966	3,492	87	46 643	11,685	51,611	4,417	3,943
88	25 813	5,879	22,099	3,759	3,285	88	41 981	9,561	39,926	4,176	3,702
89	21 974	4,550	16,220	3,565	3,091	89	37 187	7,699	30,365	3,944	3,470
90	18 346	3,453	11,670	3,380	2,906	90	32 370	6,093	22,666	3,720	3,246
91	15 015	2,569	8,217	3,198	2,724	91	27 597	4,722	16,574	3,510	3,036
92	12 026	1,871	5,648	3,019	2,545	92	22 970	3,573	11,852	3,317	2,843
93	9 316	1,317	3,778	2,868	2,394	93	18 663	2,639	8,279	3,137	2,663
94	7 048	0,906	2,460	2,715	2,241	94	14 763	1,898	5,640	2,971	2,497
95	5 145	0,601	1,554	2,585	2,111	95	11 365	1,328	3,742	2,817	2,343
96	3 652	0,388	0,953	2,456	1,982	96	8 492	0,902	2,413	2,675	2,201
97	2 475	0,239	0,565	2,363	1,889	97	6 067	0,586	1,511	2,579	2,105
98	1 642	0,144	0,326	2,261	1,787	98	4 253	0,373	0,925	2,478	2,004
99	1 049	0,084	0,182	2,170	1,695	99	2 921	0,233	0,552	2,367	1,893
100	647	0,047	0,098	2,088	1,614	100	1 937	0,141	0,319	2,268	1,794

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 10,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 069 344,712	10,693	10,219	0	100 000	100 000,000	1 070 825,685	10,708	10,234
1	99 644	90 379,840	969 344,712	10,725	10,251	1	99 699	90 430,354	970 825,685	10,736	10,261
2	99 616	81 954,519	878 964,872	10,725	10,251	2	99 675	82 002,660	880 395,331	10,736	10,262
3	99 601	74 323,561	797 010,353	10,724	10,249	3	99 662	74 369,591	798 392,670	10,735	10,261
4	99 590	67 406,316	722 686,792	10,721	10,247	4	99 652	67 448,454	724 023,080	10,734	10,260
5	99 579	61 133,002	655 280,476	10,719	10,245	5	99 643	61 171,883	656 574,625	10,733	10,259
6	99 569	55 443,865	594 147,473	10,716	10,242	6	99 634	55 479,758	595 402,743	10,732	10,257
7	99 560	50 284,648	538 703,608	10,713	10,239	7	99 625	50 317,325	539 922,985	10,730	10,256
8	99 552	45 605,730	488 418,960	10,710	10,235	8	99 620	45 637,177	489 605,660	10,728	10,254
9	99 543	41 362,204	442 813,230	10,706	10,231	9	99 613	41 391,380	443 968,484	10,726	10,252
10	99 535	37 513,736	401 451,026	10,701	10,227	10	99 607	37 540,905	402 577,104	10,724	10,249
11	99 527	34 023,369	363 937,290	10,697	10,222	11	99 601	34 048,716	365 036,199	10,721	10,247
12	99 520	30 857,810	329 913,921	10,691	10,217	12	99 594	30 880,801	330 987,483	10,718	10,244
13	99 513	27 987,016	299 056,111	10,686	10,211	13	99 586	28 007,597	300 106,682	10,715	10,241
14	99 503	25 382,615	271 069,095	10,679	10,205	14	99 576	25 401,323	272 099,085	10,712	10,238
15	99 490	23 019,657	245 686,480	10,673	10,198	15	99 567	23 037,624	246 697,762	10,708	10,234
16	99 474	20 876,169	222 666,824	10,666	10,192	16	99 555	20 893,262	223 660,138	10,705	10,230
17	99 449	18 930,615	201 790,655	10,659	10,185	17	99 541	18 948,014	202 766,876	10,701	10,227
18	99 422	17 165,908	182 860,040	10,653	10,178	18	99 527	17 184,067	183 818,862	10,697	10,223
19	99 384	15 564,019	165 694,132	10,646	10,172	19	99 507	15 583,385	166 634,794	10,693	10,219
20	99 344	14 111,410	150 130,113	10,639	10,164	20	99 490	14 132,119	151 051,410	10,689	10,214
21	99 301	12 793,937	136 018,703	10,631	10,157	21	99 472	12 815,878	136 919,291	10,684	10,209
22	99 261	11 599,776	123 224,766	10,623	10,149	22	99 455	11 622,463	124 103,413	10,678	10,203
23	99 216	10 516,565	111 624,990	10,614	10,140	23	99 439	10 540,200	112 480,950	10,672	10,197
24	99 175	9 534,928	101 108,425	10,604	10,130	24	99 421	9 558,552	101 940,750	10,665	10,190
25	99 128	8 644,354	91 573,497	10,593	10,119	25	99 403	8 668,328	92 382,198	10,657	10,183
26	99 085	7 837,250	82 929,143	10,581	10,107	26	99 384	7 860,933	83 713,870	10,649	10,175
27	99 039	7 105,355	75 091,893	10,568	10,094	27	99 366	7 128,756	75 852,937	10,640	10,166
28	98 994	6 441,790	67 986,537	10,554	10,080	28	99 344	6 464,601	68 724,180	10,631	10,156
29	98 946	5 840,061	61 544,747	10,538	10,064	29	99 321	5 862,202	62 259,580	10,621	10,146
30	98 894	5 294,344	55 704,686	10,522	10,047	30	99 295	5 315,814	56 397,378	10,609	10,135
31	98 839	4 799,430	50 410,342	10,503	10,029	31	99 264	4 820,071	51 081,564	10,598	10,123
32	98 778	4 350,544	45 610,912	10,484	10,010	32	99 232	4 370,574	46 261,493	10,585	10,110
33	98 715	3 943,569	41 260,369	10,463	9,988	33	99 198	3 962,881	41 890,919	10,571	10,096
34	98 643	3 574,317	37 316,799	10,440	9,966	34	99 163	3 593,155	37 928,038	10,556	10,081
35	98 567	3 239,516	33 742,482	10,416	9,941	35	99 122	3 257,774	34 334,884	10,539	10,065
36	98 488	2 935,979	30 502,967	10,389	9,915	36	99 082	2 953,679	31 077,110	10,521	10,047
37	98 403	2 660,731	27 566,988	10,361	9,886	37	99 036	2 677,846	28 123,431	10,502	10,028
38	98 307	2 410,996	24 906,257	10,330	9,856	38	98 989	2 427,732	25 445,585	10,481	10,007
39	98 202	2 184,510	22 495,261	10,298	9,823	39	98 929	2 200,696	23 017,853	10,459	9,985
40	98 092	1 979,208	20 310,751	10,262	9,788	40	98 870	1 994,896	20 817,157	10,435	9,961
41	97 971	1 792,978	18 331,543	10,224	9,750	41	98 802	1 808,189	18 822,260	10,409	9,935
42	97 840	1 624,115	16 538,565	10,183	9,709	42	98 729	1 638,867	17 014,071	10,382	9,907
43	97 699	1 470,997	14 914,451	10,139	9,665	43	98 651	1 485,321	15 375,204	10,351	9,877
44	97 549	1 332,184	13 443,453	10,091	9,617	44	98 561	1 346,006	13 889,884	10,319	9,845
45	97 374	1 206,157	12 111,270	10,041	9,567	45	98 465	1 219,682	12 543,878	10,285	9,810
46	97 183	1 091,877	10 905,112	9,987	9,513	46	98 352	1 105,013	11 324,196	10,248	9,774
47	96 971	988,207	9 813,235	9,930	9,456	47	98 232	1 001,059	10 219,182	10,208	9,734
48	96 741	894,210	8 825,028	9,869	9,395	48	98 098	906,746	9 218,123	10,166	9,692
49	96 484	808,921	7 930,818	9,804	9,330	49	97 941	821,134	8 311,377	10,122	9,647

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 10,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	731,535	7 121,897	9,736	9,261	50	97 770	743,491	7 490,243	10,074	9,600
51	95 878	661,318	6 390,362	9,663	9,189	51	97 589	673,119	6 746,752	10,023	9,549
52	95 523	597,615	5 729,043	9,587	9,112	52	97 380	609,230	6 073,633	9,969	9,495
53	95 128	539,810	5 131,429	9,506	9,032	53	97 153	551,301	5 464,403	9,912	9,437
54	94 681	487,323	4 591,619	9,422	8,948	54	96 903	498,762	4 913,103	9,851	9,376
55	94 177	439,667	4 104,296	9,335	8,861	55	96 623	451,085	4 414,341	9,786	9,312
56	93 621	396,433	3 664,629	9,244	8,770	56	96 310	407,819	3 963,256	9,718	9,244
57	93 004	357,208	3 268,196	9,149	8,675	57	95 965	368,581	3 555,436	9,646	9,172
58	92 322	321,622	2 910,989	9,051	8,577	58	95 588	333,002	3 186,855	9,570	9,096
59	91 569	289,341	2 589,366	8,949	8,475	59	95 173	300,729	2 853,853	9,490	9,015
60	90 750	260,096	2 300,025	8,843	8,369	60	94 725	271,486	2 553,124	9,404	8,930
61	89 858	233,595	2 039,929	8,733	8,258	61	94 225	244,947	2 281,638	9,315	8,840
62	88 886	209,585	1 806,334	8,619	8,144	62	93 689	220,911	2 036,691	9,220	8,745
63	87 825	187,830	1 596,749	8,501	8,027	63	93 115	199,143	1 815,780	9,118	8,644
64	86 685	168,156	1 408,920	8,379	7,904	64	92 486	179,410	1 616,637	9,011	8,536
65	85 449	150,349	1 240,764	8,253	7,778	65	91 795	161,514	1 437,227	8,898	8,424
66	84 132	134,268	1 090,415	8,121	7,647	66	91 063	145,330	1 275,713	8,778	8,304
67	82 734	119,762	956,148	7,984	7,509	67	90 265	130,664	1 130,383	8,651	8,177
68	81 246	106,673	836,385	7,841	7,366	68	89 410	117,392	999,719	8,516	8,042
69	79 687	94,900	729,712	7,689	7,215	69	88 474	105,364	882,326	8,374	7,900
70	78 006	84,261	634,812	7,534	7,059	70	87 452	94,464	776,963	8,225	7,751
71	76 266	74,722	550,552	7,368	6,894	71	86 350	84,602	682,499	8,067	7,593
72	74 387	66,106	475,829	7,198	6,724	72	85 167	75,685	597,897	7,900	7,425
73	72 439	58,390	409,724	7,017	6,543	73	83 905	67,632	522,212	7,721	7,247
74	70 357	51,439	351,334	6,830	6,356	74	82 528	60,337	454,580	7,534	7,060
75	68 170	45,206	299,895	6,634	6,160	75	81 055	53,751	394,243	7,335	6,860
76	65 878	39,625	254,689	6,428	5,953	76	79 496	47,816	340,492	7,121	6,646
77	63 429	34,605	215,064	6,215	5,740	77	77 782	42,435	292,676	6,897	6,423
78	60 848	30,110	180,460	5,993	5,519	78	75 931	37,574	250,241	6,660	6,186
79	58 081	26,069	150,350	5,767	5,293	79	73 847	33,145	212,667	6,416	5,942
80	55 150	22,452	124,281	5,535	5,061	80	71 527	29,119	179,522	6,165	5,691
81	52 038	19,216	101,829	5,299	4,825	81	68 919	25,449	150,402	5,910	5,436
82	48 680	16,304	82,613	5,067	4,592	82	65 978	22,098	124,953	5,655	5,180
83	45 143	13,714	66,308	4,835	4,361	83	62 720	19,054	102,855	5,398	4,924
84	41 466	11,426	52,594	4,603	4,129	84	59 163	16,302	83,801	5,140	4,666
85	37 651	9,410	41,169	4,375	3,900	85	55 308	13,823	67,499	4,883	4,409
86	33 710	7,642	31,758	4,156	3,681	86	51 097	11,584	53,676	4,634	4,159
87	29 742	6,115	24,117	3,944	3,469	87	46 643	9,591	42,093	4,389	3,915
88	25 813	4,814	18,001	3,739	3,265	88	41 981	7,830	32,502	4,151	3,677
89	21 974	3,717	13,187	3,548	3,073	89	37 187	6,291	24,672	3,922	3,448
90	18 346	2,815	9,470	3,364	2,890	90	32 370	4,967	18,382	3,701	3,227
91	15 015	2,090	6,655	3,185	2,710	91	27 597	3,841	13,415	3,493	3,018
92	12 026	1,518	4,565	3,007	2,533	92	22 970	2,900	9,574	3,302	2,828
93	9 316	1,067	3,047	2,857	2,383	93	18 663	2,137	6,675	3,124	2,649
94	7 048	0,732	1,981	2,706	2,232	94	14 763	1,533	4,538	2,960	2,485
95	5 145	0,485	1,249	2,577	2,102	95	11 365	1,071	3,005	2,807	2,332
96	3 652	0,312	0,764	2,448	1,974	96	8 492	0,726	1,934	2,666	2,191
97	2 475	0,192	0,452	2,357	1,882	97	6 067	0,470	1,209	2,571	2,096
98	1 642	0,115	0,260	2,255	1,780	98	4 253	0,299	0,738	2,470	1,996
99	1 049	0,067	0,145	2,164	1,690	99	2 921	0,186	0,440	2,360	1,886
100	647	0,037	0,078	2,083	1,609	100	1 937	0,112	0,253	2,262	1,787

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 10,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 046 447,499	10,464	9,990	0	100 000	100 000,000	1 047 827,436	10,478	10,003
1	99 644	90 175,361	946 447,499	10,496	10,021	1	99 699	90 225,761	947 827,436	10,505	10,030
2	99 616	81 584,104	856 272,139	10,496	10,021	2	99 675	81 632,027	857 601,675	10,506	10,031
3	99 601	73 820,242	774 688,035	10,494	10,019	3	99 662	73 865,961	775 969,647	10,505	10,030
4	99 590	66 798,371	700 867,792	10,492	10,017	4	99 652	66 840,129	702 103,687	10,504	10,029
5	99 579	60 444,575	634 069,421	10,490	10,015	5	99 643	60 483,017	635 263,557	10,503	10,028
6	99 569	54 695,478	573 624,846	10,488	10,013	6	99 634	54 730,886	574 780,540	10,502	10,027
7	99 560	49 493,670	518 929,368	10,485	10,010	7	99 625	49 525,832	520 049,654	10,501	10,026
8	99 552	44 786,793	469 435,698	10,482	10,007	8	99 620	44 817,676	470 523,822	10,499	10,024
9	99 543	40 527,569	424 648,905	10,478	10,003	9	99 613	40 556,156	425 706,146	10,497	10,022
10	99 535	36 673,598	384 121,336	10,474	9,999	10	99 607	36 700,159	385 149,990	10,495	10,020
11	99 527	33 186,147	347 447,738	10,470	9,995	11	99 601	33 210,870	348 449,832	10,492	10,017
12	99 520	30 030,388	314 261,591	10,465	9,990	12	99 594	30 052,762	315 238,961	10,490	10,015
13	99 513	27 174,951	284 231,203	10,459	9,985	13	99 586	27 194,934	285 186,199	10,487	10,012
14	99 503	24 590,357	257 056,253	10,454	9,979	14	99 576	24 608,482	257 991,265	10,484	10,009
15	99 490	22 250,698	232 465,895	10,448	9,973	15	99 567	22 268,066	233 382,783	10,481	10,006
16	99 474	20 133,159	210 215,197	10,441	9,966	16	99 555	20 149,644	211 114,718	10,477	10,003
17	99 449	18 215,545	190 082,038	10,435	9,960	17	99 541	18 232,287	190 965,074	10,474	9,999
18	99 422	16 480,127	171 866,493	10,429	9,954	18	99 527	16 497,560	172 732,787	10,470	9,995
19	99 384	14 908,427	155 386,367	10,423	9,948	19	99 507	14 926,977	156 235,227	10,467	9,992
20	99 344	13 486,424	140 477,940	10,416	9,941	20	99 490	13 506,216	141 308,250	10,462	9,988
21	99 301	12 199,638	126 991,516	10,409	9,935	21	99 472	12 220,560	127 802,034	10,458	9,983
22	99 261	11 035,922	114 791,878	10,402	9,927	22	99 455	11 057,507	115 581,474	10,453	9,978
23	99 216	9 982,729	103 755,956	10,394	9,919	23	99 439	10 005,164	104 523,968	10,447	9,972
24	99 175	9 030,444	93 773,227	10,384	9,909	24	99 421	9 052,818	94 518,804	10,441	9,966
25	99 128	8 168,467	84 742,783	10,374	9,900	25	99 403	8 191,121	85 465,986	10,434	9,959
26	99 085	7 389,040	76 574,316	10,363	9,888	26	99 384	7 411,369	77 274,865	10,427	9,952
27	99 039	6 683,846	69 185,275	10,351	9,876	27	99 366	6 705,859	69 863,496	10,418	9,943
28	98 994	6 045,936	62 501,429	10,338	9,863	28	99 344	6 067,345	63 157,637	10,409	9,935
29	98 946	5 468,782	56 455,493	10,323	9,848	29	99 321	5 489,516	57 090,292	10,400	9,925
30	98 894	4 946,543	50 986,711	10,308	9,833	30	99 295	4 966,602	51 600,776	10,390	9,915
31	98 839	4 473,996	46 040,168	10,291	9,816	31	99 264	4 493,237	46 634,174	10,379	9,904
32	98 778	4 046,372	41 566,172	10,272	9,798	32	99 232	4 065,001	42 140,937	10,367	9,892
33	98 715	3 659,553	37 519,800	10,253	9,778	33	99 198	3 677,474	38 075,935	10,354	9,879
34	98 643	3 309,390	33 860,247	10,232	9,757	34	99 163	3 326,831	34 398,462	10,340	9,865
35	98 567	2 992,618	30 550,858	10,209	9,734	35	99 122	3 009,485	31 071,630	10,325	9,850
36	98 488	2 706,079	27 558,240	10,184	9,709	36	99 082	2 722,393	28 062,146	10,308	9,833
37	98 403	2 446,835	24 852,161	10,157	9,682	37	99 036	2 462,575	25 339,752	10,290	9,815
38	98 307	2 212,161	22 405,325	10,128	9,653	38	98 989	2 227,516	22 877,178	10,270	9,795
39	98 202	1 999,818	20 193,164	10,097	9,623	39	98 929	2 014,636	20 649,661	10,250	9,775
40	98 092	1 807,774	18 193,346	10,064	9,589	40	98 870	1 822,104	18 635,025	10,227	9,752
41	97 971	1 633,970	16 385,572	10,028	9,553	41	98 802	1 647,832	16 812,921	10,203	9,728
42	97 840	1 476,733	14 751,602	9,989	9,515	42	98 729	1 490,147	15 165,089	10,177	9,702
43	97 699	1 334,485	13 274,869	9,948	9,473	43	98 651	1 347,479	13 674,942	10,149	9,674
44	97 549	1 205,819	11 940,384	9,902	9,428	44	98 561	1 218,331	12 327,463	10,118	9,644
45	97 374	1 089,277	10 734,564	9,855	9,380	45	98 465	1 101,491	11 109,133	10,086	9,611
46	97 183	983,840	9 645,288	9,804	9,329	46	98 352	995,676	10 007,642	10,051	9,576
47	96 971	888,413	8 661,447	9,749	9,275	47	98 232	899,967	9 011,965	10,014	9,539
48	96 741	802,090	7 773,034	9,691	9,216	48	98 098	813,334	8 111,998	9,974	9,499
49	96 484	723,946	6 970,945	9,629	9,154	49	97 941	734,876	7 298,664	9,932	9,457

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 10,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	653,208	6 246,999	9,564	9,089	50	97 770	663,883	6 563,788	9,887	9,412
51	95 878	589,173	5 593,791	9,494	9,020	51	97 589	599,686	5 899,905	9,838	9,364
52	95 523	531,214	5 004,618	9,421	8,946	52	97 380	541,539	5 300,219	9,787	9,313
53	95 128	478,747	4 473,404	9,344	8,869	53	97 153	488,938	4 758,679	9,733	9,258
54	94 681	431,220	3 994,657	9,264	8,789	54	96 903	441,341	4 269,742	9,674	9,200
55	94 177	388,169	3 563,438	9,180	8,705	55	96 623	398,250	3 828,401	9,613	9,138
56	93 621	349,207	3 175,268	9,093	8,618	56	96 310	359,238	3 430,150	9,548	9,074
57	93 004	313,943	2 826,061	9,002	8,527	57	95 965	323,939	3 070,913	9,480	9,005
58	92 322	282,028	2 512,118	8,907	8,433	58	95 588	292,007	2 746,974	9,407	8,932
59	91 569	253,147	2 230,090	8,809	8,335	59	95 173	263,110	2 454,967	9,331	8,856
60	90 750	227,045	1 976,942	8,707	8,232	60	94 725	236,988	2 191,856	9,249	8,774
61	89 858	203,451	1 749,897	8,601	8,126	61	94 225	213,338	1 954,868	9,163	8,688
62	88 886	182,126	1 546,446	8,491	8,016	62	93 689	191,968	1 741,530	9,072	8,597
63	87 825	162,852	1 364,320	8,378	7,903	63	93 115	172,661	1 549,562	8,975	8,500
64	86 685	145,464	1 201,469	8,260	7,785	64	92 486	155,200	1 376,901	8,872	8,397
65	85 449	129,766	1 056,004	8,138	7,663	65	91 795	139,403	1 221,701	8,764	8,289
66	84 132	115,624	926,239	8,011	7,536	66	91 063	125,151	1 082,299	8,648	8,173
67	82 734	102,900	810,614	7,878	7,403	67	90 265	112,266	957,148	8,526	8,051
68	81 246	91,446	707,715	7,739	7,264	68	89 410	100,635	844,882	8,396	7,921
69	79 687	81,169	616,269	7,592	7,118	69	88 474	90,119	744,247	8,258	7,784
70	78 006	71,906	535,100	7,442	6,967	70	87 452	80,614	654,127	8,114	7,640
71	76 266	63,622	463,193	7,280	6,806	71	86 350	72,034	573,514	7,962	7,487
72	74 387	56,158	399,571	7,115	6,640	72	85 167	64,296	501,480	7,800	7,325
73	72 439	49,491	343,413	6,939	6,464	73	83 905	57,325	437,183	7,626	7,152
74	70 357	43,501	293,922	6,757	6,282	74	82 528	51,026	379,859	7,444	6,970
75	68 170	38,144	250,421	6,565	6,090	75	81 055	45,353	328,833	7,250	6,776
76	65 878	33,358	212,277	6,364	5,889	76	79 496	40,254	283,479	7,042	6,567
77	63 429	29,066	178,919	6,156	5,681	77	77 782	35,644	243,225	6,824	6,349
78	60 848	25,234	149,852	5,939	5,464	78	75 931	31,489	207,581	6,592	6,117
79	58 081	21,798	124,618	5,717	5,242	79	73 847	27,715	176,092	6,354	5,879
80	55 150	18,731	102,820	5,489	5,015	80	71 527	24,293	148,377	6,108	5,633
81	52 038	15,995	84,089	5,257	4,783	81	68 919	21,183	124,084	5,858	5,383
82	48 680	13,541	68,095	5,029	4,554	82	65 978	18,352	102,901	5,607	5,132
83	45 143	11,364	54,554	4,801	4,326	83	62 720	15,788	84,548	5,355	4,880
84	41 466	9,446	43,190	4,572	4,097	84	59 163	13,478	68,760	5,102	4,627
85	37 651	7,762	33,744	4,347	3,872	85	55 308	11,402	55,282	4,848	4,374
86	33 710	6,289	25,982	4,131	3,656	86	51 097	9,533	43,880	4,603	4,128
87	29 742	5,022	19,692	3,921	3,447	87	46 643	7,875	34,347	4,361	3,887
88	25 813	3,944	14,671	3,720	3,245	88	41 981	6,415	26,471	4,127	3,652
89	21 974	3,039	10,727	3,530	3,055	89	37 187	5,142	20,057	3,900	3,426
90	18 346	2,296	7,688	3,349	2,874	90	32 370	4,051	14,915	3,682	3,207
91	15 015	1,700	5,392	3,171	2,696	91	27 597	3,125	10,864	3,476	3,001
92	12 026	1,233	3,692	2,995	2,521	92	22 970	2,354	7,738	3,287	2,812
93	9 316	0,864	2,459	2,846	2,372	93	18 663	1,731	5,384	3,111	2,636
94	7 048	0,592	1,595	2,697	2,222	94	14 763	1,239	3,653	2,948	2,473
95	5 145	0,391	1,004	2,568	2,093	95	11 365	0,863	2,414	2,796	2,322
96	3 652	0,251	0,613	2,441	1,966	96	8 492	0,584	1,551	2,657	2,182
97	2 475	0,154	0,362	2,350	1,875	97	6 067	0,377	0,967	2,562	2,088
98	1 642	0,092	0,208	2,249	1,774	98	4 253	0,239	0,590	2,463	1,988
99	1 049	0,053	0,115	2,159	1,684	99	2 921	0,149	0,350	2,353	1,879
100	647	0,030	0,062	2,078	1,603	100	1 937	0,089	0,201	2,256	1,781

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 10,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 024 595,696	10,246	9,771	0	100 000	100 000,000	1 025 885,415	10,259	9,784
1	99 644	89 971,805	924 595,696	10,277	9,801	1	99 699	90 022,091	925 885,415	10,285	9,810
2	99 616	81 216,194	834 623,892	10,277	9,801	2	99 675	81 263,901	835 863,324	10,286	9,811
3	99 601	73 321,459	753 407,698	10,275	9,800	3	99 662	73 366,868	754 599,423	10,285	9,810
4	99 590	66 197,265	680 086,239	10,274	9,798	4	99 652	66 238,647	681 232,555	10,285	9,809
5	99 579	59 765,429	613 888,974	10,272	9,796	5	99 643	59 803,439	614 993,907	10,284	9,808
6	99 569	53 958,849	554 123,545	10,269	9,794	6	99 634	53 993,781	555 190,468	10,282	9,807
7	99 560	48 716,879	500 164,696	10,267	9,792	7	99 625	48 748,537	501 196,687	10,281	9,806
8	99 552	43 984,364	451 447,816	10,264	9,789	8	99 620	44 014,693	452 448,151	10,279	9,804
9	99 543	39 711,605	407 463,452	10,261	9,785	9	99 613	39 739,617	408 433,458	10,278	9,803
10	99 535	35 854,111	367 751,848	10,257	9,782	10	99 607	35 880,077	368 693,841	10,276	9,801
11	99 527	32 371,350	331 897,737	10,253	9,778	11	99 601	32 395,466	332 813,764	10,273	9,798
12	99 520	29 226,947	299 526,387	10,248	9,773	12	99 594	29 248,723	300 418,298	10,271	9,796
13	99 513	26 388,203	270 299,440	10,243	9,768	13	99 586	26 407,609	271 169,574	10,269	9,793
14	99 503	23 824,536	243 911,237	10,238	9,763	14	99 576	23 842,095	244 761,966	10,266	9,791
15	99 490	21 509,078	220 086,701	10,232	9,757	15	99 567	21 525,866	220 919,871	10,263	9,788
16	99 474	19 418,184	198 577,623	10,226	9,751	16	99 555	19 434,083	199 394,004	10,260	9,785
17	99 449	17 529,010	179 159,439	10,221	9,746	17	99 541	17 545,121	179 959,921	10,257	9,782
18	99 422	15 823,200	161 630,429	10,215	9,740	18	99 527	15 839,939	162 414,800	10,253	9,778
19	99 384	14 281,839	145 807,229	10,209	9,734	19	99 507	14 299,610	146 574,861	10,250	9,775
20	99 344	12 890,438	131 525,389	10,203	9,728	20	99 490	12 909,355	132 275,251	10,246	9,771
21	99 301	11 634,195	118 634,951	10,197	9,722	21	99 472	11 654,147	119 365,896	10,242	9,767
22	99 261	10 500,660	107 000,756	10,190	9,715	22	99 455	10 521,197	107 711,748	10,238	9,762
23	99 216	9 477,107	96 500,097	10,182	9,707	23	99 439	9 498,405	97 190,551	10,232	9,757
24	99 175	8 553,703	87 022,990	10,174	9,699	24	99 421	8 574,895	87 692,146	10,227	9,751
25	99 128	7 719,766	78 469,287	10,165	9,690	25	99 403	7 741,176	79 117,251	10,220	9,745
26	99 085	6 967,391	70 749,522	10,154	9,679	26	99 384	6 988,445	71 376,075	10,213	9,738
27	99 039	6 288,211	63 782,131	10,143	9,668	27	99 366	6 308,921	64 387,630	10,206	9,731
28	98 994	5 675,221	57 493,920	10,131	9,656	28	99 344	5 695,317	58 078,709	10,198	9,722
29	98 946	5 121,868	51 818,699	10,117	9,642	29	99 321	5 141,286	52 383,393	10,189	9,714
30	98 894	4 622,299	46 696,831	10,103	9,627	30	99 295	4 641,044	47 242,106	10,179	9,704
31	98 839	4 171,291	42 074,532	10,087	9,612	31	99 264	4 189,230	42 601,062	10,169	9,694
32	98 778	3 764,083	37 903,241	10,070	9,595	32	99 232	3 781,413	38 411,832	10,158	9,683
33	98 715	3 396,565	34 139,159	10,051	9,576	33	99 198	3 413,198	34 630,420	10,146	9,671
34	98 643	3 064,632	30 742,593	10,031	9,556	34	99 163	3 080,784	31 217,222	10,133	9,658
35	98 567	2 765,033	27 677,961	10,010	9,535	35	99 122	2 780,617	28 136,438	10,119	9,644
36	98 488	2 494,641	24 912,928	9,987	9,511	36	99 082	2 509,680	25 355,821	10,103	9,628
37	98 403	2 250,561	22 418,287	9,961	9,486	37	99 036	2 265,038	22 846,141	10,086	9,611
38	98 307	2 030,118	20 167,726	9,934	9,459	38	98 989	2 044,210	20 581,103	10,068	9,593
39	98 202	1 831,107	18 137,607	9,905	9,430	39	98 929	1 844,675	18 536,892	10,049	9,574
40	98 092	1 651,528	16 306,501	9,874	9,398	40	98 870	1 664,619	16 692,218	10,028	9,552
41	97 971	1 489,376	14 654,973	9,840	9,365	41	98 802	1 502,011	15 027,599	10,005	9,530
42	97 840	1 343,015	13 165,597	9,803	9,328	42	98 729	1 355,214	13 525,587	9,980	9,505
43	97 699	1 210,908	11 822,582	9,763	9,288	43	98 651	1 222,698	12 170,373	9,954	9,479
44	97 549	1 091,687	10 611,674	9,720	9,245	44	98 561	1 103,014	10 947,675	9,925	9,450
45	97 374	983,949	9 519,987	9,675	9,200	45	98 465	994,983	9 844,661	9,894	9,419
46	97 183	886,702	8 536,038	9,627	9,152	46	98 352	897,369	8 849,678	9,862	9,387
47	96 971	798,889	7 649,336	9,575	9,100	47	98 232	809,279	7 952,309	9,826	9,351
48	96 741	719,636	6 850,447	9,519	9,044	48	98 098	729,725	7 143,030	9,789	9,313
49	96 484	648,059	6 130,811	9,460	8,985	49	97 941	657,843	6 413,305	9,749	9,274

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 10,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	583,416	5 482,752	9,398	8,922	50	97 770	592,951	5 755,462	9,706	9,231
51	95 878	525,035	4 899,336	9,331	8,856	51	97 589	534,404	5 162,511	9,660	9,185
52	95 523	472,318	4 374,300	9,261	8,786	52	97 380	481,498	4 628,107	9,612	9,137
53	95 128	424,706	3 901,983	9,187	8,712	53	97 153	433,747	4 146,609	9,560	9,085
54	94 681	381,680	3 477,277	9,110	8,635	54	96 903	390,639	3 712,862	9,505	9,029
55	94 177	342,800	3 095,596	9,030	8,555	55	96 623	351,703	3 322,223	9,446	8,971
56	93 621	307,696	2 752,796	8,946	8,471	56	96 310	316,534	2 970,520	9,385	8,909
57	93 004	275,999	2 445,100	8,859	8,384	57	95 965	284,787	2 653,986	9,319	8,844
58	92 322	247,382	2 169,101	8,768	8,293	58	95 588	256,135	2 369,199	9,250	8,775
59	91 569	221,548	1 921,719	8,674	8,199	59	95 173	230,267	2 113,064	9,177	8,701
60	90 750	198,255	1 700,171	8,576	8,100	60	94 725	206,938	1 882,797	9,098	8,623
61	89 858	177,252	1 501,916	8,473	7,998	61	94 225	185,865	1 675,859	9,017	8,541
62	88 886	158,315	1 324,664	8,367	7,892	62	93 689	166,870	1 489,994	8,929	8,454
63	87 825	141,241	1 166,349	8,258	7,783	63	93 115	149,748	1 323,124	8,836	8,360
64	86 685	125,876	1 025,108	8,144	7,669	64	92 486	134,301	1 173,375	8,737	8,262
65	85 449	112,038	899,232	8,026	7,551	65	91 795	120,358	1 039,075	8,633	8,158
66	84 132	99,603	787,194	7,903	7,428	66	91 063	107,810	918,716	8,522	8,046
67	82 734	88,441	687,591	7,775	7,299	67	90 265	96,492	810,907	8,404	7,929
68	81 246	78,420	599,150	7,640	7,165	68	89 410	86,300	714,415	8,278	7,803
69	79 687	69,450	520,730	7,498	7,023	69	88 474	77,108	628,115	8,146	7,671
70	78 006	61,386	451,280	7,352	6,876	70	87 452	68,819	551,007	8,007	7,531
71	76 266	54,191	389,895	7,195	6,720	71	86 350	61,356	482,189	7,859	7,384
72	74 387	47,725	335,704	7,034	6,559	72	85 167	54,641	420,833	7,702	7,227
73	72 439	41,964	287,979	6,862	6,387	73	83 905	48,607	366,191	7,534	7,059
74	70 357	36,802	246,014	6,685	6,210	74	82 528	43,168	317,585	7,357	6,882
75	68 170	32,197	209,212	6,498	6,023	75	81 055	38,282	274,417	7,168	6,693
76	65 878	28,094	177,016	6,301	5,826	76	79 496	33,902	236,134	6,965	6,490
77	63 429	24,424	148,921	6,097	5,622	77	77 782	29,951	202,233	6,752	6,277
78	60 848	21,156	124,497	5,885	5,410	78	75 931	26,400	172,282	6,526	6,051
79	58 081	18,234	103,341	5,668	5,192	79	73 847	23,183	145,881	6,293	5,817
80	55 150	15,633	85,107	5,444	4,969	80	71 527	20,275	122,698	6,052	5,576
81	52 038	13,319	69,474	5,216	4,741	81	68 919	17,640	102,423	5,806	5,331
82	48 680	11,250	56,155	4,991	4,516	82	65 978	15,248	84,783	5,560	5,085
83	45 143	9,420	44,905	4,767	4,292	83	62 720	13,088	69,535	5,313	4,838
84	41 466	7,813	35,485	4,542	4,067	84	59 163	11,147	56,447	5,064	4,588
85	37 651	6,406	27,672	4,320	3,845	85	55 308	9,410	45,299	4,814	4,339
86	33 710	5,178	21,266	4,107	3,632	86	51 097	7,849	35,890	4,572	4,097
87	29 742	4,125	16,088	3,900	3,425	87	46 643	6,470	28,040	4,334	3,859
88	25 813	3,233	11,962	3,700	3,225	88	41 981	5,258	21,571	4,103	3,627
89	21 974	2,485	8,730	3,513	3,038	89	37 187	4,205	16,313	3,879	3,404
90	18 346	1,873	6,245	3,333	2,858	90	32 370	3,305	12,107	3,663	3,188
91	15 015	1,384	4,371	3,158	2,682	91	27 597	2,544	8,802	3,459	2,984
92	12 026	1,001	2,987	2,984	2,508	92	22 970	1,912	6,258	3,272	2,797
93	9 316	0,700	1,986	2,836	2,361	93	18 663	1,403	4,346	3,098	2,622
94	7 048	0,478	1,286	2,687	2,212	94	14 763	1,002	2,943	2,937	2,462
95	5 145	0,315	0,807	2,560	2,085	95	11 365	0,697	1,941	2,786	2,311
96	3 652	0,202	0,492	2,434	1,959	96	8 492	0,470	1,244	2,648	2,172
97	2 475	0,124	0,290	2,344	1,868	97	6 067	0,303	0,774	2,554	2,079
98	1 642	0,074	0,166	2,243	1,768	98	4 253	0,192	0,471	2,456	1,980
99	1 049	0,043	0,092	2,154	1,678	99	2 921	0,119	0,279	2,347	1,872
100	647	0,024	0,049	2,074	1,598	100	1 937	0,071	0,160	2,250	1,775

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 11 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 003 720,526	10,037	9,562	0	100 000	100 000,000	1 004 929,460	10,049	9,574
1	99 644	89 769,165	903 720,526	10,067	9,592	1	99 699	89 819,338	904 929,460	10,075	9,599
2	99 616	80 850,767	813 951,361	10,067	9,592	2	99 675	80 898,260	815 110,122	10,076	9,600
3	99 601	72 827,158	733 100,594	10,066	9,591	3	99 662	72 872,262	734 211,862	10,075	9,600
4	99 590	65 602,905	660 273,435	10,065	9,589	4	99 652	65 643,916	661 339,600	10,075	9,599
5	99 579	59 095,420	594 670,530	10,063	9,587	5	99 643	59 133,004	595 695,684	10,074	9,598
6	99 569	53 233,769	535 575,110	10,061	9,585	6	99 634	53 268,231	536 562,680	10,073	9,597
7	99 560	47 953,991	482 341,341	10,058	9,583	7	99 625	47 985,152	483 294,449	10,072	9,596
8	99 552	43 198,072	434 387,351	10,056	9,580	8	99 620	43 227,859	435 309,297	10,070	9,595
9	99 543	38 913,854	391 189,279	10,053	9,577	9	99 613	38 941,303	392 081,438	10,069	9,593
10	99 535	35 054,721	352 275,425	10,049	9,574	10	99 607	35 080,109	353 140,135	10,067	9,591
11	99 527	31 578,327	317 220,704	10,046	9,570	11	99 601	31 601,853	318 060,026	10,065	9,589
12	99 520	28 446,742	285 642,377	10,041	9,566	12	99 594	28 467,936	286 458,173	10,062	9,587
13	99 513	25 625,931	257 195,635	10,037	9,561	13	99 586	25 644,776	257 990,237	10,060	9,585
14	99 503	23 084,211	231 569,704	10,032	9,556	14	99 576	23 101,225	232 345,461	10,058	9,582
15	99 490	20 793,765	208 485,493	10,026	9,551	15	99 567	20 809,995	209 244,236	10,055	9,579
16	99 474	18 730,127	187 691,728	10,021	9,545	16	99 555	18 745,462	188 434,241	10,052	9,577
17	99 449	16 869,812	168 961,601	10,016	9,540	17	99 541	16 885,317	169 688,779	10,049	9,574
18	99 422	15 193,853	152 091,789	10,010	9,535	18	99 527	15 209,926	152 803,461	10,046	9,571
19	99 384	13 682,911	136 897,936	10,005	9,529	19	99 507	13 699,937	137 593,535	10,043	9,568
20	99 344	12 322,045	123 215,025	10,000	9,524	20	99 490	12 340,128	123 893,598	10,040	9,564
21	99 301	11 096,148	110 892,980	9,994	9,518	21	99 472	11 115,177	111 553,470	10,036	9,561
22	99 261	9 992,478	99 796,832	9,987	9,512	22	99 455	10 012,022	100 438,293	10,032	9,556
23	99 216	8 998,149	89 804,354	9,980	9,505	23	99 439	9 018,371	90 426,272	10,027	9,551
24	99 175	8 103,120	80 806,205	9,972	9,497	24	99 421	8 123,196	81 407,901	10,022	9,546
25	99 128	7 296,642	72 703,085	9,964	9,488	25	99 403	7 316,878	73 284,704	10,016	9,540
26	99 085	6 570,673	65 406,443	9,954	9,479	26	99 384	6 590,528	65 967,826	10,009	9,534
27	99 039	5 916,809	58 835,770	9,944	9,468	27	99 366	5 936,295	59 377,298	10,002	9,527
28	98 994	5 327,996	52 918,962	9,932	9,457	28	99 344	5 346,863	53 441,003	9,995	9,519
29	98 946	4 797,669	47 590,965	9,920	9,444	29	99 321	4 815,859	48 094,140	9,987	9,511
30	98 894	4 319,970	42 793,296	9,906	9,430	30	99 295	4 337,489	43 278,281	9,978	9,502
31	98 839	3 889,680	38 473,326	9,891	9,416	31	99 264	3 906,408	38 940,792	9,968	9,493
32	98 778	3 502,058	34 583,646	9,875	9,400	32	99 232	3 518,182	35 034,384	9,958	9,483
33	98 715	3 153,007	31 081,588	9,858	9,382	33	99 198	3 168,447	31 516,202	9,947	9,471
34	98 643	2 838,468	27 928,581	9,839	9,364	34	99 163	2 853,428	28 347,755	9,935	9,459
35	98 567	2 555,211	25 090,112	9,819	9,344	35	99 122	2 569,612	25 494,327	9,921	9,446
36	98 488	2 300,145	22 534,901	9,797	9,322	36	99 082	2 314,012	22 924,715	9,907	9,431
37	98 403	2 070,422	20 234,756	9,773	9,298	37	99 036	2 083,740	20 610,703	9,891	9,416
38	98 307	1 863,417	18 164,334	9,748	9,272	38	98 989	1 876,352	18 526,963	9,874	9,398
39	98 202	1 676,962	16 300,917	9,721	9,245	39	98 929	1 689,387	16 650,611	9,856	9,380
40	98 092	1 509,094	14 623,955	9,691	9,215	40	98 870	1 521,056	14 961,224	9,836	9,361
41	97 971	1 357,861	13 114,862	9,658	9,183	41	98 802	1 369,381	13 440,168	9,815	9,339
42	97 840	1 221,667	11 757,001	9,624	9,148	42	98 729	1 232,763	12 070,787	9,792	9,316
43	97 699	1 099,015	10 535,334	9,586	9,111	43	98 651	1 109,716	10 838,024	9,766	9,291
44	97 549	988,579	9 436,319	9,545	9,070	44	98 561	998,836	9 728,308	9,740	9,264
45	97 374	889,010	8 447,740	9,502	9,027	45	98 465	898,979	8 729,472	9,710	9,235
46	97 183	799,341	7 558,730	9,456	8,981	46	98 352	808,958	7 830,493	9,680	9,204
47	96 971	718,558	6 759,389	9,407	8,931	47	98 232	727,904	7 021,535	9,646	9,171
48	96 741	645,817	6 040,831	9,354	8,878	48	98 098	654,870	6 293,631	9,610	9,135
49	96 484	580,272	5 395,014	9,297	8,822	49	97 941	589,033	5 638,761	9,573	9,097

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 11 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	521,214	4 814,742	9,238	8,762	50	97 770	529,733	5 049,728	9,533	9,057
51	95 878	468,001	4 293,528	9,174	8,699	51	97 589	476,352	4 519,995	9,489	9,013
52	95 523	420,062	3 825,526	9,107	8,632	52	97 380	428,227	4 043,643	9,443	8,967
53	95 128	376,867	3 405,464	9,036	8,561	53	97 153	384,890	3 615,417	9,393	8,918
54	94 681	337,925	3 028,597	8,962	8,487	54	96 903	345,857	3 230,527	9,341	8,865
55	94 177	302,819	2 690,671	8,885	8,410	55	96 623	310,683	2 884,670	9,285	8,809
56	93 621	271,197	2 387,853	8,805	8,329	56	96 310	278,986	2 573,987	9,226	8,751
57	93 004	242,712	2 116,656	8,721	8,245	57	95 965	250,440	2 295,001	9,164	8,688
58	92 322	217,056	1 873,944	8,633	8,158	58	95 588	224,736	2 044,561	9,098	8,622
59	91 569	193,951	1 656,888	8,543	8,067	59	95 173	201,584	1 819,825	9,028	8,552
60	90 750	173,169	1 462,937	8,448	7,972	60	94 725	180,753	1 618,240	8,953	8,477
61	89 858	154,474	1 289,768	8,349	7,874	61	94 225	161,981	1 437,488	8,874	8,399
62	88 886	137,660	1 135,294	8,247	7,772	62	93 689	145,099	1 275,506	8,791	8,315
63	87 825	122,537	997,634	8,141	7,666	63	93 115	129,918	1 130,407	8,701	8,225
64	86 685	108,961	875,096	8,031	7,556	64	92 486	116,254	1 000,489	8,606	8,131
65	85 449	96,764	766,135	7,918	7,442	65	91 795	103,950	884,235	8,506	8,031
66	84 132	85,831	669,371	7,799	7,323	66	91 063	92,902	780,285	8,399	7,923
67	82 734	76,041	583,540	7,674	7,199	67	90 265	82,963	687,383	8,285	7,810
68	81 246	67,272	507,500	7,544	7,068	68	89 410	74,032	604,420	8,164	7,689
69	79 687	59,443	440,227	7,406	6,930	69	88 474	65,998	530,388	8,036	7,561
70	78 006	52,423	380,784	7,264	6,788	70	87 452	58,770	464,390	7,902	7,426
71	76 266	46,174	328,361	7,111	6,636	71	86 350	52,279	405,619	7,759	7,283
72	74 387	40,573	282,187	6,955	6,479	72	85 167	46,453	353,340	7,606	7,131
73	72 439	35,596	241,614	6,788	6,312	73	83 905	41,230	306,887	7,443	6,968
74	70 357	31,146	206,018	6,615	6,139	74	82 528	36,534	265,657	7,271	6,796
75	68 170	27,187	174,872	6,432	5,957	75	81 055	32,326	229,123	7,088	6,612
76	65 878	23,670	147,684	6,239	5,764	76	79 496	28,563	196,797	6,890	6,414
77	63 429	20,531	124,014	6,040	5,565	77	77 782	25,177	168,234	6,682	6,206
78	60 848	17,744	103,483	5,832	5,356	78	75 931	22,142	143,057	6,461	5,985
79	58 081	15,259	85,739	5,619	5,143	79	73 847	19,401	120,914	6,232	5,757
80	55 150	13,053	70,480	5,400	4,924	80	71 527	16,929	101,514	5,996	5,521
81	52 038	11,096	57,428	5,176	4,700	81	68 919	14,695	84,585	5,756	5,280
82	48 680	9,351	46,332	4,955	4,479	82	65 978	12,674	69,889	5,514	5,039
83	45 143	7,812	36,981	4,734	4,258	83	62 720	10,854	57,215	5,271	4,796
84	41 466	6,465	29,168	4,512	4,036	84	59 163	9,224	46,361	5,026	4,551
85	37 651	5,288	22,703	4,293	3,818	85	55 308	7,768	37,137	4,781	4,305
86	33 710	4,266	17,415	4,083	3,607	86	51 097	6,466	29,369	4,542	4,067
87	29 742	3,391	13,149	3,878	3,403	87	46 643	5,317	22,903	4,307	3,832
88	25 813	2,651	9,759	3,681	3,206	88	41 981	4,312	17,586	4,079	3,603
89	21 974	2,033	7,108	3,496	3,020	89	37 187	3,441	13,274	3,858	3,382
90	18 346	1,529	5,075	3,318	2,843	90	32 370	2,698	9,834	3,644	3,169
91	15 015	1,128	3,545	3,144	2,669	91	27 597	2,072	7,135	3,443	2,968
92	12 026	0,814	2,418	2,972	2,496	92	22 970	1,554	5,063	3,258	2,782
93	9 316	0,568	1,604	2,826	2,350	93	18 663	1,138	3,509	3,085	2,609
94	7 048	0,387	1,036	2,678	2,203	94	14 763	0,811	2,371	2,925	2,450
95	5 145	0,255	0,649	2,552	2,076	95	11 365	0,562	1,561	2,776	2,301
96	3 652	0,163	0,395	2,427	1,951	96	8 492	0,378	0,999	2,639	2,163
97	2 475	0,099	0,232	2,337	1,862	97	6 067	0,244	0,620	2,546	2,071
98	1 642	0,059	0,133	2,237	1,762	98	4 253	0,154	0,377	2,448	1,973
99	1 049	0,034	0,073	2,148	1,673	99	2 921	0,095	0,223	2,340	1,865
100	647	0,019	0,039	2,069	1,593	100	1 937	0,057	0,128	2,244	1,768

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 11,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	983 758,975	9,838	9,362	0	100 000	100 000,000	984 895,365	9,849	9,373
1	99 644	89 567,437	883 758,975	9,867	9,391	1	99 699	89 617,497	884 895,365	9,874	9,398
2	99 616	80 487,802	794 191,538	9,867	9,391	2	99 675	80 535,081	795 277,867	9,875	9,399
3	99 601	72 337,291	713 703,736	9,866	9,390	3	99 662	72 382,091	714 742,787	9,875	9,399
4	99 590	65 015,201	641 366,445	9,865	9,389	4	99 652	65 055,844	642 360,695	9,874	9,398
5	99 579	58 434,404	576 351,244	9,863	9,387	5	99 643	58 471,568	577 304,851	9,873	9,397
6	99 569	52 520,030	517 916,840	9,861	9,385	6	99 634	52 554,031	518 833,284	9,872	9,396
7	99 560	47 204,724	465 396,810	9,859	9,383	7	99 625	47 235,399	466 279,253	9,871	9,395
8	99 552	42 427,558	418 192,085	9,857	9,381	8	99 620	42 456,813	419 043,854	9,870	9,394
9	99 543	38 133,869	375 764,527	9,854	9,378	9	99 613	38 160,768	376 587,040	9,868	9,393
10	99 535	34 274,893	337 630,658	9,851	9,375	10	99 607	34 299,716	338 426,272	9,867	9,391
11	99 527	30 806,451	303 355,765	9,847	9,371	11	99 601	30 829,402	304 126,556	9,865	9,389
12	99 520	27 689,049	272 549,313	9,843	9,367	12	99 594	27 709,679	273 297,154	9,863	9,387
13	99 513	24 887,319	244 860,264	9,839	9,363	13	99 586	24 905,621	245 587,475	9,861	9,385
14	99 503	22 368,479	219 972,945	9,834	9,358	14	99 576	22 384,966	220 681,854	9,858	9,383
15	99 490	20 103,770	197 604,466	9,829	9,353	15	99 567	20 119,462	198 296,888	9,856	9,380
16	99 474	18 067,916	177 500,695	9,824	9,348	16	99 555	18 082,710	178 177,426	9,853	9,378
17	99 449	16 236,804	159 432,779	9,819	9,343	17	99 541	16 251,728	160 094,717	9,851	9,375
18	99 422	14 590,870	143 195,975	9,814	9,338	18	99 527	14 606,305	143 842,989	9,848	9,372
19	99 384	13 110,363	128 605,105	9,809	9,334	19	99 507	13 126,677	129 236,684	9,845	9,369
20	99 344	11 779,910	115 494,741	9,804	9,328	20	99 490	11 797,197	116 110,007	9,842	9,366
21	99 301	10 584,111	103 714,831	9,799	9,323	21	99 472	10 602,262	104 312,810	9,839	9,363
22	99 261	9 509,952	93 130,721	9,793	9,317	22	99 455	9 528,552	93 710,548	9,835	9,359
23	99 216	8 544,393	83 620,769	9,787	9,311	23	99 439	8 563,596	84 181,996	9,830	9,354
24	99 175	7 677,208	75 076,376	9,779	9,303	24	99 421	7 696,229	75 618,401	9,825	9,349
25	99 128	6 897,584	67 399,168	9,771	9,296	25	99 403	6 916,714	67 922,172	9,820	9,344
26	99 085	6 197,361	60 501,584	9,762	9,287	26	99 384	6 216,088	61 005,458	9,814	9,338
27	99 039	5 568,105	54 304,223	9,753	9,277	27	99 366	5 586,443	54 789,370	9,808	9,332
28	98 994	5 002,727	48 736,118	9,742	9,266	28	99 344	5 020,442	49 202,927	9,801	9,325
29	98 946	4 494,653	43 733,391	9,730	9,254	29	99 321	4 511,693	44 182,485	9,793	9,317
30	98 894	4 038,030	39 238,739	9,717	9,241	30	99 295	4 054,405	39 670,792	9,785	9,309
31	98 839	3 627,652	35 200,709	9,703	9,228	31	99 264	3 643,253	35 616,387	9,776	9,300
32	98 778	3 258,802	31 573,057	9,689	9,213	32	99 232	3 273,806	31 973,134	9,766	9,290
33	98 715	2 927,404	28 314,255	9,672	9,196	33	99 198	2 941,739	28 699,328	9,756	9,280
34	98 643	2 629,449	25 386,851	9,655	9,179	34	99 163	2 643,307	25 757,589	9,744	9,269
35	98 567	2 361,730	22 757,402	9,636	9,160	35	99 122	2 375,041	23 114,282	9,732	9,256
36	98 488	2 121,201	20 395,672	9,615	9,139	36	99 082	2 133,989	20 739,241	9,719	9,243
37	98 403	1 905,059	18 274,471	9,593	9,117	37	99 036	1 917,313	18 605,252	9,704	9,228
38	98 307	1 710,734	16 369,413	9,569	9,093	38	98 989	1 722,609	16 687,939	9,688	9,212
39	98 202	1 536,097	14 658,679	9,543	9,067	39	98 929	1 547,479	14 965,330	9,671	9,195
40	98 092	1 379,223	13 122,582	9,514	9,039	40	98 870	1 390,156	13 417,852	9,652	9,176
41	97 971	1 238,217	11 743,359	9,484	9,008	41	98 802	1 248,721	12 027,696	9,632	9,156
42	97 840	1 111,519	10 505,142	9,451	8,975	42	98 729	1 121,615	10 778,974	9,610	9,134
43	97 699	997,679	9 393,623	9,415	8,940	43	98 651	1 007,393	9 657,359	9,586	9,111
44	97 549	895,409	8 395,944	9,377	8,901	44	98 561	904,700	8 649,966	9,561	9,085
45	97 374	803,415	7 500,535	9,336	8,860	45	98 465	812,424	7 745,266	9,534	9,058
46	97 183	720,756	6 697,120	9,292	8,816	46	98 352	729,427	6 932,842	9,504	9,029
47	96 971	646,459	5 976,363	9,245	8,769	47	98 232	654,867	6 203,414	9,473	8,997
48	96 741	579,711	5 329,904	9,194	8,718	48	98 098	587,838	5 548,548	9,439	8,963
49	96 484	519,705	4 750,194	9,140	8,664	49	97 941	527,551	4 960,710	9,403	8,927

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 11,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	465,762	4 230,489	9,083	8,607	50	97 770	473,374	4 433,159	9,365	8,889
51	95 878	417,271	3 764,727	9,022	8,546	51	97 589	424,716	3 959,785	9,323	8,847
52	95 523	373,686	3 347,456	8,958	8,482	52	97 380	380,950	3 535,068	9,280	8,804
53	95 128	334,507	2 973,770	8,890	8,414	53	97 153	341,628	3 154,119	9,233	8,757
54	94 681	299,268	2 639,262	8,819	8,343	54	96 903	306,293	2 812,491	9,182	8,706
55	94 177	267,575	2 339,994	8,745	8,269	55	96 623	274,524	2 506,198	9,129	8,653
56	93 621	239,095	2 072,419	8,668	8,192	56	96 310	245,962	2 231,675	9,073	8,597
57	93 004	213,501	1 833,325	8,587	8,111	57	95 965	220,299	1 985,712	9,014	8,538
58	92 322	190,504	1 619,824	8,503	8,027	58	95 588	197,244	1 765,414	8,950	8,474
59	91 569	169,843	1 429,320	8,416	7,940	59	95 173	176,527	1 568,169	8,883	8,408
60	90 750	151,303	1 259,477	8,324	7,848	60	94 725	157,929	1 391,642	8,812	8,336
61	89 858	134,666	1 108,174	8,229	7,753	61	94 225	141,210	1 233,713	8,737	8,261
62	88 886	119,738	973,509	8,130	7,654	62	93 689	126,209	1 092,503	8,656	8,180
63	87 825	106,344	853,771	8,028	7,552	63	93 115	112,750	966,294	8,570	8,094
64	86 685	94,350	747,426	7,922	7,446	64	92 486	100,664	853,544	8,479	8,003
65	85 449	83,600	653,077	7,812	7,336	65	91 795	89,809	752,880	8,383	7,907
66	84 132	73,987	569,476	7,697	7,221	66	91 063	80,083	663,072	8,280	7,804
67	82 734	65,401	495,489	7,576	7,100	67	90 265	71,354	582,988	8,170	7,694
68	81 246	57,730	430,088	7,450	6,974	68	89 410	63,531	511,634	8,053	7,577
69	79 687	50,896	372,358	7,316	6,840	69	88 474	56,508	448,103	7,930	7,454
70	78 006	44,784	321,462	7,178	6,702	70	87 452	50,207	391,595	7,800	7,324
71	76 266	39,358	276,678	7,030	6,554	71	86 350	44,561	341,388	7,661	7,185
72	74 387	34,506	237,320	6,878	6,402	72	85 167	39,506	296,826	7,513	7,037
73	72 439	30,205	202,814	6,715	6,239	73	83 905	34,985	257,320	7,355	6,879
74	70 357	26,370	172,609	6,546	6,070	74	82 528	30,931	222,334	7,188	6,712
75	68 170	22,966	146,240	6,368	5,892	75	81 055	27,307	191,403	7,009	6,533
76	65 878	19,950	123,273	6,179	5,703	76	79 496	24,074	164,096	6,816	6,340
77	63 429	17,266	103,324	5,984	5,508	77	77 782	21,173	140,022	6,613	6,137
78	60 848	14,888	86,058	5,780	5,304	78	75 931	18,579	118,849	6,397	5,921
79	58 081	12,774	71,170	5,571	5,095	79	73 847	16,242	100,270	6,174	5,698
80	55 150	10,903	58,395	5,356	4,880	80	71 527	14,141	84,029	5,942	5,466
81	52 038	9,247	47,493	5,136	4,660	81	68 919	12,247	69,888	5,706	5,231
82	48 680	7,776	38,245	4,918	4,443	82	65 978	10,539	57,641	5,469	4,993
83	45 143	6,482	30,469	4,701	4,225	83	62 720	9,005	47,102	5,230	4,754
84	41 466	5,352	23,988	4,482	4,006	84	59 163	7,636	38,097	4,989	4,513
85	37 651	4,368	18,636	4,267	3,791	85	55 308	6,416	30,461	4,747	4,272
86	33 710	3,515	14,268	4,059	3,583	86	51 097	5,328	24,045	4,513	4,037
87	29 742	2,788	10,753	3,857	3,381	87	46 643	4,372	18,716	4,281	3,805
88	25 813	2,175	7,965	3,662	3,186	88	41 981	3,537	14,344	4,055	3,579
89	21 974	1,664	5,790	3,479	3,003	89	37 187	2,816	10,807	3,837	3,361
90	18 346	1,249	4,126	3,304	2,828	90	32 370	2,204	7,991	3,626	3,150
91	15 015	0,919	2,877	3,131	2,655	91	27 597	1,689	5,787	3,427	2,951
92	12 026	0,661	1,958	2,960	2,484	92	22 970	1,263	4,098	3,244	2,768
93	9 316	0,461	1,297	2,815	2,339	93	18 663	0,923	2,835	3,072	2,596
94	7 048	0,313	0,836	2,669	2,193	94	14 763	0,656	1,912	2,914	2,438
95	5 145	0,206	0,523	2,544	2,068	95	11 365	0,454	1,256	2,766	2,290
96	3 652	0,131	0,317	2,420	1,944	96	8 492	0,305	0,802	2,630	2,154
97	2 475	0,080	0,186	2,331	1,855	97	6 067	0,196	0,497	2,538	2,062
98	1 642	0,048	0,106	2,231	1,755	98	4 253	0,123	0,301	2,441	1,965
99	1 049	0,027	0,059	2,143	1,667	99	2 921	0,076	0,178	2,334	1,858
100	647	0,015	0,031	2,064	1,588	100	1 937	0,045	0,102	2,238	1,762

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 11,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	964 653,214	9,647	9,170	0	100 000	100 000,000	965 724,279	9,657	9,181
1	99 644	89 366,613	864 653,214	9,675	9,199	1	99 699	89 416,561	865 724,279	9,682	9,206
2	99 616	80 127,274	775 286,601	9,676	9,199	2	99 675	80 174,342	776 307,717	9,683	9,206
3	99 601	71 851,808	695 159,327	9,675	9,199	3	99 662	71 896,307	696 133,376	9,682	9,206
4	99 590	64 434,063	623 307,519	9,674	9,197	4	99 652	64 474,343	624 237,069	9,682	9,206
5	99 579	57 782,241	558 873,456	9,672	9,196	5	99 643	57 818,990	559 762,726	9,681	9,205
6	99 569	51 817,432	501 091,215	9,670	9,194	6	99 634	51 850,977	501 943,736	9,681	9,204
7	99 560	46 468,808	449 273,783	9,668	9,192	7	99 625	46 499,005	450 092,759	9,680	9,203
8	99 552	41 672,471	402 804,975	9,666	9,190	8	99 620	41 701,206	403 593,754	9,678	9,202
9	99 543	37 371,217	361 132,504	9,663	9,187	9	99 613	37 397,578	361 892,548	9,677	9,201
10	99 535	33 514,105	323 761,287	9,660	9,184	10	99 607	33 538,377	324 494,970	9,675	9,199
11	99 527	30 055,112	290 247,181	9,657	9,181	11	99 601	30 077,503	290 956,593	9,674	9,197
12	99 520	26 953,171	260 192,070	9,653	9,177	12	99 594	26 973,253	260 879,090	9,672	9,195
13	99 513	24 171,583	233 238,899	9,649	9,173	13	99 586	24 189,359	233 905,837	9,670	9,194
14	99 503	21 676,472	209 067,315	9,645	9,169	14	99 576	21 692,448	209 716,479	9,668	9,191
15	99 490	19 438,144	187 390,843	9,640	9,164	15	99 567	19 453,316	188 024,030	9,665	9,189
16	99 474	17 430,526	167 952,699	9,636	9,159	16	99 555	17 444,798	168 570,714	9,663	9,187
17	99 449	15 628,890	150 522,173	9,631	9,155	17	99 541	15 643,255	151 125,916	9,661	9,184
18	99 422	14 013,091	134 893,283	9,626	9,150	18	99 527	14 027,915	135 482,661	9,658	9,182
19	99 384	12 562,979	120 880,192	9,622	9,146	19	99 507	12 578,611	121 454,747	9,656	9,179
20	99 344	11 262,765	108 317,213	9,617	9,141	20	99 490	11 279,293	108 876,136	9,653	9,176
21	99 301	10 096,772	97 054,448	9,612	9,136	21	99 472	10 114,088	97 596,843	9,650	9,173
22	99 261	9 051,731	86 957,676	9,607	9,130	22	99 455	9 069,435	87 482,755	9,646	9,170
23	99 216	8 114,462	77 905,944	9,601	9,125	23	99 439	8 132,698	78 413,320	9,642	9,165
24	99 175	7 274,564	69 791,483	9,594	9,118	24	99 421	7 292,587	70 280,621	9,637	9,161
25	99 128	6 521,174	62 516,919	9,587	9,110	25	99 403	6 539,260	62 988,034	9,632	9,156
26	99 085	5 846,026	55 995,744	9,578	9,102	26	99 384	5 863,692	56 448,774	9,627	9,151
27	99 039	5 240,667	50 149,718	9,569	9,093	27	99 366	5 257,926	50 585,083	9,621	9,144
28	98 994	4 697,979	44 909,052	9,559	9,083	28	99 344	4 714,614	45 327,156	9,614	9,138
29	98 946	4 211,391	40 211,073	9,548	9,072	29	99 321	4 227,357	40 612,542	9,607	9,131
30	98 894	3 775,062	35 999,682	9,536	9,060	30	99 295	3 790,371	36 385,184	9,599	9,123
31	98 839	3 383,805	32 224,620	9,523	9,047	31	99 264	3 398,358	32 594,814	9,591	9,115
32	98 778	3 032,934	28 840,815	9,509	9,033	32	99 232	3 046,897	29 196,456	9,582	9,106
33	98 715	2 718,395	25 807,882	9,494	9,018	33	99 198	2 731,707	26 149,559	9,573	9,096
34	98 643	2 436,239	23 089,486	9,478	9,001	34	99 163	2 449,079	23 417,852	9,562	9,086
35	98 567	2 183,286	20 653,248	9,460	8,983	35	99 122	2 195,591	20 968,773	9,550	9,074
36	98 488	1 956,533	18 469,961	9,440	8,964	36	99 082	1 968,329	18 773,181	9,538	9,061
37	98 403	1 753,230	16 513,428	9,419	8,943	37	99 036	1 764,508	16 804,853	9,524	9,048
38	98 307	1 570,863	14 760,198	9,396	8,920	38	98 989	1 581,767	15 040,345	9,509	9,032
39	98 202	1 407,342	13 189,335	9,372	8,896	39	98 929	1 417,769	13 458,578	9,493	9,017
40	98 092	1 260,784	11 781,993	9,345	8,869	40	98 870	1 270,778	12 040,808	9,475	8,999
41	97 971	1 129,348	10 521,209	9,316	8,840	41	98 802	1 138,929	10 770,031	9,456	8,980
42	97 840	1 011,517	9 391,861	9,285	8,809	42	98 729	1 020,705	9 631,101	9,436	8,959
43	97 699	905,883	8 380,344	9,251	8,775	43	98 651	914,704	8 610,396	9,413	8,937
44	97 549	811,201	7 474,460	9,214	8,738	44	98 561	819,617	7 695,692	9,389	8,913
45	97 374	726,226	6 663,260	9,175	8,699	45	98 465	734,369	6 876,075	9,363	8,887
46	97 183	650,048	5 937,034	9,133	8,657	46	98 352	657,868	6 141,705	9,336	8,859
47	96 971	581,732	5 286,986	9,088	8,612	47	98 232	589,298	5 483,837	9,306	8,829
48	96 741	520,498	4 705,253	9,040	8,564	48	98 098	527,794	4 894,539	9,274	8,797
49	96 484	465,574	4 184,756	8,988	8,512	49	97 941	472,604	4 366,744	9,240	8,763

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 11,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	416,315	3 719,182	8,934	8,457	50	97 770	423,119	3 894,141	9,203	8,727
51	95 878	372,135	3 302,867	8,875	8,399	51	97 589	378,775	3 471,022	9,164	8,688
52	95 523	332,518	2 930,731	8,814	8,337	52	97 380	338,981	3 092,247	9,122	8,646
53	95 128	296,988	2 598,213	8,749	8,272	53	97 153	303,310	2 753,265	9,077	8,601
54	94 681	265,105	2 301,226	8,680	8,204	54	96 903	271,328	2 449,956	9,029	8,553
55	94 177	236,499	2 036,120	8,609	8,133	55	96 623	242,641	2 178,628	8,979	8,503
56	93 621	210,852	1 799,622	8,535	8,059	56	96 310	216,909	1 935,987	8,925	8,449
57	93 004	187,860	1 588,769	8,457	7,981	57	95 965	193,841	1 719,079	8,868	8,392
58	92 322	167,249	1 400,910	8,376	7,900	58	95 588	173,166	1 525,238	8,808	8,332
59	91 569	148,775	1 233,661	8,292	7,816	59	95 173	154,631	1 352,071	8,744	8,268
60	90 750	132,238	1 084,886	8,204	7,728	60	94 725	138,029	1 197,441	8,675	8,199
61	89 858	117,433	952,648	8,112	7,636	61	94 225	123,140	1 059,411	8,603	8,127
62	88 886	104,182	835,214	8,017	7,541	62	93 689	109,812	936,271	8,526	8,050
63	87 825	92,321	731,033	7,918	7,442	63	93 115	97,882	826,459	8,443	7,967
64	86 685	81,724	638,712	7,815	7,339	64	92 486	87,194	728,578	8,356	7,880
65	85 449	72,251	556,988	7,709	7,233	65	91 795	77,616	641,384	8,264	7,787
66	84 132	63,800	484,737	7,598	7,122	66	91 063	69,056	563,768	8,164	7,688
67	82 734	56,269	420,938	7,481	7,005	67	90 265	61,391	494,712	8,058	7,582
68	81 246	49,557	364,668	7,359	6,882	68	89 410	54,537	433,321	7,945	7,469
69	79 687	43,594	315,111	7,228	6,752	69	88 474	48,400	378,783	7,826	7,350
70	78 006	38,272	271,517	7,094	6,618	70	87 452	42,907	330,383	7,700	7,224
71	76 266	33,560	233,245	6,950	6,474	71	86 350	37,997	287,476	7,566	7,090
72	74 387	29,357	199,685	6,802	6,326	72	85 167	33,611	249,479	7,423	6,946
73	72 439	25,639	170,329	6,643	6,167	73	83 905	29,698	215,869	7,269	6,793
74	70 357	22,334	144,689	6,478	6,002	74	82 528	26,197	186,171	7,106	6,630
75	68 170	19,408	122,355	6,304	5,828	75	81 055	23,076	159,973	6,932	6,456
76	65 878	16,821	102,947	6,120	5,644	76	79 496	20,298	136,897	6,744	6,268
77	63 429	14,525	86,127	5,929	5,453	77	77 782	17,812	116,599	6,546	6,070
78	60 848	12,497	71,601	5,730	5,253	78	75 931	15,595	98,787	6,335	5,858
79	58 081	10,698	59,104	5,525	5,048	79	73 847	13,602	83,192	6,116	5,640
80	55 150	9,111	48,406	5,313	4,837	80	71 527	11,816	69,590	5,889	5,413
81	52 038	7,710	39,295	5,097	4,620	81	68 919	10,211	57,774	5,658	5,182
82	48 680	6,469	31,585	4,883	4,407	82	65 978	8,767	47,562	5,425	4,949
83	45 143	5,380	25,117	4,669	4,192	83	62 720	7,475	38,795	5,190	4,714
84	41 466	4,432	19,737	4,453	3,977	84	59 163	6,324	31,321	4,953	4,477
85	37 651	3,609	15,305	4,240	3,764	85	55 308	5,302	24,997	4,715	4,239
86	33 710	2,898	11,695	4,036	3,559	86	51 097	4,393	19,695	4,483	4,007
87	29 742	2,293	8,797	3,836	3,360	87	46 643	3,596	15,302	4,255	3,779
88	25 813	1,785	6,504	3,644	3,167	88	41 981	2,903	11,706	4,032	3,556
89	21 974	1,363	4,719	3,463	2,986	89	37 187	2,306	8,803	3,817	3,340
90	18 346	1,020	3,356	3,289	2,813	90	32 370	1,801	6,496	3,608	3,132
91	15 015	0,749	2,336	3,118	2,642	91	27 597	1,377	4,696	3,411	2,935
92	12 026	0,538	1,587	2,949	2,473	92	22 970	1,028	3,319	3,230	2,753
93	9 316	0,374	1,049	2,805	2,329	93	18 663	0,749	2,291	3,060	2,583
94	7 048	0,254	0,675	2,660	2,184	94	14 763	0,531	1,542	2,903	2,427
95	5 145	0,166	0,421	2,536	2,060	95	11 365	0,367	1,011	2,756	2,280
96	3 652	0,106	0,255	2,413	1,936	96	8 492	0,246	0,644	2,621	2,145
97	2 475	0,064	0,149	2,324	1,848	97	6 067	0,157	0,398	2,530	2,054
98	1 642	0,038	0,085	2,226	1,749	98	4 253	0,099	0,241	2,434	1,958
99	1 049	0,022	0,047	2,138	1,662	99	2 921	0,061	0,142	2,328	1,851
100	647	0,012	0,025	2,060	1,583	100	1 937	0,036	0,081	2,232	1,756

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 11,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	946 350,097	9,464	8,987	0	100 000	100 000,000	947 362,173	9,474	8,997
1	99 644	89 166,688	846 350,097	9,492	9,015	1	99 699	89 216,524	847 362,173	9,498	9,021
2	99 616	79 769,164	757 183,409	9,492	9,016	2	99 675	79 816,021	758 145,649	9,499	9,022
3	99 601	71 370,659	677 414,245	9,491	9,015	3	99 662	71 414,860	678 329,627	9,498	9,022
4	99 590	63 859,404	606 043,586	9,490	9,014	4	99 652	63 899,325	606 914,767	9,498	9,021
5	99 579	57 138,792	542 184,182	9,489	9,012	5	99 643	57 175,132	543 015,443	9,497	9,021
6	99 569	51 125,774	485 045,390	9,487	9,011	6	99 634	51 158,872	485 840,311	9,497	9,020
7	99 560	45 745,974	433 919,616	9,485	9,009	7	99 625	45 775,701	434 681,439	9,496	9,019
8	99 552	40 932,469	388 173,641	9,483	9,007	8	99 620	40 960,693	388 905,738	9,495	9,018
9	99 543	36 625,475	347 241,172	9,481	9,004	9	99 613	36 651,310	347 945,044	9,493	9,017
10	99 535	32 771,852	310 615,697	9,478	9,001	10	99 607	32 795,587	311 293,734	9,492	9,015
11	99 527	29 323,718	277 843,845	9,475	8,998	11	99 601	29 345,564	278 498,148	9,490	9,014
12	99 520	26 238,433	248 520,127	9,472	8,995	12	99 594	26 257,982	249 152,584	9,489	9,012
13	99 513	23 477,966	222 281,694	9,468	8,991	13	99 586	23 495,231	222 894,601	9,487	9,010
14	99 503	21 007,351	198 803,728	9,464	8,987	14	99 576	21 022,834	199 399,371	9,485	9,008
15	99 490	18 795,974	177 796,378	9,459	8,983	15	99 567	18 810,645	178 376,536	9,483	9,006
16	99 474	16 816,975	159 000,404	9,455	8,978	16	99 555	16 830,744	159 565,892	9,481	9,004
17	99 449	15 045,023	142 183,429	9,451	8,974	17	99 541	15 058,851	142 735,148	9,478	9,002
18	99 422	13 459,409	127 138,406	9,446	8,969	18	99 527	13 473,647	127 676,297	9,476	8,999
19	99 384	12 039,598	113 678,998	9,442	8,965	19	99 507	12 054,579	114 202,650	9,474	8,997
20	99 344	10 769,405	101 639,399	9,438	8,961	20	99 490	10 785,210	102 148,071	9,471	8,994
21	99 301	9 632,890	90 869,994	9,433	8,957	21	99 472	9 649,410	91 362,861	9,468	8,992
22	99 261	8 616,543	81 237,104	9,428	8,951	22	99 455	8 633,395	81 713,451	9,465	8,988
23	99 216	7 707,055	72 620,561	9,423	8,946	23	99 439	7 724,375	73 080,056	9,461	8,984
24	99 175	6 893,869	64 913,506	9,416	8,939	24	99 421	6 910,949	65 355,680	9,457	8,980
25	99 128	6 166,081	58 019,637	9,409	8,933	25	99 403	6 183,181	58 444,731	9,452	8,976
26	99 085	5 515,329	51 853,557	9,402	8,925	26	99 384	5 531,996	52 261,550	9,447	8,971
27	99 039	4 933,153	46 338,227	9,393	8,917	27	99 366	4 949,400	46 729,554	9,441	8,965
28	98 994	4 412,416	41 405,074	9,384	8,907	28	99 344	4 428,040	41 780,154	9,435	8,959
29	98 946	3 946,556	36 992,658	9,373	8,897	29	99 321	3 961,519	37 352,114	9,429	8,952
30	98 894	3 529,752	33 046,102	9,362	8,886	30	99 295	3 544,066	33 390,595	9,422	8,945
31	98 839	3 156,841	29 516,351	9,350	8,873	31	99 264	3 170,418	29 846,529	9,414	8,937
32	98 778	2 823,174	26 359,509	9,337	8,860	32	99 232	2 836,172	26 676,112	9,406	8,929
33	98 715	2 524,729	23 536,335	9,322	8,846	33	99 198	2 537,092	23 839,940	9,397	8,920
34	98 643	2 257,612	21 011,607	9,307	8,830	34	99 163	2 269,510	21 302,848	9,387	8,910
35	98 567	2 018,680	18 753,995	9,290	8,814	35	99 122	2 030,057	19 033,337	9,376	8,899
36	98 488	1 804,976	16 735,315	9,272	8,795	36	99 082	1 815,857	17 003,280	9,364	8,887
37	98 403	1 613,802	14 930,340	9,252	8,775	37	99 036	1 624,183	15 187,423	9,351	8,874
38	98 307	1 442,704	13 316,537	9,230	8,754	38	98 989	1 452,718	13 563,240	9,336	8,860
39	98 202	1 289,631	11 873,834	9,207	8,731	39	98 929	1 299,187	12 110,522	9,322	8,845
40	98 092	1 152,747	10 584,202	9,182	8,705	40	98 870	1 161,885	10 811,335	9,305	8,828
41	97 971	1 030,264	9 431,455	9,154	8,678	41	98 802	1 039,005	9 649,450	9,287	8,811
42	97 840	920,707	8 401,191	9,125	8,648	42	98 729	929,070	8 610,445	9,268	8,791
43	97 699	822,712	7 480,484	9,092	8,616	43	98 651	830,723	7 681,376	9,247	8,770
44	97 549	735,074	6 657,772	9,057	8,581	44	98 561	742,701	6 850,653	9,224	8,747
45	97 374	656,602	5 922,698	9,020	8,544	45	98 465	663,964	6 107,952	9,199	8,723
46	97 183	586,412	5 266,097	8,980	8,504	46	98 352	593,467	5 443,988	9,173	8,697
47	96 971	523,610	4 679,685	8,937	8,461	47	98 232	530,420	4 850,521	9,145	8,668
48	96 741	467,445	4 156,075	8,891	8,414	48	98 098	473,998	4 320,101	9,114	8,638
49	96 484	417,185	3 688,629	8,842	8,365	49	97 941	423,483	3 846,103	9,082	8,605

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 11,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	372,210	3 271,445	8,789	8,313	50	97 770	378,294	3 422,619	9,048	8,571
51	95 878	331,967	2 899,234	8,733	8,257	51	97 589	337,890	3 044,325	9,010	8,533
52	95 523	295,963	2 567,267	8,674	8,198	52	97 380	301,715	2 706,435	8,970	8,494
53	95 128	263,747	2 271,304	8,612	8,135	53	97 153	269,361	2 404,720	8,927	8,451
54	94 681	234,906	2 007,558	8,546	8,070	54	96 903	240,420	2 135,359	8,882	8,405
55	94 177	209,090	1 772,651	8,478	8,001	55	96 623	214,520	1 894,939	8,833	8,357
56	93 621	185,998	1 563,562	8,406	7,930	56	96 310	191,341	1 680,419	8,782	8,306
57	93 004	165,345	1 377,563	8,331	7,855	57	95 965	170,610	1 489,078	8,728	8,251
58	92 322	146,875	1 212,218	8,253	7,777	58	95 588	152,072	1 318,469	8,670	8,193
59	91 569	130,360	1 065,343	8,172	7,696	59	95 173	135,490	1 166,397	8,609	8,132
60	90 750	115,610	934,983	8,087	7,611	60	94 725	120,673	1 030,906	8,543	8,066
61	89 858	102,437	819,373	7,999	7,522	61	94 225	107,416	910,233	8,474	7,997
62	88 886	90,675	716,936	7,907	7,430	62	93 689	95,575	802,817	8,400	7,923
63	87 825	80,172	626,261	7,811	7,335	63	93 115	85,001	707,243	8,320	7,844
64	86 685	70,811	546,089	7,712	7,235	64	92 486	75,550	622,242	8,236	7,760
65	85 449	62,462	475,278	7,609	7,132	65	91 795	67,101	546,692	8,147	7,671
66	84 132	55,033	412,816	7,501	7,025	66	91 063	59,567	479,591	8,051	7,575
67	82 734	48,429	357,783	7,388	6,911	67	90 265	52,837	420,024	7,949	7,473
68	81 246	42,557	309,354	7,269	6,793	68	89 410	46,833	367,187	7,840	7,364
69	79 687	37,352	266,798	7,143	6,666	69	88 474	41,470	320,354	7,725	7,248
70	78 006	32,719	229,446	7,013	6,536	70	87 452	36,681	278,884	7,603	7,126
71	76 266	28,626	196,727	6,872	6,396	71	86 350	32,411	242,203	7,473	6,996
72	74 387	24,985	168,102	6,728	6,252	72	85 167	28,605	209,792	7,334	6,857
73	72 439	21,772	143,117	6,573	6,097	73	83 905	25,218	181,187	7,185	6,708
74	70 357	18,923	121,344	6,413	5,936	74	82 528	22,196	155,968	7,027	6,550
75	68 170	16,407	102,422	6,243	5,766	75	81 055	19,508	133,772	6,857	6,381
76	65 878	14,188	86,015	6,062	5,586	76	79 496	17,121	114,264	6,674	6,197
77	63 429	12,224	71,826	5,876	5,399	77	77 782	14,991	97,143	6,480	6,004
78	60 848	10,494	59,602	5,680	5,203	78	75 931	13,095	82,152	6,273	5,797
79	58 081	8,964	49,108	5,479	5,002	79	73 847	11,397	69,057	6,059	5,583
80	55 150	7,616	40,145	5,271	4,794	80	71 527	9,878	57,660	5,837	5,361
81	52 038	6,431	32,528	5,058	4,582	81	68 919	8,517	47,782	5,610	5,134
82	48 680	5,383	26,097	4,848	4,371	82	65 978	7,296	39,265	5,382	4,905
83	45 143	4,467	20,714	4,637	4,160	83	62 720	6,207	31,969	5,151	4,674
84	41 466	3,672	16,247	4,425	3,948	84	59 163	5,239	25,762	4,917	4,441
85	37 651	2,984	12,575	4,215	3,738	85	55 308	4,383	20,523	4,683	4,206
86	33 710	2,390	9,591	4,012	3,536	86	51 097	3,623	16,141	4,455	3,978
87	29 742	1,887	7,201	3,816	3,339	87	46 643	2,960	12,517	4,229	3,753
88	25 813	1,466	5,314	3,625	3,149	88	41 981	2,384	9,557	4,009	3,533
89	21 974	1,117	3,848	3,446	2,970	89	37 187	1,890	7,174	3,796	3,320
90	18 346	0,834	2,731	3,274	2,798	90	32 370	1,472	5,284	3,590	3,113
91	15 015	0,611	1,897	3,105	2,629	91	27 597	1,123	3,812	3,395	2,918
92	12 026	0,438	1,286	2,937	2,461	92	22 970	0,836	2,689	3,216	2,739
93	9 316	0,304	0,848	2,795	2,318	93	18 663	0,608	1,853	3,047	2,571
94	7 048	0,205	0,545	2,651	2,175	94	14 763	0,430	1,245	2,892	2,416
95	5 145	0,134	0,339	2,528	2,051	95	11 365	0,297	0,814	2,747	2,270
96	3 652	0,085	0,205	2,406	1,929	96	8 492	0,198	0,518	2,612	2,136
97	2 475	0,052	0,120	2,318	1,841	97	6 067	0,127	0,320	2,522	2,046
98	1 642	0,031	0,068	2,220	1,743	98	4 253	0,080	0,193	2,427	1,950
99	1 049	0,018	0,037	2,133	1,656	99	2 921	0,049	0,113	2,321	1,845
100	647	0,010	0,020	2,055	1,578	100	1 937	0,029	0,065	2,227	1,750

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 12 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	928 800,703	9,288	8,811	0	100 000	100 000,000	929 759,366	9,298	8,821
1	99 644	88 967,655	828 800,703	9,316	8,839	1	99 699	89 017,380	829 759,366	9,321	8,844
2	99 616	79 413,449	739 833,048	9,316	8,839	2	99 675	79 460,097	740 741,986	9,322	8,845
3	99 601	70 893,796	660 419,599	9,316	8,839	3	99 662	70 937,702	661 281,889	9,322	8,845
4	99 590	63 291,137	589 525,802	9,315	8,838	4	99 652	63 330,702	590 344,187	9,322	8,845
5	99 579	56 503,923	526 234,665	9,313	8,836	5	99 643	56 539,859	527 013,484	9,321	8,844
6	99 569	50 444,863	469 730,742	9,312	8,835	6	99 634	50 477,520	470 473,625	9,320	8,843
7	99 560	45 035,962	419 285,879	9,310	8,833	7	99 625	45 065,228	419 996,105	9,320	8,843
8	99 552	40 207,217	374 249,916	9,308	8,831	8	99 620	40 234,941	374 930,877	9,319	8,842
9	99 543	35 896,231	334 042,700	9,306	8,829	9	99 613	35 921,551	334 695,936	9,317	8,840
10	99 535	32 047,642	298 146,469	9,303	8,826	10	99 607	32 070,852	298 774,385	9,316	8,839
11	99 527	28 611,699	266 098,827	9,300	8,823	11	99 601	28 633,014	266 703,533	9,315	8,838
12	99 520	25 544,182	237 487,129	9,297	8,820	12	99 594	25 563,214	238 070,519	9,313	8,836
13	99 513	22 805,736	211 942,946	9,293	8,816	13	99 586	22 822,506	212 507,305	9,311	8,834
14	99 503	20 360,311	189 137,211	9,290	8,813	14	99 576	20 375,318	189 684,798	9,310	8,833
15	99 490	18 176,383	168 776,899	9,286	8,809	15	99 567	18 190,571	169 309,481	9,308	8,831
16	99 474	16 226,319	150 600,516	9,281	8,804	16	99 555	16 239,605	151 118,910	9,306	8,829
17	99 449	14 484,200	134 374,197	9,277	8,800	17	99 541	14 497,512	134 879,305	9,304	8,827
18	99 422	12 928,768	119 889,997	9,273	8,796	18	99 527	12 942,445	120 381,793	9,301	8,824
19	99 384	11 539,120	106 961,229	9,269	8,792	19	99 507	11 553,478	107 439,348	9,299	8,822
20	99 344	10 298,688	95 422,110	9,265	8,788	20	99 490	10 313,802	95 885,871	9,297	8,820
21	99 301	9 191,287	85 123,422	9,261	8,784	21	99 472	9 207,049	85 572,069	9,294	8,817
22	99 261	8 203,180	75 932,135	9,256	8,779	22	99 455	8 219,224	76 365,019	9,291	8,814
23	99 216	7 320,945	67 728,955	9,251	8,774	23	99 439	7 337,398	68 145,795	9,287	8,810
24	99 175	6 533,881	60 408,010	9,245	8,768	24	99 421	6 550,069	60 808,397	9,284	8,807
25	99 128	5 831,052	53 874,129	9,239	8,762	25	99 403	5 847,224	54 258,328	9,279	8,802
26	99 085	5 204,017	48 043,076	9,232	8,755	26	99 384	5 219,743	48 411,104	9,275	8,798
27	99 039	4 644,311	42 839,060	9,224	8,747	27	99 366	4 659,607	43 191,361	9,269	8,792
28	98 994	4 144,792	38 194,748	9,215	8,738	28	99 344	4 159,468	38 531,754	9,264	8,787
29	98 946	3 698,912	34 049,957	9,205	8,728	29	99 321	3 712,936	34 372,286	9,257	8,780
30	98 894	3 300,878	30 351,044	9,195	8,718	30	99 295	3 314,264	30 659,350	9,251	8,774
31	98 839	2 945,558	27 050,166	9,183	8,706	31	99 264	2 958,225	27 345,086	9,244	8,767
32	98 778	2 628,342	24 104,609	9,171	8,694	32	99 232	2 640,443	24 386,861	9,236	8,759
33	98 715	2 345,246	21 476,266	9,157	8,680	33	99 198	2 356,731	21 746,417	9,227	8,750
34	98 643	2 092,438	19 131,020	9,143	8,666	34	99 163	2 103,466	19 389,687	9,218	8,741
35	98 567	1 866,810	17 038,582	9,127	8,650	35	99 122	1 877,332	17 286,221	9,208	8,731
36	98 488	1 665,458	15 171,772	9,110	8,633	36	99 082	1 675,498	15 408,889	9,197	8,720
37	98 403	1 485,738	13 506,314	9,091	8,614	37	99 036	1 495,295	13 733,390	9,184	8,707
38	98 307	1 325,252	12 020,576	9,070	8,593	38	98 989	1 334,451	12 238,095	9,171	8,694
39	98 202	1 181,997	10 695,324	9,049	8,572	39	98 929	1 190,755	10 903,644	9,157	8,680
40	98 092	1 054,179	9 513,327	9,024	8,547	40	98 870	1 062,535	9 712,889	9,141	8,664
41	97 971	940,066	8 459,148	8,998	8,521	41	98 802	948,042	8 650,354	9,124	8,647
42	97 840	838,225	7 519,081	8,970	8,493	42	98 729	845,839	7 702,312	9,106	8,629
43	97 699	747,337	6 680,856	8,940	8,463	43	98 651	754,614	6 856,473	9,086	8,609
44	97 549	666,238	5 933,519	8,906	8,429	44	98 561	673,151	6 101,859	9,065	8,588
45	97 374	593,786	5 267,281	8,871	8,394	45	98 465	600,444	5 428,708	9,041	8,564
46	97 183	529,127	4 673,495	8,832	8,355	46	98 352	535,493	4 828,264	9,016	8,539
47	96 971	471,406	4 144,367	8,792	8,315	47	98 232	477,537	4 292,771	8,989	8,512
48	96 741	419,901	3 672,961	8,747	8,270	48	98 098	425,788	3 815,234	8,960	8,483
49	96 484	373,916	3 253,060	8,700	8,223	49	97 941	379,562	3 389,446	8,930	8,453

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2016/2018

Zinsfuß 12 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 198	332,862	2 879,144	8,650	8,173	50	97 770	338,302	3 009,884	8,897	8,420
51	95 878	296,210	2 546,282	8,596	8,119	51	97 589	301,496	2 671,582	8,861	8,384
52	95 523	263,494	2 250,072	8,539	8,062	52	97 380	268,616	2 370,087	8,823	8,346
53	95 128	234,289	1 986,578	8,479	8,002	53	97 153	239,276	2 101,471	8,783	8,306
54	94 681	208,204	1 752,289	8,416	7,939	54	96 903	213,091	1 862,195	8,739	8,262
55	94 177	184,908	1 544,085	8,351	7,874	55	96 623	189,710	1 649,105	8,693	8,216
56	93 621	164,120	1 359,178	8,282	7,805	56	96 310	168,834	1 459,395	8,644	8,167
57	93 004	145,571	1 195,057	8,209	7,732	57	95 965	150,206	1 290,561	8,592	8,115
58	92 322	129,021	1 049,487	8,134	7,657	58	95 588	133,586	1 140,355	8,536	8,059
59	91 569	114,257	920,466	8,056	7,579	59	95 173	118,754	1 006,769	8,478	8,001
60	90 750	101,104	806,209	7,974	7,497	60	94 725	105,532	888,015	8,415	7,938
61	89 858	89,384	705,105	7,889	7,412	61	94 225	93,727	782,484	8,348	7,871
62	88 886	78,943	615,721	7,800	7,323	62	93 689	83,209	688,756	8,277	7,800
63	87 825	69,643	536,778	7,708	7,231	63	93 115	73,838	605,547	8,201	7,724
64	86 685	61,375	467,134	7,611	7,134	64	92 486	65,482	531,708	8,120	7,643
65	85 449	54,018	405,760	7,512	7,035	65	91 795	58,029	466,226	8,034	7,557
66	84 132	47,486	351,742	7,407	6,930	66	91 063	51,399	408,197	7,942	7,465
67	82 734	41,694	304,255	7,297	6,820	67	90 265	45,490	356,798	7,843	7,366
68	81 246	36,557	262,561	7,182	6,705	68	89 410	40,231	311,308	7,738	7,261
69	79 687	32,014	226,004	7,059	6,582	69	88 474	35,544	271,077	7,626	7,149
70	78 006	27,981	193,989	6,933	6,456	70	87 452	31,369	235,533	7,508	7,031
71	76 266	24,426	166,008	6,796	6,319	71	86 350	27,656	204,163	7,382	6,905
72	74 387	21,272	141,582	6,656	6,179	72	85 167	24,354	176,508	7,248	6,771
73	72 439	18,495	120,311	6,505	6,028	73	83 905	21,423	152,154	7,102	6,625
74	70 357	16,039	101,815	6,348	5,871	74	82 528	18,813	130,731	6,949	6,472
75	68 170	13,875	85,777	6,182	5,705	75	81 055	16,498	111,918	6,784	6,307
76	65 878	11,972	71,901	6,006	5,529	76	79 496	14,447	95,420	6,605	6,128
77	63 429	10,292	59,929	5,823	5,346	77	77 782	12,621	80,973	6,416	5,939
78	60 848	8,815	49,637	5,631	5,154	78	75 931	11,001	68,352	6,214	5,737
79	58 081	7,513	40,822	5,434	4,957	79	73 847	9,552	57,352	6,004	5,527
80	55 150	6,369	33,309	5,229	4,752	80	71 527	8,261	47,799	5,786	5,309
81	52 038	5,366	26,940	5,020	4,543	81	68 919	7,107	39,538	5,563	5,086
82	48 680	4,482	21,573	4,813	4,336	82	65 978	6,075	32,431	5,339	4,862
83	45 143	3,711	17,091	4,606	4,129	83	62 720	5,156	26,357	5,112	4,635
84	41 466	3,044	13,380	4,396	3,919	84	59 163	4,342	21,201	4,882	4,405
85	37 651	2,467	10,337	4,189	3,712	85	55 308	3,625	16,858	4,651	4,174
86	33 710	1,972	7,869	3,990	3,513	86	51 097	2,990	13,234	4,426	3,949
87	29 742	1,554	5,897	3,795	3,318	87	46 643	2,437	10,244	4,204	3,727
88	25 813	1,204	4,343	3,607	3,130	88	41 981	1,958	7,807	3,987	3,510
89	21 974	0,915	3,139	3,430	2,953	89	37 187	1,549	5,849	3,777	3,300
90	18 346	0,682	2,224	3,260	2,783	90	32 370	1,204	4,300	3,572	3,095
91	15 015	0,499	1,542	3,093	2,616	91	27 597	0,916	3,096	3,379	2,902
92	12 026	0,357	1,043	2,926	2,449	92	22 970	0,681	2,180	3,202	2,725
93	9 316	0,247	0,687	2,785	2,308	93	18 663	0,494	1,499	3,035	2,558
94	7 048	0,167	0,440	2,643	2,166	94	14 763	0,349	1,005	2,881	2,404
95	5 145	0,109	0,274	2,520	2,043	95	11 365	0,240	0,656	2,737	2,260
96	3 652	0,069	0,165	2,399	1,922	96	8 492	0,160	0,417	2,604	2,127
97	2 475	0,042	0,096	2,312	1,835	97	6 067	0,102	0,257	2,514	2,037
98	1 642	0,025	0,055	2,214	1,737	98	4 253	0,064	0,155	2,420	1,943
99	1 049	0,014	0,030	2,128	1,651	99	2 921	0,039	0,091	2,315	1,838
100	647	0,008	0,016	2,050	1,573	100	1 937	0,023	0,052	2,221	1,744

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

Notation

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

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

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

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

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	5 213 581,874	52,136	51,676	50	50	94 053	57 187,638	1 323 018,555	23,135	22,675
1	1	99 344	98 360,703	5 113 581,874	51,988	51,528	51	51	93 566	56 328,621	1 265 830,917	22,472	22,012
2	2	99 292	97 335,776	5 015 221,171	51,525	51,065	52	52	93 020	55 445,391	1 209 502,296	21,814	21,354
3	3	99 264	96 345,041	4 917 885,396	51,045	50,585	53	53	92 419	54 541,574	1 154 056,906	21,159	20,699
4	4	99 243	95 370,901	4 821 540,355	50,556	50,096	54	54	91 749	53 609,885	1 099 515,331	20,510	20,050
5	5	99 223	94 407,541	4 726 169,454	50,061	49,601	55	55	90 997	52 644,398	1 045 905,446	19,867	19,407
6	6	99 204	93 455,097	4 631 761,913	49,561	49,101	56	56	90 166	51 646,821	993 261,049	19,232	18,772
7	7	99 187	92 513,203	4 538 306,816	49,056	48,596	57	57	89 251	50 616,913	941 614,228	18,603	18,143
8	8	99 174	91 585,086	4 445 793,613	48,543	48,083	58	58	88 249	49 553,072	890 997,314	17,981	17,521
9	9	99 158	90 664,230	4 354 208,527	48,026	47,566	59	59	87 149	48 450,620	841 444,243	17,367	16,907
10	10	99 144	89 753,891	4 263 544,298	47,503	47,043	60	60	85 963	47 318,438	792 993,623	16,759	16,299
11	11	99 130	88 853,000	4 173 790,407	46,974	46,514	61	61	84 669	46 144,597	745 675,185	16,160	15,700
12	12	99 115	87 959,656	4 084 937,407	46,441	45,981	62	62	83 277	44 936,350	699 530,588	15,567	15,107
13	13	99 101	87 075,935	3 996 977,751	45,902	45,442	63	63	81 777	43 690,481	654 594,239	14,983	14,523
14	14	99 082	86 197,409	3 909 901,816	45,360	44,900	64	64	80 171	42 408,341	610 903,757	14,405	13,945
15	15	99 059	85 324,523	3 823 704,407	44,814	44,354	65	65	78 438	41 080,724	568 495,417	13,838	13,379
16	16	99 031	84 455,943	3 738 379,884	44,264	43,804	66	66	76 613	39 727,556	527 414,692	13,276	12,816
17	17	98 992	83 586,743	3 653 923,941	43,714	43,254	67	67	74 681	38 342,102	487 687,137	12,719	12,259
18	18	98 951	82 725,147	3 570 337,199	43,159	42,699	68	68	72 641	36 925,806	449 345,035	12,169	11,709
19	19	98 894	81 858,571	3 487 612,052	42,605	42,145	69	69	70 502	35 483,687	412 419,229	11,623	11,163
20	20	98 837	81 001,699	3 405 753,480	42,045	41,585	70	70	68 217	33 993,716	376 935,542	11,088	10,628
21	21	98 777	80 150,248	3 324 751,781	41,481	41,022	71	71	65 856	32 491,915	342 941,826	10,555	10,095
22	22	98 720	79 311,441	3 244 601,533	40,910	40,450	72	72	63 353	30 947,630	310 449,911	10,031	9,571
23	23	98 659	78 477,776	3 165 290,092	40,334	39,874	73	73	60 780	29 396,889	279 502,281	9,508	9,048
24	24	98 601	77 654,969	3 086 812,316	39,750	39,290	74	74	58 064	27 805,077	250 105,391	8,995	8,535
25	25	98 537	76 835,770	3 009 157,347	39,163	38,704	75	75	55 255	26 198,062	222 300,314	8,485	8,025
26	26	98 475	76 027,240	2 932 321,577	38,569	38,109	76	76	52 370	24 584,507	196 102,252	7,977	7,517
27	27	98 411	75 225,794	2 856 294,337	37,970	37,510	77	77	49 336	22 930,843	171 517,745	7,480	7,020
28	28	98 344	74 430,567	2 781 068,542	37,365	36,905	78	78	46 202	21 261,573	148 586,902	6,989	6,529
29	29	98 274	73 640,543	2 706 637,975	36,755	36,295	79	79	42 891	19 542,344	127 325,329	6,515	6,055
30	30	98 197	72 854,537	2 632 997,432	36,140	35,680	80	80	39 447	17 795,209	107 782,985	6,057	5,597
31	31	98 111	72 069,848	2 560 142,894	35,523	35,063	81	81	35 864	16 018,734	89 987,776	5,618	5,158
32	32	98 019	71 289,946	2 488 073,047	34,901	34,441	82	82	32 118	14 203,517	73 969,042	5,208	4,748
33	33	97 924	70 515,186	2 416 783,100	34,273	33,813	83	83	28 314	12 397,186	59 765,525	4,821	4,361
34	34	97 817	69 740,793	2 346 267,915	33,643	33,183	84	84	24 532	10 635,121	47 368,339	4,454	3,994
35	35	97 702	68 969,141	2 276 527,122	33,008	32,548	85	85	20 824	8 938,111	36 733,218	4,110	3,650
36	36	97 583	68 203,375	2 207 557,981	32,367	31,907	86	86	17 225	7 320,081	27 795,107	3,797	3,337
37	37	97 455	67 439,121	2 139 354,606	31,723	31,263	87	87	13 872	5 837,031	20 475,027	3,508	3,048
38	38	97 313	66 674,319	2 071 915,486	31,075	30,615	88	88	10 836	4 514,473	14 637,995	3,242	2,782
39	39	97 150	65 903,915	2 005 241,167	30,427	29,967	89	89	8 172	3 370,553	10 123,522	3,004	2,544
40	40	96 984	65 139,531	1 939 337,252	29,772	29,312	90	90	5 939	2 425,312	6 752,969	2,784	2,324
41	41	96 797	64 370,588	1 874 197,721	29,116	28,656	91	91	4 144	1 675,475	4 327,657	2,583	2,123
42	42	96 597	63 601,132	1 809 827,133	28,456	27,996	92	92	2 762	1 105,912	2 652,182	2,398	1,938
43	43	96 381	62 830,779	1 746 226,001	27,793	27,333	93	93	1 739	689,147	1 546,270	2,244	1,784
44	44	96 145	62 056,504	1 683 395,222	27,127	26,667	94	94	1 041	408,354	857,123	2,099	1,639
45	45	95 879	61 272,084	1 621 338,717	26,461	26,001	95	95	585	227,210	448,769	1,975	1,515
46	46	95 581	60 476,840	1 560 066,634	25,796	25,336	96	96	310	119,326	221,560	1,857	1,397
47	47	95 257	59 674,832	1 499 589,794	25,129	24,669	97	97	150	57,189	102,233	1,788	1,328
48	48	94 901	58 863,316	1 439 914,961	24,462	24,002	98	98	70	26,332	45,044	1,711	1,251
49	49	94 498	58 033,091	1 381 051,646	23,798	23,338	99	99	31	11,446	18,712	1,635	1,175
							100	100	13	4,630	7,266	1,569	1,109

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 699	99 699,466	5 194 502,424	52,102	51,642	50	51	93 878	57 081,658	1 305 555,770	22,872	22,412
1	2	99 320	98 336,315	5 094 802,958	51,810	51,350	51	52	93 366	56 207,925	1 248 474,111	22,212	21,752
2	3	99 280	97 323,684	4 996 466,643	51,339	50,879	52	53	92 803	55 316,038	1 192 266,186	21,554	21,094
3	4	99 254	96 335,105	4 899 142,958	50,855	50,395	53	54	92 182	54 401,529	1 136 950,148	20,899	20,439
4	5	99 234	95 361,775	4 802 807,853	50,364	49,904	54	55	91 483	53 455,022	1 082 548,618	20,252	19,792
5	6	99 214	94 399,131	4 707 446,078	49,867	49,407	55	56	90 702	52 473,543	1 029 093,596	19,612	19,152
6	7	99 196	93 446,830	4 613 046,947	49,365	48,905	56	57	89 843	51 462,082	976 620,053	18,977	18,517
7	8	99 182	92 508,905	4 519 600,117	48,856	48,396	57	58	88 901	50 418,286	925 157,971	18,350	17,890
8	9	99 167	91 578,704	4 427 091,212	48,342	47,882	58	59	87 865	49 337,545	874 739,685	17,730	17,270
9	10	99 152	90 658,684	4 335 512,508	47,822	47,362	59	60	86 738	48 222,594	825 402,140	17,117	16,657
10	11	99 138	89 748,641	4 244 853,825	47,297	46,837	60	61	85 510	47 068,787	777 179,546	16,512	16,052
11	12	99 123	88 846,129	4 155 105,184	46,767	46,307	61	62	84 188	45 882,224	730 110,758	15,913	15,453
12	13	99 107	87 952,749	4 066 259,055	46,232	45,772	62	63	82 766	44 660,690	684 228,534	15,321	14,861
13	14	99 091	87 067,731	3 978 306,306	45,692	45,232	63	64	81 226	43 395,619	639 567,844	14,738	14,278
14	15	99 073	86 189,461	3 891 238,575	45,147	44,688	64	65	79 572	42 091,437	596 172,225	14,164	13,704
15	16	99 047	85 314,141	3 805 049,114	44,600	44,140	65	66	77 813	40 753,293	554 080,788	13,596	13,136
16	17	99 017	84 443,507	3 719 734,972	44,050	43,590	66	67	75 942	39 379,459	513 327,495	13,035	12,575
17	18	98 979	83 575,361	3 635 291,465	43,497	43,037	67	68	73 972	37 978,534	473 948,037	12,479	12,019
18	19	98 932	82 708,849	3 551 716,104	42,942	42,482	68	69	71 881	36 539,353	435 969,503	11,932	11,472
19	20	98 877	81 844,263	3 469 007,255	42,385	41,925	69	70	69 688	35 073,687	399 430,151	11,388	10,928
20	21	98 819	80 986,724	3 387 162,992	41,824	41,364	70	71	67 358	33 565,437	364 356,464	10,855	10,395
21	22	98 760	80 137,032	3 306 176,268	41,257	40,797	71	72	64 953	32 046,718	330 791,027	10,322	9,862
22	23	98 704	79 298,529	3 226 039,236	40,682	40,222	72	73	62 414	30 489,185	298 744,309	9,798	9,338
23	24	98 642	78 463,653	3 146 740,708	40,104	39,644	73	74	59 782	28 914,305	268 255,125	9,278	8,818
24	25	98 583	77 640,996	3 068 277,055	39,519	39,059	74	75	57 028	27 308,946	239 340,819	8,764	8,304
25	26	98 518	76 821,154	2 990 636,059	38,930	38,470	75	76	54 192	25 694,237	212 031,873	8,252	7,792
26	27	98 456	76 012,932	2 913 814,905	38,333	37,873	76	77	51 241	24 054,319	186 337,636	7,747	7,287
27	28	98 390	75 209,607	2 837 801,973	37,732	37,272	77	78	48 162	22 385,170	162 283,317	7,250	6,790
28	29	98 321	74 413,028	2 762 592,366	37,125	36,665	78	79	44 934	20 677,985	139 898,147	6,766	6,306
29	30	98 248	73 621,487	2 688 179,338	36,514	36,054	79	80	41 544	18 928,432	119 220,162	6,298	5,838
30	31	98 166	72 831,433	2 614 557,850	35,899	35,439	80	81	38 009	17 146,369	100 291,730	5,849	5,389
31	32	98 080	72 047,218	2 541 726,417	35,279	34,819	81	82	34 334	15 335,153	83 145,362	5,422	4,962
32	33	97 986	71 265,520	2 469 679,199	34,655	34,195	82	83	30 532	13 502,162	67 810,209	5,022	4,562
33	34	97 888	70 489,777	2 398 413,679	34,025	33,565	83	84	26 708	11 694,123	54 308,047	4,644	4,184
34	35	97 777	69 712,479	2 327 923,902	33,393	32,933	84	85	22 934	9 942,103	42 613,923	4,286	3,826
35	36	97 662	68 940,716	2 258 211,424	32,756	32,296	85	86	19 239	8 257,700	32 671,820	3,957	3,497
36	37	97 539	68 172,104	2 189 270,708	32,114	31,654	86	87	15 723	6 681,916	24 414,120	3,654	3,194
37	38	97 408	67 407,110	2 121 098,604	31,467	31,007	87	88	12 486	5 253,646	17 732,204	3,375	2,915
38	39	97 254	66 634,098	2 053 691,494	30,820	30,360	88	89	9 599	3 998,911	12 478,557	3,120	2,661
39	40	97 092	65 864,297	1 987 057,397	30,169	29,709	89	90	7 113	2 934,006	8 479,646	2,890	2,430
40	41	96 917	65 094,865	1 921 193,100	29,514	29,054	90	91	5 063	2 067,636	5 545,640	2,682	2,222
41	42	96 726	64 322,937	1 856 098,235	28,856	28,396	91	92	3 449	1 394,608	3 478,003	2,494	2,034
42	43	96 520	63 550,648	1 791 775,298	28,194	27,734	92	93	2 244	898,552	2 083,396	2,319	1,859
43	44	96 293	62 773,725	1 728 224,650	27,531	27,071	93	94	1 375	545,133	1 184,844	2,173	1,714
44	45	96 052	61 996,274	1 665 450,925	26,864	26,404	94	95	801	314,365	639,711	2,035	1,575
45	46	95 769	61 201,484	1 603 454,651	26,200	25,740	95	96	437	169,776	325,346	1,916	1,456
46	47	95 465	60 403,209	1 542 253,167	25,533	25,073	96	97	222	85,240	155,570	1,825	1,365
47	48	95 126	59 593,060	1 481 849,959	24,866	24,406	97	98	105	40,089	70,330	1,754	1,294
48	49	94 750	58 769,484	1 422 256,899	24,201	23,741	98	99	48	18,087	30,241	1,672	1,212
49	50	94 333	57 931,645	1 363 487,414	23,536	23,076	99	100	20	7,589	12,154	1,602	1,142

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 675	99 674,746	5 174 373,280	51,913	51,453	50	52	93 677	56 959,350	1 286 865,004	22,593	22,133
1	3	99 307	98 324,099	5 074 698,533	51,612	51,152	51	53	93 148	56 076,794	1 229 905,654	21,933	21,473
2	4	99 270	97 313,648	4 976 374,434	51,137	50,677	52	54	92 565	55 174,005	1 173 828,860	21,275	20,815
3	5	99 245	96 325,887	4 879 060,786	50,652	50,192	53	55	91 915	54 244,380	1 118 654,855	20,623	20,163
4	6	99 225	95 353,281	4 782 734,900	50,158	49,698	54	56	91 187	53 281,537	1 064 410,475	19,977	19,517
5	7	99 206	94 390,780	4 687 381,619	49,659	49,199	55	57	90 377	52 285,847	1 011 128,939	19,338	18,879
6	8	99 191	93 442,489	4 592 990,838	49,153	48,693	56	58	89 490	51 260,138	958 843,092	18,705	18,245
7	9	99 175	92 502,459	4 499 548,350	48,642	48,182	57	59	88 514	50 198,996	907 582,953	18,080	17,620
8	10	99 161	91 573,102	4 407 045,891	48,126	47,666	58	60	87 452	49 105,345	857 383,957	17,460	17,000
9	11	99 146	90 653,381	4 315 472,790	47,604	47,144	59	61	86 281	47 968,173	808 278,612	16,850	16,390
10	12	99 131	89 741,701	4 224 819,409	47,078	46,618	60	62	85 024	46 801,160	760 310,439	16,246	15,786
11	13	99 115	88 839,152	4 135 077,708	46,546	46,086	61	63	83 671	45 600,762	713 509,279	15,647	15,187
12	14	99 098	87 944,463	4 046 238,556	46,009	45,549	62	64	82 207	44 359,280	667 908,517	15,057	14,597
13	15	99 082	87 059,703	3 958 294,093	45,466	45,006	63	65	80 619	43 071,338	623 549,237	14,477	14,017
14	16	99 061	86 178,974	3 871 234,390	44,921	44,461	64	66	78 938	41 755,950	580 477,899	13,902	13,442
15	17	99 032	85 301,579	3 785 055,416	44,373	43,913	65	67	77 131	40 396,208	538 721,949	13,336	12,876
16	18	99 003	84 432,009	3 699 753,836	43,819	43,359	66	68	75 222	39 006,054	498 325,742	12,776	12,316
17	19	98 959	83 558,895	3 615 321,827	43,267	42,807	67	69	73 198	37 581,063	459 319,688	12,222	11,762
18	20	98 915	82 694,392	3 531 762,932	42,709	42,249	68	70	71 050	36 117,155	421 738,625	11,677	11,217
19	21	98 859	81 829,132	3 449 068,539	42,150	41,690	69	71	68 810	34 631,801	385 621,470	11,135	10,675
20	22	98 803	80 973,369	3 367 239,408	41,585	41,125	70	72	66 435	33 105,530	350 989,669	10,602	10,142
21	23	98 744	80 123,985	3 286 266,038	41,015	40,555	71	73	63 991	31 571,991	317 884,139	10,069	9,609
22	24	98 686	79 284,258	3 206 142,054	40,439	39,979	72	74	61 390	29 988,669	286 312,147	9,547	9,087
23	25	98 624	78 449,534	3 126 857,796	39,858	39,398	73	75	58 716	28 398,382	256 323,478	9,026	8,566
24	26	98 565	77 626,227	3 048 408,262	39,270	38,810	74	76	55 931	26 783,758	227 925,096	8,510	8,050
25	27	98 499	76 806,696	2 970 782,035	38,679	38,219	75	77	53 024	25 140,117	201 141,338	8,001	7,541
26	28	98 435	75 996,575	2 893 975,339	38,080	37,620	76	78	50 022	23 481,911	176 001,221	7,495	7,035
27	29	98 367	75 191,885	2 817 978,763	37,477	37,017	77	79	46 840	21 770,741	152 519,311	7,006	6,546
28	30	98 296	74 393,773	2 742 786,879	36,869	36,409	78	80	43 522	20 028,397	130 748,570	6,528	6,068
29	31	98 217	73 598,140	2 668 393,106	36,256	35,796	79	81	40 029	18 238,273	110 720,173	6,071	5,611
30	32	98 135	72 808,564	2 594 794,966	35,639	35,179	80	82	36 387	16 414,667	92 481,900	5,634	5,174
31	33	98 046	72 022,532	2 521 986,402	35,017	34,557	81	83	32 638	14 577,919	76 067,233	5,218	4,758
32	34	97 951	71 239,841	2 449 963,870	34,390	33,930	82	84	28 801	12 736,435	61 489,314	4,828	4,368
33	35	97 849	70 461,158	2 378 724,029	33,759	33,299	83	85	24 968	10 932,098	48 752,879	4,460	4,000
34	36	97 737	69 683,748	2 308 262,871	33,125	32,665	84	86	21 188	9 185,264	37 820,781	4,118	3,658
35	37	97 617	68 909,107	2 238 579,123	32,486	32,026	85	87	17 561	7 537,794	28 635,517	3,799	3,339
36	38	97 492	68 139,745	2 169 670,016	31,841	31,381	86	88	14 152	6 014,089	21 097,723	3,508	3,048
37	39	97 350	67 366,446	2 101 530,271	31,196	30,736	87	89	11 060	4 653,669	15 083,635	3,241	2,781
38	40	97 196	66 594,041	2 034 163,825	30,546	30,086	88	90	8 356	3 480,981	10 429,965	2,996	2,536
39	41	97 025	65 819,134	1 967 569,784	29,894	29,434	89	91	6 064	2 501,310	6 948,984	2,778	2,318
40	42	96 846	65 046,678	1 901 750,650	29,237	28,777	90	92	4 214	1 721,029	4 447,674	2,584	2,124
41	43	96 649	64 271,880	1 836 703,972	28,577	28,117	91	93	2 802	1 133,116	2 726,645	2,406	1,946
42	44	96 432	63 492,940	1 772 432,092	27,915	27,455	92	94	1 775	710,777	1 593,529	2,242	1,782
43	45	96 200	62 712,798	1 708 939,152	27,250	26,790	93	95	1 059	419,662	882,751	2,103	1,644
44	46	95 941	61 924,839	1 646 226,354	26,584	26,124	94	96	599	234,901	463,089	1,971	1,511
45	47	95 652	61 126,970	1 584 301,515	25,918	25,458	95	97	312	121,279	228,188	1,882	1,422
46	48	95 334	60 320,438	1 523 174,544	25,251	24,791	96	98	155	59,752	106,909	1,789	1,329
47	49	94 975	59 498,065	1 462 854,106	24,587	24,127	97	99	72	27,536	47,157	1,713	1,253
48	50	94 584	58 666,751	1 403 356,041	23,921	23,461	98	100	32	11,992	19,621	1,636	1,176
49	51	94 158	57 824,286	1 344 689,290	23,255	22,795							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 662	99 662,364	5 152 883,667	51,703	51,243
1	4	99 297	98 313,959	5 053 221,303	51,399	50,939
2	5	99 260	97 304,336	4 954 907,343	50,922	50,462
3	6	99 236	96 317,306	4 857 603,007	50,433	49,973
4	7	99 216	95 344,846	4 761 285,701	49,938	49,478
5	8	99 201	94 386,395	4 665 940,855	49,434	48,974
6	9	99 184	93 435,977	4 571 554,460	48,927	48,467
7	10	99 169	92 496,800	4 478 118,483	48,414	47,954
8	11	99 155	91 567,745	4 385 621,683	47,895	47,435
9	12	99 139	90 646,371	4 294 053,937	47,371	46,912
10	13	99 123	89 734,654	4 203 407,567	46,843	46,383
11	14	99 106	88 830,782	4 113 672,913	46,309	45,849
12	15	99 089	87 936,354	4 024 842,130	45,770	45,310
13	16	99 070	87 049,111	3 936 905,777	45,226	44,766
14	17	99 046	86 166,285	3 849 856,666	44,679	44,219
15	18	99 019	85 289,964	3 763 690,381	44,128	43,668
16	19	98 984	84 415,375	3 678 400,417	43,575	43,115
17	20	98 942	83 544,290	3 593 985,042	43,019	42,559
18	21	98 896	82 679,104	3 510 440,752	42,459	41,999
19	22	98 842	81 815,638	3 427 761,648	41,896	41,436
20	23	98 787	80 960,186	3 345 946,010	41,328	40,868
21	24	98 726	80 109,565	3 264 985,824	40,757	40,297
22	25	98 669	79 269,991	3 184 876,259	40,178	39,718
23	26	98 605	78 434,611	3 105 606,267	39,595	39,135
24	27	98 546	77 611,618	3 027 171,656	39,004	38,544
25	28	98 478	76 790,169	2 949 560,038	38,411	37,951
26	29	98 412	75 978,667	2 872 769,869	37,810	37,350
27	30	98 341	75 172,427	2 796 791,202	37,205	36,745
28	31	98 265	74 370,180	2 721 618,775	36,596	36,136
29	32	98 186	73 575,030	2 647 248,595	35,980	35,520
30	33	98 101	72 783,618	2 573 673,564	35,361	34,901
31	34	98 011	71 996,580	2 500 889,947	34,736	34,276
32	35	97 911	71 210,918	2 428 893,367	34,108	33,648
33	36	97 808	70 432,119	2 357 682,449	33,475	33,015
34	37	97 692	69 651,798	2 287 250,330	32,838	32,378
35	38	97 570	68 876,398	2 217 598,532	32,197	31,737
36	39	97 433	68 098,639	2 148 722,133	31,553	31,093
37	40	97 291	67 325,949	2 080 623,494	30,904	30,444
38	41	97 129	66 548,377	2 013 297,544	30,253	29,793
39	42	96 954	65 770,411	1 946 749,167	29,599	29,139
40	43	96 769	64 995,046	1 880 978,756	28,940	28,480
41	44	96 561	64 213,517	1 815 983,710	28,280	27,820
42	45	96 339	63 431,315	1 751 770,193	27,617	27,157
43	46	96 089	62 640,538	1 688 338,878	26,953	26,493
44	47	95 824	61 849,445	1 625 698,339	26,285	25,825
45	48	95 521	61 043,208	1 563 848,894	25,619	25,159
46	49	95 182	60 224,284	1 502 805,687	24,953	24,494
47	50	94 809	59 394,059	1 442 581,402	24,288	23,828
48	51	94 409	58 558,030	1 383 187,344	23,621	23,161
49	52	93 956	57 700,386	1 324 629,314	22,957	22,497
50	53	93 459	56 826,465	1 266 928,928	22,295	21,835
51	54	92 909	55 932,807	1 210 102,463	21,635	21,175
52	55	92 297	55 014,624	1 154 169,655	20,979	20,519
53	56	91 617	54 068,332	1 099 155,031	20,329	19,869
54	57	90 860	53 090,951	1 045 086,699	19,685	19,225
55	58	90 023	52 080,671	991 995,748	19,047	18,587
56	59	89 101	51 037,187	939 915,077	18,416	17,956
57	60	88 098	49 962,742	888 877,891	17,791	17,331
58	61	86 990	48 846,267	838 915,149	17,175	16,715
59	62	85 790	47 695,432	790 068,882	16,565	16,105
60	63	84 502	46 514,061	742 373,450	15,960	15,500
61	64	83 106	45 293,008	695 859,389	15,364	14,904
62	65	81 593	44 027,797	650 566,381	14,776	14,316
63	66	79 976	42 728,040	606 538,584	14,195	13,735
64	67	78 246	41 390,080	563 810,544	13,622	13,162
65	68	76 400	40 013,162	522 420,464	13,056	12,596
66	69	74 434	38 597,829	482 407,302	12,498	12,038
67	70	72 353	37 146,829	443 809,473	11,947	11,487
68	71	70 155	35 662,122	406 662,644	11,403	10,943
69	72	67 867	34 157,283	371 000,522	10,862	10,402
70	73	65 451	32 615,119	336 843,238	10,328	9,868
71	74	62 941	31 053,700	304 228,120	9,797	9,337
72	75	60 294	29 453,576	273 174,419	9,275	8,815
73	76	57 586	27 852,242	243 720,843	8,750	8,291
74	77	54 725	26 206,141	215 868,601	8,237	7,777
75	78	51 762	24 541,870	189 662,460	7,728	7,268
76	79	48 649	22 837,379	165 120,590	7,230	6,770
77	80	45 369	21 086,825	142 283,211	6,747	6,288
78	81	41 936	19 298,132	121 196,386	6,280	5,820
79	82	38 321	17 459,975	101 898,254	5,836	5,376
80	83	34 590	15 604,128	84 438,279	5,411	4,951
81	84	30 787	13 751,184	68 834,151	5,006	4,546
82	85	26 924	11 906,489	55 082,967	4,626	4,166
83	86	23 067	10 099,895	43 176,478	4,275	3,815
84	87	19 341	8 384,493	33 076,583	3,945	3,485
85	88	15 806	6 784,426	24 692,090	3,640	3,180
86	89	12 536	5 327,268	17 907,665	3,362	2,902
87	90	9 628	4 050,936	12 580,397	3,106	2,646
88	91	7 123	2 967,619	8 529,461	2,874	2,414
89	92	5 048	2 082,004	5 561,842	2,671	2,211
90	93	3 424	1 398,333	3 479,838	2,489	2,029
91	94	2 217	896,324	2 081,504	2,322	1,862
92	95	1 367	547,181	1 185,180	2,166	1,706
93	96	791	313,581	637,999	2,035	1,575
94	97	428	167,801	324,418	1,933	1,473
95	98	219	85,014	156,617	1,842	1,382
96	99	107	41,043	71,603	1,745	1,285
97	100	48	18,257	30,560	1,674	1,214

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 652	99 652,086	5 129 994,333	51,479	51,019
1	5	99 288	98 304,552	5 030 342,247	51,171	50,711
2	6	99 251	97 295,668	4 932 037,695	50,691	50,231
3	7	99 227	96 308,786	4 834 742,027	50,200	49,740
4	8	99 212	95 340,416	4 738 433,241	49,700	49,240
5	9	99 194	94 379,818	4 643 092,824	49,196	48,736
6	10	99 178	93 430,262	4 548 713,006	48,686	48,226
7	11	99 163	92 491,390	4 455 282,745	48,170	47,710
8	12	99 147	91 560,664	4 362 791,355	47,649	47,189
9	13	99 131	90 639,253	4 271 230,691	47,123	46,663
10	14	99 114	89 726,200	4 180 591,438	46,593	46,133
11	15	99 097	88 822,592	4 090 865,238	46,057	45,597
12	16	99 077	87 925,655	4 002 042,647	45,516	45,056
13	17	99 055	87 036,293	3 914 116,992	44,971	44,511
14	18	99 032	86 154,552	3 827 080,699	44,421	43,961
15	19	98 999	85 273,161	3 740 926,147	43,870	43,410
16	20	98 966	84 400,620	3 655 652,986	43,313	42,853
17	21	98 924	83 528,844	3 571 252,366	42,755	42,295
18	22	98 880	82 665,470	3 487 723,522	42,191	41,731
19	23	98 826	81 802,318	3 405 058,052	41,625	41,165
20	24	98 769	80 945,616	3 323 255,734	41,055	40,595
21	25	98 709	80 095,151	3 242 310,117	40,481	40,021
22	26	98 650	79 254,912	3 162 214,967	39,899	39,439
23	27	98 587	78 419,850	3 082 960,055	39,314	38,854
24	28	98 525	77 594,917	3 004 540,204	38,721	38,261
25	29	98 455	76 772,074	2 926 945,287	38,125	37,665
26	30	98 386	75 959,006	2 850 173,213	37,523	37,063
27	31	98 310	75 148,588	2 774 214,207	36,916	36,456
28	32	98 234	74 346,828	2 699 065,619	36,304	35,844
29	33	98 153	73 549,821	2 624 718,791	35,686	35,226
30	34	98 066	72 757,391	2 551 168,970	35,064	34,604
31	35	97 971	71 967,350	2 478 411,579	34,438	33,978
32	36	97 870	71 181,570	2 406 444,229	33,807	33,347
33	37	97 764	70 399,826	2 335 262,659	33,171	32,711
34	38	97 646	69 618,737	2 264 862,833	32,532	32,072
35	39	97 512	68 834,849	2 195 244,096	31,891	31,431
36	40	97 375	68 057,702	2 126 409,247	31,244	30,784
37	41	97 224	67 279,784	2 058 351,545	30,594	30,134
38	42	97 057	66 499,114	1 991 071,761	29,941	29,481
39	43	96 877	65 718,205	1 924 572,647	29,285	28,825
40	44	96 681	64 936,026	1 858 854,442	28,626	28,166
41	45	96 468	64 151,193	1 793 918,416	27,964	27,504
42	46	96 228	63 358,227	1 729 767,223	27,301	26,841
43	47	95 972	62 564,272	1 666 408,995	26,635	26,175
44	48	95 693	61 764,693	1 603 844,723	25,967	25,507
45	49	95 369	60 945,902	1 542 080,030	25,302	24,842
46	50	95 016	60 119,008	1 481 134,128	24,637	24,177
47	51	94 633	59 283,989	1 421 015,120	23,970	23,510
48	52	94 206	58 432,558	1 361 731,131	23,304	22,844
49	53	93 737	57 565,773	1 303 298,573	22,640	22,180
50	54	93 219	56 680,554	1 245 732,800	21,978	21,518
51	55	92 640	55 771,235	1 189 052,247	21,320	20,860
52	56	91 998	54 836,077	1 133 281,012	20,667	20,207
53	57	91 289	53 874,932	1 078 444,936	20,018	19,558
54	58	90 504	52 882,615	1 024 570,003	19,374	18,914
55	59	89 631	51 854,150	971 687,388	18,739	18,279
56	60	88 682	50 796,988	919 833,238	18,108	17,648
57	61	87 633	49 699,140	869 036,250	17,486	17,026
58	62	86 496	48 568,533	819 337,110	16,870	16,410
59	63	85 264	47 402,847	770 768,577	16,260	15,800
60	64	83 932	46 200,142	723 365,730	15,657	15,197
61	65	82 485	44 954,548	677 165,588	15,063	14,603
62	66	80 943	43 676,876	632 211,040	14,475	14,015
63	67	79 275	42 353,652	588 534,163	13,896	13,436
64	68	77 504	40 997,610	546 180,511	13,322	12,862
65	69	75 600	39 594,397	505 182,901	12,759	12,299
66	70	73 574	38 151,847	465 588,504	12,204	11,744
67	71	71 441	36 678,824	427 436,657	11,653	11,194
68	72	69 194	35 173,488	390 757,833	11,109	10,649
69	73	66 862	33 651,292	355 584,346	10,567	10,107
70	74	64 376	32 079,704	321 933,054	10,035	9,575
71	75	61 818	30 499,604	289 853,350	9,504	9,044
72	76	59 135	28 887,143	259 353,747	8,978	8,518
73	77	56 345	27 251,583	230 466,603	8,457	7,997
74	78	53 423	25 582,527	203 215,021	7,944	7,484
75	79	50 341	23 868,245	177 632,494	7,442	6,982
76	80	47 120	22 119,955	153 764,249	6,951	6,491
77	81	43 715	20 317,968	131 644,295	6,479	6,019
78	82	40 146	18 474,606	111 326,327	6,026	5,566
79	83	36 428	16 597,820	92 851,721	5,594	5,134
80	84	32 628	14 719,195	76 253,901	5,181	4,721
81	85	28 781	12 855,114	61 534,706	4,787	4,327
82	86	24 874	11 000,111	48 679,592	4,425	3,965
83	87	21 056	9 219,386	37 679,481	4,087	3,627
84	88	17 408	7 546,500	28 460,094	3,771	3,311
85	89	14 001	6 009,631	20 913,594	3,480	3,020
86	90	10 912	4 637,291	14 903,963	3,214	2,754
87	91	8 208	3 453,520	10 266,672	2,973	2,513
88	92	5 929	2 470,144	6 813,153	2,758	2,298
89	93	4 101	1 691,625	4 343,009	2,567	2,107
90	94	2 708	1 106,118	2 651,384	2,397	1,937
91	95	1 707	690,021	1 545,267	2,239	1,779
92	96	1 021	408,866	855,245	2,092	1,632
93	97	565	224,006	446,379	1,993	1,533
94	98	300	117,625	222,373	1,891	1,431
95	99	150	58,395	104,748	1,794	1,334
96	100	71	27,213	46,353	1,703	1,243

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 643	99 642,551	5 105 684,615	51,240	50,780
1	6	99 279	98 295,795	5 006 042,064	50,928	50,468
2	7	99 243	97 287,061	4 907 746,269	50,446	49,986
3	8	99 222	96 304,312	4 810 459,208	49,951	49,491
4	9	99 205	95 333,773	4 714 154,896	49,449	48,989
5	10	99 188	94 374,045	4 618 821,123	48,942	48,482
6	11	99 172	93 424,796	4 524 447,078	48,429	47,969
7	12	99 156	92 484,237	4 431 022,282	47,911	47,451
8	13	99 139	91 553,475	4 338 538,045	47,388	46,928
9	14	99 121	90 630,713	4 246 984,570	46,860	46,400
10	15	99 104	89 717,926	4 156 353,857	46,327	45,867
11	16	99 084	88 811,785	4 066 635,930	45,789	45,329
12	17	99 062	87 912,708	3 977 824,145	45,247	44,787
13	18	99 042	87 024,442	3 889 911,437	44,699	44,239
14	19	99 013	86 137,578	3 802 886,995	44,149	43,689
15	20	98 982	85 258,256	3 716 749,417	43,594	43,134
16	21	98 948	84 385,016	3 631 491,161	43,035	42,575
17	22	98 907	83 515,071	3 547 106,145	42,473	42,013
18	23	98 864	82 652,012	3 463 591,075	41,906	41,446
19	24	98 808	81 787,597	3 380 939,063	41,338	40,878
20	25	98 751	80 931,051	3 299 151,467	40,765	40,305
21	26	98 690	80 079,914	3 218 220,416	40,188	39,728
22	27	98 631	79 239,997	3 138 140,501	39,603	39,143
23	28	98 565	78 402,975	3 058 900,504	39,015	38,555
24	29	98 502	77 576,632	2 980 497,529	38,420	37,960
25	30	98 429	76 752,207	2 902 920,896	37,822	37,362
26	31	98 355	75 934,917	2 826 168,689	37,218	36,758
27	32	98 279	75 124,991	2 750 233,771	36,609	36,149
28	33	98 200	74 321,354	2 675 108,780	35,994	35,534
29	34	98 117	73 523,319	2 600 787,426	35,374	34,914
30	35	98 026	72 727,852	2 527 264,107	34,750	34,290
31	36	97 931	71 937,690	2 454 536,255	34,120	33,660
32	37	97 826	71 148,933	2 382 598,565	33,487	33,028
33	38	97 717	70 366,410	2 311 449,632	32,849	32,389
34	39	97 587	69 576,739	2 241 083,222	32,210	31,750
35	40	97 453	68 793,469	2 171 506,482	31,566	31,106
36	41	97 308	68 011,035	2 102 713,013	30,917	30,457
37	42	97 152	67 229,980	2 034 701,978	30,265	29,805
38	43	96 980	66 446,330	1 967 471,998	29,610	29,150
39	44	96 789	65 658,528	1 901 025,668	28,953	28,493
40	45	96 587	64 873,001	1 835 367,140	28,292	27,832
41	46	96 356	64 077,276	1 770 494,139	27,631	27,171
42	47	96 111	63 281,088	1 706 416,863	26,966	26,506
43	48	95 841	62 478,541	1 643 135,776	26,299	25,839
44	49	95 541	61 666,237	1 580 657,235	25,632	25,172
45	50	95 202	60 839,364	1 518 990,998	24,967	24,507
46	51	94 840	60 007,595	1 458 151,634	24,299	23,839
47	52	94 430	59 156,962	1 398 144,039	23,634	23,174
48	53	93 987	58 296,237	1 338 987,077	22,969	22,509
49	54	93 496	57 417,963	1 280 690,841	22,305	21,845
50	55	92 949	56 516,821	1 223 272,878	21,644	21,184
51	56	92 340	55 590,232	1 166 756,057	20,989	20,529
52	57	91 669	54 639,930	1 111 165,825	20,336	19,876
53	58	90 931	53 663,520	1 056 525,895	19,688	19,228
54	59	90 110	52 652,607	1 002 862,375	19,047	18,587
55	60	89 209	51 610,106	950 209,768	18,411	17,951
56	61	88 214	50 528,985	898 599,662	17,784	17,324
57	62	87 135	49 416,557	848 070,678	17,162	16,702
58	63	85 965	48 270,592	798 654,121	16,545	16,085
59	64	84 689	47 082,930	750 383,529	15,937	15,478
60	65	83 304	45 854,904	703 300,598	15,338	14,878
61	66	81 828	44 596,240	657 445,694	14,742	14,282
62	67	80 233	43 294,175	612 849,454	14,155	13,695
63	68	78 524	41 952,046	569 555,279	13,576	13,116
64	69	76 693	40 568,542	527 603,234	13,005	12,545
65	70	74 727	39 136,900	487 034,692	12,444	11,984
66	71	72 647	37 671,180	447 897,792	11,890	11,430
67	72	70 462	36 176,258	410 226,612	11,340	10,880
68	73	68 169	34 652,442	374 050,353	10,794	10,334
69	74	65 764	33 098,866	339 397,911	10,254	9,794
70	75	63 228	31 507,300	306 299,045	9,722	9,262
71	76	60 629	29 913,054	274 791,745	9,186	8,726
72	77	57 860	28 264,165	244 878,690	8,664	8,204
73	78	55 004	26 603,091	216 614,525	8,142	7,682
74	79	51 956	24 880,337	190 011,435	7,637	7,177
75	80	48 760	23 118,436	165 131,098	7,143	6,683
76	81	45 402	21 313,428	142 012,661	6,663	6,203
77	82	41 849	19 450,921	120 699,233	6,205	5,745
78	83	38 164	17 562,349	101 248,312	5,765	5,305
79	84	34 362	15 656,534	83 685,963	5,345	4,885
80	85	30 502	13 760,046	68 029,429	4,944	4,484
81	86	26 590	11 876,523	54 269,383	4,569	4,109
82	87	22 706	10 041,122	42 392,860	4,222	3,762
83	88	18 952	8 297,950	32 351,739	3,899	3,439
84	89	15 420	6 684,675	24 053,788	3,598	3,138
85	90	12 188	5 231,276	17 369,113	3,320	2,860
86	91	9 303	3 953,401	12 137,838	3,070	2,610
87	92	6 832	2 874,591	8 184,436	2,847	2,387
88	93	4 818	2 006,987	5 309,846	2,646	2,186
89	94	3 244	1 338,119	3 302,858	2,468	2,008
90	95	2 085	851,528	1 964,739	2,307	1,847
91	96	1 275	515,600	1 113,212	2,159	1,699
92	97	730	292,072	597,612	2,046	1,586
93	98	396	157,024	305,539	1,946	1,486
94	99	206	80,795	148,515	1,838	1,378
95	100	100	38,718	67,721	1,749	1,289

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 634	99 633,675	5 079 943,548	50,986	50,526
1	7	99 270	98 287,100	4 980 309,874	50,671	50,211
2	8	99 238	97 282,542	4 882 022,774	50,184	49,724
3	9	99 216	96 297,601	4 784 740,232	49,687	49,227
4	10	99 199	95 327,941	4 688 442,631	49,182	48,722
5	11	99 182	94 368,524	4 593 114,690	48,672	48,212
6	12	99 165	93 417,572	4 498 746,166	48,157	47,697
7	13	99 148	92 476,975	4 405 328,594	47,637	47,177
8	14	99 130	91 544,849	4 312 851,619	47,112	46,652
9	15	99 112	90 622,357	4 221 306,770	46,581	46,121
10	16	99 092	89 707,011	4 130 684,413	46,046	45,586
11	17	99 070	88 798,708	4 040 977,402	45,507	45,047
12	18	99 049	87 900,737	3 952 178,695	44,962	44,502
13	19	99 022	87 007,297	3 864 277,957	44,413	43,953
14	20	98 996	86 122,522	3 777 270,661	43,859	43,399
15	21	98 964	85 242,493	3 691 148,138	43,302	42,842
16	22	98 932	84 371,101	3 605 905,645	42,739	42,279
17	23	98 891	83 501,474	3 521 534,544	42,173	41,713
18	24	98 846	82 637,137	3 438 033,070	41,604	41,144
19	25	98 791	81 772,880	3 355 395,933	41,033	40,573
20	26	98 732	80 915,656	3 273 623,053	40,457	39,997
21	27	98 671	80 064,844	3 192 707,397	39,877	39,417
22	28	98 610	79 222,946	3 112 642,553	39,290	38,830
23	29	98 542	78 384,500	3 033 419,608	38,699	38,239
24	30	98 476	77 556,558	2 955 035,107	38,102	37,642
25	31	98 398	76 727,867	2 877 478,549	37,502	37,042
26	32	98 324	75 911,074	2 800 750,682	36,895	36,435
27	33	98 246	75 099,251	2 724 839,608	36,283	35,823
28	34	98 165	74 294,574	2 649 740,357	35,665	35,205
29	35	98 077	73 493,469	2 575 445,783	35,043	34,583
30	36	97 986	72 697,879	2 501 952,314	34,416	33,956
31	37	97 886	71 904,707	2 429 254,435	33,784	33,324
32	38	97 779	71 115,161	2 357 349,729	33,148	32,688
33	39	97 658	70 323,961	2 286 234,567	32,510	32,050
34	40	97 528	69 534,914	2 215 910,606	31,868	31,408
35	41	97 386	68 746,298	2 146 375,693	31,222	30,762
36	42	97 236	67 960,689	2 077 629,395	30,571	30,111
37	43	97 075	67 176,615	2 009 668,706	29,916	29,456
38	44	96 892	66 385,992	1 942 492,090	29,261	28,801
39	45	96 695	65 594,802	1 876 106,098	28,601	28,141
40	46	96 476	64 798,252	1 810 511,296	27,941	27,481
41	47	96 239	63 999,261	1 745 713,044	27,277	26,817
42	48	95 979	63 194,374	1 681 713,784	26,612	26,152
43	49	95 688	62 378,947	1 618 519,410	25,947	25,487
44	50	95 374	61 558,440	1 556 140,463	25,279	24,819
45	51	95 026	60 726,617	1 494 582,024	24,612	24,152
46	52	94 636	59 879,017	1 433 855,407	23,946	23,486
47	53	94 210	59 018,951	1 373 976,390	23,280	22,820
48	54	93 745	58 146,551	1 314 957,439	22,615	22,155
49	55	93 226	57 252,100	1 256 810,888	21,952	21,492
50	56	92 648	56 333,398	1 199 558,789	21,294	20,834
51	57	92 009	55 391,388	1 143 225,390	20,639	20,179
52	58	91 309	54 425,516	1 087 834,003	19,988	19,528
53	59	90 536	53 430,115	1 033 408,487	19,341	18,881
54	60	89 686	52 404,805	979 978,372	18,700	18,240
55	61	88 739	51 337,813	927 573,567	18,068	17,608
56	62	87 712	50 241,683	876 235,754	17,440	16,980
57	63	86 600	49 113,414	825 994,071	16,818	16,358
58	64	85 385	47 944,819	776 880,657	16,204	15,744
59	65	84 056	46 731,095	728 935,838	15,599	15,139
60	66	82 640	45 489,420	682 204,743	14,997	14,537
61	67	81 111	44 205,483	636 715,323	14,404	13,944
62	68	79 473	42 883,650	592 509,840	13,817	13,357
63	69	77 702	41 512,989	549 626,190	13,240	12,780
64	70	75 807	40 099,789	508 113,201	12,671	12,211
65	71	73 785	38 643,822	468 013,412	12,111	11,651
66	72	71 652	37 155,018	429 369,589	11,556	11,096
67	73	69 418	35 640,358	392 214,572	11,005	10,545
68	74	67 050	34 083,582	356 574,213	10,462	10,002
69	75	64 591	32 508,278	322 490,631	9,920	9,460
70	76	62 012	30 901,371	289 982,353	9,384	8,924
71	77	59 321	29 267,951	259 080,982	8,852	8,392
72	78	56 483	27 591,577	229 813,031	8,329	7,869
73	79	53 494	25 872,888	202 221,454	7,816	7,356
74	80	50 324	24 098,735	176 348,565	7,318	6,858
75	81	46 982	22 275,504	152 249,831	6,835	6,375
76	82	43 465	20 403,902	129 974,327	6,370	5,910
77	83	39 783	18 490,455	109 570,426	5,926	5,466
78	84	35 999	16 566,363	91 079,970	5,498	5,038
79	85	32 123	14 636,305	74 513,607	5,091	4,631
80	86	28 180	12 712,567	59 877,303	4,710	4,250
81	87	24 272	10 841,127	47 164,735	4,351	3,891
82	88	20 436	9 037,557	36 323,608	4,019	3,559
83	89	16 787	7 350,308	27 286,051	3,712	3,252
84	90	13 423	5 818,890	19 935,743	3,426	2,966
85	91	10 390	4 459,788	14 116,854	3,165	2,705
86	92	7 743	3 290,675	9 657,066	2,935	2,475
87	93	5 551	2 335,600	6 366,391	2,726	2,266
88	94	3 811	1 587,579	4 030,792	2,539	2,079
89	95	2 497	1 030,130	2 443,213	2,372	1,912
90	96	1 558	636,281	1 413,082	2,221	1,761
91	97	911	368,317	776,801	2,109	1,649
92	98	511	204,737	408,484	1,995	1,535
93	99	272	107,857	203,747	1,889	1,429
94	100	136	53,570	95,890	1,790	1,330

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 625	99 624,861	5 052 768,130	50,718	50,258
1	8	99 265	98 282,534	4 953 143,269	50,397	49,937
2	9	99 231	97 275,763	4 854 860,735	49,908	49,448
3	10	99 209	96 291,710	4 757 584,972	49,408	48,948
4	11	99 193	95 322,365	4 661 293,262	48,900	48,440
5	12	99 175	94 361,227	4 565 970,897	48,388	47,928
6	13	99 157	93 410,237	4 471 609,670	47,871	47,411
7	14	99 138	92 468,262	4 378 199,433	47,348	46,888
8	15	99 121	91 536,408	4 285 731,171	46,820	46,360
9	16	99 100	90 611,331	4 194 194,763	46,288	45,828
10	17	99 078	89 693,802	4 103 583,432	45,751	45,291
11	18	99 056	88 786,617	4 013 889,630	45,208	44,748
12	19	99 029	87 883,420	3 925 103,014	44,663	44,203
13	20	99 005	86 992,089	3 837 219,594	44,110	43,650
14	21	98 977	86 106,600	3 750 227,505	43,553	43,093
15	22	98 948	85 228,437	3 664 120,906	42,992	42,532
16	23	98 916	84 357,365	3 578 892,468	42,425	41,965
17	24	98 873	83 486,447	3 494 535,104	41,858	41,398
18	25	98 828	82 622,268	3 411 048,657	41,285	40,825
19	26	98 772	81 757,325	3 328 426,390	40,711	40,251
20	27	98 714	80 900,428	3 246 669,065	40,132	39,672
21	28	98 650	80 047,615	3 165 768,637	39,549	39,089
22	29	98 587	79 204,277	3 085 721,022	38,959	38,499
23	30	98 517	78 364,217	3 006 516,744	38,366	37,906
24	31	98 445	77 531,963	2 928 152,527	37,767	37,307
25	32	98 367	76 703,775	2 850 620,565	37,164	36,704
26	33	98 291	75 885,064	2 773 916,790	36,554	36,094
27	34	98 210	75 072,190	2 698 031,726	35,939	35,479
28	35	98 125	74 264,411	2 622 959,535	35,319	34,859
29	36	98 037	73 463,180	2 548 695,124	34,694	34,234
30	37	97 941	72 664,547	2 475 231,945	34,064	33,604
31	38	97 839	71 870,576	2 402 567,398	33,429	32,969
32	39	97 720	71 072,261	2 330 696,821	32,793	32,333
33	40	97 599	70 281,686	2 259 624,560	32,151	31,691
34	41	97 461	69 487,234	2 189 342,874	31,507	31,047
35	42	97 314	68 695,407	2 119 855,640	30,859	30,399
36	43	97 159	67 906,745	2 051 160,233	30,206	29,746
37	44	96 987	67 115,614	1 983 253,488	29,550	29,090
38	45	96 798	66 321,560	1 916 137,874	28,892	28,432
39	46	96 583	65 519,221	1 849 816,314	28,233	27,773
40	47	96 358	64 719,359	1 784 297,093	27,570	27,110
41	48	96 107	63 911,562	1 719 577,734	26,906	26,446
42	49	95 826	63 093,639	1 655 666,171	26,241	25,781
43	50	95 521	62 269,904	1 592 572,533	25,575	25,115
44	51	95 197	61 444,359	1 530 302,629	24,906	24,446
45	52	94 822	60 596,498	1 468 858,270	24,240	23,780
46	53	94 416	59 739,321	1 408 261,772	23,573	23,113
47	54	93 968	58 867,409	1 348 522,450	22,908	22,448
48	55	93 475	57 978,583	1 289 655,041	22,244	21,784
49	56	92 924	57 066,291	1 231 676,458	21,583	21,123
50	57	92 316	56 131,896	1 174 610,167	20,926	20,466
51	58	91 648	55 174,025	1 118 478,271	20,272	19,812
52	59	90 912	54 188,797	1 063 304,246	19,622	19,162
53	60	90 109	53 178,654	1 009 115,449	18,976	18,516
54	61	89 213	52 128,319	955 936,795	18,338	17,878
55	62	88 234	51 045,912	903 808,476	17,706	17,246
56	63	87 174	49 933,478	852 762,564	17,078	16,618
57	64	86 016	48 781,952	802 829,085	16,458	15,998
58	65	84 747	47 586,543	754 047,133	15,846	15,386
59	66	83 386	46 358,628	706 460,590	15,239	14,779
60	67	81 916	45 090,837	660 101,962	14,639	14,179
61	68	80 342	43 786,317	615 011,125	14,046	13,586
62	69	78 641	42 434,844	571 224,809	13,461	13,001
63	70	76 804	41 033,323	528 789,965	12,887	12,427
64	71	74 852	39 594,580	487 756,642	12,319	11,859
65	72	72 774	38 114,333	448 162,061	11,758	11,298
66	73	70 591	36 604,619	410 047,728	11,202	10,742
67	74	68 279	35 055,280	373 443,110	10,653	10,193
68	75	65 854	33 475,423	338 387,829	10,109	9,649
69	76	63 348	31 883,099	304 912,406	9,563	9,103
70	77	60 674	30 234,954	273 029,308	9,030	8,570
71	78	57 910	28 571,477	242 794,354	8,498	8,038
72	79	54 932	26 834,243	214 222,877	7,983	7,523
73	80	51 814	25 060,105	187 388,634	7,478	7,018
74	81	48 489	23 220,059	162 328,528	6,991	6,531
75	82	44 977	21 324,922	139 108,470	6,523	6,063
76	83	41 319	19 396,379	117 783,548	6,072	5,612
77	84	37 526	17 441,835	98 387,169	5,641	5,181
78	85	33 653	15 486,847	80 945,335	5,227	4,767
79	86	29 678	13 522,121	65 458,488	4,841	4,381
80	87	25 723	11 604,286	51 936,367	4,476	4,016
81	88	21 846	9 757,606	40 332,081	4,133	3,673
82	89	18 102	8 005,450	30 574,476	3,819	3,359
83	90	14 613	6 398,311	22 569,026	3,527	3,067
84	91	11 443	4 960,743	16 170,715	3,260	2,800
85	92	8 649	3 712,173	11 209,972	3,020	2,560
86	93	6 291	2 673,667	7 497,799	2,804	2,344
87	94	4 391	1 847,519	4 824,132	2,611	2,151
88	95	2 934	1 222,173	2 976,612	2,436	1,976
89	96	1 866	769,737	1 754,439	2,279	1,819
90	97	1 113	454,526	984,702	2,166	1,706
91	98	639	258,184	530,176	2,053	1,594
92	99	351	140,630	271,993	1,934	1,474
93	100	180	71,513	131,362	1,837	1,377

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 620	99 620,233	5 024 163,185	50,433	49,973
1	9	99 258	98 275,685	4 924 542,952	50,109	49,649
2	10	99 225	97 269,812	4 826 267,267	49,617	49,157
3	11	99 204	96 286,078	4 728 997,455	49,114	48,654
4	12	99 185	95 314,994	4 632 711,377	48,604	48,144
5	13	99 167	94 353,817	4 537 396,383	48,089	47,629
6	14	99 148	93 401,436	4 443 042,566	47,569	47,109
7	15	99 129	92 459,736	4 349 641,130	47,044	46,584
8	16	99 109	91 525,271	4 257 181,394	46,514	46,054
9	17	99 086	90 597,989	4 165 656,122	45,980	45,520
10	18	99 064	89 681,589	4 075 058,134	45,439	44,979
11	19	99 037	88 769,124	3 985 376,545	44,896	44,436
12	20	99 012	87 868,058	3 896 607,421	44,346	43,886
13	21	98 987	86 976,006	3 808 739,363	43,791	43,331
14	22	98 961	86 092,401	3 721 763,357	43,230	42,770
15	23	98 931	85 214,561	3 635 670,956	42,665	42,205
16	24	98 898	84 342,183	3 550 456,395	42,096	41,636
17	25	98 856	83 471,424	3 466 114,211	41,525	41,065
18	26	98 810	82 606,551	3 382 642,787	40,949	40,489
19	27	98 753	81 741,938	3 300 036,236	40,371	39,911
20	28	98 693	80 883,019	3 218 294,298	39,789	39,330
21	29	98 627	80 028,752	3 137 411,279	39,204	38,744
22	30	98 561	79 183,782	3 057 382,526	38,611	38,151
23	31	98 485	78 339,365	2 978 198,744	38,017	37,557
24	32	98 414	77 507,618	2 899 859,379	37,414	36,954
25	33	98 334	76 677,494	2 822 351,761	36,808	36,348
26	34	98 255	75 857,721	2 745 674,268	36,195	35,735
27	35	98 170	75 041,712	2 669 816,547	35,578	35,118
28	36	98 084	74 233,804	2 594 774,835	34,954	34,494
29	37	97 992	73 429,497	2 520 541,031	34,326	33,866
30	38	97 894	72 630,056	2 447 111,534	33,693	33,233
31	39	97 780	71 827,220	2 374 481,478	33,058	32,598
32	40	97 661	71 029,536	2 302 654,258	32,418	31,958
33	41	97 533	70 233,494	2 231 624,722	31,774	31,314
34	42	97 389	69 435,795	2 161 391,228	31,128	30,668
35	43	97 237	68 640,880	2 091 955,432	30,477	30,017
36	44	97 071	67 845,081	2 023 314,553	29,823	29,363
37	45	96 893	67 050,473	1 955 469,472	29,164	28,704
38	46	96 687	66 245,142	1 888 418,998	28,507	28,047
39	47	96 466	65 439,450	1 822 173,856	27,845	27,385
40	48	96 226	64 630,674	1 756 734,406	27,181	26,721
41	49	95 954	63 809,684	1 692 103,732	26,518	26,058
42	50	95 658	62 983,347	1 628 294,048	25,853	25,393
43	51	95 344	62 154,505	1 565 310,701	25,184	24,724
44	52	94 993	61 312,703	1 503 156,196	24,516	24,056
45	53	94 601	60 455,128	1 441 843,493	23,850	23,390
46	54	94 173	59 585,930	1 381 388,365	23,183	22,723
47	55	93 696	58 697,359	1 321 802,434	22,519	22,059
48	56	93 171	57 790,417	1 263 105,075	21,857	21,397
49	57	92 591	56 862,167	1 205 314,659	21,197	20,737
50	58	91 954	55 911,627	1 148 452,492	20,540	20,081
51	59	91 250	54 934,050	1 092 540,865	19,888	19,428
52	60	90 484	53 933,765	1 037 606,814	19,239	18,779
53	61	89 634	52 898,085	983 673,049	18,596	18,136
54	62	88 706	51 831,924	930 774,964	17,958	17,498
55	63	87 693	50 732,774	878 943,040	17,325	16,865
56	64	86 586	49 596,482	828 210,266	16,699	16,239
57	65	85 373	48 417,421	778 613,783	16,081	15,621
58	66	84 071	47 207,257	730 196,362	15,468	15,008
59	67	82 655	45 952,428	682 989,105	14,863	14,403
60	68	81 140	44 663,276	637 036,677	14,263	13,803
61	69	79 501	43 328,064	592 373,401	13,672	13,212
62	70	77 732	41 944,526	549 045,338	13,090	12,630
63	71	75 836	40 516,353	507 100,812	12,516	12,056
64	72	73 826	39 052,064	466 584,459	11,948	11,488
65	73	71 696	37 549,723	427 532,395	11,386	10,926
66	74	69 432	36 003,711	389 982,672	10,832	10,372
67	75	67 060	34 429,783	353 978,960	10,281	9,821
68	76	64 587	32 831,645	319 549,177	9,733	9,273
69	77	61 982	31 195,510	286 717,533	9,191	8,731
70	78	59 231	29 515,468	255 522,023	8,657	8,197
71	79	56 320	27 787,246	226 006,555	8,133	7,673
72	80	53 207	25 991,259	198 219,308	7,626	7,166
73	81	49 924	24 146,376	172 228,049	7,133	6,673
74	82	46 420	22 229,169	148 081,673	6,662	6,202
75	83	42 756	20 271,920	125 852,504	6,208	5,748
76	84	38 975	18 296,382	105 580,584	5,771	5,311
77	85	35 081	16 305,270	87 284,202	5,353	4,893
78	86	31 092	14 307,916	70 978,932	4,961	4,501
79	87	27 091	12 343,263	56 671,017	4,591	4,131
80	88	23 152	10 444,490	44 327,754	4,244	3,784
81	89	19 351	8 643,268	33 883,264	3,920	3,460
82	90	15 758	6 968,600	25 239,997	3,622	3,162
83	91	12 458	5 454,713	18 271,396	3,350	2,890
84	92	9 525	4 129,151	12 816,683	3,104	2,644
85	93	7 027	3 016,134	8 687,532	2,880	2,420
86	94	4 977	2 114,940	5 671,398	2,682	2,222
87	95	3 380	1 422,285	3 556,458	2,501	2,041
88	96	2 192	913,236	2 134,174	2,337	1,877
89	97	1 333	549,859	1 220,938	2,220	1,760
90	98	780	318,614	671,078	2,106	1,646
91	99	439	177,342	352,464	1,987	1,528
92	100	233	93,243	175,123	1,878	1,418

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 613	99 613,291	4 994 135,812	50,135	49,675
1	10	99 252	98 269,673	4 894 522,522	49,807	49,347
2	11	99 219	97 264,122	4 796 252,848	49,312	48,852
3	12	99 196	96 278,632	4 698 988,726	48,806	48,346
4	13	99 177	95 307,509	4 602 710,094	48,293	47,833
5	14	99 157	94 344,928	4 507 402,584	47,776	47,316
6	15	99 138	93 392,824	4 413 057,656	47,253	46,793
7	16	99 117	92 448,487	4 319 664,833	46,725	46,265
8	17	99 094	91 511,794	4 227 216,346	46,193	45,733
9	18	99 072	90 585,652	4 135 704,551	45,655	45,195
10	19	99 045	89 663,920	4 045 118,899	45,114	44,654
11	20	99 020	88 753,608	3 955 454,979	44,567	44,107
12	21	98 994	87 851,813	3 866 701,371	44,014	43,554
13	22	98 970	86 961,663	3 778 849,557	43,454	42,994
14	23	98 945	86 078,385	3 691 887,894	42,890	42,430
15	24	98 914	85 199,226	3 605 809,509	42,322	41,862
16	25	98 880	84 327,007	3 520 610,284	41,749	41,290
17	26	98 837	83 455,546	3 436 283,276	41,175	40,715
18	27	98 791	82 591,005	3 352 827,731	40,596	40,136
19	28	98 732	81 724,349	3 270 236,726	40,015	39,555
20	29	98 669	80 863,960	3 188 512,377	39,431	38,971
21	30	98 601	80 008,044	3 107 648,417	38,842	38,382
22	31	98 530	79 158,670	3 027 640,374	38,248	37,788
23	32	98 454	78 314,767	2 948 481,703	37,649	37,189
24	33	98 380	77 481,061	2 870 166,936	37,043	36,583
25	34	98 298	76 649,864	2 792 685,875	36,434	35,974
26	35	98 215	75 826,923	2 716 036,011	35,819	35,359
27	36	98 130	75 010,785	2 640 209,088	35,198	34,738
28	37	98 039	74 199,768	2 565 198,304	34,572	34,112
29	38	97 945	73 394,643	2 490 998,536	33,940	33,480
30	39	97 835	72 586,242	2 417 603,893	33,307	32,847
31	40	97 722	71 784,041	2 345 017,651	32,668	32,208
32	41	97 594	70 980,832	2 273 233,610	32,026	31,566
33	42	97 460	70 181,503	2 202 252,778	31,379	30,919
34	43	97 312	69 380,680	2 132 071,275	30,730	30,270
35	44	97 149	68 578,549	2 062 690,595	30,078	29,618
36	45	96 976	67 779,232	1 994 112,046	29,421	28,961
37	46	96 781	66 973,216	1 926 332,813	28,763	28,303
38	47	96 569	66 164,487	1 859 359,598	28,102	27,642
39	48	96 334	65 349,779	1 793 195,111	27,440	26,980
40	49	96 073	64 527,650	1 727 845,332	26,777	26,317
41	50	95 786	63 698,140	1 663 317,682	26,112	25,653
42	51	95 481	62 866,626	1 599 619,542	25,445	24,985
43	52	95 139	62 021,327	1 536 752,916	24,778	24,318
44	53	94 771	61 169,662	1 474 731,590	24,109	23,649
45	54	94 358	60 299,899	1 413 561,927	23,442	22,982
46	55	93 901	59 413,805	1 353 262,028	22,777	22,317
47	56	93 392	58 506,860	1 293 848,223	22,114	21,654
48	57	92 838	57 583,703	1 235 341,363	21,453	20,993
49	58	92 228	56 639,032	1 177 757,660	20,794	20,334
50	59	91 554	55 668,444	1 121 118,628	20,139	19,679
51	60	90 820	54 675,511	1 065 450,184	19,487	19,027
52	61	90 007	53 649,213	1 010 774,673	18,840	18,380
53	62	89 124	52 597,313	957 125,460	18,197	17,737
54	63	88 162	51 513,964	904 528,147	17,559	17,099
55	64	87 101	50 390,384	853 014,183	16,928	16,468
56	65	85 939	49 225,864	802 623,799	16,305	15,845
57	66	84 692	48 031,513	753 397,935	15,685	15,226
58	67	83 335	46 793,622	705 366,422	15,074	14,614
59	68	81 871	45 516,697	658 572,800	14,469	14,009
60	69	80 290	44 195,844	613 056,103	13,871	13,411
61	70	78 582	42 827,425	568 860,259	13,283	12,823
62	71	76 753	41 416,076	526 032,833	12,701	12,241
63	72	74 797	39 961,207	484 616,758	12,127	11,667
64	73	72 733	38 473,563	444 655,551	11,557	11,097
65	74	70 519	36 933,301	406 181,988	10,998	10,538
66	75	68 193	35 361,291	369 248,687	10,442	9,982
67	76	65 771	33 767,651	333 887,396	9,888	9,428
68	77	63 194	32 123,599	300 119,746	9,343	8,883
69	78	60 507	30 453,166	267 996,146	8,800	8,340
70	79	57 605	28 705,327	237 542,980	8,275	7,815
71	80	54 551	26 914,325	208 837,653	7,759	7,299
72	81	51 267	25 043,579	181 923,328	7,264	6,804
73	82	47 794	23 115,957	156 879,749	6,787	6,327
74	83	44 128	21 131,516	133 763,792	6,330	5,870
75	84	40 331	19 122,270	112 632,276	5,890	5,430
76	85	36 436	17 104,132	93 510,006	5,467	5,007
77	86	32 411	15 064,037	76 405,874	5,072	4,612
78	87	28 381	13 060,551	61 341,837	4,697	4,237
79	88	24 383	11 109,609	48 281,286	4,346	3,886
80	89	20 508	9 251,708	37 171,676	4,018	3,558
81	90	16 845	7 523,809	27 919,968	3,711	3,251
82	91	13 434	5 940,898	20 396,159	3,433	2,973
83	92	10 370	4 540,315	14 455,261	3,184	2,724
84	93	7 739	3 354,928	9 914,946	2,955	2,495
85	94	5 559	2 385,840	6 560,018	2,750	2,290
86	95	3 831	1 628,154	4 174,178	2,564	2,104
87	96	2 526	1 062,764	2 546,024	2,396	1,936
88	97	1 566	652,368	1 483,260	2,274	1,814
89	98	934	385,441	830,893	2,156	1,696
90	99	536	218,850	445,451	2,035	1,575
91	100	291	117,584	226,601	1,927	1,467

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	10	99 607	99 607,197	4 962 705,079	49,823	49,363
1	11	99 247	98 263,925	4 863 097,882	49,490	49,030
2	12	99 211	97 256,601	4 764 833,957	48,992	48,532
3	13	99 188	96 271,072	4 667 577,356	48,484	48,024
4	14	99 168	95 298,530	4 571 306,284	47,968	47,508
5	15	99 148	94 336,229	4 476 007,754	47,447	46,987
6	16	99 126	93 381,461	4 381 671,525	46,922	46,462
7	17	99 103	92 434,874	4 288 290,064	46,393	45,933
8	18	99 081	91 499,334	4 195 855,190	45,857	45,397
9	19	99 053	90 567,806	4 104 355,856	45,318	44,858
10	20	99 027	89 648,248	4 013 788,050	44,773	44,313
11	21	99 001	88 737,199	3 924 139,803	44,222	43,762
12	22	98 977	87 837,327	3 835 402,603	43,665	43,205
13	23	98 954	86 947,505	3 747 565,277	43,101	42,641
14	24	98 927	86 062,894	3 660 617,771	42,534	42,074
15	25	98 896	85 183,895	3 574 554,878	41,963	41,503
16	26	98 861	84 310,966	3 489 370,982	41,387	40,927
17	27	98 818	83 439,840	3 405 060,016	40,809	40,349
18	28	98 770	82 573,232	3 321 620,177	40,226	39,766
19	29	98 709	81 705,091	3 239 046,944	39,643	39,183
20	30	98 644	80 843,035	3 157 341,853	39,055	38,595
21	31	98 570	79 982,671	3 076 498,818	38,465	38,005
22	32	98 499	79 133,815	2 996 516,148	37,866	37,406
23	33	98 421	78 287,934	2 917 382,333	37,265	36,805
24	34	98 345	77 453,142	2 839 094,399	36,656	36,196
25	35	98 258	76 618,745	2 761 641,257	36,044	35,584
26	36	98 175	75 795,672	2 685 022,512	35,424	34,965
27	37	98 085	74 976,392	2 609 226,840	34,801	34,341
28	38	97 993	74 164,548	2 534 250,448	34,171	33,711
29	39	97 886	73 350,367	2 460 085,900	33,539	33,079
30	40	97 776	72 542,607	2 386 735,532	32,901	32,441
31	41	97 655	71 734,819	2 314 192,925	32,260	31,800
32	42	97 522	70 928,287	2 242 458,106	31,616	31,156
33	43	97 383	70 125,796	2 171 529,819	30,966	30,506
34	44	97 223	69 317,677	2 101 404,023	30,316	29,856
35	45	97 054	68 511,989	2 032 086,345	29,660	29,200
36	46	96 865	67 701,135	1 963 574,357	29,004	28,544
37	47	96 664	66 891,675	1 895 873,222	28,342	27,882
38	48	96 437	66 073,822	1 828 981,547	27,681	27,221
39	49	96 180	65 245,608	1 762 907,725	27,020	26,560
40	50	95 905	64 414,851	1 697 662,117	26,355	25,895
41	51	95 609	63 580,095	1 633 247,267	25,688	25,228
42	52	95 277	62 731,922	1 569 667,172	25,022	24,562
43	53	94 917	61 876,633	1 506 935,250	24,354	23,894
44	54	94 528	61 012,599	1 445 058,617	23,685	23,225
45	55	94 085	60 125,711	1 384 046,018	23,019	22,559
46	56	93 596	59 220,980	1 323 920,307	22,356	21,896
47	57	93 058	58 297,583	1 264 699,327	21,694	21,234
48	58	92 474	57 357,737	1 206 401,744	21,033	20,573
49	59	91 827	56 392,686	1 149 044,007	20,376	19,916
50	60	91 123	55 406,449	1 092 651,321	19,721	19,261
51	61	90 341	54 387,045	1 037 244,872	19,072	18,612
52	62	89 495	53 344,170	982 857,827	18,425	17,965
53	63	88 578	52 274,658	929 513,658	17,781	17,321
54	64	87 567	51 166,301	877 239,000	17,145	16,685
55	65	86 450	50 013,833	826 072,698	16,517	16,057
56	66	85 254	48 833,512	776 058,865	15,892	15,432
57	67	83 950	47 610,655	727 225,352	15,274	14,814
58	68	82 545	46 349,915	679 614,697	14,663	14,203
59	69	81 014	45 040,334	633 264,783	14,060	13,600
60	70	79 363	43 685,179	588 224,448	13,465	13,005
61	71	77 592	42 287,851	544 539,269	12,877	12,417
62	72	75 701	40 848,602	502 251,418	12,295	11,835
63	73	73 689	39 369,238	461 402,816	11,720	11,260
64	74	71 539	37 841,974	422 033,578	11,153	10,693
65	75	69 261	36 274,294	384 191,603	10,591	10,131
66	76	66 881	34 681,244	347 917,310	10,032	9,572
67	77	64 352	33 039,420	313 236,065	9,481	9,021
68	78	61 690	31 359,170	280 196,646	8,935	8,475
69	79	58 846	29 617,287	248 837,475	8,402	7,942
70	80	55 795	27 803,565	219 220,188	7,885	7,425
71	81	52 562	25 932,988	191 416,623	7,381	6,921
72	82	49 079	23 974,873	165 483,635	6,902	6,442
73	83	45 434	21 974,516	141 508,762	6,440	5,980
74	84	41 625	19 933,117	119 534,247	5,997	5,537
75	85	37 703	17 876,202	99 601,130	5,572	5,112
76	86	33 662	15 802,086	81 724,927	5,172	4,712
77	87	29 585	13 750,754	65 922,841	4,794	4,334
78	88	25 545	11 755,208	52 172,087	4,438	3,978
79	89	21 598	9 840,870	40 416,879	4,107	3,647
80	90	17 852	8 053,446	30 576,009	3,797	3,337
81	91	14 361	6 414,227	22 522,564	3,511	3,051
82	92	11 182	4 944,999	16 108,336	3,258	2,798
83	93	8 425	3 688,998	11 163,337	3,026	2,566
84	94	6 122	2 653,834	7 474,339	2,816	2,356
85	95	4 279	1 836,702	4 820,505	2,625	2,165
86	96	2 863	1 216,594	2 983,803	2,453	1,993
87	97	1 804	759,182	1 767,209	2,328	1,868
88	98	1 098	457,298	1 008,026	2,204	1,744
89	99	642	264,753	550,729	2,080	1,620
90	100	355	145,105	285,976	1,971	1,511

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	11	99 601	99 601,371	4 929 891,288	49,496	49,036
1	12	99 239	98 256,327	4 830 289,918	49,160	48,700
2	13	99 204	97 248,964	4 732 033,591	48,659	48,199
3	14	99 179	96 262,002	4 634 784,627	48,148	47,688
4	15	99 159	95 289,743	4 538 522,625	47,629	47,169
5	16	99 136	94 324,751	4 443 232,882	47,106	46,646
6	17	99 112	93 367,711	4 348 908,131	46,578	46,118
7	18	99 089	92 422,288	4 255 540,420	46,045	45,585
8	19	99 061	91 481,307	4 163 118,132	45,508	45,048
9	20	99 035	90 551,975	4 071 636,825	44,965	44,505
10	21	99 009	89 631,673	3 981 084,850	44,416	43,956
11	22	98 985	88 722,567	3 891 453,176	43,861	43,401
12	23	98 961	87 823,026	3 802 730,609	43,300	42,840
13	24	98 937	86 931,858	3 714 907,583	42,734	42,274
14	25	98 909	86 047,408	3 627 975,725	42,163	41,703
15	26	98 877	85 167,691	3 541 928,318	41,588	41,128
16	27	98 843	84 295,099	3 456 760,626	41,008	40,548
17	28	98 797	83 421,885	3 372 465,527	40,427	39,967
18	29	98 746	82 553,775	3 289 043,643	39,841	39,381
19	30	98 683	81 683,948	3 206 489,868	39,255	38,795
20	31	98 613	80 817,397	3 124 805,920	38,665	38,205
21	32	98 539	79 957,556	3 043 988,522	38,070	37,610
22	33	98 465	79 106,701	2 964 030,966	37,469	37,009
23	34	98 385	78 259,724	2 884 924,265	36,863	36,403
24	35	98 305	77 421,697	2 806 664,541	36,252	35,792
25	36	98 218	76 587,168	2 729 242,844	35,636	35,176
26	37	98 130	75 760,920	2 652 655,677	35,014	34,554
27	38	98 038	74 940,804	2 576 894,757	34,386	33,926
28	39	97 934	74 119,808	2 501 953,953	33,756	33,296
29	40	97 828	73 306,273	2 427 834,144	33,119	32,659
30	41	97 709	72 492,865	2 354 527,871	32,479	32,019
31	42	97 582	71 681,717	2 282 035,007	31,836	31,376
32	43	97 445	70 871,987	2 210 353,290	31,188	30,728
33	44	97 295	70 062,117	2 139 481,303	30,537	30,077
34	45	97 129	69 250,399	2 069 419,185	29,883	29,423
35	46	96 942	68 433,047	2 000 168,786	29,228	28,768
36	47	96 747	67 618,708	1 931 735,739	28,568	28,108
37	48	96 531	66 800,013	1 864 117,032	27,906	27,446
38	49	96 283	65 968,497	1 797 317,019	27,245	26,785
39	50	96 012	65 131,554	1 731 348,522	26,582	26,122
40	51	95 727	64 295,477	1 666 216,968	25,915	25,455
41	52	95 404	63 443,862	1 601 921,491	25,249	24,789
42	53	95 054	62 585,570	1 538 477,629	24,582	24,122
43	54	94 674	61 717,754	1 475 892,059	23,914	23,454
44	55	94 255	60 836,352	1 414 174,305	23,246	22,786
45	56	93 780	59 930,576	1 353 337,953	22,582	22,122
46	57	93 262	59 009,149	1 293 407,376	21,919	21,459
47	58	92 693	58 068,816	1 234 398,227	21,258	20,798
48	59	92 071	57 108,264	1 176 329,411	20,598	20,138
49	60	91 395	56 127,282	1 119 221,147	19,941	19,481
50	61	90 642	55 114,126	1 063 093,865	19,289	18,829
51	62	89 827	54 077,807	1 007 979,739	18,639	18,179
52	63	88 946	53 016,933	953 901,932	17,992	17,532
53	64	87 980	51 921,862	900 884,999	17,351	16,891
54	65	86 912	50 783,952	848 963,137	16,717	16,257
55	66	85 761	49 615,201	798 179,185	16,087	15,627
56	67	84 507	48 405,628	748 563,984	15,464	15,004
57	68	83 154	47 159,201	700 158,356	14,847	14,387
58	69	81 681	45 864,832	652 999,156	14,237	13,777
59	70	80 078	44 519,911	607 134,324	13,637	13,177
60	71	78 363	43 134,799	562 614,413	13,043	12,583
61	72	76 529	41 708,433	519 479,614	12,455	11,995
62	73	74 580	40 243,488	477 771,181	11,872	11,412
63	74	72 479	38 722,946	437 527,694	11,299	10,839
64	75	70 262	37 166,754	398 804,748	10,730	10,270
65	76	67 929	35 576,689	361 637,994	10,165	9,705
66	77	65 439	33 933,311	326 061,305	9,609	9,149
67	78	62 821	32 253,198	292 127,994	9,057	8,597
68	79	59 997	30 498,423	259 874,797	8,521	8,061
69	80	56 998	28 686,876	229 376,373	7,996	7,536
70	81	53 761	26 789,805	200 689,498	7,491	7,031
71	82	50 319	24 826,327	173 899,693	7,005	6,545
72	83	46 655	22 791,019	149 073,365	6,541	6,081
73	84	42 857	20 728,309	126 282,346	6,092	5,632
74	85	38 913	18 634,213	105 554,037	5,665	5,205
75	86	34 833	16 515,383	86 919,825	5,263	4,803
76	87	30 727	14 424,460	70 404,442	4,881	4,421
77	88	26 628	12 376,428	55 979,982	4,523	4,063
78	89	22 627	10 412,740	43 603,554	4,188	3,728
79	90	18 801	8 566,300	33 190,814	3,875	3,415
80	91	15 219	6 865,755	24 624,514	3,587	3,127
81	92	11 953	5 338,982	17 758,758	3,326	2,866
82	93	9 085	4 017,803	12 419,777	3,091	2,631
83	94	6 665	2 918,092	8 401,974	2,879	2,419
84	95	4 713	2 043,014	5 483,882	2,684	2,224
85	96	3 197	1 372,426	3 440,868	2,507	2,047
86	97	2 045	869,071	2 068,442	2,380	1,920
87	98	1 265	532,173	1 199,371	2,254	1,794
88	99	754	314,109	667,199	2,124	1,664
89	100	426	175,540	353,089	2,011	1,551

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 594	99 593,669	4 895 718,656	49,157	48,697
1	13	99 231	98 248,611	4 796 124,987	48,816	48,356
2	14	99 194	97 239,802	4 697 876,376	48,312	47,852
3	15	99 170	96 253,126	4 600 636,574	47,797	47,337
4	16	99 147	95 278,149	4 504 383,448	47,276	46,816
5	17	99 122	94 310,862	4 409 105,299	46,751	46,291
6	18	99 098	93 354,998	4 314 794,436	46,219	45,759
7	19	99 070	92 404,079	4 221 439,439	45,685	45,225
8	20	99 044	91 465,317	4 129 035,359	45,143	44,683
9	21	99 017	90 535,234	4 037 570,043	44,597	44,137
10	22	98 993	89 616,893	3 947 034,808	44,043	43,583
11	23	98 969	88 708,122	3 857 417,915	43,484	43,024
12	24	98 943	87 807,221	3 768 709,793	42,920	42,460
13	25	98 919	86 916,216	3 680 902,572	42,350	41,890
14	26	98 890	86 031,039	3 593 986,356	41,775	41,315
15	27	98 858	85 151,663	3 507 955,317	41,197	40,737
16	28	98 821	84 276,960	3 422 803,654	40,614	40,154
17	29	98 774	83 402,227	3 338 526,694	40,029	39,569
18	30	98 721	82 532,412	3 255 124,467	39,441	38,981
19	31	98 652	81 658,044	3 172 592,054	38,852	38,392
20	32	98 582	80 792,021	3 090 934,010	38,258	37,798
21	33	98 505	79 930,160	3 010 141,990	37,660	37,200
22	34	98 430	79 078,196	2 930 211,830	37,055	36,595
23	35	98 345	78 227,951	2 851 133,633	36,446	35,987
24	36	98 264	77 389,789	2 772 905,682	35,830	35,370
25	37	98 173	76 552,053	2 695 515,893	35,212	34,752
26	38	98 083	75 724,959	2 618 963,841	34,585	34,125
27	39	97 979	74 895,596	2 543 238,882	33,957	33,497
28	40	97 875	74 075,252	2 468 343,286	33,322	32,862
29	41	97 760	73 256,007	2 394 268,034	32,684	32,224
30	42	97 637	72 439,201	2 321 012,027	32,041	31,581
31	43	97 505	71 624,819	2 248 572,826	31,394	30,934
32	44	97 356	70 807,631	2 176 948,007	30,745	30,285
33	45	97 200	69 994,117	2 106 140,376	30,090	29,630
34	46	97 017	69 170,607	2 036 146,260	29,437	28,977
35	47	96 824	68 349,728	1 966 975,653	28,778	28,318
36	48	96 614	67 526,050	1 898 625,925	28,117	27,657
37	49	96 377	66 693,530	1 831 099,875	27,455	26,995
38	50	96 115	65 853,179	1 764 406,345	26,793	26,333
39	51	95 834	65 010,852	1 698 553,166	26,127	25,667
40	52	95 522	64 157,711	1 633 542,314	25,461	25,001
41	53	95 181	63 295,850	1 569 384,602	24,794	24,334
42	54	94 810	62 424,871	1 506 088,753	24,126	23,666
43	55	94 400	61 539,470	1 443 663,882	23,459	22,999
44	56	93 949	60 638,911	1 382 124,411	22,793	22,333
45	57	93 445	59 716,207	1 321 485,501	22,129	21,669
46	58	92 896	58 777,590	1 261 769,294	21,467	21,007
47	59	92 290	57 816,251	1 202 991,704	20,807	20,347
48	60	91 638	56 839,492	1 145 175,454	20,148	19,688
49	61	90 913	55 831,156	1 088 335,961	19,493	19,033
50	62	90 127	54 800,754	1 032 504,805	18,841	18,381
51	63	89 276	53 746,069	977 704,051	18,191	17,731
52	64	88 346	52 659,127	923 957,981	17,546	17,086
53	65	87 322	51 533,867	871 298,854	16,907	16,447
54	66	86 219	50 379,182	819 764,987	16,272	15,812
55	67	85 010	49 180,467	769 385,805	15,644	15,184
56	68	83 706	47 946,635	720 205,338	15,021	14,561
57	69	82 284	46 665,648	672 258,703	14,406	13,946
58	70	80 737	45 334,882	625 593,055	13,799	13,339
59	71	79 070	43 959,014	580 258,173	13,200	12,740
60	72	77 289	42 543,775	536 299,159	12,606	12,146
61	73	75 396	41 090,581	493 755,384	12,016	11,556
62	74	73 355	39 582,844	452 664,803	11,436	10,976
63	75	71 186	38 032,006	413 081,959	10,861	10,401
64	76	68 911	36 451,986	375 049,953	10,289	9,829
65	77	66 464	34 809,444	338 597,967	9,727	9,267
66	78	63 882	33 125,817	303 788,523	9,171	8,711
67	79	61 097	31 367,911	270 662,706	8,629	8,169
68	80	58 112	29 540,332	239 294,795	8,101	7,641
69	81	54 920	27 640,909	209 754,463	7,589	7,129
70	82	51 467	25 646,580	182 113,554	7,101	6,641
71	83	47 834	23 600,430	156 466,973	6,630	6,170
72	84	44 010	21 498,507	132 866,544	6,180	5,720
73	85	40 065	19 377,587	111 368,037	5,747	5,287
74	86	35 951	17 215,689	91 990,449	5,343	4,883
75	87	31 796	15 075,572	74 774,760	4,960	4,500
76	88	27 656	12 982,800	59 699,188	4,598	4,138
77	89	23 587	10 963,016	46 716,388	4,261	3,801
78	90	19 697	9 064,103	35 753,373	3,945	3,485
79	91	16 028	7 302,976	26 689,269	3,655	3,195
80	92	12 668	5 714,818	19 386,294	3,392	2,932
81	93	9 712	4 337,913	13 671,476	3,152	2,692
82	94	7 187	3 178,185	9 333,563	2,937	2,477
83	95	5 131	2 246,449	6 155,377	2,740	2,280
84	96	3 521	1 526,587	3 908,929	2,561	2,101
85	97	2 284	980,389	2 382,342	2,430	1,970
86	98	1 434	609,202	1 401,953	2,301	1,841
87	99	869	365,540	792,751	2,169	1,709
88	100	500	208,265	427,211	2,051	1,591

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 586	99 585,848	4 860 215,935	48,804	48,344
1	14	99 222	98 239,355	4 760 630,087	48,460	48,000
2	15	99 185	97 230,836	4 662 390,732	47,952	47,492
3	16	99 158	96 241,415	4 565 159,896	47,434	46,974
4	17	99 132	95 264,120	4 468 918,481	46,911	46,451
5	18	99 108	94 298,021	4 373 654,361	46,381	45,921
6	19	99 079	93 336,605	4 279 356,341	45,849	45,389
7	20	99 052	92 387,928	4 186 019,735	45,309	44,849
8	21	99 026	91 448,407	4 093 631,807	44,764	44,304
9	22	99 001	90 520,305	4 002 183,401	44,213	43,753
10	23	98 977	89 602,303	3 911 663,096	43,656	43,196
11	24	98 951	88 692,158	3 822 060,793	43,094	42,634
12	25	98 926	87 791,421	3 733 368,635	42,525	42,065
13	26	98 900	86 899,682	3 645 577,213	41,952	41,492
14	27	98 872	86 014,849	3 558 677,531	41,373	40,913
15	28	98 837	85 133,340	3 472 662,683	40,791	40,331
16	29	98 798	84 257,101	3 387 529,343	40,205	39,745
17	30	98 748	83 380,645	3 303 272,242	39,617	39,157
18	31	98 690	82 506,239	3 219 891,597	39,026	38,566
19	32	98 621	81 632,403	3 137 385,358	38,433	37,973
20	33	98 548	80 764,339	3 055 752,955	37,835	37,375
21	34	98 470	79 901,359	2 974 988,616	37,233	36,773
22	35	98 390	79 046,091	2 895 087,257	36,625	36,165
23	36	98 305	78 195,711	2 816 041,166	36,013	35,553
24	37	98 219	77 354,306	2 737 845,455	35,394	34,934
25	38	98 126	76 515,716	2 660 491,149	34,771	34,311
26	39	98 024	75 679,278	2 583 975,433	34,144	33,684
27	40	97 920	74 850,572	2 508 296,155	33,511	33,051
28	41	97 808	74 024,458	2 433 445,583	32,874	32,414
29	42	97 688	73 201,779	2 359 421,124	32,232	31,772
30	43	97 560	72 381,702	2 286 219,346	31,586	31,126
31	44	97 416	71 559,779	2 213 837,644	30,937	30,477
32	45	97 262	70 738,907	2 142 277,865	30,284	29,824
33	46	97 088	69 913,467	2 071 538,959	29,630	29,170
34	47	96 899	69 086,390	2 001 625,492	28,973	28,513
35	48	96 692	68 256,069	1 932 539,101	28,313	27,853
36	49	96 460	67 418,410	1 864 283,033	27,652	27,192
37	50	96 209	66 576,945	1 796 864,623	26,989	26,529
38	51	95 936	65 731,140	1 730 287,678	26,324	25,864
39	52	95 629	64 871,553	1 664 556,538	25,659	25,199
40	53	95 299	64 008,034	1 599 684,984	24,992	24,532
41	54	94 937	63 133,326	1 535 676,950	24,324	23,864
42	55	94 536	62 244,544	1 472 543,624	23,657	23,197
43	56	94 094	61 339,747	1 410 299,079	22,992	22,532
44	57	93 613	60 422,008	1 348 959,332	22,326	21,866
45	58	93 078	59 481,873	1 288 537,325	21,663	21,203
46	59	92 492	58 521,942	1 229 055,452	21,002	20,542
47	60	91 856	57 544,147	1 170 533,510	20,341	19,882
48	61	91 155	56 539,609	1 112 989,364	19,685	19,225
49	62	90 396	55 513,707	1 056 449,754	19,030	18,570
50	63	89 574	54 464,582	1 000 936,047	18,378	17,918
51	64	88 674	53 383,343	946 471,465	17,730	17,270
52	65	87 685	52 265,623	893 088,122	17,087	16,628
53	66	86 626	51 123,119	840 822,499	16,447	15,987
54	67	85 464	49 937,754	789 699,380	15,814	15,354
55	68	84 204	48 714,127	739 761,626	15,186	14,726
56	69	82 830	47 444,841	691 047,499	14,565	14,105
57	70	81 333	46 126,445	643 602,658	13,953	13,493
58	71	79 720	44 763,717	597 476,213	13,347	12,887
59	72	77 986	43 356,698	552 712,496	12,748	12,288
60	73	76 144	41 913,549	509 355,798	12,153	11,693
61	74	74 158	40 416,031	467 442,249	11,566	11,106
62	75	72 047	38 876,560	427 026,217	10,984	10,524
63	76	69 817	37 300,598	388 149,657	10,406	9,946
64	77	67 425	35 665,864	350 849,059	9,837	9,377
65	78	64 882	33 981,102	315 183,195	9,275	8,815
66	79	62 128	32 216,579	281 202,093	8,728	8,269
67	80	59 177	30 382,505	248 985,514	8,195	7,735
68	81	55 994	28 463,247	218 603,009	7,680	7,220
69	82	52 576	26 461,365	190 139,762	7,186	6,726
70	83	48 925	24 380,179	163 678,397	6,714	6,254
71	84	45 121	22 262,015	139 298,217	6,257	5,797
72	85	41 142	20 097,597	117 036,203	5,823	5,363
73	86	37 015	17 902,475	96 938,606	5,415	4,955
74	87	32 816	15 714,826	79 036,131	5,029	4,569
75	88	28 618	13 568,836	63 321,305	4,667	4,207
76	89	24 498	11 500,139	49 752,469	4,326	3,866
77	90	20 532	9 543,108	38 252,331	4,008	3,548
78	91	16 792	7 727,365	28 709,222	3,715	3,255
79	92	13 341	6 078,745	20 981,858	3,452	2,992
80	93	10 293	4 643,279	14 903,112	3,210	2,750
81	94	7 683	3 431,401	10 259,833	2,990	2,530
82	95	5 533	2 446,678	6 828,432	2,791	2,331
83	96	3 834	1 678,598	4 381,755	2,610	2,150
84	97	2 516	1 090,513	2 703,157	2,479	2,019
85	98	1 601	687,234	1 612,644	2,347	1,887
86	99	985	418,450	925,409	2,212	1,752
87	100	576	242,365	506,959	2,092	1,632

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	14	99 576	99 576,466	4 823 411,592	48,439	47,979
1	15	99 213	98 230,297	4 723 835,126	48,089	47,629
2	16	99 173	97 219,006	4 625 604,830	47,579	47,119
3	17	99 143	96 227,244	4 528 385,824	47,059	46,599
4	18	99 119	95 251,148	4 432 158,580	46,531	46,071
5	19	99 089	94 279,442	4 336 907,432	46,001	45,541
6	20	99 061	93 320,291	4 242 627,989	45,463	45,003
7	21	99 034	92 370,847	4 149 307,699	44,920	44,460
8	22	99 009	91 433,327	4 056 936,851	44,370	43,910
9	23	98 985	90 505,567	3 965 503,524	43,815	43,355
10	24	98 959	89 586,178	3 874 997,956	43,254	42,794
11	25	98 933	88 676,199	3 785 411,779	42,688	42,228
12	26	98 907	87 774,721	3 696 735,580	42,116	41,656
13	27	98 881	86 883,328	3 608 960,859	41,538	41,078
14	28	98 851	85 996,340	3 522 077,531	40,956	40,496
15	29	98 814	85 113,279	3 436 081,191	40,371	39,911
16	30	98 773	84 235,298	3 350 967,912	39,781	39,321
17	31	98 717	83 354,203	3 266 732,615	39,191	38,731
18	32	98 659	82 480,332	3 183 378,412	38,596	38,136
19	33	98 587	81 604,434	3 100 898,080	37,999	37,539
20	34	98 512	80 735,237	3 019 293,646	37,397	36,937
21	35	98 430	79 868,919	2 938 558,409	36,792	36,332
22	36	98 349	79 013,514	2 858 689,490	36,180	35,720
23	37	98 260	78 159,858	2 779 675,977	35,564	35,104
24	38	98 173	77 317,588	2 701 516,118	34,941	34,481
25	39	98 067	76 469,558	2 624 198,530	34,317	33,857
26	40	97 965	75 633,784	2 547 728,972	33,685	33,225
27	41	97 853	74 799,248	2 472 095,188	33,050	32,590
28	42	97 735	73 969,661	2 397 295,940	32,409	31,949
29	43	97 611	73 143,674	2 323 326,279	31,764	31,304
30	44	97 471	72 315,974	2 250 182,605	31,116	30,656
31	45	97 322	71 490,325	2 177 866,631	30,464	30,004
32	46	97 150	70 657,399	2 106 376,306	29,811	29,351
33	47	96 970	69 828,346	2 035 718,908	29,153	28,693
34	48	96 766	68 991,721	1 965 890,561	28,495	28,035
35	49	96 538	68 147,265	1 896 898,840	27,835	27,375
36	50	96 292	67 300,557	1 828 751,575	27,173	26,713
37	51	96 030	66 453,565	1 761 451,018	26,506	26,047
38	52	95 731	65 590,298	1 694 997,453	25,842	25,382
39	53	95 406	64 720,210	1 629 407,154	25,176	24,716
40	54	95 055	63 843,682	1 564 686,944	24,508	24,048
41	55	94 663	62 950,954	1 500 843,262	23,841	23,381
42	56	94 230	62 042,533	1 437 892,309	23,176	22,716
43	57	93 757	61 120,337	1 375 849,776	22,511	22,051
44	58	93 246	60 184,904	1 314 729,438	21,845	21,385
45	59	92 673	59 223,162	1 254 544,535	21,183	20,723
46	60	92 056	58 246,516	1 195 321,373	20,522	20,062
47	61	91 371	57 240,546	1 137 074,857	19,865	19,405
48	62	90 636	56 218,132	1 079 834,311	19,208	18,748
49	63	89 841	55 173,161	1 023 616,179	18,553	18,093
50	64	88 970	54 097,006	968 443,017	17,902	17,442
51	65	88 011	52 984,427	914 346,011	17,257	16,797
52	66	86 987	51 849,043	861 361,584	16,613	16,153
53	67	85 867	50 675,173	809 512,541	15,975	15,515
54	68	84 654	49 464,233	758 837,369	15,341	14,881
55	69	83 322	48 204,301	709 373,135	14,716	14,256
56	70	81 873	46 896,635	661 168,834	14,098	13,638
57	71	80 309	45 545,308	614 272,199	13,487	13,027
58	72	78 627	44 150,375	568 726,892	12,882	12,422
59	73	76 831	42 714,429	524 576,517	12,281	11,821
60	74	74 894	41 225,490	481 862,088	11,688	11,228
61	75	72 835	39 694,881	440 636,598	11,101	10,641
62	76	70 661	38 128,911	400 941,717	10,515	10,055
63	77	68 312	36 496,176	362 812,807	9,941	9,481
64	78	65 820	34 817,142	326 316,631	9,372	8,912
65	79	63 101	33 048,388	291 499,489	8,820	8,360
66	80	60 177	31 204,512	258 451,101	8,282	7,823
67	81	57 020	29 274,713	227 246,588	7,763	7,303
68	82	53 604	27 248,610	197 971,875	7,265	6,805
69	83	49 980	25 154,731	170 723,265	6,787	6,327
70	84	46 151	22 997,544	145 568,534	6,330	5,870
71	85	42 181	20 811,352	122 570,990	5,890	5,430
72	86	38 010	18 567,674	101 759,638	5,480	5,020
73	87	33 788	16 341,737	83 191,964	5,091	4,631
74	88	29 537	14 144,200	66 850,227	4,726	4,266
75	89	25 350	12 019,248	52 706,027	4,385	3,925
76	90	21 325	10 010,664	40 686,780	4,064	3,604
77	91	17 504	8 135,728	30 676,115	3,771	3,311
78	92	13 977	6 431,992	22 540,387	3,504	3,044
79	93	10 840	4 938,970	16 108,395	3,261	2,802
80	94	8 142	3 672,953	11 169,426	3,041	2,581
81	95	5 914	2 641,612	7 496,473	2,838	2,378
82	96	4 134	1 828,214	4 854,861	2,656	2,196
83	97	2 739	1 199,102	3 026,647	2,524	2,064
84	98	1 763	764,429	1 827,545	2,391	1,931
85	99	1 100	472,049	1 063,116	2,252	1,792
86	100	653	277,447	591,067	2,130	1,670

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 567	99 567,285	4 785 336,239	48,061	47,601
1	16	99 201	98 218,345	4 685 768,955	47,708	47,248
2	17	99 159	97 204,691	4 587 550,610	47,195	46,735
3	18	99 130	96 214,141	4 490 345,919	46,670	46,210
4	19	99 099	95 232,382	4 394 131,777	46,141	45,681
5	20	99 071	94 262,963	4 298 899,395	45,605	45,145
6	21	99 043	93 303,038	4 204 636,432	45,064	44,604
7	22	99 018	92 355,616	4 111 333,394	44,516	44,056
8	23	98 993	91 418,441	4 018 977,779	43,962	43,502
9	24	98 967	90 489,280	3 927 559,338	43,404	42,944
10	25	98 941	89 570,058	3 837 070,058	42,839	42,379
11	26	98 914	88 659,330	3 747 500,000	42,269	41,809
12	27	98 888	87 758,202	3 658 840,670	41,692	41,232
13	28	98 860	86 864,632	3 571 082,467	41,111	40,651
14	29	98 827	85 976,075	3 484 217,835	40,525	40,065
15	30	98 788	85 091,254	3 398 241,760	39,936	39,476
16	31	98 741	84 208,584	3 313 150,506	39,345	38,885
17	32	98 686	83 328,030	3 228 941,922	38,750	38,290
18	33	98 625	82 452,072	3 145 613,892	38,151	37,691
19	34	98 552	81 575,029	3 063 161,820	37,550	37,090
20	35	98 472	80 702,459	2 981 586,791	36,945	36,485
21	36	98 389	79 836,003	2 900 884,333	36,336	35,876
22	37	98 304	78 977,286	2 821 048,330	35,720	35,260
23	38	98 213	78 122,759	2 742 071,044	35,100	34,640
24	39	98 114	77 270,947	2 663 948,285	34,475	34,015
25	40	98 008	76 423,589	2 586 677,338	33,847	33,387
26	41	97 898	75 581,922	2 510 253,750	33,212	32,752
27	42	97 781	74 743,877	2 434 671,828	32,574	32,114
28	43	97 658	73 910,947	2 359 927,951	31,929	31,469
29	44	97 522	73 077,255	2 286 017,004	31,282	30,822
30	45	97 376	72 245,786	2 212 939,749	30,631	30,171
31	46	97 210	71 407,951	2 140 693,963	29,978	29,518
32	47	97 031	70 571,372	2 069 286,012	29,322	28,862
33	48	96 837	69 732,660	1 998 714,640	28,663	28,203
34	49	96 612	68 881,745	1 928 981,980	28,004	27,544
35	50	96 369	68 028,139	1 860 100,235	27,343	26,883
36	51	96 113	67 175,836	1 792 072,096	26,677	26,217
37	52	95 825	66 311,175	1 724 896,260	26,012	25,552
38	53	95 507	65 437,278	1 658 585,085	25,346	24,886
39	54	95 161	64 554,030	1 593 147,806	24,679	24,219
40	55	94 780	63 659,257	1 528 593,777	24,012	23,552
41	56	94 355	62 746,649	1 464 934,520	23,347	22,887
42	57	93 893	61 820,609	1 402 187,870	22,682	22,222
43	58	93 389	60 880,493	1 340 367,261	22,016	21,556
44	59	92 840	59 923,135	1 279 486,768	21,352	20,892
45	60	92 237	58 944,436	1 219 563,633	20,690	20,230
46	61	91 571	57 939,210	1 160 619,197	20,032	19,572
47	62	90 851	56 915,083	1 102 679,987	19,374	18,914
48	63	90 080	55 873,265	1 045 764,903	18,717	18,257
49	64	89 235	54 800,804	989 891,638	18,063	17,603
50	65	88 305	53 692,757	935 090,835	17,416	16,956
51	66	87 310	52 562,118	881 398,078	16,769	16,309
52	67	86 224	51 394,736	828 835,960	16,127	15,667
53	68	85 053	50 194,660	777 441,225	15,489	15,029
54	69	83 768	48 946,557	727 246,565	14,858	14,398
55	70	82 360	47 647,320	678 300,008	14,236	13,776
56	71	80 841	46 305,794	630 652,689	13,619	13,159
57	72	79 208	44 921,256	584 346,895	13,008	12,548
58	73	77 463	43 496,349	539 425,639	12,402	11,942
59	74	75 570	42 013,222	495 929,290	11,804	11,344
60	75	73 558	40 489,896	453 916,067	11,211	10,751
61	76	71 434	38 931,494	413 426,171	10,619	10,159
62	77	69 137	37 306,625	374 494,677	10,038	9,578
63	78	66 686	35 627,695	337 188,052	9,464	9,004
64	79	64 014	33 861,481	301 560,357	8,906	8,446
65	80	61 119	32 010,190	267 698,877	8,363	7,903
66	81	57 983	30 066,749	235 688,687	7,839	7,379
67	82	54 586	28 025,448	205 621,937	7,337	6,877
68	83	50 957	25 903,102	177 596,489	6,856	6,396
69	84	47 145	23 728,169	151 693,387	6,393	5,933
70	85	43 143	21 498,952	127 965,218	5,952	5,492
71	86	38 970	19 227,095	106 466,266	5,537	5,077
72	87	34 696	16 948,944	87 239,171	5,147	4,687
73	88	30 411	14 708,454	70 290,227	4,779	4,319
74	89	26 163	12 528,904	55 581,772	4,436	3,976
75	90	22 067	10 462,540	43 052,869	4,115	3,655
76	91	18 180	8 534,331	32 590,329	3,819	3,359
77	92	14 570	6 771,899	24 055,998	3,552	3,092
78	93	11 356	5 225,982	17 284,099	3,307	2,847
79	94	8 575	3 906,852	12 058,117	3,086	2,626
80	95	6 268	2 827,567	8 151,265	2,883	2,423
81	96	4 419	1 973,873	5 323,698	2,697	2,237
82	97	2 953	1 305,979	3 349,825	2,565	2,105
83	98	1 920	840,548	2 043,846	2,432	1,972
84	99	1 211	525,073	1 203,298	2,292	1,832
85	100	729	312,985	678,225	2,167	1,707

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 555	99 555,170	4 746 018,864	47,672	47,212
1	17	99 186	98 203,883	4 646 463,694	47,314	46,854
2	18	99 145	97 191,455	4 548 259,811	46,797	46,337
3	19	99 110	96 195,186	4 451 068,356	46,271	45,811
4	20	99 082	95 215,737	4 354 873,170	45,737	45,277
5	21	99 053	94 245,536	4 259 657,434	45,197	44,737
6	22	99 027	93 287,652	4 165 411,898	44,651	44,191
7	23	99 002	92 340,579	4 072 124,245	44,099	43,639
8	24	98 975	91 401,989	3 979 783,666	43,542	43,082
9	25	98 949	90 472,997	3 888 381,677	42,978	42,518
10	26	98 922	89 553,019	3 797 908,680	42,410	41,950
11	27	98 896	88 642,645	3 708 355,660	41,835	41,375
12	28	98 867	87 739,318	3 619 713,015	41,255	40,795
13	29	98 837	86 844,163	3 531 973,697	40,670	40,210
14	30	98 802	85 953,827	3 445 129,534	40,081	39,621
15	31	98 757	85 064,269	3 359 175,707	39,490	39,030
16	32	98 710	84 182,143	3 274 111,438	38,893	38,433
17	33	98 652	83 299,479	3 189 929,295	38,295	37,835
18	34	98 589	82 422,362	3 106 629,816	37,692	37,232
19	35	98 512	81 541,910	3 024 207,454	37,088	36,628
20	36	98 432	80 669,199	2 942 665,544	36,478	36,018
21	37	98 344	79 799,398	2 861 996,346	35,865	35,405
22	38	98 258	78 939,798	2 782 196,947	35,245	34,785
23	39	98 154	78 075,631	2 703 257,149	34,624	34,164
24	40	98 055	77 224,495	2 625 181,518	33,994	33,534
25	41	97 941	76 371,185	2 547 957,022	33,363	32,903
26	42	97 825	75 525,972	2 471 585,837	32,725	32,265
27	43	97 703	74 684,548	2 396 059,865	32,082	31,622
28	44	97 569	73 843,831	2 321 375,317	31,436	30,976
29	45	97 427	73 006,328	2 247 531,486	30,785	30,325
30	46	97 264	72 162,542	2 174 525,159	30,134	29,674
31	47	97 091	71 321,011	2 102 362,617	29,477	29,017
32	48	96 898	70 474,668	2 031 041,606	28,819	28,359
33	49	96 683	69 621,503	1 960 566,938	28,160	27,700
34	50	96 443	68 761,335	1 890 945,435	27,500	27,040
35	51	96 190	67 902,069	1 822 184,100	26,835	26,375
36	52	95 907	67 031,899	1 754 282,031	26,171	25,711
37	53	95 601	66 156,473	1 687 250,132	25,504	25,044
38	54	95 262	65 269,257	1 621 093,659	24,837	24,377
39	55	94 886	64 367,553	1 555 824,402	24,171	23,711
40	56	94 472	63 452,654	1 491 456,849	23,505	23,045
41	57	94 018	62 522,207	1 428 004,195	22,840	22,380
42	58	93 524	61 578,017	1 365 481,988	22,175	21,715
43	59	92 983	60 615,699	1 303 903,971	21,511	21,051
44	60	92 403	59 641,115	1 243 288,272	20,846	20,386
45	61	91 750	58 633,448	1 183 647,157	20,187	19,727
46	62	91 050	57 609,775	1 125 013,710	19,528	19,068
47	63	90 294	56 565,941	1 067 403,935	18,870	18,410
48	64	89 472	55 496,182	1 010 837,994	18,215	17,755
49	65	88 568	54 391,295	955 341,812	17,564	17,104
50	66	87 601	53 264,802	900 950,517	16,915	16,455
51	67	86 545	52 101,562	847 685,714	16,270	15,810
52	68	85 407	50 907,400	795 584,152	15,628	15,168
53	69	84 163	49 669,339	744 676,753	14,993	14,533
54	70	82 800	48 380,999	695 007,414	14,365	13,905
55	71	81 322	47 047,021	646 626,415	13,744	13,284
56	72	79 733	45 671,322	599 579,394	13,128	12,668
57	73	78 035	44 255,811	553 908,072	12,516	12,056
58	74	76 191	42 782,306	509 652,261	11,913	11,453
59	75	74 221	41 263,573	466 869,955	11,314	10,854
60	76	72 143	39 711,220	425 606,382	10,718	10,258
61	77	69 893	38 091,900	385 895,162	10,131	9,671
62	78	67 492	36 418,858	347 803,262	9,550	9,090
63	79	64 856	34 649,785	311 384,404	8,987	8,527
64	80	62 003	32 797,740	276 734,619	8,438	7,978
65	81	58 891	30 843,051	243 936,879	7,909	7,449
66	82	55 508	28 783,685	213 093,828	7,403	6,943
67	83	51 891	26 641,581	184 310,143	6,918	6,458
68	84	48 067	24 434,100	157 668,562	6,453	5,993
69	85	44 073	22 181,967	133 234,462	6,006	5,546
70	86	39 859	19 862,351	111 052,495	5,591	5,131
71	87	35 573	17 550,877	91 190,144	5,196	4,736
72	88	31 228	15 254,974	73 639,267	4,827	4,367
73	89	26 938	13 028,719	58 384,293	4,481	4,021
74	90	22 775	10 906,186	45 355,574	4,159	3,699
75	91	18 813	8 919,565	34 449,388	3,862	3,402
76	92	15 132	7 103,682	25 529,822	3,594	3,134
77	93	11 838	5 502,156	18 426,140	3,349	2,889
78	94	8 983	4 133,886	12 923,984	3,126	2,666
79	95	6 601	3 007,630	8 790,098	2,923	2,463
80	96	4 684	2 112,823	5 782,467	2,737	2,277
81	97	3 157	1 410,030	3 669,644	2,603	2,143
82	98	2 070	915,467	2 259,614	2,468	2,008
83	99	1 319	577,357	1 344,147	2,328	1,868
84	100	803	348,141	766,789	2,203	1,743

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 541	99 540,511	4 705 491,306	47,272	46,812
1	18	99 172	98 190,511	4 605 950,795	46,908	46,448
2	19	99 125	97 172,307	4 507 760,284	46,389	45,929
3	20	99 093	96 178,372	4 410 587,977	45,858	45,398
4	21	99 064	95 198,133	4 314 409,605	45,320	44,860
5	22	99 037	94 229,995	4 219 211,472	44,776	44,316
6	23	99 011	93 272,464	4 124 981,477	44,225	43,765
7	24	98 984	92 323,961	4 031 709,013	43,669	43,209
8	25	98 957	91 385,542	3 939 385,051	43,107	42,647
9	26	98 930	90 455,787	3 847 999,509	42,540	42,080
10	27	98 904	89 536,166	3 757 543,722	41,967	41,507
11	28	98 875	88 623,571	3 668 007,556	41,389	40,929
12	29	98 844	87 718,643	3 579 383,985	40,805	40,345
13	30	98 811	86 821,690	3 491 665,342	40,217	39,757
14	31	98 770	85 926,569	3 404 843,652	39,625	39,165
15	32	98 726	85 037,559	3 318 917,083	39,029	38,569
16	33	98 676	84 153,299	3 233 879,524	38,428	37,968
17	34	98 616	83 269,464	3 149 726,224	37,826	37,366
18	35	98 549	82 388,898	3 066 456,761	37,219	36,759
19	36	98 471	81 508,304	2 984 067,862	36,611	36,151
20	37	98 387	80 632,212	2 902 559,558	35,998	35,538
21	38	98 297	79 761,520	2 821 927,346	35,380	34,920
22	39	98 198	78 892,178	2 742 165,826	34,758	34,298
23	40	98 095	78 028,696	2 663 273,648	34,132	33,672
24	41	97 987	77 171,543	2 585 244,952	33,500	33,040
25	42	97 868	76 314,651	2 508 073,409	32,865	32,405
26	43	97 748	75 466,022	2 431 758,758	32,223	31,763
27	44	97 614	74 616,730	2 356 292,736	31,579	31,119
28	45	97 474	73 772,160	2 281 676,006	30,929	30,469
29	46	97 315	72 922,207	2 207 903,847	30,278	29,818
30	47	97 146	72 074,683	2 134 981,639	29,622	29,162
31	48	96 958	71 223,279	2 062 906,956	28,964	28,504
32	49	96 744	70 362,328	1 991 683,677	28,306	27,846
33	50	96 514	69 499,800	1 921 321,349	27,645	27,185
34	51	96 264	68 633,906	1 851 821,549	26,981	26,521
35	52	95 984	67 756,575	1 783 187,643	26,318	25,858
36	53	95 683	66 875,515	1 715 431,068	25,651	25,191
37	54	95 356	65 986,605	1 648 555,552	24,983	24,523
38	55	94 987	65 080,714	1 582 568,947	24,317	23,857
39	56	94 578	64 158,651	1 517 488,233	23,652	23,192
40	57	94 134	63 225,686	1 453 329,582	22,986	22,526
41	58	93 649	62 276,862	1 390 103,895	22,321	21,861
42	59	93 117	61 310,189	1 327 827,034	21,658	21,198
43	60	92 546	60 330,420	1 266 516,845	20,993	20,533
44	61	91 916	59 326,451	1 206 186,425	20,331	19,871
45	62	91 229	58 300,065	1 146 859,974	19,672	19,212
46	63	90 491	57 256,371	1 088 559,909	19,012	18,552
47	64	89 685	56 184,183	1 031 303,538	18,356	17,896
48	65	88 804	55 081,477	975 119,355	17,703	17,243
49	66	87 862	53 957,773	920 037,878	17,051	16,591
50	67	86 833	52 798,090	866 080,105	16,404	15,944
51	68	85 724	51 607,524	813 282,015	15,759	15,299
52	69	84 513	50 374,619	761 674,491	15,120	14,660
53	70	83 191	49 095,429	711 299,872	14,488	14,028
54	71	81 757	47 771,457	662 204,442	13,862	13,402
55	72	80 208	46 402,393	614 432,986	13,241	12,781
56	73	78 552	44 994,766	568 030,593	12,624	12,164
57	74	76 754	43 529,300	523 035,826	12,016	11,556
58	75	74 832	42 018,934	479 506,526	11,412	10,952
59	76	72 794	40 470,018	437 487,592	10,810	10,350
60	77	70 587	38 854,810	397 017,574	10,218	9,758
61	78	68 230	37 185,446	358 162,764	9,632	9,172
62	79	65 639	35 419,233	320 977,318	9,062	8,602
63	80	62 818	33 561,281	285 558,085	8,509	8,049
64	81	59 742	31 601,885	251 996,805	7,974	7,514
65	82	56 378	29 526,859	220 394,919	7,464	7,004
66	83	52 767	27 362,377	190 868,061	6,976	6,516
67	84	48 948	25 130,698	163 505,684	6,506	6,046
68	85	44 935	22 841,897	138 374,986	6,058	5,598
69	86	40 718	20 493,372	115 533,088	5,638	5,178
70	87	36 384	18 130,752	95 039,716	5,242	4,782
71	88	32 017	15 796,746	76 908,964	4,869	4,409
72	89	27 662	13 512,825	61 112,219	4,523	4,063
73	90	23 449	11 341,267	47 599,393	4,197	3,737
74	91	19 416	9 297,784	36 258,127	3,900	3,440
75	92	15 659	7 424,338	26 960,343	3,631	3,171
76	93	12 295	5 771,729	19 536,004	3,385	2,925
77	94	9 364	4 352,347	13 764,275	3,162	2,703
78	95	6 915	3 182,409	9 411,928	2,957	2,498
79	96	4 932	2 247,371	6 229,519	2,772	2,312
80	97	3 346	1 509,289	3 982,148	2,638	2,178
81	98	2 213	988,405	2 472,859	2,502	2,042
82	99	1 422	628,818	1 484,454	2,361	1,901
83	100	874	382,808	855,636	2,235	1,775

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 527	99 526,958	4 663 784,389	46,860	46,400
1	19	99 153	98 171,166	4 564 257,431	46,493	46,033
2	20	99 108	97 155,322	4 466 086,266	45,969	45,509
3	21	99 074	96 160,590	4 368 930,943	45,434	44,974
4	22	99 047	95 182,435	4 272 770,353	44,890	44,430
5	23	99 021	94 214,654	4 177 587,918	44,341	43,881
6	24	98 993	93 255,679	4 083 373,265	43,787	43,327
7	25	98 966	92 307,349	3 990 117,586	43,226	42,766
8	26	98 939	91 368,159	3 897 810,237	42,660	42,201
9	27	98 912	90 438,764	3 806 442,078	42,089	41,629
10	28	98 882	89 516,899	3 716 003,315	41,512	41,052
11	29	98 851	88 602,687	3 626 486,415	40,930	40,470
12	30	98 818	87 695,944	3 537 883,728	40,343	39,883
13	31	98 780	86 794,157	3 450 187,784	39,751	39,291
14	32	98 739	85 899,588	3 363 393,627	39,155	38,695
15	33	98 692	85 008,422	3 277 494,039	38,555	38,095
16	34	98 641	84 122,976	3 192 485,617	37,950	37,490
17	35	98 576	83 235,657	3 108 362,640	37,344	36,884
18	36	98 509	82 354,944	3 025 126,984	36,733	36,273
19	37	98 426	81 470,932	2 942 772,040	36,121	35,661
20	38	98 340	80 593,939	2 861 301,108	35,503	35,043
21	39	98 238	79 713,404	2 780 707,169	34,884	34,424
22	40	98 139	78 844,752	2 700 993,765	34,257	33,797
23	41	98 028	77 975,192	2 622 149,013	33,628	33,168
24	42	97 915	77 114,416	2 544 173,820	32,992	32,532
25	43	97 791	76 254,075	2 467 059,404	32,353	31,893
26	44	97 659	75 397,494	2 390 805,329	31,709	31,249
27	45	97 520	74 544,308	2 315 407,835	31,061	30,601
28	46	97 362	73 687,157	2 240 863,527	30,411	29,951
29	47	97 196	72 833,423	2 167 176,370	29,755	29,295
30	48	97 013	71 975,919	2 094 342,947	29,098	28,638
31	49	96 804	71 109,746	2 022 367,028	28,440	27,980
32	50	96 575	70 239,330	1 951 257,282	27,780	27,320
33	51	96 335	69 371,003	1 881 017,952	27,115	26,655
34	52	96 058	68 486,845	1 811 646,949	26,452	25,993
35	53	95 760	67 598,502	1 743 160,105	25,787	25,327
36	54	95 438	66 703,801	1 675 561,603	25,119	24,659
37	55	95 080	65 795,990	1 608 857,802	24,452	23,992
38	56	94 679	64 869,498	1 543 061,812	23,787	23,327
39	57	94 239	63 929,158	1 478 192,315	23,122	22,662
40	58	93 765	62 977,581	1 414 263,156	22,457	21,997
41	59	93 242	62 005,994	1 351 285,576	21,793	21,333
42	60	92 679	61 021,641	1 289 279,582	21,128	20,668
43	61	92 057	60 012,119	1 228 257,940	20,467	20,007
44	62	91 393	58 989,128	1 168 245,822	19,804	19,344
45	63	90 669	57 942,427	1 109 256,694	19,144	18,684
46	64	89 881	56 869,954	1 051 314,267	18,486	18,026
47	65	89 015	55 764,337	994 444,314	17,833	17,373
48	66	88 096	54 642,454	938 679,977	17,179	16,719
49	67	87 092	53 484,988	884 037,523	16,529	16,069
50	68	86 010	52 297,447	830 552,534	15,881	15,421
51	69	84 827	51 067,416	778 255,087	15,240	14,780
52	70	83 536	49 792,561	727 187,671	14,604	14,144
53	71	82 142	48 476,886	677 395,110	13,974	13,514
54	72	80 636	47 116,903	628 918,224	13,348	12,888
55	73	79 020	45 715,007	581 801,321	12,727	12,267
56	74	77 263	44 256,125	536 086,314	12,113	11,653
57	75	75 384	42 752,599	491 830,189	11,504	11,044
58	76	73 392	41 210,852	449 077,589	10,897	10,437
59	77	71 224	39 597,244	407 866,737	10,300	9,840
60	78	68 908	37 930,202	368 269,493	9,709	9,249
61	79	66 357	36 164,780	330 339,292	9,134	8,674
62	80	63 577	34 306,556	294 174,512	8,575	8,115
63	81	60 528	32 337,586	259 867,956	8,036	7,576
64	82	57 193	30 253,311	227 530,370	7,521	7,061
65	83	53 594	28 068,854	197 277,059	7,028	6,568
66	84	49 775	25 810,617	169 208,205	6,556	6,096
67	85	45 759	23 493,103	143 397,589	6,104	5,644
68	86	41 514	21 103,065	119 904,486	5,682	5,222
69	87	37 168	18 706,760	98 801,420	5,282	4,822
70	88	32 748	16 318,665	80 094,660	4,908	4,448
71	89	28 361	13 992,726	63 775,995	4,558	4,098
72	90	24 079	11 762,672	49 783,269	4,232	3,772
73	91	19 991	9 668,701	38 020,597	3,932	3,472
74	92	16 161	7 739,155	28 351,897	3,663	3,203
75	93	12 723	6 032,262	20 612,742	3,417	2,957
76	94	9 726	4 565,586	14 580,480	3,194	2,734
77	95	7 209	3 350,588	10 014,894	2,989	2,529
78	96	5 167	2 377,969	6 664,306	2,803	2,343
79	97	3 523	1 605,403	4 286,336	2,670	2,210
80	98	2 345	1 057,984	2 680,934	2,534	2,074
81	99	1 520	678,918	1 622,950	2,390	1,931
82	100	943	416,928	944,032	2,264	1,804

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 507	99 507,349	4 620 924,411	46,438	45,978
1	20	99 136	98 154,007	4 521 417,062	46,065	45,605
2	21	99 090	97 137,360	4 423 263,056	45,536	45,076
3	22	99 058	96 144,733	4 326 125,696	44,996	44,536
4	23	99 031	95 166,939	4 229 980,962	44,448	43,988
5	24	99 003	94 197,698	4 134 814,023	43,895	43,435
6	25	98 975	93 238,899	4 040 616,325	43,336	42,876
7	26	98 947	92 289,790	3 947 377,427	42,772	42,312
8	27	98 920	91 350,963	3 855 087,637	42,201	41,741
9	28	98 890	90 419,303	3 763 736,673	41,625	41,165
10	29	98 859	89 495,805	3 673 317,371	41,045	40,585
11	30	98 826	88 579,759	3 583 821,565	40,459	39,999
12	31	98 787	87 668,133	3 495 241,806	39,869	39,409
13	32	98 749	86 766,904	3 407 573,672	39,273	38,813
14	33	98 706	85 870,156	3 320 806,769	38,672	38,212
15	34	98 657	84 977,791	3 234 936,613	38,068	37,608
16	35	98 601	84 088,823	3 149 958,822	37,460	37,000
17	36	98 536	83 201,353	3 065 869,999	36,849	36,389
18	37	98 463	82 317,184	2 982 668,646	36,234	35,774
19	38	98 379	81 432,261	2 900 351,462	35,617	35,157
20	39	98 281	80 545,321	2 818 919,201	34,998	34,538
21	40	98 179	79 665,485	2 738 373,881	34,373	33,913
22	41	98 072	78 790,689	2 658 708,396	33,744	33,284
23	42	97 955	77 917,470	2 579 917,707	33,111	32,651
24	43	97 837	77 053,206	2 502 000,237	32,471	32,011
25	44	97 702	76 184,832	2 424 947,031	31,830	31,370
26	45	97 564	75 324,315	2 348 762,200	31,182	30,722
27	46	97 407	74 458,416	2 273 437,885	30,533	30,073
28	47	97 244	73 597,442	2 198 979,469	29,878	29,418
29	48	97 063	72 733,620	2 125 382,027	29,221	28,761
30	49	96 858	71 861,186	2 052 648,408	28,564	28,104
31	50	96 634	70 985,441	1 980 787,222	27,904	27,444
32	51	96 396	70 109,162	1 909 801,781	27,240	26,780
33	52	96 128	69 222,362	1 839 692,619	26,577	26,117
34	53	95 834	68 327,067	1 770 470,257	25,912	25,452
35	54	95 514	67 424,931	1 702 143,190	25,245	24,785
36	55	95 162	66 511,114	1 634 718,259	24,578	24,118
37	56	94 772	65 582,452	1 568 207,145	23,912	23,452
38	57	94 340	64 637,462	1 502 624,693	23,247	22,787
39	58	93 870	63 678,292	1 437 987,231	22,582	22,122
40	59	93 357	62 703,665	1 374 308,939	21,918	21,458
41	60	92 803	61 714,172	1 311 605,274	21,253	20,793
42	61	92 190	60 699,693	1 249 891,102	20,591	20,131
43	62	91 534	59 670,897	1 189 191,409	19,929	19,469
44	63	90 832	58 627,262	1 129 520,512	19,266	18,806
45	64	90 057	57 551,379	1 070 893,249	18,608	18,148
46	65	89 209	56 444,983	1 013 341,870	17,953	17,493
47	66	88 305	55 319,871	956 896,887	17,298	16,838
48	67	87 324	54 163,670	901 577,016	16,645	16,185
49	68	86 266	52 977,832	847 413,346	15,996	15,536
50	69	85 110	51 750,119	794 435,514	15,351	14,891
51	70	83 847	50 477,353	742 685,395	14,713	14,253
52	71	82 484	49 165,235	692 208,042	14,079	13,619
53	72	81 017	47 812,667	643 042,807	13,449	12,989
54	73	79 442	46 418,933	595 230,140	12,823	12,363
55	74	77 722	44 964,542	548 811,208	12,205	11,745
56	75	75 884	43 466,455	503 846,665	11,592	11,132
57	76	73 935	41 930,408	460 380,210	10,980	10,520
58	77	71 810	40 322,101	418 449,802	10,378	9,918
59	78	69 529	38 654,969	378 127,701	9,782	9,322
60	79	67 016	36 889,093	339 472,732	9,203	8,743
61	80	64 273	35 028,682	302 583,639	8,638	8,178
62	81	61 259	33 055,688	267 554,957	8,094	7,634
63	82	57 945	30 957,616	234 499,269	7,575	7,115
64	83	54 369	28 759,434	203 541,653	7,077	6,617
65	84	50 554	26 477,028	174 782,219	6,601	6,141
66	85	46 531	24 128,716	148 305,191	6,146	5,686
67	86	42 275	21 704,699	124 176,475	5,721	5,261
68	87	37 895	19 263,300	102 471,777	5,320	4,860
69	88	33 454	16 837,104	83 208,476	4,942	4,482
70	89	29 008	14 455,041	66 371,372	4,592	4,132
71	90	24 688	12 180,417	51 916,332	4,262	3,802
72	91	20 528	10 027,959	39 735,915	3,963	3,503
73	92	16 640	8 047,893	29 707,956	3,691	3,231
74	93	13 131	6 288,049	21 660,063	3,445	2,985
75	94	10 064	4 771,674	15 372,013	3,222	2,762
76	95	7 487	3 514,747	10 600,339	3,016	2,556
77	96	5 387	2 503,636	7 085,592	2,830	2,370
78	97	3 691	1 698,696	4 581,956	2,697	2,237
79	98	2 470	1 125,358	2 883,260	2,562	2,102
80	99	1 611	726,710	1 757,903	2,419	1,959
81	100	1 008	450,146	1 031,193	2,291	1,831

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 490	99 489,956	4 576 944,027	46,004	45,544
1	21	99 117	98 135,860	4 477 454,070	45,625	45,165
2	22	99 073	97 121,342	4 379 318,211	45,091	44,631
3	23	99 042	96 129,080	4 282 196,868	44,546	44,086
4	24	99 013	95 149,812	4 186 067,788	43,994	43,535
5	25	98 985	94 180,749	4 090 917,976	43,437	42,977
6	26	98 956	93 221,162	3 996 737,227	42,874	42,414
7	27	98 929	92 272,421	3 903 516,065	42,304	41,844
8	28	98 899	91 331,306	3 811 243,644	41,730	41,270
9	29	98 867	90 397,996	3 719 912,338	41,150	40,690
10	30	98 833	89 472,646	3 629 514,341	40,566	40,106
11	31	98 794	88 551,668	3 540 041,695	39,977	39,517
12	32	98 756	87 640,606	3 451 490,027	39,382	38,922
13	33	98 715	86 737,174	3 363 849,421	38,782	38,322
14	34	98 670	85 839,214	3 277 112,246	38,177	37,717
15	35	98 617	84 943,291	3 191 273,032	37,569	37,109
16	36	98 560	84 054,167	3 106 329,741	36,956	36,496
17	37	98 491	83 163,205	3 022 275,574	36,341	35,882
18	38	98 417	82 278,111	2 939 112,369	35,722	35,262
19	39	98 320	81 383,137	2 856 834,258	35,104	34,644
20	40	98 222	80 496,901	2 775 451,121	34,479	34,019
21	41	98 112	79 610,858	2 694 954,220	33,852	33,392
22	42	97 999	78 732,363	2 615 343,362	33,218	32,758
23	43	97 877	77 855,623	2 536 610,999	32,581	32,121
24	44	97 748	76 983,236	2 458 755,376	31,939	31,479
25	45	97 607	76 110,888	2 381 772,140	31,293	30,833
26	46	97 452	75 237,524	2 305 661,252	30,645	30,185
27	47	97 289	74 367,761	2 230 423,728	29,992	29,532
28	48	97 110	73 496,591	2 156 055,967	29,335	28,875
29	49	96 909	72 617,679	2 082 559,375	28,678	28,218
30	50	96 689	71 735,567	2 009 941,697	28,019	27,559
31	51	96 455	70 853,891	1 938 206,130	27,355	26,895
32	52	96 189	69 958,939	1 867 352,239	26,692	26,232
33	53	95 904	69 060,868	1 797 393,299	26,026	25,566
34	54	95 588	68 151,625	1 728 332,431	25,360	24,900
35	55	95 238	67 230,161	1 660 180,806	24,694	24,234
36	56	94 853	66 295,255	1 592 950,645	24,028	23,568
37	57	94 433	65 347,866	1 526 655,390	23,362	22,902
38	58	93 970	64 383,816	1 461 307,523	22,697	22,237
39	59	93 461	63 401,329	1 396 923,707	22,033	21,573
40	60	92 918	62 408,559	1 333 522,378	21,368	20,908
41	61	92 313	61 388,570	1 271 113,819	20,706	20,246
42	62	91 666	60 354,562	1 209 725,249	20,044	19,584
43	63	90 972	59 304,849	1 149 370,686	19,381	18,921
44	64	90 219	58 231,593	1 090 065,837	18,719	18,260
45	65	89 384	57 121,317	1 031 834,244	18,064	17,604
46	66	88 498	55 995,092	974 712,927	17,407	16,947
47	67	87 531	54 835,152	918 717,836	16,754	16,294
48	68	86 496	53 650,079	863 882,684	16,102	15,642
49	69	85 364	52 423,384	810 232,605	15,456	14,996
50	70	84 126	51 152,167	757 809,221	14,815	14,355
51	71	82 790	49 841,399	706 657,054	14,178	13,718
52	72	81 354	48 491,584	656 815,655	13,545	13,085
53	73	79 817	47 104,390	608 324,071	12,914	12,454
54	74	78 138	45 656,912	561 219,682	12,292	11,832
55	75	76 336	44 162,232	515 562,770	11,674	11,214
56	76	74 425	42 630,535	471 400,538	11,058	10,598
57	77	72 340	41 026,140	428 770,003	10,451	9,991
58	78	70 101	39 362,577	387 743,863	9,851	9,391
59	79	67 621	37 593,966	348 381,286	9,267	8,807
60	80	64 911	35 730,242	310 787,320	8,698	8,238
61	81	61 929	33 751,484	275 057,078	8,149	7,690
62	82	58 645	31 645,074	241 305,594	7,625	7,165
63	83	55 083	29 428,962	209 660,520	7,124	6,664
64	84	51 285	27 128,445	180 231,558	6,644	6,184
65	85	47 260	24 751,702	153 103,114	6,186	5,726
66	86	42 989	22 291,925	128 351,412	5,758	5,298
67	87	38 590	19 812,483	106 059,487	5,353	4,893
68	88	34 108	17 338,020	86 247,004	4,974	4,514
69	89	29 633	14 914,273	68 908,983	4,620	4,160
70	90	25 251	12 582,854	53 994,710	4,291	3,831
71	91	21 047	10 384,097	41 411,857	3,988	3,528
72	92	17 087	8 346,927	31 027,760	3,717	3,257
73	93	13 520	6 538,899	22 680,833	3,469	3,009
74	94	10 387	4 974,009	16 141,934	3,245	2,785
75	95	7 748	3 673,401	11 167,925	3,040	2,580
76	96	5 595	2 626,300	7 494,525	2,854	2,394
77	97	3 848	1 788,465	4 868,225	2,722	2,262
78	98	2 588	1 190,754	3 079,759	2,586	2,126
79	99	1 697	772,988	1 889,005	2,444	1,984
80	100	1 068	481,833	1 116,018	2,316	1,856

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 472	99 471,563	4 531 866,635	45,559	45,099
1	22	99 101	98 119,678	4 432 395,072	45,173	44,713
2	23	99 057	97 105,530	4 334 275,395	44,635	44,175
3	24	99 024	96 111,781	4 237 169,864	44,086	43,626
4	25	98 995	95 132,691	4 141 058,084	43,529	43,069
5	26	98 966	94 162,833	4 045 925,393	42,967	42,507
6	27	98 938	93 203,618	3 951 762,560	42,399	41,939
7	28	98 907	92 252,566	3 858 558,941	41,826	41,366
8	29	98 875	91 309,785	3 766 306,376	41,248	40,788
9	30	98 841	90 374,604	3 674 996,591	40,664	40,204
10	31	98 802	89 444,272	3 584 621,987	40,077	39,617
11	32	98 763	88 523,863	3 495 177,715	39,483	39,023
12	33	98 722	87 610,577	3 406 653,852	38,884	38,424
13	34	98 679	86 705,920	3 319 043,275	38,279	37,819
14	35	98 630	85 804,364	3 232 337,354	37,671	37,211
15	36	98 576	84 908,283	3 146 532,990	37,058	36,598
16	37	98 515	84 015,629	3 061 624,707	36,441	35,981
17	38	98 444	83 123,730	2 977 609,079	35,821	35,361
18	39	98 357	82 228,477	2 894 485,348	35,201	34,741
19	40	98 261	81 334,214	2 812 256,872	34,577	34,117
20	41	98 154	80 441,705	2 730 922,658	33,949	33,489
21	42	98 039	79 551,926	2 650 480,953	33,318	32,858
22	43	97 922	78 669,869	2 570 929,027	32,680	32,220
23	44	97 788	77 784,925	2 492 259,159	32,040	31,580
24	45	97 653	76 908,518	2 414 474,234	31,394	30,934
25	46	97 495	76 023,191	2 337 565,716	30,748	30,288
26	47	97 333	75 145,921	2 261 542,526	30,095	29,635
27	48	97 155	74 265,855	2 186 396,605	29,440	28,980
28	49	96 956	73 379,434	2 112 130,750	28,784	28,324
29	50	96 739	72 490,738	2 038 751,316	28,124	27,664
30	51	96 510	71 602,627	1 966 260,578	27,461	27,001
31	52	96 249	70 702,072	1 894 657,951	26,798	26,338
32	53	95 965	69 795,728	1 823 955,879	26,133	25,673
33	54	95 658	68 883,542	1 754 160,151	25,466	25,006
34	55	95 312	67 954,756	1 685 276,609	24,800	24,340
35	56	94 929	67 011,969	1 617 321,853	24,135	23,675
36	57	94 514	66 058,120	1 550 309,884	23,469	23,009
37	58	94 062	65 091,433	1 484 251,764	22,803	22,343
38	59	93 561	64 103,784	1 419 160,331	22,138	21,678
39	60	93 021	63 102,940	1 355 056,547	21,474	21,014
40	61	92 428	62 079,294	1 291 953,607	20,811	20,351
41	62	91 788	61 039,522	1 229 874,313	20,149	19,689
42	63	91 104	59 984,321	1 168 834,791	19,486	19,026
43	64	90 358	58 904,607	1 108 850,470	18,825	18,365
44	65	89 545	57 796,448	1 049 945,863	18,166	17,706
45	66	88 672	56 666,035	992 149,416	17,509	17,049
46	67	87 723	55 504,456	935 483,381	16,854	16,394
47	68	86 701	54 315,193	879 978,925	16,201	15,741
48	69	85 591	53 088,595	825 663,732	15,553	15,093
49	70	84 377	51 817,652	772 575,137	14,909	14,450
50	71	83 067	50 507,712	720 757,485	14,270	13,810
51	72	81 656	49 158,483	670 249,773	13,634	13,174
52	73	80 149	47 773,249	621 091,290	13,001	12,541
53	74	78 506	46 331,116	573 318,040	12,374	11,914
54	75	76 743	44 842,248	526 986,924	11,752	11,292
55	76	74 867	43 312,932	482 144,676	11,132	10,672
56	77	72 820	41 711,168	438 831,745	10,521	10,061
57	78	70 619	40 049,861	397 120,577	9,916	9,456
58	79	68 177	38 282,152	357 070,716	9,327	8,867
59	80	65 496	36 412,972	318 788,563	8,755	8,295
60	81	62 544	34 427,464	282 375,592	8,202	7,742
61	82	59 287	32 311,178	247 948,128	7,674	7,214
62	83	55 749	30 082,474	215 636,950	7,168	6,708
63	84	51 960	27 760,003	185 554,477	6,684	6,224
64	85	47 943	25 360,670	157 794,474	6,222	5,762
65	86	43 662	22 867,487	132 433,804	5,791	5,331
66	87	39 241	20 348,515	109 566,317	5,384	4,925
67	88	34 733	17 832,315	89 217,802	5,003	4,543
68	89	30 213	15 357,984	71 385,487	4,648	4,188
69	90	25 795	12 982,607	56 027,504	4,316	3,856
70	91	21 527	10 727,183	43 044,896	4,013	3,553
71	92	17 519	8 643,364	32 317,713	3,739	3,279
72	93	13 883	6 781,863	23 674,349	3,491	3,031
73	94	10 694	5 172,437	16 892,486	3,266	2,806
74	95	7 996	3 829,165	11 720,049	3,061	2,601
75	96	5 789	2 744,849	7 890,884	2,875	2,415
76	97	3 996	1 876,090	5 146,034	2,743	2,283
77	98	2 697	1 253,681	3 269,945	2,608	2,148
78	99	1 777	817,907	2 016,264	2,465	2,005
79	100	1 125	512,517	1 198,356	2,338	1,878

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 455	99 455,160	4 485 717,982	45,103	44,643
1	23	99 085	98 103,703	4 386 262,822	44,710	44,250
2	24	99 040	97 088,055	4 288 159,120	44,168	43,708
3	25	99 006	96 094,486	4 191 071,065	43,614	43,154
4	26	98 977	95 114,594	4 094 976,578	43,053	42,593
5	27	98 947	94 145,112	3 999 861,984	42,486	42,026
6	28	98 916	93 183,562	3 905 716,872	41,914	41,454
7	29	98 884	92 230,827	3 812 533,310	41,337	40,877
8	30	98 850	91 286,157	3 720 302,482	40,754	40,294
9	31	98 810	90 345,944	3 629 016,326	40,168	39,708
10	32	98 771	89 416,187	3 538 670,382	39,575	39,115
11	33	98 729	88 493,532	3 449 254,196	38,977	38,517
12	34	98 686	87 579,008	3 360 760,664	38,374	37,914
13	35	98 639	86 670,718	3 273 181,655	37,766	37,306
14	36	98 589	85 769,002	3 186 510,937	37,152	36,692
15	37	98 531	84 869,353	3 100 741,935	36,535	36,075
16	38	98 468	83 975,749	3 015 872,583	35,914	35,454
17	39	98 384	83 073,586	2 931 896,834	35,293	34,833
18	40	98 298	82 179,045	2 848 823,248	34,666	34,206
19	41	98 193	81 278,443	2 766 644,202	34,039	33,579
20	42	98 082	80 382,157	2 685 365,759	33,407	32,948
21	43	97 961	79 488,781	2 604 983,602	32,772	32,312
22	44	97 833	78 598,431	2 525 494,821	32,132	31,672
23	45	97 693	77 709,428	2 446 896,390	31,488	31,028
24	46	97 541	76 819,901	2 369 186,962	30,841	30,381
25	47	97 376	75 930,631	2 292 367,061	30,190	29,730
26	48	97 200	75 042,948	2 216 436,429	29,536	29,076
27	49	97 000	74 147,472	2 141 393,481	28,880	28,420
28	50	96 786	73 251,161	2 067 246,009	28,221	27,761
29	51	96 560	72 356,398	1 993 994,848	27,558	27,098
30	52	96 303	71 449,204	1 921 638,450	26,895	26,435
31	53	96 024	70 537,127	1 850 189,246	26,230	25,770
32	54	95 719	69 616,515	1 779 652,119	25,564	25,104
33	55	95 382	68 684,559	1 710 035,604	24,897	24,437
34	56	95 002	67 734,212	1 641 351,045	24,232	23,772
35	57	94 590	66 772,269	1 573 616,833	23,567	23,107
36	58	94 143	65 798,899	1 506 844,564	22,901	22,441
37	59	93 653	64 808,323	1 441 045,664	22,236	21,776
38	60	93 121	63 802,089	1 376 237,341	21,570	21,110
39	61	92 531	62 770,011	1 312 435,252	20,909	20,449
40	62	91 902	61 726,319	1 249 665,241	20,245	19,785
41	63	91 225	60 665,079	1 187 938,922	19,582	19,122
42	64	90 489	59 579,493	1 127 273,844	18,921	18,461
43	65	89 683	58 464,432	1 067 694,351	18,262	17,802
44	66	88 831	57 335,784	1 009 229,918	17,602	17,142
45	67	87 895	56 169,520	951 894,134	16,947	16,487
46	68	86 891	54 978,151	895 724,614	16,292	15,832
47	69	85 794	53 746,748	840 746,463	15,643	15,183
48	70	84 602	52 475,177	786 999,715	14,998	14,538
49	71	83 314	51 164,813	734 524,538	14,356	13,896
50	72	81 928	49 815,666	683 359,725	13,718	13,258
51	73	80 446	48 430,270	633 544,059	13,082	12,622
52	74	78 833	46 988,996	585 113,789	12,452	11,992
53	75	77 106	45 504,422	538 124,793	11,826	11,366
54	76	75 268	43 979,869	492 620,371	11,201	10,741
55	77	73 253	42 378,848	448 640,501	10,586	10,126
56	78	71 087	40 718,589	406 261,654	9,977	9,517
57	79	68 680	38 950,572	365 543,065	9,385	8,925
58	80	66 035	37 079,539	326 592,493	8,808	8,348
59	81	63 108	35 085,300	289 512,955	8,252	7,792
60	82	59 875	32 958,311	254 427,654	7,720	7,260
61	83	56 359	30 715,686	221 469,344	7,210	6,750
62	84	52 588	28 376,453	190 753,658	6,722	6,262
63	85	48 574	25 951,074	162 377,205	6,257	5,797
64	86	44 294	23 430,098	136 426,131	5,823	5,363
65	87	39 856	20 873,899	112 996,034	5,413	4,953
66	88	35 319	18 314,773	92 122,134	5,030	4,570
67	89	30 766	15 795,829	73 807,361	4,673	4,213
68	90	26 299	13 368,849	58 011,533	4,339	3,879
69	91	21 991	11 067,983	44 642,683	4,033	3,574
70	92	17 918	8 928,937	33 574,700	3,760	3,300
71	93	14 234	7 022,718	24 645,763	3,509	3,049
72	94	10 982	5 364,628	17 623,045	3,285	2,825
73	95	8 233	3 981,922	12 258,417	3,079	2,619
74	96	5 975	2 861,240	8 276,495	2,893	2,433
75	97	4 136	1 960,775	5 415,255	2,762	2,302
76	98	2 801	1 315,104	3 454,480	2,627	2,167
77	99	1 853	861,131	2 139,376	2,484	2,024
78	100	1 178	542,301	1 278,245	2,357	1,897

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 439	99 438,968	4 438 519,919	44,636	44,176
1	24	99 067	98 086,048	4 339 080,951	44,237	43,778
2	25	99 022	97 070,585	4 240 994,904	43,690	43,230
3	26	98 987	96 076,207	4 143 924,319	43,132	42,672
4	27	98 958	95 096,694	4 047 848,112	42,566	42,106
5	28	98 926	94 124,854	3 952 751,418	41,995	41,535
6	29	98 893	93 161,604	3 858 626,564	41,419	40,959
7	30	98 858	92 206,961	3 765 464,960	40,837	40,377
8	31	98 818	91 257,207	3 673 257,999	40,252	39,792
9	32	98 779	90 317,575	3 582 000,792	39,660	39,200
10	33	98 737	89 385,550	3 491 683,217	39,063	38,603
11	34	98 694	88 461,645	3 402 297,667	38,461	38,001
12	35	98 646	87 543,452	3 313 836,022	37,854	37,394
13	36	98 599	86 634,998	3 226 292,570	37,240	36,780
14	37	98 544	85 729,677	3 139 657,572	36,623	36,163
15	38	98 484	84 829,068	3 053 927,895	36,001	35,541
16	39	98 409	83 925,091	2 969 098,827	35,378	34,918
17	40	98 325	83 023,647	2 885 173,736	34,751	34,291
18	41	98 231	82 122,695	2 802 150,089	34,122	33,662
19	42	98 121	81 218,276	2 720 027,394	33,490	33,030
20	43	98 004	80 318,353	2 638 809,118	32,854	32,394
21	44	97 872	79 416,599	2 558 490,765	32,216	31,756
22	45	97 738	78 522,145	2 479 074,166	31,572	31,112
23	46	97 581	77 619,889	2 400 552,020	30,927	30,467
24	47	97 422	76 726,372	2 322 932,131	30,276	29,816
25	48	97 242	75 826,584	2 246 205,760	29,623	29,163
26	49	97 045	74 923,326	2 170 379,176	28,968	28,508
27	50	96 831	74 017,857	2 095 455,850	28,310	27,850
28	51	96 607	73 115,412	2 021 437,993	27,647	27,187
29	52	96 353	72 201,360	1 948 322,581	26,985	26,525
30	53	96 078	71 282,516	1 876 121,221	26,320	25,860
31	54	95 778	70 356,011	1 804 838,705	25,653	25,193
32	55	95 442	69 415,414	1 734 482,695	24,987	24,527
33	56	95 072	68 461,647	1 665 067,281	24,321	23,861
34	57	94 663	67 491,930	1 596 605,634	23,656	23,196
35	58	94 219	66 510,246	1 529 113,705	22,991	22,531
36	59	93 734	65 512,713	1 462 603,458	22,325	21,866
37	60	93 212	64 503,312	1 397 090,745	21,659	21,199
38	61	92 630	63 465,472	1 332 587,433	20,997	20,537
39	62	92 005	62 413,108	1 269 121,961	20,334	19,874
40	63	91 338	61 347,662	1 206 708,853	19,670	19,210
41	64	90 610	60 255,656	1 145 361,191	19,008	18,548
42	65	89 813	59 134,275	1 085 105,535	18,350	17,890
43	66	88 968	57 998,445	1 025 971,260	17,690	17,230
44	67	88 053	56 833,402	967 972,815	17,032	16,572
45	68	87 061	55 636,909	911 139,413	16,377	15,917
46	69	85 981	54 402,768	855 502,505	15,725	15,265
47	70	84 803	53 125,726	801 099,737	15,079	14,619
48	71	83 536	51 814,053	747 974,011	14,436	13,976
49	72	82 173	50 463,763	696 159,958	13,795	13,335
50	73	80 715	49 077,717	645 696,194	13,157	12,697
51	74	79 126	47 635,231	596 618,477	12,525	12,065
52	75	77 426	46 150,563	548 983,246	11,895	11,436
53	76	75 623	44 629,309	502 832,683	11,267	10,807
54	77	73 644	43 031,402	458 203,373	10,648	10,188
55	78	71 510	41 370,380	415 171,971	10,035	9,576
56	79	69 136	39 600,944	373 801,591	9,439	8,979
57	80	66 523	37 726,960	334 200,647	8,858	8,398
58	81	63 627	35 727,563	296 473,687	8,298	7,838
59	82	60 415	33 588,075	260 746,123	7,763	7,303
60	83	56 919	31 330,864	227 158,048	7,250	6,790
61	84	53 163	28 973,755	195 827,184	6,759	6,299
62	85	49 161	26 527,354	166 853,430	6,290	5,830
63	86	44 876	23 975,557	140 326,076	5,853	5,393
64	87	40 432	21 387,462	116 350,519	5,440	4,980
65	88	35 873	18 787,647	94 963,057	5,055	4,595
66	89	31 286	16 223,189	76 175,410	4,695	4,235
67	90	26 781	13 749,986	59 952,221	4,360	3,900
68	91	22 421	11 397,264	46 202,235	4,054	3,594
69	92	18 304	9 212,607	34 804,971	3,778	3,318
70	93	14 559	7 254,746	25 592,364	3,528	3,068
71	94	11 259	5 555,150	18 337,619	3,301	2,841
72	95	8 454	4 129,877	12 782,468	3,095	2,635
73	96	6 152	2 975,384	8 652,591	2,908	2,448
74	97	4 268	2 043,919	5 677,207	2,778	2,318
75	98	2 899	1 374,467	3 633,289	2,643	2,183
76	99	1 924	903,321	2 258,822	2,501	2,041
77	100	1 228	570,959	1 355,500	2,374	1,914

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 421	99 421,072	4 390 295,273	44,159	43,699
1	25	99 049	98 068,398	4 290 874,200	43,754	43,294
2	26	99 003	97 052,120	4 192 805,802	43,202	42,742
3	27	98 969	96 058,126	4 095 753,682	42,638	42,178
4	28	98 937	95 076,231	3 999 695,556	42,068	41,608
5	29	98 903	94 102,674	3 904 619,325	41,493	41,033
6	30	98 867	93 137,497	3 810 516,652	40,913	40,453
7	31	98 827	92 177,719	3 717 379,155	40,328	39,868
8	32	98 787	91 228,552	3 625 201,436	39,738	39,278
9	33	98 745	90 286,629	3 533 972,883	39,142	38,682
10	34	98 702	89 353,341	3 443 686,254	38,540	38,080
11	35	98 654	88 425,730	3 354 332,912	37,934	37,474
12	36	98 605	87 507,373	3 265 907,182	37,322	36,862
13	37	98 554	86 595,276	3 178 399,810	36,704	36,244
14	38	98 497	85 688,984	3 091 804,533	36,082	35,622
15	39	98 425	84 777,895	3 006 115,549	35,459	34,999
16	40	98 350	83 874,640	2 921 337,654	34,830	34,370
17	41	98 258	82 966,718	2 837 463,015	34,200	33,740
18	42	98 158	82 061,903	2 754 496,297	33,566	33,106
19	43	98 043	81 153,808	2 672 434,394	32,930	32,471
20	44	97 915	80 245,418	2 591 280,585	32,292	31,832
21	45	97 777	79 339,520	2 511 035,167	31,649	31,189
22	46	97 625	78 431,669	2 431 695,648	31,004	30,544
23	47	97 462	77 525,385	2 353 263,978	30,355	29,895
24	48	97 289	76 621,234	2 275 738,593	29,701	29,241
25	49	97 087	75 705,712	2 199 117,359	29,048	28,588
26	50	96 875	74 792,355	2 123 411,647	28,391	27,931
27	51	96 651	73 880,687	2 048 619,292	27,729	27,269
28	52	96 400	72 958,748	1 974 738,606	27,067	26,607
29	53	96 128	72 032,917	1 901 779,858	26,402	25,942
30	54	95 831	71 099,485	1 829 746,941	25,735	25,275
31	55	95 501	70 152,773	1 758 647,455	25,069	24,609
32	56	95 132	69 190,130	1 688 494,682	24,404	23,944
33	57	94 732	68 216,762	1 619 304,552	23,738	23,278
34	58	94 291	67 227,083	1 551 087,790	23,072	22,612
35	59	93 809	66 220,966	1 483 860,707	22,408	21,948
36	60	93 292	65 204,387	1 417 639,742	21,741	21,281
37	61	92 720	64 162,995	1 352 435,355	21,078	20,618
38	62	92 103	63 104,615	1 288 272,360	20,415	19,955
39	63	91 440	62 030,239	1 225 167,745	19,751	19,291
40	64	90 722	60 933,633	1 163 137,507	19,089	18,629
41	65	89 932	59 805,386	1 102 203,873	18,430	17,970
42	66	89 097	58 662,949	1 042 398,488	17,769	17,309
43	67	88 189	57 490,256	983 735,539	17,111	16,651
44	68	87 218	56 294,495	926 245,283	16,454	15,994
45	69	86 150	55 054,631	869 950,788	15,802	15,342
46	70	84 988	53 774,166	814 896,157	15,154	14,694
47	71	83 734	52 456,406	761 121,992	14,510	14,050
48	72	82 391	51 104,109	708 665,586	13,867	13,407
49	73	80 955	49 716,214	657 561,477	13,226	12,766
50	74	79 390	48 272,050	607 845,263	12,592	12,132
51	75	77 714	46 785,267	559 573,213	11,960	11,500
52	76	75 937	45 263,024	512 787,946	11,329	10,869
53	77	73 992	43 666,837	467 524,922	10,707	10,247
54	78	71 892	42 007,406	423 858,085	10,090	9,630
55	79	69 547	40 234,845	381 850,679	9,491	9,031
56	80	66 964	38 356,901	341 615,834	8,906	8,446
57	81	64 097	36 351,379	303 258,933	8,342	7,882
58	82	60 912	34 202,930	266 907,554	7,804	7,344
59	83	57 432	31 929,531	232 704,624	7,288	6,828
60	84	53 691	29 554,045	200 775,093	6,793	6,334
61	85	49 699	27 085,734	171 221,048	6,321	5,861
62	86	45 418	24 507,968	144 135,314	5,881	5,421
63	87	40 964	21 885,368	119 627,346	5,466	5,006
64	88	36 391	19 249,881	97 741,978	5,078	4,618
65	89	31 776	16 642,060	78 492,096	4,716	4,257
66	90	27 234	14 121,995	61 850,036	4,380	3,920
67	91	22 832	11 722,191	47 728,041	4,072	3,612
68	92	18 662	9 486,689	36 005,849	3,795	3,335
69	93	14 872	7 485,227	26 519,160	3,543	3,083
70	94	11 516	5 738,690	19 033,933	3,317	2,857
71	95	8 668	4 276,548	13 295,243	3,109	2,649
72	96	6 317	3 085,939	9 018,695	2,923	2,463
73	97	4 395	2 125,457	5 932,756	2,791	2,331
74	98	2 992	1 432,749	3 807,299	2,657	2,197
75	99	1 991	944,097	2 374,550	2,515	2,055
76	100	1 276	598,933	1 430,453	2,388	1,928

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 403	99 403,183	4 341 068,075	43,671	43,211
1	26	99 030	98 049,743	4 241 664,892	43,260	42,800
2	27	98 984	97 033,855	4 143 615,148	42,703	42,243
3	28	98 947	96 037,456	4 046 581,294	42,135	41,675
4	29	98 913	95 053,827	3 950 543,838	41,561	41,101
5	30	98 877	94 078,323	3 855 490,011	40,982	40,522
6	31	98 836	93 107,961	3 761 411,688	40,398	39,938
7	32	98 796	92 148,775	3 668 303,728	39,808	39,349
8	33	98 754	91 197,295	3 576 154,952	39,213	38,753
9	34	98 710	90 254,096	3 484 957,658	38,613	38,153
10	35	98 662	89 317,064	3 394 703,561	38,007	37,547
11	36	98 613	88 389,287	3 305 386,497	37,396	36,936
12	37	98 560	87 467,250	3 216 997,210	36,779	36,319
13	38	98 507	86 554,173	3 129 529,959	36,157	35,697
14	39	98 438	85 637,292	3 042 975,786	35,533	35,073
15	40	98 365	84 726,931	2 957 338,494	34,904	34,444
16	41	98 282	83 817,127	2 872 611,563	34,272	33,812
17	42	98 185	82 905,301	2 788 794,436	33,638	33,178
18	43	98 080	81 996,766	2 705 889,136	33,000	32,540
19	44	97 954	81 080,115	2 623 892,370	32,362	31,902
20	45	97 820	80 167,534	2 542 812,254	31,719	31,259
21	46	97 665	79 248,102	2 462 644,720	31,075	30,615
22	47	97 506	78 336,178	2 383 396,619	30,425	29,965
23	48	97 328	77 419,152	2 305 060,441	29,774	29,314
24	49	97 134	76 499,096	2 227 641,289	29,120	28,660
25	50	96 918	75 573,373	2 151 142,193	28,464	28,004
26	51	96 696	74 653,749	2 075 568,820	27,803	27,343
27	52	96 444	73 722,383	2 000 915,071	27,141	26,681
28	53	96 175	72 788,538	1 927 192,688	26,477	26,017
29	54	95 881	71 847,960	1 854 404,150	25,810	25,350
30	55	95 555	70 894,101	1 782 556,190	25,144	24,684
31	56	95 191	69 925,096	1 711 662,090	24,479	24,019
32	57	94 792	68 942,639	1 641 736,993	23,813	23,353
33	58	94 360	67 949,070	1 572 794,354	23,147	22,687
34	59	93 881	66 934,684	1 504 845,283	22,482	22,022
35	60	93 367	65 909,306	1 437 910,599	21,817	21,357
36	61	92 800	64 860,371	1 372 001,293	21,153	20,693
37	62	92 193	63 798,172	1 307 140,922	20,489	20,029
38	63	91 538	62 717,503	1 243 342,750	19,824	19,365
39	64	90 823	61 611,603	1 180 625,247	19,162	18,702
40	65	90 044	60 478,296	1 119 013,644	18,503	18,043
41	66	89 216	59 328,710	1 058 535,348	17,842	17,382
42	67	88 316	58 148,937	999 206,637	17,184	16,724
43	68	87 353	56 945,121	941 057,700	16,526	16,066
44	69	86 305	55 705,335	884 112,579	15,871	15,411
45	70	85 155	54 418,497	828 407,244	15,223	14,763
46	71	83 917	53 096,676	773 988,747	14,577	14,117
47	72	82 587	51 737,660	720 892,071	13,934	13,474
48	73	81 171	50 347,074	669 154,411	13,291	12,831
49	74	79 626	48 900,065	618 807,338	12,655	12,195
50	75	77 973	47 410,723	569 907,273	12,021	11,561
51	76	76 219	45 885,522	522 496,550	11,387	10,927
52	77	74 300	44 286,885	476 611,028	10,762	10,302
53	78	72 231	42 627,719	432 324,143	10,142	9,682
54	79	69 919	40 854,386	389 696,424	9,539	9,079
55	80	67 362	38 970,888	348 842,038	8,951	8,491
56	81	64 522	36 958,351	309 871,150	8,384	7,924
57	82	61 362	34 800,125	272 912,798	7,842	7,382
58	83	57 904	32 514,025	238 112,673	7,323	6,863
59	84	54 175	30 118,761	205 598,648	6,826	6,366
60	85	50 192	27 628,211	175 479,887	6,351	5,891
61	86	45 915	25 023,841	147 851,676	5,908	5,448
62	87	41 459	22 371,363	122 827,834	5,490	5,030
63	88	36 870	19 698,024	100 456,471	5,100	4,640
64	89	32 235	17 051,507	80 758,447	4,736	4,276
65	90	27 660	14 486,615	63 706,940	4,398	3,938
66	91	23 217	12 039,339	49 220,325	4,088	3,628
67	92	19 004	9 757,148	37 180,987	3,811	3,351
68	93	15 163	7 707,918	27 423,839	3,558	3,098
69	94	11 764	5 921,007	19 715,921	3,330	2,870
70	95	8 866	4 417,843	13 794,914	3,123	2,663
71	96	6 477	3 195,535	9 377,071	2,934	2,474
72	97	4 513	2 204,432	6 181,536	2,804	2,344
73	98	3 080	1 489,906	3 977,104	2,669	2,209
74	99	2 055	984,129	2 487,198	2,527	2,067
75	100	1 320	625,968	1 503,069	2,401	1,941

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	49	94 217	57 287,782	1 339 289,050	23,378	22,918
1	0	99 644	98 657,202	5 131 350,055	52,012	51,552	51	50	93 740	56 433,203	1 282 001,268	22,717	22,257
2	1	99 317	97 359,915	5 032 692,853	51,692	51,232	52	51	93 220	55 564,448	1 225 568,065	22,057	21,597
3	2	99 277	96 357,011	4 935 332,938	51,219	50,759	53	52	92 635	54 669,115	1 170 003,617	21,402	20,942
4	3	99 254	95 380,738	4 838 975,927	50,733	50,273	54	53	91 985	53 747,892	1 115 334,502	20,751	20,291
5	4	99 233	94 416,575	4 743 595,189	50,241	49,781	55	54	91 261	52 796,912	1 061 586,609	20,107	19,647
6	5	99 213	93 463,423	4 649 178,614	49,743	49,283	56	55	90 459	51 814,984	1 008 789,698	19,469	19,009
7	6	99 195	92 521,387	4 555 715,192	49,240	48,780	57	56	89 572	50 798,618	956 974,714	18,839	18,379
8	7	99 178	91 589,341	4 463 193,805	48,730	48,271	58	57	88 597	49 748,291	906 176,096	18,215	17,755
9	8	99 165	90 670,548	4 371 604,464	48,214	47,754	59	58	87 529	48 662,272	856 427,805	17,599	17,139
10	9	99 150	89 759,382	4 280 933,916	47,693	47,233	60	59	86 370	47 542,188	807 765,533	16,990	16,531
11	10	99 136	88 858,197	4 191 174,534	47,167	46,707	61	60	85 118	46 389,345	760 223,345	16,388	15,928
12	11	99 123	87 966,458	4 102 316,337	46,635	46,175	62	61	83 753	45 193,313	713 834,000	15,795	15,335
13	12	99 108	87 082,773	4 014 349,878	46,098	45,638	63	62	82 282	43 960,152	668 640,686	15,210	14,750
14	13	99 091	86 205,530	3 927 267,105	45,557	45,097	64	63	80 716	42 696,495	624 680,534	14,631	14,171
15	14	99 068	85 332,391	3 841 061,575	45,013	44,553	65	64	79 029	41 390,018	581 984,039	14,061	13,601
16	15	99 043	84 466,220	3 755 729,184	44,464	44,004	66	65	77 229	40 046,746	540 594,021	13,499	13,039
17	16	99 007	83 599,052	3 671 262,964	43,915	43,455	67	66	75 341	38 681,030	500 547,275	12,940	12,480
18	17	98 965	82 736,413	3 587 663,912	43,363	42,903	68	67	73 337	37 279,296	461 866,245	12,389	11,929
19	18	98 914	81 874,702	3 504 927,499	42,808	42,348	69	68	71 248	35 858,975	424 586,949	11,840	11,380
20	19	98 855	81 015,860	3 423 052,797	42,252	41,792	70	69	69 015	34 391,092	388 727,974	11,303	10,843
21	20	98 795	80 165,069	3 342 036,937	41,689	41,229	71	70	66 696	32 906,497	354 336,883	10,768	10,308
22	21	98 736	79 324,522	3 261 871,868	41,121	40,661	72	71	64 233	31 377,558	321 430,385	10,244	9,784
23	22	98 675	78 490,555	3 182 547,346	40,547	40,087	73	72	61 694	29 838,911	290 052,827	9,721	9,261
24	23	98 619	77 668,947	3 104 056,791	39,965	39,505	74	73	59 033	28 269,148	260 213,916	9,205	8,745
25	24	98 554	76 849,598	3 026 387,845	39,381	38,921	75	74	56 259	26 674,011	231 944,768	8,696	8,236
26	25	98 493	76 041,705	2 949 538,247	38,788	38,328	76	75	53 397	25 066,572	205 270,757	8,189	7,729
27	26	98 430	75 239,954	2 873 496,542	38,191	37,731	77	76	50 424	23 436,268	180 204,185	7,689	7,229
28	27	98 366	74 446,587	2 798 256,588	37,587	37,127	78	77	47 328	21 779,857	156 767,917	7,198	6,738
29	28	98 297	73 657,900	2 723 810,000	36,979	36,519	79	78	44 101	20 093,882	134 988,060	6,718	6,258
30	29	98 222	72 873,395	2 650 152,100	36,367	35,907	80	79	40 726	18 372,367	114 894,179	6,254	5,794
31	30	98 142	72 092,710	2 577 278,705	35,750	35,290	81	80	37 221	16 624,903	96 521,812	5,806	5,346
32	31	98 050	71 312,338	2 505 185,995	35,130	34,670	82	81	33 550	14 836,654	79 896,909	5,385	4,925
33	32	97 957	70 539,355	2 433 873,657	34,504	34,044	83	82	29 784	13 041,144	65 060,255	4,989	4,529
34	33	97 852	69 765,932	2 363 334,302	33,875	33,415	84	83	26 007	11 274,515	52 019,111	4,614	4,154
35	34	97 742	68 997,153	2 293 568,370	33,241	32,782	85	84	22 275	9 561,145	40 744,596	4,261	3,801
36	35	97 623	68 231,495	2 224 571,217	32,603	32,143	86	85	18 644	7 923,234	31 183,450	3,936	3,476
37	36	97 499	67 470,056	2 156 339,722	31,960	31,500	87	86	15 197	6 394,504	23 260,216	3,638	3,178
38	37	97 359	66 705,982	2 088 869,667	31,315	30,855	88	87	12 040	5 015,778	16 865,712	3,363	2,903
39	38	97 209	65 943,695	2 022 163,685	30,665	30,205	89	88	9 225	3 805,103	11 849,934	3,114	2,654
40	39	97 042	65 178,713	1 956 219,989	30,013	29,553	90	89	6 822	2 786,171	8 044,831	2,887	2,427
41	40	96 864	64 414,757	1 891 041,277	29,357	28,897	91	90	4 860	1 965,311	5 258,660	2,676	2,216
42	41	96 668	63 648,249	1 826 626,520	28,699	28,239	92	91	3 319	1 328,638	3 293,348	2,479	2,019
43	42	96 458	62 880,691	1 762 978,271	28,037	27,577	93	92	2 140	848,183	1 964,711	2,316	1,856
44	43	96 233	62 112,907	1 700 097,580	27,371	26,911	94	93	1 315	516,233	1 116,528	2,163	1,703
45	44	95 972	61 331,611	1 637 984,673	26,707	26,247	95	94	760	295,141	600,295	2,034	1,574
46	45	95 691	60 546,604	1 576 653,062	26,040	25,580	96	95	415	159,693	305,154	1,911	1,451
47	46	95 373	59 747,576	1 516 106,458	25,375	24,915	97	96	210	80,058	145,461	1,817	1,357
48	47	95 031	58 944,087	1 456 358,882	24,707	24,247	98	97	100	37,565	65,403	1,741	1,281
49	48	94 649	58 125,746	1 397 414,796	24,041	23,581	99	98	45	16,663	27,838	1,671	1,211
							100	99	19	6,983	11,175	1,600	1,140

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2	0	99 616	97 653,397	5 049 200,653	51,705	51,245
3	1	99 301	96 380,907	4 951 547,256	51,375	50,915
4	2	99 266	95 392,588	4 855 166,348	50,897	50,437
5	3	99 243	94 426,313	4 759 773,760	50,407	49,947
6	4	99 223	93 472,367	4 665 347,447	49,912	49,452
7	5	99 204	92 529,630	4 571 875,081	49,410	48,950
8	6	99 187	91 597,443	4 479 345,451	48,903	48,443
9	7	99 170	90 674,761	4 387 748,008	48,390	47,930
10	8	99 157	89 765,637	4 297 073,247	47,870	47,410
11	9	99 142	88 863,633	4 207 307,610	47,346	46,886
12	10	99 129	87 971,604	4 118 443,977	46,816	46,356
13	11	99 116	87 089,508	4 030 472,373	46,280	45,820
14	12	99 099	86 212,300	3 943 382,865	45,740	45,280
15	13	99 078	85 340,431	3 857 170,565	45,197	44,737
16	14	99 052	84 474,009	3 771 830,134	44,651	44,191
17	15	99 019	83 609,225	3 687 356,125	44,102	43,642
18	16	98 980	82 748,597	3 603 746,900	43,551	43,091
19	17	98 927	81 885,852	3 520 998,303	42,999	42,539
20	18	98 874	81 031,825	3 439 112,451	42,442	41,982
21	19	98 812	80 179,084	3 358 080,627	41,882	41,422
22	20	98 755	79 339,190	3 277 901,543	41,315	40,855
23	21	98 692	78 503,500	3 198 562,353	40,744	40,284
24	22	98 635	77 681,594	3 120 058,853	40,165	39,705
25	23	98 572	76 863,431	3 042 377,259	39,582	39,122
26	24	98 511	76 055,390	2 965 513,829	38,992	38,532
27	25	98 448	75 254,270	2 889 458,438	38,396	37,936
28	26	98 384	74 460,600	2 814 204,169	37,795	37,335
29	27	98 318	73 673,754	2 739 743,569	37,188	36,728
30	28	98 245	72 890,571	2 666 069,815	36,576	36,116
31	29	98 167	72 111,370	2 593 179,244	35,961	35,501
32	30	98 081	71 334,961	2 521 067,874	35,341	34,881
33	31	97 988	70 561,511	2 449 732,913	34,718	34,258
34	32	97 886	69 789,844	2 379 171,402	34,091	33,631
35	33	97 777	69 022,024	2 309 381,558	33,459	32,999
36	34	97 663	68 259,208	2 240 359,534	32,821	32,361
37	35	97 540	67 497,873	2 172 100,326	32,180	31,720
38	36	97 404	66 736,580	2 104 602,453	31,536	31,076
39	37	97 255	65 975,011	2 037 865,872	30,888	30,428
40	38	97 101	65 218,055	1 971 890,861	30,235	29,775
41	39	96 922	64 453,503	1 906 672,805	29,582	29,122
42	40	96 735	63 691,922	1 842 219,302	28,924	28,464
43	41	96 529	62 927,274	1 778 527,381	28,263	27,803
44	42	96 309	62 162,249	1 715 600,107	27,599	27,139
45	43	96 060	61 387,355	1 653 437,858	26,935	26,475
46	44	95 784	60 605,426	1 592 050,503	26,269	25,809
47	45	95 483	59 816,498	1 531 445,077	25,602	25,142
48	46	95 147	59 015,939	1 471 628,578	24,936	24,476
49	47	94 779	58 205,505	1 412 612,639	24,269	23,809
50	48	94 368	57 379,247	1 354 407,134	23,604	23,144
51	49	93 904	56 532,025	1 297 027,887	22,943	22,483
52	50	93 393	55 667,612	1 240 495,862	22,284	21,824
53	51	92 834	54 786,506	1 184 828,251	21,626	21,166
54	52	92 200	53 873,577	1 130 041,744	20,976	20,516
55	53	91 496	52 932,826	1 076 168,167	20,331	19,871
56	54	90 721	51 965,095	1 023 235,341	19,691	19,231
57	55	89 863	50 964,019	971 270,246	19,058	18,598
58	56	88 915	49 926,877	920 306,227	18,433	17,973
59	57	87 874	48 853,982	870 379,350	17,816	17,356
60	58	86 747	47 749,872	821 525,368	17,205	16,745
61	59	85 521	46 608,702	773 775,496	16,602	16,142
62	60	84 197	45 433,016	727 166,794	16,005	15,545
63	61	82 753	44 211,534	681 733,778	15,420	14,960
64	62	81 214	42 960,031	637 522,244	14,840	14,380
65	63	79 566	41 671,253	594 562,213	14,268	13,808
66	64	77 810	40 348,255	552 890,960	13,703	13,243
67	65	75 946	38 991,811	512 542,704	13,145	12,685
68	66	73 985	37 608,829	473 550,893	12,591	12,132
69	67	71 930	36 202,252	435 942,064	12,042	11,582
70	68	69 745	34 754,824	399 739,811	11,502	11,042
71	69	67 476	33 291,163	364 984,987	10,963	10,503
72	70	65 053	31 777,922	331 693,824	10,438	9,978
73	71	62 551	30 253,437	299 915,902	9,913	9,453
74	72	59 921	28 694,212	269 662,466	9,398	8,938
75	73	57 198	27 119,204	240 968,253	8,886	8,426
76	74	54 367	25 521,965	213 849,049	8,379	7,919
77	75	51 412	23 895,818	188 327,084	7,881	7,421
78	76	48 372	22 259,913	164 431,267	7,387	6,927
79	77	45 176	20 583,701	142 171,354	6,907	6,447
80	78	41 876	18 890,884	121 587,652	6,436	5,976
81	79	38 428	17 164,104	102 696,768	5,983	5,523
82	80	34 819	15 398,092	85 532,664	5,555	5,095
83	81	31 112	13 622,467	70 134,573	5,148	4,688
84	82	27 358	11 860,157	56 512,105	4,765	4,305
85	83	23 615	10 135,971	44 651,948	4,405	3,945
86	84	19 944	8 475,526	34 515,977	4,072	3,612
87	85	16 450	6 921,393	26 040,451	3,762	3,302
88	86	13 190	5 494,816	19 119,058	3,479	3,019
89	87	10 249	4 227,637	13 624,242	3,223	2,763
90	88	7 702	3 145,380	9 396,606	2,987	2,527
91	89	5 584	2 257,728	6 251,226	2,769	2,309
92	90	3 893	1 558,475	3 993,498	2,562	2,102
93	91	2 571	1 019,003	2 435,023	2,390	1,930
94	92	1 619	635,365	1 416,020	2,229	1,769
95	93	960	373,111	780,655	2,092	1,632
96	94	539	207,438	407,543	1,965	1,505
97	95	281	107,141	200,105	1,868	1,408
98	96	139	52,586	92,964	1,768	1,308
99	97	64	23,772	40,378	1,699	1,239
100	98	27	10,166	16,607	1,634	1,174

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 601	96 671,438	4 966 850,489	51,379	50,919
4	1	99 291	95 416,245	4 870 179,051	51,041	50,581
5	2	99 255	94 438,045	4 774 762,806	50,560	50,100
6	3	99 233	93 482,007	4 680 324,761	50,067	49,607
7	4	99 214	92 538,484	4 586 842,754	49,567	49,107
8	5	99 196	91 605,604	4 494 304,269	49,061	48,601
9	6	99 178	90 682,782	4 402 698,666	48,551	48,091
10	7	99 162	89 769,807	4 312 015,883	48,034	47,574
11	8	99 149	88 869,826	4 222 246,076	47,510	47,050
12	9	99 135	87 976,986	4 133 376,250	46,982	46,522
13	10	99 122	87 094,602	4 045 399,264	46,448	45,988
14	11	99 106	86 218,967	3 958 304,662	45,910	45,450
15	12	99 085	85 347,133	3 872 085,695	45,369	44,909
16	13	99 062	84 481,968	3 786 738,562	44,823	44,363
17	14	99 028	83 616,935	3 702 256,593	44,276	43,816
18	15	98 992	82 758,666	3 618 639,659	43,725	43,265
19	16	98 942	81 897,911	3 535 880,992	43,174	42,714
20	17	98 888	81 042,860	3 453 983,082	42,619	42,159
21	18	98 832	80 194,883	3 372 940,222	42,059	41,599
22	19	98 772	79 353,060	3 292 745,338	41,495	41,035
23	20	98 710	78 518,016	3 213 392,279	40,926	40,466
24	21	98 651	77 694,406	3 134 874,262	40,349	39,889
25	22	98 588	76 875,947	3 057 179,857	39,768	39,308
26	23	98 529	76 069,080	2 980 303,910	39,179	38,719
27	24	98 466	75 267,813	2 904 234,830	38,585	38,125
28	25	98 403	74 474,767	2 828 967,017	37,986	37,526
29	26	98 336	73 687,621	2 754 492,250	37,381	36,921
30	27	98 267	72 906,259	2 680 804,629	36,771	36,311
31	28	98 190	72 128,367	2 607 898,369	36,156	35,696
32	29	98 107	71 353,425	2 535 770,002	35,538	35,078
33	30	98 019	70 583,895	2 464 416,578	34,915	34,455
34	31	97 916	69 811,765	2 393 832,683	34,290	33,830
35	32	97 810	69 045,681	2 324 020,918	33,659	33,199
36	33	97 698	68 283,813	2 254 975,237	33,024	32,564
37	34	97 579	67 525,288	2 186 691,424	32,383	31,923
38	35	97 444	66 764,096	2 119 166,135	31,741	31,281
39	36	97 300	66 005,275	2 052 402,039	31,095	30,635
40	37	97 147	65 249,027	1 986 396,765	30,443	29,983
41	38	96 981	64 492,408	1 921 147,738	29,789	29,329
42	39	96 793	63 730,233	1 856 655,330	29,133	28,673
43	40	96 595	62 970,453	1 792 925,097	28,472	28,013
44	41	96 380	62 208,299	1 729 954,644	27,809	27,349
45	42	96 136	61 436,120	1 667 746,345	27,146	26,686
46	43	95 871	60 660,510	1 606 310,225	26,480	26,020
47	44	95 576	59 874,611	1 545 649,715	25,815	25,355
48	45	95 257	59 084,018	1 485 775,104	25,147	24,687
49	46	94 894	58 276,457	1 426 691,086	24,481	24,021
50	47	94 497	57 457,982	1 368 414,628	23,816	23,356
51	48	94 054	56 622,283	1 310 956,646	23,153	22,693
52	49	93 556	55 765,093	1 254 334,363	22,493	22,033
53	50	93 006	54 888,225	1 198 569,270	21,837	21,377
54	51	92 398	53 989,260	1 143 681,045	21,183	20,724
55	52	91 710	53 056,605	1 089 691,785	20,538	20,078
56	53	90 955	52 098,868	1 036 635,180	19,897	19,437
57	54	90 124	51 111,665	984 536,312	19,262	18,802
58	55	89 204	50 089,440	933 424,646	18,635	18,175
59	56	88 190	49 029,358	883 335,207	18,016	17,556
60	57	87 089	47 937,987	834 305,849	17,404	16,944
61	58	85 894	46 812,308	786 367,862	16,798	16,338
62	59	84 595	45 647,851	739 555,553	16,201	15,741
63	60	83 192	44 446,029	693 907,702	15,612	15,152
64	61	81 679	43 205,693	649 461,673	15,032	14,572
65	62	80 057	41 928,461	606 255,980	14,459	13,999
66	63	78 339	40 622,412	564 327,519	13,892	13,432
67	64	76 518	39 285,378	523 705,107	13,331	12,871
68	65	74 579	37 910,997	484 419,729	12,778	12,318
69	66	72 566	36 522,265	446 508,732	12,226	11,766
70	67	70 412	35 087,532	409 986,468	11,685	11,225
71	68	68 189	33 643,263	374 898,936	11,143	10,683
72	69	65 813	32 149,395	341 255,673	10,615	10,155
73	70	63 349	30 639,457	309 106,278	10,089	9,629
74	71	60 753	29 092,836	278 466,821	9,572	9,112
75	72	58 058	27 526,977	249 373,985	9,059	8,599
76	73	55 275	25 947,930	221 847,008	8,550	8,090
77	74	52 346	24 329,941	195 899,078	8,052	7,592
78	75	49 320	22 696,396	171 569,137	7,559	7,099
79	76	46 172	21 037,393	148 872,741	7,077	6,617
80	77	42 896	19 351,379	127 835,348	6,606	6,146
81	78	39 513	17 648,521	108 483,970	6,147	5,687
82	79	35 949	15 897,503	90 835,448	5,714	5,254
83	80	32 289	14 137,958	74 937,945	5,300	4,840
84	81	28 578	12 388,837	60 799,987	4,908	4,448
85	82	24 841	10 662,473	48 411,150	4,540	4,080
86	83	21 143	8 985,083	37 748,677	4,201	3,741
87	84	17 596	7 403,851	28 763,594	3,885	3,425
88	85	14 276	5 947,573	21 359,743	3,591	3,131
89	86	11 228	4 631,402	15 412,171	3,328	2,868
90	87	8 557	3 494,655	10 780,768	3,085	2,625
91	88	6 304	2 548,806	7 286,113	2,859	2,399
92	89	4 472	1 790,359	4 737,307	2,646	2,186
93	90	3 015	1 195,278	2 946,948	2,465	2,006
94	91	1 945	763,325	1 751,670	2,295	1,835
95	92	1 182	459,215	988,345	2,152	1,692
96	93	682	262,240	529,130	2,018	1,558
97	94	365	139,174	266,891	1,918	1,458
98	95	187	70,375	127,717	1,815	1,355
99	96	89	33,277	57,342	1,723	1,263
100	97	39	14,503	24,065	1,659	1,199

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4	0	99 590	95 703,868	4 884 338,192	51,036	50,576
5	1	99 280	94 461,465	4 788 634,324	50,694	50,234
6	2	99 245	93 493,622	4 694 172,858	50,208	49,749
7	3	99 224	92 548,029	4 600 679,237	49,711	49,251
8	4	99 205	91 614,370	4 508 131,208	49,208	48,748
9	5	99 187	90 690,861	4 416 516,838	48,699	48,239
10	6	99 170	89 777,749	4 325 825,977	48,184	47,724
11	7	99 154	88 873,955	4 236 048,228	47,664	47,204
12	8	99 142	87 983,117	4 147 174,273	47,136	46,676
13	9	99 128	87 099,930	4 059 191,156	46,604	46,144
14	10	99 112	86 224,011	3 972 091,226	46,067	45,607
15	11	99 093	85 353,733	3 885 867,215	45,527	45,067
16	12	99 070	84 488,603	3 800 513,482	44,983	44,523
17	13	99 037	83 624,813	3 716 024,879	44,437	43,977
18	14	99 001	82 766,298	3 632 400,066	43,887	43,427
19	15	98 954	81 907,876	3 549 633,768	43,337	42,877
20	16	98 902	81 054,795	3 467 725,892	42,782	42,323
21	17	98 845	80 205,804	3 386 671,097	42,225	41,765
22	18	98 791	79 368,697	3 306 465,293	41,660	41,200
23	19	98 727	78 531,743	3 227 096,596	41,093	40,633
24	20	98 670	77 708,772	3 148 564,853	40,517	40,058
25	21	98 604	76 888,625	3 070 856,080	39,939	39,479
26	22	98 545	76 081,467	2 993 967,455	39,352	38,892
27	23	98 484	75 281,361	2 917 885,989	38,760	38,300
28	24	98 421	74 488,170	2 842 604,628	38,162	37,702
29	25	98 355	73 701,641	2 768 116,457	37,558	37,098
30	26	98 285	72 919,982	2 694 414,816	36,950	36,490
31	27	98 211	72 143,891	2 621 494,833	36,337	35,877
32	28	98 130	71 370,243	2 549 350,942	35,720	35,260
33	29	98 045	70 602,165	2 477 980,700	35,098	34,638
34	30	97 947	69 833,911	2 407 378,535	34,473	34,013
35	31	97 841	69 067,368	2 337 544,624	33,844	33,384
36	32	97 732	68 307,217	2 268 477,256	33,210	32,750
37	33	97 614	67 549,629	2 200 170,039	32,571	32,111
38	34	97 484	66 791,213	2 132 620,410	31,930	31,470
39	35	97 340	66 032,489	2 065 829,197	31,285	30,825
40	36	97 191	65 278,957	1 999 796,708	30,635	30,175
41	37	97 027	64 523,035	1 934 517,751	29,982	29,522
42	38	96 851	63 768,701	1 869 994,716	29,325	28,865
43	39	96 653	63 008,330	1 806 226,015	28,666	28,206
44	40	96 447	62 250,984	1 743 217,685	28,003	27,543
45	41	96 207	61 481,633	1 680 966,701	27,341	26,881
46	42	95 948	60 708,698	1 619 485,068	26,676	26,216
47	43	95 663	59 929,031	1 558 776,370	26,010	25,550
48	44	95 349	59 141,419	1 498 847,339	25,343	24,883
49	45	95 004	58 343,683	1 439 705,920	24,676	24,216
50	46	94 612	57 528,023	1 381 362,237	24,012	23,552
51	47	94 183	56 699,979	1 323 834,214	23,348	22,888
52	48	93 706	55 854,127	1 267 134,234	22,686	22,227
53	49	93 169	54 984,342	1 211 280,107	22,030	21,570
54	50	92 569	54 089,499	1 156 295,765	21,377	20,917
55	51	91 907	53 170,534	1 102 206,267	20,730	20,270
56	52	91 167	52 220,697	1 049 035,733	20,089	19,629
57	53	90 356	51 243,241	996 815,036	19,453	18,993
58	54	89 463	50 234,552	945 571,795	18,823	18,363
59	55	88 477	49 188,998	895 337,243	18,202	17,742
60	56	87 401	48 110,075	846 148,245	17,588	17,128
61	57	86 233	46 996,730	798 038,170	16,981	16,521
62	58	84 965	45 847,260	751 041,440	16,381	15,921
63	59	83 585	44 656,197	705 194,180	15,792	15,332
64	60	82 112	43 434,854	660 537,983	15,208	14,748
65	61	80 515	42 168,224	617 103,129	14,634	14,174
66	62	78 822	40 873,146	574 934,905	14,066	13,606
67	63	77 038	39 552,313	534 061,759	13,503	13,043
68	64	75 141	38 196,426	494 509,446	12,946	12,487
69	65	73 149	36 815,702	456 313,020	12,395	11,935
70	66	71 035	35 397,690	419 497,318	11,851	11,391
71	67	68 842	33 965,329	384 099,628	11,309	10,849
72	68	66 509	32 489,419	350 134,299	10,777	10,317
73	69	64 090	30 997,622	317 644,880	10,247	9,787
74	70	61 528	29 464,047	286 647,258	9,729	9,269
75	71	58 864	27 909,386	257 183,211	9,215	8,755
76	72	56 106	26 338,092	229 273,825	8,705	8,245
77	73	53 220	24 736,012	202 935,734	8,204	7,744
78	74	50 216	23 108,729	178 199,722	7,711	7,251
79	75	47 078	21 449,904	155 090,993	7,230	6,770
80	76	43 842	19 777,908	133 641,089	6,757	6,297
81	77	40 476	18 078,731	113 863,181	6,298	5,838
82	78	36 963	16 346,173	95 784,450	5,860	5,400
83	79	33 337	14 596,499	79 438,277	5,442	4,982
84	80	29 659	12 857,646	64 841,777	5,043	4,583
85	81	25 949	11 137,764	51 984,131	4,667	4,207
86	82	22 241	9 451,803	40 846,367	4,322	3,862
87	83	18 654	7 848,978	31 394,564	4,000	3,540
88	84	15 272	6 362,150	23 545,586	3,701	3,241
89	85	12 154	5 013,017	17 183,435	3,428	2,968
90	86	9 374	3 828,416	12 170,419	3,179	2,719
91	87	7 003	2 831,836	8 342,003	2,946	2,486
92	88	5 049	2 021,182	5 510,167	2,726	2,266
93	89	3 464	1 373,122	3 488,985	2,541	2,081
94	90	2 281	895,371	2 115,864	2,363	1,903
95	91	1 420	551,699	1 220,493	2,212	1,752
96	92	839	322,757	668,794	2,072	1,612
97	93	462	175,941	346,037	1,967	1,507
98	94	242	91,416	170,096	1,861	1,401
99	95	119	44,535	78,680	1,767	1,307
100	96	55	20,302	34,146	1,682	1,222

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5	0	99 579	94 746,210	4 801 713,240	50,680	50,220
6	1	99 270	93 516,808	4 706 967,029	50,333	49,873
7	2	99 236	92 559,527	4 613 450,221	49,843	49,383
8	3	99 215	91 623,819	4 520 890,694	49,342	48,882
9	4	99 197	90 699,540	4 429 266,875	48,835	48,375
10	5	99 179	89 785,747	4 338 567,336	48,321	47,861
11	6	99 163	88 881,817	4 248 781,588	47,803	47,343
12	7	99 146	87 987,204	4 159 899,771	47,278	46,818
13	8	99 135	87 106,000	4 071 912,567	46,747	46,287
14	9	99 118	86 229,286	3 984 806,567	46,212	45,752
15	10	99 099	85 358,726	3 898 577,281	45,673	45,213
16	11	99 077	84 495,137	3 813 218,555	45,129	44,669
17	12	99 045	83 631,380	3 728 723,418	44,585	44,125
18	13	99 010	82 774,096	3 645 092,038	44,037	43,577
19	14	98 963	81 915,429	3 562 317,941	43,488	43,028
20	15	98 914	81 064,658	3 480 402,512	42,934	42,474
21	16	98 860	80 217,616	3 399 337,854	42,376	41,916
22	17	98 805	79 379,505	3 319 120,238	41,813	41,353
23	18	98 747	78 547,218	3 239 740,733	41,246	40,786
24	19	98 687	77 722,357	3 161 193,515	40,673	40,213
25	20	98 623	76 902,843	3 083 471,157	40,096	39,636
26	21	98 561	76 094,014	3 006 568,314	39,511	39,051
27	22	98 500	75 293,619	2 930 474,300	38,921	38,461
28	23	98 438	74 501,578	2 855 180,680	38,324	37,864
29	24	98 373	73 714,905	2 780 679,102	37,722	37,262
30	25	98 304	72 933,856	2 706 964,197	37,115	36,655
31	26	98 230	72 157,471	2 634 030,341	36,504	36,044
32	27	98 151	71 385,604	2 561 872,870	35,888	35,428
33	28	98 068	70 618,806	2 490 487,266	35,267	34,807
34	29	97 973	69 851,987	2 419 868,461	34,643	34,183
35	30	97 872	69 089,278	2 350 016,474	34,014	33,554
36	31	97 763	68 328,672	2 280 927,196	33,382	32,922
37	32	97 648	67 572,781	2 212 598,523	32,744	32,284
38	33	97 519	66 815,289	2 145 025,742	32,104	31,644
39	34	97 380	66 059,308	2 078 210,454	31,460	31,000
40	35	97 232	65 305,872	2 012 151,145	30,811	30,351
41	36	97 071	64 552,632	1 946 845,274	30,159	29,699
42	37	96 897	63 798,985	1 882 292,642	29,503	29,044
43	38	96 712	63 046,363	1 818 493,657	28,844	28,384
44	39	96 505	62 288,429	1 755 447,294	28,183	27,723
45	40	96 273	61 523,819	1 693 158,866	27,520	27,060
46	41	96 019	60 753,672	1 631 635,046	26,857	26,397
47	42	95 739	59 976,638	1 570 881,375	26,192	25,732
48	43	95 436	59 195,173	1 510 904,737	25,524	25,064
49	44	95 096	58 400,365	1 451 709,564	24,858	24,398
50	45	94 722	57 594,385	1 393 309,199	24,192	23,732
51	46	94 298	56 769,097	1 335 714,814	23,529	23,069
52	47	93 834	55 930,769	1 278 945,717	22,867	22,407
53	48	93 318	55 072,129	1 223 014,948	22,208	21,748
54	49	92 731	54 184,217	1 167 942,818	21,555	21,095
55	50	92 077	53 269,252	1 113 758,602	20,908	20,448
56	51	91 363	52 332,830	1 060 489,350	20,264	19,804
57	52	90 567	51 363,069	1 008 156,519	19,628	19,168
58	53	89 693	50 363,870	956 793,450	18,998	18,538
59	54	88 733	49 331,502	906 429,580	18,374	17,914
60	55	87 686	48 266,722	857 098,078	17,758	17,298
61	56	86 542	47 165,439	808 831,356	17,149	16,689
62	57	85 299	46 027,879	761 665,917	16,548	16,088
63	58	83 950	44 851,274	715 638,038	15,956	15,496
64	59	82 500	43 640,240	670 786,764	15,371	14,911
65	60	80 942	42 391,882	627 146,524	14,794	14,334
66	61	79 273	41 106,875	584 754,641	14,225	13,765
67	62	77 513	39 796,442	543 647,767	13,661	13,201
68	63	75 651	38 455,961	503 851,325	13,102	12,642
69	64	73 700	37 092,885	465 395,364	12,547	12,087
70	65	71 606	35 682,092	428 302,479	12,003	11,543
71	66	69 451	34 265,568	392 620,387	11,458	10,998
72	67	67 146	32 800,440	358 354,819	10,925	10,465
73	68	64 768	31 325,464	325 554,379	10,393	9,933
74	69	62 247	29 808,472	294 228,915	9,871	9,411
75	70	59 616	28 265,497	264 420,443	9,355	8,895
76	71	56 885	26 703,984	236 154,946	8,843	8,383
77	72	54 020	25 107,950	209 450,962	8,342	7,882
78	73	51 054	23 494,417	184 343,012	7,846	7,386
79	74	47 933	21 839,591	160 848,595	7,365	6,905
80	75	44 702	20 165,723	139 009,004	6,893	6,433
81	76	41 368	18 477,210	118 843,281	6,432	5,972
82	77	37 864	16 744,637	100 366,071	5,994	5,534
83	78	34 278	15 008,452	83 621,434	5,572	5,112
84	79	30 621	13 274,662	68 612,983	5,169	4,709
85	80	26 931	11 559,231	55 338,320	4,787	4,327
86	81	23 232	9 873,128	43 779,089	4,434	3,974
87	82	19 623	8 256,684	33 905,961	4,106	3,647
88	83	16 190	6 744,649	25 649,277	3,803	3,343
89	84	13 001	5 362,451	18 904,628	3,525	3,065
90	85	10 147	4 143,867	13 542,177	3,268	2,808
91	86	7 672	3 102,294	9 398,311	3,029	2,569
92	87	5 609	2 245,622	6 296,017	2,804	2,344
93	88	3 911	1 550,152	4 050,395	2,613	2,153
94	89	2 621	1 028,592	2 500,243	2,431	1,971
95	90	1 665	647,136	1 471,651	2,274	1,814
96	91	1 008	387,759	824,516	2,126	1,666
97	92	568	216,543	436,757	2,017	1,557
98	93	306	115,566	220,214	1,906	1,446
99	94	155	57,850	104,647	1,809	1,349
100	95	73	27,170	46,798	1,722	1,262

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	93 798,705	4 719 031,631	50,310	49,850
7	1	99 261	92 582,482	4 625 232,925	49,958	49,498
8	2	99 228	91 635,202	4 532 650,443	49,464	49,004
9	3	99 207	90 708,894	4 441 015,241	48,959	48,499
10	4	99 189	89 794,339	4 350 306,347	48,447	47,987
11	5	99 171	88 889,736	4 260 512,008	47,930	47,470
12	6	99 155	87 994,988	4 171 622,272	47,407	46,948
13	7	99 139	87 110,047	4 083 627,283	46,879	46,419
14	8	99 125	86 235,295	3 996 517,237	46,344	45,884
15	9	99 105	85 363,948	3 910 281,942	45,807	45,347
16	10	99 083	84 500,079	3 824 917,994	45,265	44,805
17	11	99 053	83 637,848	3 740 417,914	44,722	44,262
18	12	99 018	82 780,597	3 656 780,066	44,174	43,714
19	13	98 972	81 923,148	3 573 999,470	43,626	43,166
20	14	98 923	81 072,133	3 492 076,322	43,074	42,614
21	15	98 872	80 227,377	3 411 004,189	42,517	42,057
22	16	98 819	79 391,195	3 330 776,812	41,954	41,494
23	17	98 760	78 557,915	3 251 385,616	41,388	40,928
24	18	98 706	77 737,673	3 172 827,701	40,815	40,355
25	19	98 640	76 916,287	3 095 090,028	40,240	39,780
26	20	98 579	76 108,085	3 018 173,741	39,656	39,196
27	21	98 516	75 306,037	2 942 065,656	39,068	38,608
28	22	98 454	74 513,709	2 866 759,619	38,473	38,013
29	23	98 391	73 728,174	2 792 245,909	37,872	37,412
30	24	98 322	72 946,982	2 718 517,736	37,267	36,807
31	25	98 249	72 171,200	2 645 570,753	36,657	36,197
32	26	98 169	71 399,041	2 573 399,554	36,042	35,583
33	27	98 089	70 634,005	2 502 000,513	35,422	34,962
34	28	97 996	69 868,451	2 431 366,508	34,799	34,339
35	29	97 897	69 107,161	2 361 498,058	34,172	33,712
36	30	97 794	68 350,348	2 292 390,896	33,539	33,079
37	31	97 679	67 594,006	2 224 040,548	32,903	32,443
38	32	97 552	66 838,189	2 156 446,543	32,264	31,804
39	33	97 415	66 083,120	2 089 608,353	31,621	31,161
40	34	97 271	65 332,396	2 023 525,233	30,973	30,513
41	35	97 111	64 579,247	1 958 192,837	30,322	29,862
42	36	96 942	63 828,250	1 893 613,590	29,667	29,207
43	37	96 758	63 076,303	1 829 785,340	29,009	28,549
44	38	96 563	62 326,027	1 766 709,037	28,346	27,886
45	39	96 331	61 560,826	1 704 383,010	27,686	27,226
46	40	96 085	60 795,359	1 642 822,184	27,022	26,562
47	41	95 809	60 021,069	1 582 026,825	26,358	25,898
48	42	95 512	59 242,197	1 522 005,756	25,691	25,231
49	43	95 183	58 453,445	1 462 763,560	25,024	24,564
50	44	94 814	57 650,339	1 404 310,115	24,359	23,899
51	45	94 407	56 834,583	1 346 659,775	23,694	23,234
52	46	93 949	55 998,949	1 289 825,192	23,033	22,573
53	47	93 446	55 147,698	1 233 826,243	22,373	21,913
54	48	92 879	54 270,727	1 178 678,545	21,718	21,259
55	49	92 238	53 362,534	1 124 407,818	21,071	20,611
56	50	91 533	52 429,994	1 071 045,284	20,428	19,968
57	51	90 761	51 473,361	1 018 615,290	19,789	19,329
58	52	89 903	50 481,642	967 141,929	19,158	18,698
59	53	88 961	49 458,495	916 660,287	18,534	18,074
60	54	87 940	48 406,554	867 201,792	17,915	17,455
61	55	86 824	47 319,010	818 795,238	17,304	16,844
62	56	85 606	46 193,110	771 476,228	16,701	16,241
63	57	84 281	45 027,970	725 283,118	16,107	15,647
64	58	82 861	43 830,879	680 255,148	15,520	15,060
65	59	81 324	42 592,337	636 424,269	14,942	14,482
66	60	79 693	41 324,903	593 831,933	14,370	13,910
67	61	77 957	40 024,013	552 507,029	13,804	13,344
68	62	76 118	38 693,323	512 483,016	13,245	12,785
69	63	74 200	37 344,922	473 789,693	12,687	12,227
70	64	72 145	35 950,740	436 444,771	12,140	11,680
71	65	70 009	34 540,874	400 494,031	11,595	11,135
72	66	67 739	33 090,381	365 953,156	11,059	10,599
73	67	65 388	31 625,342	332 862,775	10,525	10,065
74	68	62 906	30 123,738	301 237,433	10,000	9,540
75	69	60 312	28 595,911	271 113,695	9,481	9,021
76	70	57 611	27 044,714	242 517,784	8,967	8,507
77	71	54 771	25 456,753	215 473,070	8,464	8,004
78	72	51 822	23 847,687	190 016,317	7,968	7,508
79	73	48 733	22 204,097	166 168,630	7,484	7,024
80	74	45 514	20 532,080	143 964,533	7,012	6,552
81	75	42 179	18 839,520	123 432,452	6,552	6,092
82	76	38 699	17 113,710	104 592,933	6,112	5,652
83	77	35 113	15 374,306	87 479,223	5,690	5,230
84	78	31 485	13 649,309	72 104,916	5,283	4,823
85	79	27 804	11 934,136	58 455,608	4,898	4,438
86	80	24 111	10 246,739	46 521,472	4,540	4,080
87	81	20 498	8 624,735	36 274,733	4,206	3,746
88	82	17 031	7 094,993	27 649,998	3,897	3,437
89	83	13 782	5 684,847	20 555,005	3,616	3,156
90	84	10 854	4 432,716	14 870,159	3,355	2,895
91	85	8 305	3 357,914	10 437,442	3,108	2,648
92	86	6 145	2 460,093	7 079,529	2,878	2,418
93	87	4 345	1 722,287	4 619,436	2,682	2,222
94	88	2 959	1 161,203	2 897,149	2,495	2,035
95	89	1 913	743,422	1 735,946	2,335	1,875
96	90	1 182	454,836	992,523	2,182	1,722
97	91	683	260,154	537,687	2,067	1,607
98	92	377	142,236	277,533	1,951	1,491
99	93	196	73,132	135,297	1,850	1,390
100	94	95	35,294	62,165	1,761	1,301

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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4						
5						
6						
7	0	99 560	92 861,563	4 636 349,888	49,928	49,468
8	1	99 252	91 657,928	4 543 488,325	49,570	49,110
9	2	99 219	90 720,164	4 451 830,397	49,072	48,612
10	3	99 199	89 803,601	4 361 110,233	48,563	48,103
11	4	99 181	88 898,242	4 271 306,632	48,047	47,587
12	5	99 164	88 002,828	4 182 408,390	47,526	47,066
13	6	99 148	87 117,753	4 094 405,563	46,999	46,539
14	7	99 130	86 239,301	4 007 287,809	46,467	46,007
15	8	99 112	85 369,897	3 921 048,508	45,930	45,470
16	9	99 089	84 505,249	3 835 678,611	45,390	44,930
17	10	99 058	83 642,740	3 751 173,362	44,848	44,388
18	11	99 025	82 786,998	3 667 530,622	44,301	43,841
19	12	98 980	81 929,581	3 584 743,623	43,754	43,294
20	13	98 933	81 079,772	3 502 814,042	43,202	42,742
21	14	98 881	80 234,775	3 421 734,270	42,647	42,187
22	15	98 832	79 400,856	3 341 499,495	42,084	41,624
23	16	98 775	78 569,484	3 262 098,639	41,519	41,059
24	17	98 720	77 748,260	3 183 529,155	40,947	40,487
25	18	98 659	76 931,444	3 105 780,896	40,371	39,911
26	19	98 597	76 121,390	3 028 849,452	39,790	39,330
27	20	98 534	75 319,962	2 952 728,061	39,202	38,742
28	21	98 471	74 525,999	2 877 408,099	38,609	38,149
29	22	98 407	73 740,179	2 802 882,100	38,010	37,550
30	23	98 339	72 960,112	2 729 141,921	37,406	36,946
31	24	98 266	72 184,188	2 656 181,809	36,797	36,337
32	25	98 188	71 412,625	2 583 997,620	36,184	35,724
33	26	98 107	70 647,300	2 512 584,995	35,565	35,105
34	27	98 017	69 883,489	2 441 937,695	34,943	34,483
35	28	97 920	69 123,450	2 372 054,206	34,316	33,856
36	29	97 819	68 368,039	2 302 930,757	33,684	33,224
37	30	97 709	67 615,448	2 234 562,717	33,048	32,588
38	31	97 583	66 859,183	2 166 947,269	32,411	31,951
39	32	97 448	66 105,770	2 100 088,086	31,769	31,309
40	33	97 306	65 355,946	2 033 982,316	31,122	30,662
41	34	97 151	64 605,477	1 968 626,370	30,472	30,012
42	35	96 982	63 854,566	1 904 020,893	29,818	29,358
43	36	96 802	63 105,236	1 840 166,327	29,160	28,700
44	37	96 609	62 355,625	1 777 061,090	28,499	28,039
45	38	96 389	61 597,985	1 714 705,466	27,837	27,377
46	39	96 142	60 831,928	1 653 107,480	27,175	26,715
47	40	95 875	60 062,254	1 592 275,553	26,510	26,050
48	41	95 583	59 286,084	1 532 213,299	25,844	25,384
49	42	95 258	58 499,880	1 472 927,215	25,178	24,718
50	43	94 900	57 702,737	1 414 427,336	24,512	24,052
51	44	94 498	56 889,799	1 356 724,598	23,848	23,388
52	45	94 057	56 063,547	1 299 834,799	23,185	22,725
53	46	93 560	55 214,923	1 243 771,252	22,526	22,066
54	47	93 007	54 345,196	1 188 556,328	21,870	21,411
55	48	92 386	53 447,732	1 134 211,132	21,221	20,761
56	49	91 693	52 521,806	1 080 763,400	20,577	20,117
57	50	90 930	51 568,929	1 028 241,595	19,939	19,479
58	51	90 096	50 590,041	976 672,666	19,306	18,846
59	52	89 169	49 574,150	926 082,625	18,681	18,221
60	53	88 166	48 531,166	876 508,475	18,061	17,601
61	54	87 075	47 456,096	827 977,309	17,447	16,987
62	55	85 884	46 343,516	780 521,212	16,842	16,382
63	56	84 583	45 189,611	734 177,697	16,247	15,787
64	57	83 187	44 003,555	688 988,086	15,658	15,198
65	58	81 680	42 778,398	644 984,531	15,077	14,617
66	59	80 070	41 520,313	602 206,133	14,504	14,044
67	60	78 370	40 236,299	560 685,821	13,935	13,475
68	61	76 554	38 914,587	520 449,522	13,374	12,914
69	62	74 658	37 575,426	481 534,935	12,815	12,355
70	63	72 635	36 195,017	443 959,509	12,266	11,806
71	64	70 536	34 800,930	407 764,492	11,717	11,257
72	65	68 284	33 356,245	372 963,562	11,181	10,721
73	66	65 966	31 904,897	339 607,317	10,644	10,184
74	67	63 508	30 412,112	307 702,420	10,118	9,658
75	68	60 950	28 898,352	277 290,309	9,595	9,135
76	69	58 285	27 360,858	248 391,957	9,078	8,618
77	70	55 470	25 781,570	221 031,099	8,573	8,113
78	71	52 542	24 178,982	195 249,529	8,075	7,615
79	72	49 466	22 537,966	171 070,547	7,590	7,130
80	73	46 273	20 874,764	148 532,582	7,115	6,655
81	74	42 946	19 181,784	127 657,818	6,655	6,195
82	75	39 458	17 449,284	108 476,034	6,217	5,757
83	76	35 887	15 713,176	91 026,750	5,793	5,333
84	77	32 253	13 982,032	75 313,575	5,386	4,926
85	78	28 589	12 270,949	61 331,543	4,998	4,538
86	79	24 893	10 579,075	49 060,594	4,638	4,178
87	80	21 273	8 951,106	38 481,519	4,299	3,839
88	81	17 790	7 411,260	29 530,413	3,985	3,525
89	82	14 498	5 980,140	22 119,153	3,699	3,239
90	83	11 507	4 699,216	16 139,014	3,434	2,974
91	84	8 883	3 591,978	11 439,798	3,185	2,725
92	85	6 651	2 662,797	7 847,820	2,947	2,487
93	86	4 760	1 886,776	5 185,023	2,748	2,288
94	87	3 287	1 290,148	3 298,247	2,556	2,097
95	88	2 160	839,269	2 008,099	2,393	1,933
96	89	1 358	522,511	1 168,830	2,237	1,777
97	90	801	305,157	646,319	2,118	1,658
98	91	453	170,881	341,162	1,996	1,537
99	92	241	90,009	170,281	1,892	1,432
100	93	121	44,618	80,272	1,799	1,339

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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4						
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7						
8	0	99 552	91 934,222	4 553 723,857	49,532	49,072
9	1	99 244	90 742,663	4 461 789,635	49,170	48,710
10	2	99 211	89 814,758	4 371 046,972	48,667	48,207
11	3	99 191	88 907,411	4 281 232,214	48,154	47,694
12	4	99 173	88 011,249	4 192 324,804	47,634	47,174
13	5	99 157	87 125,514	4 104 313,554	47,108	46,648
14	6	99 139	86 246,931	4 017 188,040	46,578	46,118
15	7	99 116	85 373,863	3 930 941,109	46,044	45,584
16	8	99 096	84 511,138	3 845 567,246	45,504	45,044
17	9	99 065	83 647,857	3 761 056,108	44,963	44,503
18	10	99 031	82 791,841	3 677 408,251	44,418	43,958
19	11	98 988	81 935,917	3 594 616,410	43,871	43,411
20	12	98 940	81 086,139	3 512 680,493	43,320	42,860
21	13	98 890	80 242,335	3 431 594,354	42,765	42,305
22	14	98 841	79 408,178	3 351 352,018	42,204	41,744
23	15	98 787	78 579,044	3 271 943,840	41,639	41,179
24	16	98 734	77 759,709	3 193 364,796	41,067	40,607
25	17	98 673	76 941,921	3 115 605,087	40,493	40,033
26	18	98 616	76 136,391	3 038 663,166	39,911	39,451
27	19	98 551	75 333,130	2 962 526,775	39,326	38,866
28	20	98 489	74 539,779	2 887 193,646	38,734	38,274
29	21	98 423	73 752,341	2 812 653,866	38,136	37,676
30	22	98 355	72 971,993	2 738 901,525	37,534	37,074
31	23	98 284	72 197,181	2 665 929,533	36,926	36,466
32	24	98 206	71 425,477	2 593 732,351	36,314	35,854
33	25	98 126	70 660,742	2 522 306,874	35,696	35,236
34	26	98 035	69 896,643	2 451 646,132	35,075	34,615
35	27	97 942	69 138,327	2 381 749,490	34,449	33,989
36	28	97 842	68 384,154	2 312 611,162	33,818	33,358
37	29	97 735	67 632,950	2 244 227,009	33,182	32,722
38	30	97 614	66 880,393	2 176 594,059	32,545	32,085
39	31	97 479	66 126,534	2 109 713,666	31,904	31,444
40	32	97 339	65 378,347	2 043 587,133	31,258	30,798
41	33	97 186	64 628,765	1 978 208,786	30,609	30,149
42	34	97 021	63 880,501	1 913 580,021	29,956	29,496
43	35	96 842	63 131,255	1 849 699,520	29,299	28,839
44	36	96 653	62 384,228	1 786 568,265	28,638	28,178
45	37	96 435	61 627,237	1 724 184,037	27,978	27,518
46	38	96 200	60 868,647	1 662 556,800	27,314	26,854
47	39	95 933	60 098,382	1 601 688,153	26,651	26,191
48	40	95 648	59 326,764	1 541 589,772	25,985	25,525
49	41	95 329	58 543,217	1 482 263,008	25,319	24,859
50	42	94 975	57 748,576	1 423 719,791	24,654	24,194
51	43	94 584	56 941,506	1 365 971,215	23,989	23,529
52	44	94 149	56 118,014	1 309 029,709	23,326	22,866
53	45	93 668	55 278,617	1 252 911,695	22,665	22,205
54	46	93 120	54 411,443	1 197 633,078	22,011	21,551
55	47	92 512	53 521,072	1 143 221,635	21,360	20,900
56	48	91 839	52 605,662	1 089 700,563	20,715	20,255
57	49	91 089	51 659,233	1 037 094,901	20,076	19,616
58	50	90 263	50 683,969	985 435,668	19,443	18,983
59	51	89 361	49 680,600	934 751,700	18,815	18,355
60	52	88 373	48 644,652	885 071,099	18,195	17,735
61	53	87 300	47 578,262	836 426,447	17,580	17,120
62	54	86 133	46 477,776	788 848,185	16,973	16,513
63	55	84 859	45 336,749	742 370,409	16,375	15,915
64	56	83 486	44 161,519	697 033,660	15,784	15,324
65	57	82 001	42 946,927	652 872,141	15,202	14,742
66	58	80 420	41 701,690	609 925,214	14,626	14,166
67	59	78 741	40 426,560	568 223,524	14,056	13,596
68	60	76 960	39 120,988	527 796,963	13,491	13,031
69	61	75 085	37 790,297	488 675,976	12,931	12,471
70	62	73 083	36 418,424	450 885,679	12,381	11,921
71	63	71 015	35 037,394	414 467,255	11,829	11,369
72	64	68 798	33 607,382	379 429,861	11,290	10,830
73	65	66 496	32 161,236	345 822,479	10,753	10,293
74	66	64 069	30 680,942	313 661,243	10,223	9,763
75	67	61 534	29 174,996	282 980,302	9,699	9,239
76	68	58 901	27 650,237	253 805,306	9,179	8,719
77	69	56 118	26 082,948	226 155,070	8,671	8,211
78	70	53 212	24 487,495	200 072,122	8,170	7,710
79	71	50 153	22 851,066	175 584,627	7,684	7,224
80	72	46 969	21 188,643	152 733,561	7,208	6,748
81	73	43 663	19 501,930	131 544,918	6,745	6,285
82	74	40 174	17 766,291	112 042,987	6,306	5,847
83	75	36 591	16 021,287	94 276,697	5,884	5,424
84	76	32 964	14 290,214	78 255,410	5,476	5,016
85	77	29 286	12 570,072	63 965,196	5,089	4,629
86	78	25 596	10 877,645	51 395,123	4,725	4,265
87	79	21 963	9 241,420	40 517,478	4,384	3,924
88	80	18 463	7 691,711	31 276,058	4,066	3,606
89	81	15 144	6 246,711	23 584,347	3,775	3,316
90	82	12 104	4 943,311	17 337,636	3,507	3,047
91	83	9 417	3 807,932	12 394,325	3,255	2,795
92	84	7 115	2 848,409	8 586,394	3,014	2,554
93	85	5 152	2 042,241	5 737,985	2,810	2,350
94	86	3 601	1 413,365	3 695,744	2,615	2,155
95	87	2 400	932,464	2 282,379	2,448	1,988
96	88	1 533	589,876	1 349,915	2,288	1,828
97	89	920	350,561	760,039	2,168	1,708
98	90	531	200,442	409,478	2,043	1,583
99	91	290	108,137	209,036	1,933	1,473
100	92	149	54,914	100,900	1,837	1,377

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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3						
4						
5						
6						
7						
8						
9	0	99 543	91 016,198	4 471 208,478	49,125	48,665
10	1	99 236	89 837,032	4 380 192,280	48,757	48,297
11	2	99 204	88 918,457	4 290 355,248	48,250	47,790
12	3	99 184	88 020,327	4 201 436,791	47,733	47,273
13	4	99 166	87 133,852	4 113 416,465	47,208	46,748
14	5	99 147	86 254,614	4 026 282,613	46,679	46,219
15	6	99 125	85 381,416	3 940 027,999	46,146	45,686
16	7	99 101	84 515,064	3 854 646,583	45,609	45,149
17	8	99 071	83 653,687	3 770 131,519	45,068	44,608
18	9	99 037	82 796,906	3 686 477,832	44,524	44,064
19	10	98 993	81 940,710	3 603 680,926	43,979	43,519
20	11	98 948	81 092,410	3 521 740,216	43,429	42,969
21	12	98 898	80 248,637	3 440 647,806	42,875	42,415
22	13	98 850	79 415,660	3 360 399,169	42,314	41,854
23	14	98 796	78 586,290	3 280 983,509	41,750	41,290
24	15	98 746	77 769,171	3 202 397,219	41,178	40,718
25	16	98 687	76 953,252	3 124 628,048	40,604	40,144
26	17	98 630	76 146,759	3 047 674,796	40,024	39,564
27	18	98 571	75 347,975	2 971 528,037	39,437	38,977
28	19	98 506	74 552,811	2 896 180,062	38,847	38,387
29	20	98 441	73 765,979	2 821 627,252	38,251	37,791
30	21	98 371	72 984,028	2 747 861,273	37,650	37,190
31	22	98 300	72 208,937	2 674 877,245	37,044	36,584
32	23	98 223	71 438,334	2 602 668,308	36,432	35,972
33	24	98 144	70 673,459	2 531 229,974	35,816	35,356
34	25	98 054	69 909,941	2 460 556,516	35,196	34,736
35	26	97 960	69 151,341	2 390 646,574	34,571	34,111
36	27	97 863	68 398,872	2 321 495,233	33,941	33,481
37	28	97 758	67 648,891	2 253 096,361	33,306	32,846
38	29	97 639	66 897,704	2 185 447,471	32,668	32,209
39	30	97 510	66 147,511	2 118 549,767	32,028	31,568
40	31	97 370	65 398,882	2 052 402,256	31,383	30,923
41	32	97 219	64 650,916	1 987 003,374	30,734	30,274
42	33	97 056	63 903,528	1 922 352,458	30,082	29,622
43	34	96 881	63 156,896	1 858 448,930	29,426	28,966
44	35	96 693	62 409,949	1 795 292,034	28,766	28,306
45	36	96 479	61 655,506	1 732 882,085	28,106	27,646
46	37	96 246	60 897,553	1 671 226,578	27,443	26,983
47	38	95 991	60 134,658	1 610 329,026	26,779	26,319
48	39	95 706	59 362,449	1 550 194,368	26,114	25,654
49	40	95 394	58 583,387	1 490 831,919	25,448	24,988
50	41	95 046	57 791,356	1 432 248,532	24,783	24,323
51	42	94 659	56 986,740	1 374 457,175	24,119	23,659
52	43	94 234	56 169,019	1 317 470,435	23,455	22,995
53	44	93 759	55 332,322	1 261 301,416	22,795	22,335
54	45	93 228	54 474,210	1 205 969,094	22,138	21,678
55	46	92 625	53 586,314	1 151 494,885	21,489	21,029
56	47	91 966	52 677,846	1 097 908,570	20,842	20,382
57	48	91 235	51 741,712	1 045 230,724	20,201	19,741
58	49	90 421	50 772,723	993 489,012	19,567	19,107
59	50	89 527	49 772,839	942 716,289	18,940	18,480
60	51	88 562	48 749,107	892 943,450	18,317	17,857
61	52	87 504	47 689,520	844 194,343	17,702	17,242
62	53	86 355	46 597,423	796 504,823	17,093	16,633
63	54	85 105	45 468,093	749 907,401	16,493	16,033
64	55	83 757	44 305,309	704 439,308	15,900	15,440
65	56	82 296	43 101,098	660 133,998	15,316	14,856
66	57	80 737	41 865,978	617 032,900	14,738	14,278
67	58	79 085	40 603,160	575 166,922	14,166	13,706
68	59	77 324	39 305,976	534 563,762	13,600	13,140
69	60	75 484	37 990,735	495 257,787	13,036	12,576
70	61	73 501	36 626,678	457 267,052	12,485	12,025
71	62	71 453	35 253,655	420 640,373	11,932	11,472
72	63	69 265	33 835,736	385 386,718	11,390	10,930
73	64	66 996	32 403,376	351 550,982	10,849	10,389
74	65	64 584	30 927,447	319 147,606	10,319	9,859
75	66	62 078	29 432,890	288 220,159	9,792	9,332
76	67	59 465	27 914,932	258 787,270	9,271	8,811
77	68	56 712	26 358,810	230 872,338	8,759	8,299
78	69	53 834	24 773,745	204 513,527	8,255	7,795
79	70	50 793	23 142,635	179 739,782	7,767	7,307
80	71	47 622	21 482,999	156 597,147	7,289	6,829
81	72	44 319	19 795,168	135 114,148	6,826	6,366
82	73	40 845	18 062,813	115 318,980	6,384	5,924
83	74	37 256	16 312,351	97 256,167	5,962	5,502
84	75	33 610	14 570,423	80 943,816	5,555	5,095
85	76	29 931	12 847,133	66 373,393	5,166	4,706
86	77	26 220	11 142,805	53 526,260	4,804	4,344
87	78	22 583	9 502,238	42 383,455	4,460	4,000
88	79	19 062	7 941,179	32 881,217	4,141	3,681
89	80	15 718	6 483,094	24 940,039	3,847	3,387
90	81	12 644	5 163,665	18 456,944	3,574	3,114
91	82	9 907	4 005,730	13 293,280	3,319	2,859
92	83	7 543	3 019,658	9 287,550	3,076	2,616
93	84	5 511	2 184,596	6 267,892	2,869	2,409
94	85	3 898	1 529,822	4 083,296	2,669	2,209
95	86	2 629	1 021,520	2 553,473	2,500	2,040
96	87	1 704	655,378	1 531,953	2,338	1,878
97	88	1 039	395,758	876,575	2,215	1,755
98	89	611	230,265	480,818	2,088	1,628
99	90	340	126,843	250,553	1,975	1,515
100	91	178	65,974	123,710	1,875	1,415

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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10	0	99 535	90 107,837	4 388 856,790	48,707	48,247
11	1	99 228	88 940,509	4 298 748,953	48,333	47,873
12	2	99 196	88 031,262	4 209 808,444	47,822	47,362
13	3	99 177	87 142,839	4 121 777,182	47,299	46,839
14	4	99 157	86 262,868	4 034 634,343	46,771	46,311
15	5	99 134	85 389,022	3 948 371,474	46,240	45,780
16	6	99 109	84 522,541	3 862 982,452	45,704	45,244
17	7	99 076	83 657,573	3 778 459,911	45,166	44,706
18	8	99 044	82 802,676	3 694 802,338	44,622	44,162
19	9	98 999	81 945,723	3 611 999,662	44,078	43,618
20	10	98 954	81 097,153	3 530 053,939	43,529	43,069
21	11	98 905	80 254,843	3 448 956,785	42,975	42,515
22	12	98 858	79 421,897	3 368 701,943	42,415	41,955
23	13	98 805	78 593,695	3 289 280,046	41,852	41,392
24	14	98 755	77 776,343	3 210 686,351	41,281	40,821
25	15	98 699	76 962,616	3 132 910,008	40,707	40,247
26	16	98 644	76 157,973	3 055 947,393	40,126	39,666
27	17	98 584	75 358,236	2 979 789,420	39,542	39,082
28	18	98 525	74 567,502	2 904 431,184	38,950	38,490
29	19	98 458	73 778,874	2 829 863,683	38,356	37,896
30	20	98 390	72 997,523	2 756 084,808	37,756	37,296
31	21	98 316	72 220,846	2 683 087,285	37,151	36,691
32	22	98 239	71 449,966	2 610 866,438	36,541	36,081
33	23	98 161	70 686,180	2 539 416,472	35,925	35,465
34	24	98 072	69 922,523	2 468 730,292	35,307	34,847
35	25	97 979	69 164,498	2 398 807,769	34,683	34,223
36	26	97 881	68 411,747	2 329 643,272	34,053	33,593
37	27	97 779	67 663,451	2 261 231,525	33,419	32,959
38	28	97 662	66 913,471	2 193 568,074	32,782	32,322
39	29	97 535	66 164,632	2 126 654,602	32,142	31,682
40	30	97 401	65 419,628	2 060 489,970	31,497	31,037
41	31	97 250	64 671,223	1 995 070,342	30,849	30,389
42	32	97 089	63 925,431	1 930 399,119	30,198	29,738
43	33	96 916	63 179,662	1 866 473,688	29,542	29,082
44	34	96 732	62 435,298	1 803 294,027	28,883	28,423
45	35	96 519	61 680,927	1 740 858,729	28,224	27,764
46	36	96 290	60 925,487	1 679 177,802	27,561	27,101
47	37	96 036	60 163,215	1 618 252,315	26,898	26,438
48	38	95 763	59 398,281	1 558 089,100	26,231	25,771
49	39	95 452	58 618,626	1 498 690,819	25,567	25,107
50	40	95 111	57 831,011	1 440 072,193	24,901	24,441
51	41	94 730	57 028,956	1 382 241,182	24,238	23,778
52	42	94 309	56 213,639	1 325 212,226	23,575	23,115
53	43	93 844	55 382,613	1 268 998,587	22,913	22,453
54	44	93 318	54 527,133	1 213 615,974	22,257	21,797
55	45	92 732	53 648,129	1 159 088,842	21,605	21,145
56	46	92 078	52 742,060	1 105 440,712	20,959	20,499
57	47	91 360	51 812,711	1 052 698,652	20,317	19,857
58	48	90 566	50 853,787	1 000 885,941	19,682	19,222
59	49	89 684	49 859,998	950 032,154	19,054	18,594
60	50	88 727	48 839,617	900 172,156	18,431	17,971
61	51	87 692	47 791,923	851 332,540	17,813	17,353
62	52	86 557	46 706,387	803 540,616	17,204	16,744
63	53	85 324	45 585,140	756 834,229	16,603	16,143
64	54	84 000	44 433,665	711 249,089	16,007	15,547
65	55	82 564	43 241,436	666 815,424	15,421	14,961
66	56	81 027	42 016,268	623 573,988	14,841	14,381
67	57	79 396	40 763,120	581 557,719	14,267	13,807
68	58	77 661	39 477,680	540 794,599	13,699	13,239
69	59	75 841	38 170,378	501 316,919	13,134	12,674
70	60	73 891	36 820,944	463 146,541	12,578	12,118
71	61	71 862	35 455,250	426 325,596	12,024	11,564
72	62	69 693	34 044,581	390 870,347	11,481	11,021
73	63	67 451	32 623,548	356 825,766	10,938	10,478
74	64	65 070	31 160,298	324 202,218	10,404	9,944
75	65	62 577	29 669,368	293 041,920	9,877	9,417
76	66	59 991	28 161,688	263 372,552	9,352	8,892
77	67	57 254	26 611,143	235 210,865	8,839	8,379
78	68	54 404	25 035,761	208 599,721	8,332	7,872
79	69	51 386	23 413,165	183 563,960	7,840	7,380
80	70	48 229	21 757,112	160 150,795	7,361	6,901
81	71	44 935	20 070,165	138 393,683	6,895	6,436
82	72	41 459	18 334,411	118 323,518	6,454	5,994
83	73	37 877	16 584,607	99 989,107	6,029	5,569
84	74	34 221	14 835,129	83 404,500	5,622	5,162
85	75	30 518	13 099,046	68 569,371	5,235	4,775
86	76	26 798	11 388,406	55 470,326	4,871	4,411
87	77	23 134	9 733,870	44 081,919	4,529	4,069
88	78	19 600	8 165,300	34 348,050	4,207	3,747
89	79	16 227	6 693,363	26 182,749	3,912	3,452
90	80	13 122	5 359,064	19 489,387	3,637	3,177
91	81	10 348	4 184,290	14 130,323	3,377	2,917
92	82	7 934	3 176,510	9 946,033	3,131	2,671
93	83	5 843	2 315,936	6 769,522	2,923	2,463
94	84	4 170	1 636,459	4 453,586	2,721	2,261
95	85	2 846	1 105,691	2 817,127	2,548	2,088
96	86	1 866	717,971	1 711,436	2,384	1,924
97	87	1 154	439,704	993,466	2,259	1,799
98	88	689	259,952	553,762	2,130	1,670
99	89	390	145,716	293,810	2,016	1,556
100	90	209	77,386	148,094	1,914	1,454

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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11	0	99 527	89 208,611	4 306 718,439	48,277	47,817
12	1	99 220	88 053,094	4 217 509,828	47,897	47,437
13	2	99 189	87 153,666	4 129 456,734	47,381	46,921
14	3	99 167	86 271,765	4 042 303,068	46,855	46,395
15	4	99 143	85 397,194	3 956 031,303	46,325	45,865
16	5	99 118	84 530,071	3 870 634,109	45,790	45,330
17	6	99 085	83 664,974	3 786 104,038	45,253	44,793
18	7	99 049	82 806,523	3 702 439,064	44,712	44,252
19	8	99 006	81 951,434	3 619 632,541	44,168	43,708
20	9	98 960	81 102,115	3 537 681,107	43,620	43,160
21	10	98 911	80 259,537	3 456 578,993	43,068	42,608
22	11	98 865	79 428,038	3 376 319,455	42,508	42,048
23	12	98 813	78 599,867	3 296 891,417	41,945	41,485
24	13	98 765	77 783,671	3 218 291,550	41,375	40,915
25	14	98 708	76 969,713	3 140 507,879	40,802	40,342
26	15	98 656	76 167,240	3 063 538,166	40,221	39,761
27	16	98 599	75 369,333	2 987 370,926	39,636	39,176
28	17	98 539	74 577,656	2 912 001,592	39,047	38,587
29	18	98 478	73 793,413	2 837 423,936	38,451	37,991
30	19	98 407	73 010,285	2 763 630,523	37,853	37,393
31	20	98 334	72 234,201	2 690 620,238	37,249	36,789
32	21	98 256	71 461,750	2 618 386,037	36,640	36,180
33	22	98 177	70 697,690	2 546 924,287	36,026	35,566
34	23	98 089	69 935,109	2 476 226,597	35,407	34,948
35	24	97 996	69 176,945	2 406 291,488	34,785	34,325
36	25	97 900	68 424,763	2 337 114,543	34,156	33,696
37	26	97 797	67 676,187	2 268 689,780	33,523	33,063
38	27	97 683	66 927,873	2 201 013,593	32,886	32,426
39	28	97 558	66 180,227	2 134 085,720	32,247	31,787
40	29	97 426	65 436,561	2 067 905,492	31,602	31,142
41	30	97 280	64 691,738	2 002 468,931	30,954	30,494
42	31	97 120	63 945,509	1 937 777,193	30,304	29,844
43	32	96 949	63 201,316	1 873 831,683	29,649	29,189
44	33	96 767	62 457,803	1 810 630,367	28,990	28,530
45	34	96 558	61 705,979	1 748 172,564	28,331	27,871
46	35	96 330	60 950,606	1 686 466,585	27,669	27,209
47	36	96 080	60 190,812	1 625 515,978	27,006	26,546
48	37	95 809	59 426,489	1 565 325,166	26,341	25,881
49	38	95 509	58 654,009	1 505 898,677	25,674	25,214
50	39	95 168	57 865,797	1 447 244,668	25,010	24,550
51	40	94 795	57 068,087	1 389 378,871	24,346	23,886
52	41	94 379	56 255,283	1 332 310,784	23,683	23,223
53	42	93 918	55 426,608	1 276 055,501	23,022	22,562
54	43	93 403	54 576,692	1 220 628,893	22,365	21,905
55	44	92 822	53 700,250	1 166 052,201	21,714	21,254
56	45	92 184	52 802,902	1 112 351,951	21,066	20,606
57	46	91 471	51 875,870	1 059 549,049	20,425	19,965
58	47	90 690	50 923,567	1 007 673,179	19,788	19,328
59	48	89 827	49 939,604	956 749,612	19,158	18,698
60	49	88 882	48 925,141	906 810,008	18,535	18,075
61	50	87 854	47 880,656	857 884,866	17,917	17,457
62	51	86 743	46 806,680	810 004,210	17,305	16,845
63	52	85 523	45 691,738	763 197,531	16,703	16,243
64	53	84 216	44 548,049	717 505,793	16,106	15,646
65	54	82 803	43 366,709	672 957,744	15,518	15,058
66	55	81 291	42 153,074	629 591,034	14,936	14,476
67	56	79 681	40 909,452	587 437,960	14,359	13,899
68	57	77 967	39 633,206	546 528,509	13,790	13,330
69	58	76 172	38 337,122	506 895,303	13,222	12,762
70	59	74 240	36 995,056	468 558,180	12,665	12,205
71	60	72 243	35 643,302	431 563,124	12,108	11,648
72	61	70 091	34 239,261	395 919,822	11,563	11,103
73	62	67 868	32 824,911	361 680,561	11,018	10,558
74	63	65 513	31 372,024	328 855,650	10,482	10,022
75	64	63 048	29 892,746	297 483,625	9,952	9,492
76	65	60 473	28 387,952	267 590,879	9,426	8,966
77	66	57 761	26 846,374	239 202,927	8,910	8,450
78	67	54 924	25 275,429	212 356,553	8,402	7,942
79	68	51 930	23 660,791	187 081,124	7,907	7,447
80	69	48 793	22 011,446	163 420,333	7,424	6,964
81	70	45 508	20 326,251	141 408,888	6,957	6,497
82	71	42 035	18 589,115	121 082,637	6,514	6,054
83	72	38 447	16 833,978	102 493,521	6,088	5,629
84	73	34 792	15 082,730	85 659,543	5,679	5,219
85	74	31 072	13 337,020	70 576,813	5,292	4,832
86	75	27 323	11 611,716	57 239,793	4,929	4,470
87	76	23 644	9 948,417	45 628,077	4,586	4,126
88	77	20 078	8 364,342	35 679,661	4,266	3,806
89	78	16 685	6 882,267	27 315,319	3,969	3,509
90	79	13 548	5 532,877	20 433,052	3,693	3,233
91	80	10 740	4 342,629	14 900,175	3,431	2,971
92	81	8 288	3 318,107	10 557,546	3,182	2,722
93	82	6 146	2 436,235	7 239,439	2,972	2,512
94	83	4 420	1 734,845	4 803,204	2,769	2,309
95	84	3 044	1 182,763	3 068,360	2,594	2,134
96	85	2 020	777,129	1 885,597	2,426	1,966
97	86	1 265	481,698	1 108,467	2,301	1,841
98	87	766	288,818	626,769	2,170	1,710
99	88	441	164,502	337,951	2,054	1,594
100	89	240	88,901	173,449	1,951	1,491

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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12	0	99 520	88 318,522	4 224 840,071	47,836	47,376
13	1	99 214	87 175,280	4 136 521,549	47,451	46,991
14	2	99 179	86 282,484	4 049 346,269	46,931	46,471
15	3	99 154	85 406,001	3 963 063,785	46,403	45,943
16	4	99 128	84 538,160	3 877 657,784	45,869	45,409
17	5	99 094	83 672,428	3 793 119,624	45,333	44,873
18	6	99 058	82 813,849	3 709 447,196	44,793	44,333
19	7	99 011	81 955,241	3 626 633,348	44,251	43,791
20	8	98 967	81 107,767	3 544 678,107	43,703	43,243
21	9	98 917	80 264,447	3 463 570,340	43,152	42,692
22	10	98 871	79 432,685	3 383 305,893	42,593	42,133
23	11	98 820	78 605,945	3 303 873,208	42,031	41,571
24	12	98 772	77 789,779	3 225 267,262	41,461	41,001
25	13	98 718	76 976,965	3 147 477,483	40,889	40,429
26	14	98 665	76 174,264	3 070 500,518	40,309	39,849
27	15	98 611	75 378,505	2 994 326,254	39,724	39,264
28	16	98 553	74 588,639	2 918 947,750	39,134	38,674
29	17	98 491	73 803,462	2 844 359,110	38,540	38,080
30	18	98 426	73 024,672	2 770 555,648	37,940	37,480
31	19	98 352	72 246,829	2 697 530,976	37,338	36,878
32	20	98 274	71 474,964	2 625 284,147	36,730	36,270
33	21	98 193	70 709,350	2 553 809,183	36,117	35,657
34	22	98 105	69 946,497	2 483 099,833	35,500	35,040
35	23	98 014	69 189,397	2 413 153,336	34,878	34,418
36	24	97 918	68 437,077	2 343 963,939	34,250	33,790
37	25	97 816	67 689,063	2 275 526,862	33,617	33,157
38	26	97 701	66 940,471	2 207 837,799	32,982	32,522
39	27	97 579	66 194,471	2 140 897,327	32,343	31,883
40	28	97 449	65 451,985	2 074 702,856	31,698	31,238
41	29	97 306	64 708,483	2 009 250,872	31,051	30,591
42	30	97 151	63 965,795	1 944 542,389	30,400	29,940
43	31	96 980	63 221,168	1 880 576,594	29,746	29,286
44	32	96 800	62 479,210	1 817 355,426	29,087	28,627
45	33	96 593	61 728,222	1 754 876,216	28,429	27,969
46	34	96 369	60 975,362	1 693 147,994	27,768	27,308
47	35	96 120	60 215,629	1 632 172,632	27,105	26,645
48	36	95 853	59 453,748	1 571 957,003	26,440	25,980
49	37	95 555	58 681,863	1 512 503,254	25,775	25,315
50	38	95 225	57 900,725	1 453 821,391	25,109	24,649
51	39	94 852	57 102,414	1 395 920,666	24,446	23,986
52	40	94 444	56 293,883	1 338 818,252	23,783	23,323
53	41	93 988	55 467,669	1 282 524,368	23,122	22,662
54	42	93 477	54 620,047	1 227 056,700	22,465	22,005
55	43	92 907	53 749,057	1 172 436,653	21,813	21,353
56	44	92 273	52 854,201	1 118 687,595	21,166	20,706
57	45	91 577	51 935,712	1 065 833,394	20,522	20,062
58	46	90 800	50 985,643	1 013 897,682	19,886	19,426
59	47	89 950	50 008,131	962 912,039	19,255	18,795
60	48	89 024	49 003,255	912 903,908	18,629	18,169
61	49	88 008	47 964,501	863 900,653	18,011	17,551
62	50	86 904	46 893,583	815 936,152	17,400	16,940
63	51	85 707	45 789,851	769 042,569	16,795	16,335
64	52	84 413	44 652,222	723 252,718	16,197	15,737
65	53	83 016	43 478,347	678 600,496	15,608	15,148
66	54	81 526	42 275,194	635 122,149	15,024	14,564
67	55	79 941	41 042,653	592 846,954	14,445	13,985
68	56	78 247	39 775,481	551 804,301	13,873	13,413
69	57	76 472	38 488,155	512 028,820	13,304	12,844
70	58	74 565	37 156,666	473 540,665	12,744	12,284
71	59	72 585	35 811,846	436 383,999	12,185	11,725
72	60	70 463	34 420,864	400 572,153	11,637	11,178
73	61	68 256	33 012,617	366 151,289	11,091	10,631
74	62	65 917	31 565,662	333 138,672	10,554	10,094
75	63	63 476	30 095,860	301 573,010	10,020	9,560
76	64	60 928	28 601,683	271 477,150	9,492	9,032
77	65	58 225	27 062,071	242 875,467	8,975	8,515
78	66	55 410	25 498,852	215 813,396	8,464	8,004
79	67	52 427	23 887,295	190 314,544	7,967	7,507
80	68	49 309	22 244,246	166 427,248	7,482	7,022
81	69	46 040	20 563,858	144 183,002	7,011	6,551
82	70	42 571	18 826,304	123 619,144	6,566	6,106
83	71	38 981	17 067,838	104 792,840	6,140	5,680
84	72	35 315	15 309,518	87 725,002	5,730	5,270
85	73	31 591	13 559,617	72 415,483	5,341	4,881
86	74	27 820	11 822,670	58 855,866	4,978	4,518
87	75	24 107	10 143,490	47 033,196	4,637	4,177
88	76	20 520	8 548,703	36 889,706	4,315	3,855
89	77	17 092	7 050,033	28 341,004	4,020	3,560
90	78	13 930	5 689,029	21 290,970	3,742	3,282
91	79	11 088	4 483,475	15 601,941	3,480	3,020
92	80	8 602	3 443,668	11 118,466	3,229	2,769
93	81	6 420	2 544,833	7 674,798	3,016	2,556
94	82	4 650	1 824,959	5 129,965	2,811	2,351
95	83	3 227	1 253,872	3 305,006	2,636	2,176
96	84	2 161	831,299	2 051,134	2,467	2,007
97	85	1 369	521,389	1 219,835	2,340	1,880
98	86	839	316,402	698,446	2,207	1,747
99	87	489	182,769	382,044	2,090	1,630
100	88	271	100,362	199,275	1,986	1,526

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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13	0	99 513	87 438,061	4 143 264,549	47,385	46,925
14	1	99 204	86 303,882	4 055 826,488	46,995	46,535
15	2	99 166	85 416,612	3 969 522,606	46,472	46,013
16	3	99 138	84 546,879	3 884 105,994	45,940	45,480
17	4	99 103	83 680,435	3 799 559,114	45,406	44,946
18	5	99 066	82 821,226	3 715 878,680	44,866	44,406
19	6	99 020	81 962,491	3 633 057,453	44,326	43,866
20	7	98 971	81 111,535	3 551 094,962	43,780	43,320
21	8	98 924	80 270,041	3 469 983,427	43,229	42,769
22	9	98 877	79 437,544	3 389 713,386	42,671	42,211
23	10	98 826	78 610,544	3 310 275,842	42,110	41,650
24	11	98 780	77 795,795	3 231 665,298	41,540	41,080
25	12	98 725	76 983,010	3 153 869,503	40,968	40,508
26	13	98 674	76 181,441	3 076 886,493	40,389	39,929
27	14	98 620	75 385,456	3 000 705,052	39,805	39,345
28	15	98 565	74 597,715	2 925 319,596	39,215	38,755
29	16	98 506	73 814,331	2 850 721,881	38,620	38,160
30	17	98 440	73 034,617	2 776 907,550	38,022	37,562
31	18	98 371	72 261,066	2 703 872,933	37,418	36,958
32	19	98 291	71 487,460	2 631 611,867	36,812	36,352
33	20	98 212	70 722,425	2 560 124,408	36,200	35,740
34	21	98 122	69 958,033	2 489 401,983	35,584	35,124
35	22	98 030	69 200,663	2 419 443,951	34,963	34,503
36	23	97 935	68 449,396	2 350 243,287	34,335	33,876
37	24	97 833	67 701,245	2 281 793,891	33,704	33,244
38	25	97 720	66 953,207	2 214 092,646	33,069	32,609
39	26	97 597	66 206,931	2 147 139,439	32,431	31,971
40	27	97 470	65 466,072	2 080 932,508	31,786	31,326
41	28	97 328	64 723,734	2 015 466,436	31,140	30,680
42	29	97 176	63 982,351	1 950 742,701	30,489	30,029
43	30	97 011	63 241,223	1 886 760,350	29,834	29,374
44	31	96 831	62 498,835	1 823 519,126	29,177	28,717
45	32	96 626	61 749,379	1 761 020,291	28,519	28,059
46	33	96 404	60 997,341	1 699 270,912	27,858	27,398
47	34	96 159	60 240,086	1 638 273,571	27,196	26,736
48	35	95 892	59 478,261	1 578 033,485	26,531	26,071
49	36	95 598	58 708,781	1 518 555,223	25,866	25,406
50	37	95 271	57 928,222	1 459 846,443	25,201	24,741
51	38	94 909	57 136,882	1 401 918,221	24,536	24,076
52	39	94 500	56 327,745	1 344 781,339	23,874	23,414
53	40	94 053	55 505,729	1 288 453,594	23,213	22,753
54	41	93 547	54 660,510	1 232 947,865	22,556	22,096
55	42	92 980	53 791,755	1 178 287,355	21,905	21,445
56	43	92 357	52 902,240	1 124 495,600	21,256	20,796
57	44	91 666	51 986,169	1 071 593,360	20,613	20,153
58	45	90 905	51 044,458	1 019 607,191	19,975	19,515
59	46	90 060	50 069,090	968 562,733	19,345	18,885
60	47	89 146	49 070,496	918 493,643	18,718	18,258
61	48	88 149	48 041,081	869 423,147	18,097	17,638
62	49	87 056	46 975,700	821 382,065	17,485	17,025
63	50	85 866	45 874,867	774 406,366	16,881	16,421
64	51	84 595	44 748,103	728 531,499	16,281	15,821
65	52	83 210	43 580,018	683 783,396	15,690	15,230
66	53	81 736	42 384,023	640 203,377	15,105	14,645
67	54	80 172	41 161,557	597 819,355	14,524	14,064
68	55	78 502	39 904,991	556 657,798	13,950	13,490
69	56	76 746	38 626,320	516 752,807	13,378	12,918
70	57	74 858	37 303,048	478 126,487	12,817	12,357
71	58	72 902	35 968,287	440 823,439	12,256	11,796
72	59	70 796	34 583,627	404 855,153	11,707	11,247
73	60	68 618	33 187,714	370 271,526	11,157	10,697
74	61	66 294	31 746,167	337 083,812	10,618	10,158
75	62	63 868	30 281,621	305 337,645	10,083	9,623
76	63	61 342	28 796,025	275 056,024	9,552	9,092
77	64	58 663	27 265,819	246 259,999	9,032	8,572
78	65	55 855	25 703,722	218 994,180	8,520	8,060
79	66	52 890	24 098,449	193 290,458	8,021	7,561
80	67	49 781	22 457,190	169 192,009	7,534	7,074
81	68	46 527	20 781,349	146 734,819	7,061	6,601
82	69	43 069	19 046,377	125 953,470	6,613	6,153
83	70	39 478	17 285,616	106 907,092	6,185	5,725
84	71	35 805	15 522,200	89 621,477	5,774	5,314
85	72	32 066	13 763,504	74 099,276	5,384	4,924
86	73	28 284	12 019,992	60 335,772	5,020	4,560
87	74	24 545	10 327,770	48 315,780	4,678	4,218
88	75	20 923	8 716,330	37 988,010	4,358	3,898
89	76	17 469	7 205,425	29 271,680	4,062	3,602
90	77	14 270	5 827,708	22 066,256	3,786	3,326
91	78	11 401	4 610,010	16 238,547	3,522	3,062
92	79	8 881	3 555,358	11 628,537	3,271	2,811
93	80	6 663	2 641,132	8 073,179	3,057	2,597
94	81	4 857	1 906,309	5 432,047	2,850	2,390
95	82	3 395	1 319,003	3 525,738	2,673	2,213
96	83	2 291	881,278	2 206,735	2,504	2,044
97	84	1 464	557,733	1 325,457	2,377	1,917
98	85	908	342,473	767,724	2,242	1,782
99	86	536	200,225	425,252	2,124	1,664
100	87	302	111,507	225,027	2,018	1,558

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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14	0	99 503	86 564,037	4 062 030,327	46,925	46,465
15	1	99 191	85 437,796	3 975 466,290	46,531	46,071
16	2	99 150	84 557,383	3 890 028,494	46,005	45,545
17	3	99 113	83 689,065	3 805 471,111	45,472	45,012
18	4	99 076	82 829,152	3 721 782,045	44,933	44,473
19	5	99 028	81 969,793	3 638 952,893	44,394	43,934
20	6	98 980	81 118,710	3 556 983,100	43,849	43,389
21	7	98 929	80 273,770	3 475 864,390	43,300	42,840
22	8	98 884	79 443,080	3 395 590,620	42,742	42,282
23	9	98 832	78 615,353	3 316 147,539	42,182	41,722
24	10	98 786	77 800,346	3 237 532,187	41,613	41,153
25	11	98 733	76 988,963	3 159 731,841	41,041	40,581
26	12	98 682	76 187,424	3 082 742,877	40,463	40,003
27	13	98 629	75 392,559	3 006 555,453	39,879	39,419
28	14	98 574	74 604,594	2 931 162,895	39,289	38,829
29	15	98 517	73 823,313	2 856 558,301	38,695	38,235
30	16	98 454	73 045,372	2 782 734,987	38,096	37,636
31	17	98 384	72 270,906	2 709 689,615	37,494	37,034
32	18	98 310	71 501,547	2 637 418,709	36,886	36,426
33	19	98 229	70 734,788	2 565 917,162	36,275	35,815
34	20	98 140	69 970,969	2 495 182,374	35,660	35,200
35	21	98 046	69 212,076	2 425 211,405	35,040	34,580
36	22	97 951	68 460,542	2 355 999,328	34,414	33,954
37	23	97 851	67 713,431	2 287 538,787	33,783	33,323
38	24	97 738	66 965,257	2 219 825,356	33,149	32,689
39	25	97 616	66 219,528	2 152 860,099	32,511	32,051
40	26	97 488	65 478,395	2 086 640,571	31,868	31,408
41	27	97 349	64 737,665	2 021 162,176	31,221	30,761
42	28	97 199	63 997,432	1 956 424,511	30,570	30,110
43	29	97 036	63 257,592	1 892 427,079	29,916	29,456
44	30	96 861	62 518,661	1 829 169,487	29,258	28,798
45	31	96 656	61 768,775	1 766 650,825	28,601	28,141
46	32	96 437	61 018,248	1 704 882,051	27,941	27,481
47	33	96 194	60 261,801	1 643 863,803	27,279	26,819
48	34	95 931	59 502,419	1 583 602,002	26,614	26,154
49	35	95 638	58 732,986	1 524 099,583	25,950	25,490
50	36	95 314	57 954,794	1 465 366,597	25,285	24,825
51	37	94 954	57 164,016	1 407 411,803	24,621	24,161
52	38	94 557	56 361,745	1 350 247,787	23,957	23,497
53	39	94 109	55 539,116	1 293 886,042	23,297	22,837
54	40	93 611	54 698,016	1 238 346,926	22,640	22,180
55	41	93 049	53 831,604	1 183 648,910	21,988	21,528
56	42	92 431	52 944,265	1 129 817,306	21,340	20,880
57	43	91 749	52 033,419	1 076 873,041	20,696	20,236
58	44	90 993	51 094,049	1 024 839,622	20,058	19,598
59	45	90 164	50 126,848	973 745,573	19,426	18,966
60	46	89 255	49 130,313	923 618,725	18,799	18,339
61	47	88 270	48 107,002	874 488,412	18,178	17,718
62	48	87 195	47 050,701	826 381,410	17,564	17,104
63	49	86 016	45 955,200	779 330,709	16,958	16,499
64	50	84 752	44 831,184	733 375,509	16,359	15,899
65	51	83 389	43 673,597	688 544,324	15,766	15,306
66	52	81 927	42 483,134	644 870,727	15,179	14,719
67	53	80 379	41 267,518	602 387,593	14,597	14,137
68	54	78 729	40 020,598	561 120,074	14,021	13,561
69	55	76 996	38 752,088	521 099,476	13,447	12,987
70	56	75 127	37 436,958	482 347,388	12,884	12,424
71	57	73 189	36 109,987	444 910,430	12,321	11,861
72	58	71 105	34 734,702	408 800,443	11,769	11,309
73	59	68 942	33 344,646	374 065,741	11,218	10,758
74	60	66 645	31 914,547	340 721,095	10,676	10,216
75	61	64 233	30 454,783	308 806,548	10,140	9,680
76	62	61 720	28 973,763	278 351,765	9,607	9,147
77	63	59 062	27 451,084	249 378,002	9,084	8,624
78	64	56 276	25 897,244	221 926,918	8,570	8,110
79	65	53 315	24 292,067	196 029,675	8,070	7,610
80	66	50 221	22 655,702	171 737,607	7,580	7,120
81	67	46 972	20 980,289	149 081,905	7,106	6,646
82	68	43 525	19 247,819	128 101,616	6,655	6,195
83	69	39 940	17 487,679	108 853,798	6,225	5,765
84	70	36 262	15 720,256	91 366,119	5,812	5,352
85	71	32 512	13 954,708	75 645,862	5,421	4,961
86	72	28 709	12 200,728	61 691,154	5,056	4,596
87	73	24 955	10 500,142	49 490,426	4,713	4,253
88	74	21 303	8 874,682	38 990,283	4,393	3,933
89	75	17 811	7 346,712	30 115,601	4,099	3,639
90	76	14 584	5 956,158	22 768,889	3,823	3,363
91	77	11 679	4 722,387	16 812,730	3,560	3,100
92	78	9 131	3 655,700	12 090,344	3,307	2,847
93	79	6 879	2 726,793	8 434,644	3,093	2,633
94	80	5 041	1 978,446	5 707,851	2,885	2,425
95	81	3 546	1 377,799	3 729,405	2,707	2,247
96	82	2 410	927,055	2 351,606	2,537	2,077
97	83	1 552	591,264	1 424,551	2,409	1,949
98	84	971	366,345	833,287	2,275	1,815
99	85	580	216,723	466,942	2,155	1,695
100	86	330	122,156	250,220	2,048	1,588

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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15	0	99 490	85 695,340	3 981 175,180	46,457	45,997
16	1	99 175	84 578,354	3 895 479,840	46,058	45,598
17	2	99 126	83 699,463	3 810 901,487	45,531	45,071
18	3	99 086	82 837,695	3 727 202,024	44,994	44,534
19	4	99 038	81 977,637	3 644 364,329	44,456	43,996
20	5	98 989	81 125,937	3 562 386,691	43,912	43,452
21	6	98 937	80 280,872	3 481 260,754	43,364	42,904
22	7	98 889	79 446,771	3 400 979,883	42,808	42,348
23	8	98 839	78 620,831	3 321 533,112	42,247	41,788
24	9	98 792	77 805,106	3 242 912,280	41,680	41,220
25	10	98 739	76 993,467	3 165 107,175	41,109	40,649
26	11	98 690	76 193,315	3 088 113,707	40,530	40,070
27	12	98 637	75 398,479	3 011 920,392	39,947	39,487
28	13	98 584	74 611,624	2 936 521,913	39,357	38,897
29	14	98 527	73 830,121	2 861 910,289	38,763	38,303
30	15	98 466	73 054,261	2 788 080,168	38,165	37,705
31	16	98 399	72 281,550	2 715 025,908	37,562	37,102
32	17	98 324	71 511,284	2 642 744,358	36,956	36,496
33	18	98 248	70 748,727	2 571 233,074	36,343	35,883
34	19	98 157	69 983,201	2 500 484,347	35,730	35,270
35	20	98 064	69 224,875	2 430 501,146	35,110	34,650
36	21	97 967	68 471,833	2 361 276,271	34,485	34,025
37	22	97 867	67 724,457	2 292 804,439	33,855	33,395
38	23	97 755	66 977,310	2 225 079,981	33,221	32,761
39	24	97 633	66 231,445	2 158 102,671	32,584	32,124
40	25	97 507	65 490,853	2 091 871,226	31,941	31,481
41	26	97 368	64 749,851	2 026 380,373	31,296	30,836
42	27	97 220	64 011,206	1 961 630,523	30,645	30,185
43	28	97 059	63 272,502	1 897 619,316	29,991	29,531
44	29	96 886	62 534,844	1 834 346,814	29,333	28,873
45	30	96 687	61 788,369	1 771 811,971	28,675	28,216
46	31	96 467	61 037,414	1 710 023,601	28,016	27,556
47	32	96 227	60 282,455	1 648 986,188	27,354	26,894
48	33	95 966	59 523,867	1 588 703,732	26,690	26,230
49	34	95 677	58 756,841	1 529 179,865	26,026	25,566
50	35	95 354	57 978,689	1 470 423,024	25,361	24,901
51	36	94 997	57 190,238	1 412 444,335	24,697	24,237
52	37	94 602	56 388,510	1 355 254,097	24,034	23,574
53	38	94 166	55 572,640	1 298 865,587	23,372	22,912
54	39	93 667	54 730,918	1 243 292,947	22,716	22,256
55	40	93 113	53 868,542	1 188 562,029	22,064	21,604
56	41	92 499	52 983,486	1 134 693,487	21,416	20,956
57	42	91 822	52 074,754	1 081 710,001	20,772	20,312
58	43	91 076	51 140,488	1 029 635,248	20,133	19,673
59	44	90 251	50 175,548	978 494,760	19,501	19,041
60	45	89 358	49 186,988	928 319,212	18,873	18,413
61	46	88 377	48 165,645	879 132,224	18,252	17,792
62	47	87 315	47 115,263	830 966,579	17,637	17,177
63	48	86 154	46 028,572	783 851,316	17,030	16,570
64	49	84 900	44 909,690	737 822,745	16,429	15,969
65	50	83 544	43 754,684	692 913,055	15,836	15,376
66	51	82 103	42 574,358	649 158,371	15,248	14,788
67	52	80 567	41 364,019	606 584,013	14,665	14,205
68	53	78 932	40 123,623	565 219,994	14,087	13,627
69	54	77 219	38 864,355	525 096,371	13,511	13,051
70	55	75 372	37 558,854	486 232,016	12,946	12,486
71	56	73 452	36 239,614	448 673,162	12,381	11,921
72	57	71 386	34 871,543	412 433,548	11,827	11,367
73	58	69 244	33 490,309	377 562,005	11,274	10,814
74	59	66 961	32 065,458	344 071,696	10,730	10,270
75	60	64 574	30 616,314	312 006,238	10,191	9,731
76	61	62 073	29 139,446	281 389,924	9,657	9,197
77	62	59 426	27 620,520	252 250,478	9,133	8,673
78	63	56 658	26 073,209	224 629,958	8,615	8,155
79	64	53 717	24 474,961	198 556,749	8,113	7,653
80	65	50 625	22 837,729	174 081,788	7,623	7,163
81	66	47 388	21 165,745	151 244,059	7,146	6,686
82	67	43 941	19 432,078	130 078,314	6,694	6,234
83	68	40 362	17 672,635	110 646,236	6,261	5,801
84	69	36 686	15 904,021	92 973,601	5,846	5,386
85	70	32 926	14 132,764	77 069,580	5,453	4,993
86	71	29 108	12 370,222	62 936,816	5,088	4,628
87	72	25 330	10 658,026	50 566,593	4,744	4,284
88	73	21 658	9 022,802	39 908,568	4,423	3,963
89	74	18 135	7 480,183	30 885,765	4,129	3,669
90	75	14 870	6 072,949	23 405,583	3,854	3,394
91	76	11 936	4 826,474	17 332,633	3,591	3,131
92	77	9 354	3 744,813	12 506,159	3,340	2,880
93	78	7 073	2 803,751	8 761,346	3,125	2,665
94	79	5 205	2 042,614	5 957,596	2,917	2,457
95	80	3 680	1 429,937	3 914,982	2,738	2,278
96	81	2 517	968,379	2 485,045	2,566	2,106
97	82	1 633	621,977	1 516,666	2,438	1,978
98	83	1 030	388,370	894,690	2,304	1,844
99	84	621	231,829	506,320	2,184	1,724
100	85	358	132,222	274,490	2,076	1,616

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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16	0	99 474	84 833,307	3 900 734,287	45,981	45,521
17	1	99 150	83 720,221	3 815 900,980	45,579	45,119
18	2	99 098	82 847,987	3 732 180,760	45,049	44,589
19	3	99 048	81 986,092	3 649 332,773	44,512	44,052
20	4	98 999	81 133,700	3 567 346,681	43,969	43,509
21	5	98 946	80 288,024	3 486 212,980	43,421	42,961
22	6	98 897	79 453,799	3 405 924,956	42,867	42,407
23	7	98 844	78 624,484	3 326 471,157	42,308	41,848
24	8	98 799	77 810,528	3 247 846,673	41,740	41,280
25	9	98 745	76 998,177	3 170 036,145	41,170	40,710
26	10	98 696	76 197,773	3 093 037,968	40,592	40,132
27	11	98 645	75 404,310	3 016 840,195	40,009	39,549
28	12	98 591	74 617,483	2 941 435,885	39,420	38,960
29	13	98 536	73 837,077	2 866 818,402	38,826	38,366
30	14	98 475	73 060,997	2 792 981,325	38,228	37,768
31	15	98 411	72 290,345	2 719 920,328	37,625	37,165
32	16	98 338	71 521,815	2 647 629,983	37,018	36,559
33	17	98 261	70 758,362	2 576 108,168	36,407	35,947
34	18	98 176	69 996,992	2 505 349,806	35,792	35,332
35	19	98 081	69 236,977	2 435 352,814	35,174	34,714
36	20	97 985	68 484,494	2 366 115,838	34,550	34,090
37	21	97 883	67 735,627	2 297 631,344	33,921	33,461
38	22	97 771	66 988,217	2 229 895,717	33,288	32,828
39	23	97 651	66 243,367	2 162 907,500	32,651	32,191
40	24	97 525	65 502,639	2 096 664,134	32,009	31,549
41	25	97 386	64 762,170	2 031 161,495	31,363	30,903
42	26	97 238	64 023,255	1 966 399,325	30,714	30,254
43	27	97 080	63 286,120	1 902 376,070	30,060	29,600
44	28	96 909	62 549,583	1 839 089,949	29,402	28,942
45	29	96 712	61 804,363	1 776 540,366	28,745	28,285
46	30	96 498	61 056,777	1 714 736,004	28,084	27,624
47	31	96 257	60 301,390	1 653 679,227	27,424	26,964
48	32	95 999	59 544,269	1 593 377,837	26,760	26,300
49	33	95 711	58 778,021	1 533 833,568	26,095	25,635
50	34	95 392	58 002,237	1 475 055,548	25,431	24,971
51	35	95 037	57 213,817	1 417 053,310	24,768	24,308
52	36	94 646	56 414,376	1 359 839,493	24,104	23,645
53	37	94 211	55 599,031	1 303 425,117	23,443	22,983
54	38	93 724	54 763,954	1 247 826,086	22,786	22,326
55	39	93 169	53 900,944	1 193 062,132	22,134	21,674
56	40	92 563	53 019,842	1 139 161,188	21,486	21,026
57	41	91 890	52 113,331	1 086 141,346	20,842	20,382
58	42	91 148	51 181,113	1 034 028,015	20,203	19,743
59	43	90 333	50 221,152	982 846,901	19,570	19,110
60	44	89 445	49 234,774	932 625,750	18,942	18,482
61	45	88 479	48 221,207	883 390,976	18,320	17,860
62	46	87 421	47 172,697	835 169,769	17,705	17,245
63	47	86 272	46 091,731	787 997,072	17,096	16,636
64	48	85 036	44 981,392	741 905,341	16,494	16,034
65	49	83 690	43 831,304	696 923,949	15,900	15,440
66	50	82 255	42 653,404	653 092,645	15,312	14,852
67	51	80 740	41 452,840	610 439,241	14,726	14,266
68	52	79 117	40 217,449	568 986,401	14,148	13,688
69	53	77 418	38 964,403	528 768,953	13,571	13,111
70	54	75 590	37 667,664	489 804,550	13,003	12,543
71	55	73 691	36 357,611	452 136,886	12,436	11,976
72	56	71 642	34 996,725	415 779,274	11,881	11,421
73	57	69 516	33 622,247	380 782,549	11,325	10,865
74	58	67 253	32 205,533	347 160,303	10,780	10,320
75	59	64 879	30 761,086	314 954,769	10,239	9,779
76	60	62 403	29 294,000	284 193,683	9,701	9,241
77	61	59 766	27 778,465	254 899,683	9,176	8,716
78	62	57 008	26 234,141	227 121,217	8,657	8,197
79	63	54 082	24 641,262	200 887,076	8,152	7,692
80	64	51 006	23 009,673	176 245,814	7,660	7,200
81	65	47 768	21 335,801	153 236,142	7,182	6,722
82	66	44 330	19 603,849	131 900,340	6,728	6,268
83	67	40 749	17 841,815	112 296,492	6,294	5,834
84	68	37 074	16 072,228	94 454,677	5,877	5,417
85	69	33 311	14 297,971	78 382,449	5,482	5,022
86	70	29 480	12 528,061	64 084,477	5,115	4,655
87	71	25 682	10 806,088	51 556,416	4,771	4,311
88	72	21 984	9 158,472	40 750,328	4,449	3,989
89	73	18 438	7 605,028	31 591,856	4,154	3,694
90	74	15 141	6 183,279	23 986,828	3,879	3,419
91	75	12 171	4 921,114	17 803,550	3,618	3,158
92	76	9 560	3 827,353	12 882,436	3,366	2,906
93	77	7 246	2 872,096	9 055,082	3,153	2,693
94	78	5 352	2 100,262	6 182,986	2,944	2,484
95	79	3 799	1 476,314	4 082,724	2,765	2,306
96	80	2 612	1 005,024	2 606,410	2,593	2,133
97	81	1 706	649,702	1 601,386	2,465	2,005
98	82	1 083	408,543	951,684	2,329	1,869
99	83	658	245,767	543,141	2,210	1,750
100	84	383	141,438	297,374	2,102	1,643

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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17	0	99 449	83 972,587	3 820 737,967	45,500	45,040
18	1	99 123	82 868,533	3 736 765,380	45,093	44,633
19	2	99 060	81 996,278	3 653 896,847	44,562	44,102
20	3	99 009	81 142,068	3 571 900,569	44,020	43,560
21	4	98 956	80 295,707	3 490 758,500	43,474	43,014
22	5	98 906	79 460,878	3 410 462,793	42,920	42,460
23	6	98 853	78 631,440	3 331 001,916	42,362	41,902
24	7	98 803	77 814,143	3 252 370,476	41,797	41,337
25	8	98 752	77 003,543	3 174 556,333	41,226	40,766
26	9	98 702	76 202,434	3 097 552,790	40,649	40,189
27	10	98 650	75 408,721	3 021 350,356	40,066	39,606
28	11	98 599	74 623,254	2 945 941,635	39,478	39,018
29	12	98 544	73 842,876	2 871 318,381	38,884	38,424
30	13	98 484	73 067,881	2 797 475,506	38,286	37,826
31	14	98 420	72 297,011	2 724 407,624	37,684	37,224
32	15	98 350	71 530,518	2 652 110,613	37,077	36,617
33	16	98 276	70 768,782	2 580 580,095	36,465	36,005
34	17	98 190	70 006,524	2 509 811,313	35,851	35,391
35	18	98 101	69 250,620	2 439 804,789	35,232	34,772
36	19	98 003	68 496,466	2 370 554,169	34,608	34,148
37	20	97 901	67 748,152	2 302 057,702	33,980	33,520
38	21	97 787	66 999,265	2 234 309,550	33,348	32,888
39	22	97 667	66 254,153	2 167 310,286	32,712	32,252
40	23	97 542	65 514,429	2 101 056,132	32,070	31,610
41	24	97 404	64 773,825	2 035 541,703	31,425	30,965
42	25	97 256	64 035,436	1 970 767,878	30,776	30,316
43	26	97 098	63 298,033	1 906 732,442	30,123	29,663
44	27	96 930	62 563,045	1 843 434,409	29,465	29,005
45	28	96 735	61 818,930	1 780 871,363	28,808	28,348
46	29	96 523	61 072,580	1 719 052,434	28,148	27,688
47	30	96 287	60 320,519	1 657 979,853	27,486	27,026
48	31	96 029	59 562,972	1 597 659,334	26,823	26,363
49	32	95 744	58 798,167	1 538 096,363	26,159	25,699
50	33	95 427	58 023,145	1 479 298,196	25,495	25,035
51	34	95 075	57 237,055	1 421 275,051	24,831	24,371
52	35	94 685	56 437,636	1 364 037,996	24,169	23,709
53	36	94 254	55 624,535	1 307 600,360	23,508	23,048
54	37	93 768	54 789,961	1 251 975,825	22,850	22,390
55	38	93 225	53 933,480	1 197 185,864	22,197	21,737
56	39	92 618	53 051,734	1 143 252,384	21,550	21,090
57	40	91 953	52 149,090	1 090 200,651	20,905	20,445
58	41	91 216	51 219,029	1 038 051,561	20,267	19,807
59	42	90 405	50 261,047	986 832,533	19,634	19,174
60	43	89 526	49 279,523	936 571,486	19,005	18,545
61	44	88 565	48 268,055	887 291,962	18,383	17,923
62	45	87 522	47 227,113	839 023,908	17,766	17,306
63	46	86 377	46 147,917	791 796,794	17,158	16,698
64	47	85 152	45 043,115	745 648,877	16,554	16,094
65	48	83 824	43 901,285	700 605,763	15,959	15,499
66	49	82 399	42 728,095	656 704,478	15,369	14,909
67	50	80 889	41 529,803	613 976,382	14,784	14,324
68	51	79 287	40 303,808	572 446,580	14,203	13,743
69	52	77 599	39 055,518	532 142,772	13,625	13,165
70	53	75 785	37 764,631	493 087,254	13,057	12,597
71	54	73 904	36 462,942	455 322,623	12,487	12,027
72	55	71 875	35 110,675	418 859,681	11,930	11,470
73	56	69 766	33 742,944	383 749,006	11,373	10,913
74	57	67 518	32 332,410	350 006,062	10,825	10,365
75	58	65 163	30 895,464	317 673,652	10,282	9,822
76	59	62 698	29 432,520	286 778,188	9,744	9,284
77	60	60 083	27 925,801	257 345,668	9,215	8,755
78	61	57 334	26 384,158	229 419,868	8,695	8,235
79	62	54 416	24 793,355	203 035,709	8,189	7,729
80	63	51 352	23 166,018	178 242,354	7,694	7,234
81	64	48 128	21 496,437	155 076,336	7,214	6,754
82	65	44 686	19 761,356	133 579,899	6,760	6,300
83	66	41 109	17 999,529	113 818,544	6,323	5,863
84	67	37 429	16 226,087	95 819,015	5,905	5,445
85	68	33 664	14 449,192	79 592,928	5,508	5,048
86	69	29 824	12 674,510	65 143,736	5,140	4,680
87	70	26 010	10 943,969	52 469,226	4,794	4,334
88	71	22 289	9 285,703	41 525,257	4,472	4,012
89	72	18 715	7 719,380	32 239,554	4,176	3,716
90	73	15 393	6 286,479	24 520,175	3,900	3,440
91	74	12 392	5 010,517	18 233,696	3,639	3,179
92	75	9 748	3 902,402	13 223,179	3,388	2,928
93	76	7 406	2 935,401	9 320,777	3,175	2,715
94	77	5 482	2 151,459	6 385,376	2,968	2,508
95	78	3 907	1 517,980	4 233,917	2,789	2,329
96	79	2 697	1 037,620	2 715,937	2,617	2,157
97	80	1 770	674,287	1 678,317	2,489	2,029
98	81	1 132	426,755	1 004,029	2,353	1,893
99	82	692	258,533	577,275	2,233	1,773
100	83	406	149,942	318,742	2,126	1,666

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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18	0	99 422	83 118,332	3 741 218,695	45,011	44,551
19	1	99 085	82 016,614	3 658 100,363	44,602	44,142
20	2	99 021	81 152,150	3 576 083,749	44,066	43,606
21	3	98 966	80 303,989	3 494 931,600	43,521	43,061
22	4	98 916	79 468,482	3 414 627,611	42,968	42,508
23	5	98 861	78 638,445	3 335 159,129	42,411	41,951
24	6	98 812	77 821,027	3 256 520,684	41,846	41,386
25	7	98 756	77 007,121	3 178 699,658	41,278	40,818
26	8	98 709	76 207,745	3 101 692,537	40,700	40,241
27	9	98 656	75 413,334	3 025 484,792	40,119	39,659
28	10	98 605	74 627,619	2 950 071,458	39,531	39,071
29	11	98 551	73 848,586	2 875 443,839	38,937	38,477
30	12	98 492	73 073,619	2 801 595,253	38,339	37,879
31	13	98 429	72 303,823	2 728 521,634	37,737	37,277
32	14	98 359	71 537,114	2 656 217,811	37,131	36,671
33	15	98 288	70 777,394	2 584 680,696	36,518	36,058
34	16	98 204	70 016,834	2 513 903,303	35,904	35,444
35	17	98 114	69 260,051	2 443 886,469	35,286	34,826
36	18	98 022	68 509,964	2 374 626,418	34,661	34,201
37	19	97 918	67 759,996	2 306 116,454	34,034	33,574
38	20	97 805	67 011,654	2 238 356,458	33,402	32,943
39	21	97 683	66 265,080	2 171 344,805	32,768	32,308
40	22	97 558	65 525,097	2 105 079,724	32,126	31,666
41	23	97 421	64 785,484	2 039 554,627	31,482	31,022
42	24	97 274	64 046,961	1 974 769,143	30,833	30,373
43	25	97 116	63 310,076	1 910 722,182	30,180	29,720
44	26	96 948	62 574,822	1 847 412,106	29,523	29,063
45	27	96 756	61 832,235	1 784 837,285	28,866	28,406
46	28	96 545	61 086,975	1 723 005,050	28,206	27,746
47	29	96 312	60 336,132	1 661 918,075	27,544	27,084
48	30	96 059	59 581,867	1 601 581,942	26,880	26,420
49	31	95 774	58 816,635	1 542 000,075	26,217	25,757
50	32	95 459	58 043,032	1 483 183,440	25,553	25,093
51	33	95 109	57 257,687	1 425 140,408	24,890	24,430
52	34	94 723	56 460,559	1 367 882,721	24,227	23,767
53	35	94 293	55 647,469	1 311 422,162	23,567	23,107
54	36	93 811	54 815,093	1 255 774,694	22,909	22,449
55	37	93 270	53 959,092	1 200 959,600	22,257	21,797
56	38	92 674	53 083,756	1 147 000,508	21,607	21,147
57	39	92 008	52 180,458	1 093 916,752	20,964	20,504
58	40	91 279	51 254,174	1 041 736,294	20,325	19,865
59	41	90 472	50 298,281	990 482,121	19,692	19,232
60	42	89 597	49 318,670	940 183,840	19,063	18,603
61	43	88 646	48 311,925	890 865,169	18,440	17,980
62	44	87 607	47 272,995	842 553,244	17,823	17,363
63	45	86 477	46 201,152	795 280,249	17,213	16,753
64	46	85 256	45 098,022	749 079,097	16,610	16,150
65	47	83 939	43 961,525	703 981,075	16,014	15,554
66	48	82 531	42 796,315	660 019,550	15,422	14,962
67	49	81 031	41 602,527	617 223,235	14,836	14,376
68	50	79 434	40 378,637	575 620,708	14,256	13,796
69	51	77 766	39 139,382	535 242,071	13,675	13,215
70	52	75 962	37 852,941	496 102,689	13,106	12,646
71	53	74 094	36 556,808	458 249,748	12,535	12,075
72	54	72 083	35 212,393	421 692,940	11,976	11,516
73	55	69 993	33 852,812	386 480,547	11,416	10,957
74	56	67 760	32 448,477	352 627,736	10,867	10,407
75	57	65 419	31 017,179	320 179,259	10,323	9,863
76	58	62 972	29 561,093	289 162,080	9,782	9,322
77	59	60 367	28 057,851	259 600,986	9,252	8,792
78	60	57 638	26 524,098	231 543,135	8,730	8,270
79	61	54 727	24 935,133	205 019,037	8,222	7,762
80	62	51 669	23 309,006	180 083,903	7,726	7,266
81	63	48 455	21 642,500	156 774,898	7,244	6,784
82	64	45 022	19 910,138	135 132,398	6,787	6,327
83	65	41 439	18 144,146	115 222,260	6,350	5,890
84	66	37 760	16 369,519	97 078,115	5,930	5,470
85	67	33 986	14 587,514	80 708,596	5,533	5,073
86	68	30 140	12 808,560	66 121,082	5,162	4,702
87	69	26 314	11 071,900	53 312,522	4,815	4,355
88	70	22 574	9 404,184	42 240,622	4,492	4,032
89	71	18 975	7 826,618	32 836,438	4,195	3,736
90	72	15 625	6 381,004	25 009,820	3,919	3,459
91	73	12 598	5 094,144	18 628,815	3,657	3,197
92	74	9 925	3 973,298	13 534,672	3,406	2,946
93	75	7 551	2 992,960	9 561,373	3,195	2,735
94	76	5 603	2 198,880	6 568,414	2,987	2,527
95	77	4 002	1 554,983	4 369,534	2,810	2,350
96	78	2 773	1 066,905	2 814,551	2,638	2,178
97	79	1 828	696,157	1 747,646	2,510	2,050
98	80	1 174	442,903	1 051,489	2,374	1,914
99	81	723	270,058	608,586	2,254	1,794
100	82	427	157,730	338,528	2,146	1,686

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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19	0	99 384	82 263,845	3 662 200,821	44,518	44,058
20	1	99 046	81 172,276	3 579 936,976	44,103	43,643
21	2	98 978	80 313,966	3 498 764,700	43,564	43,104
22	3	98 926	79 476,678	3 418 450,735	43,012	42,552
23	4	98 871	78 645,970	3 338 974,057	42,456	41,996
24	5	98 821	77 827,960	3 260 328,086	41,891	41,431
25	6	98 765	77 013,933	3 182 500,127	41,324	40,864
26	7	98 713	76 211,285	3 105 486,194	40,748	40,288
27	8	98 663	75 418,590	3 029 274,909	40,166	39,706
28	9	98 611	74 632,184	2 953 856,319	39,579	39,119
29	10	98 557	73 852,906	2 879 224,135	38,986	38,526
30	11	98 500	73 079,270	2 805 371,229	38,388	37,928
31	12	98 437	72 309,501	2 732 291,958	37,786	37,326
32	13	98 369	71 543,855	2 659 982,457	37,180	36,720
33	14	98 297	70 783,920	2 588 438,602	36,568	36,108
34	15	98 216	70 025,354	2 517 654,682	35,953	35,493
35	16	98 128	69 270,251	2 447 629,328	35,334	34,875
36	17	98 035	68 519,294	2 378 359,078	34,711	34,251
37	18	97 938	67 773,348	2 309 839,784	34,082	33,622
38	19	97 822	67 023,369	2 242 066,436	33,452	32,992
39	20	97 701	66 277,334	2 175 043,067	32,817	32,357
40	21	97 574	65 535,904	2 108 765,733	32,177	31,717
41	22	97 437	64 796,034	2 043 229,829	31,533	31,073
42	23	97 291	64 058,489	1 978 433,796	30,885	30,425
43	24	97 134	63 321,470	1 914 375,307	30,233	29,773
44	25	96 967	62 586,727	1 851 053,837	29,576	29,116
45	26	96 774	61 843,874	1 788 467,110	28,919	28,459
46	27	96 566	61 100,123	1 726 623,236	28,259	27,799
47	28	96 335	60 350,353	1 665 523,113	27,598	27,138
48	29	96 084	59 597,289	1 605 172,760	26,934	26,474
49	30	95 804	58 835,294	1 545 575,471	26,270	25,810
50	31	95 489	58 061,263	1 486 740,177	25,606	25,146
51	32	95 142	57 277,312	1 428 678,914	24,943	24,483
52	33	94 757	56 480,911	1 371 401,602	24,281	23,821
53	34	94 331	55 670,070	1 314 920,691	23,620	23,160
54	35	93 850	54 837,694	1 259 250,621	22,963	22,503
55	36	93 312	53 983,844	1 204 412,927	22,311	21,851
56	37	92 718	53 108,965	1 150 429,084	21,662	21,202
57	38	92 064	52 211,954	1 097 320,118	21,017	20,557
58	39	91 333	51 285,003	1 045 108,164	20,378	19,918
59	40	90 534	50 332,794	993 823,161	19,745	19,285
60	41	89 663	49 355,206	943 490,367	19,116	18,656
61	42	88 716	48 350,304	894 135,161	18,493	18,033
62	43	87 687	47 315,961	845 784,857	17,875	17,415
63	44	86 561	46 246,037	798 468,896	17,266	16,806
64	45	85 354	45 150,046	752 222,859	16,661	16,201
65	46	84 041	44 015,114	707 072,813	16,064	15,604
66	47	82 644	42 855,039	663 057,699	15,472	15,012
67	48	81 160	41 668,949	620 202,659	14,884	14,424
68	49	79 573	40 449,346	578 533,710	14,303	13,843
69	50	77 910	39 212,050	538 084,364	13,722	13,262
70	51	76 125	37 934,223	498 872,315	13,151	12,691
71	52	74 268	36 642,293	460 938,092	12,579	12,119
72	53	72 269	35 303,039	424 295,799	12,019	11,559
73	54	70 196	33 950,885	388 992,760	11,458	10,998
74	55	67 981	32 554,130	355 041,875	10,906	10,446
75	56	65 654	31 128,525	322 487,745	10,360	9,900
76	57	63 220	29 677,552	291 359,220	9,817	9,358
77	58	60 631	28 180,419	261 681,668	9,286	8,826
78	59	57 910	26 649,521	233 501,249	8,762	8,302
79	60	55 017	25 067,388	206 851,728	8,252	7,792
80	61	51 965	23 442,296	181 784,340	7,755	7,295
81	62	48 754	21 776,084	158 342,045	7,271	6,811
82	63	45 328	20 045,422	136 565,961	6,813	6,353
83	64	41 751	18 280,752	116 520,539	6,374	5,914
84	65	38 063	16 501,039	98 239,787	5,954	5,494
85	66	34 286	14 716,461	81 738,748	5,554	5,094
86	67	30 428	12 931,176	67 022,287	5,183	4,723
87	68	26 592	11 189,001	54 091,110	4,834	4,374
88	69	22 838	9 514,116	42 902,110	4,509	4,049
89	70	19 217	7 926,482	33 387,994	4,212	3,752
90	71	15 842	6 469,650	25 461,511	3,936	3,476
91	72	12 788	5 170,741	18 991,862	3,673	3,213
92	73	10 090	4 039,613	13 821,121	3,421	2,961
93	74	7 688	3 047,334	9 781,507	3,210	2,750
94	75	5 713	2 241,996	6 734,174	3,004	2,544
95	76	4 090	1 589,257	4 492,177	2,827	2,367
96	77	2 841	1 092,912	2 902,920	2,656	2,196
97	78	1 879	715,804	1 810,008	2,529	2,069
98	79	1 212	457,268	1 094,204	2,393	1,933
99	80	751	280,277	636,936	2,273	1,813
100	81	446	164,761	356,659	2,165	1,705

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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20	0	99 344	81 416,961	3 583 712,804	44,017	43,557
21	1	99 003	80 333,884	3 502 295,843	43,597	43,137
22	2	98 938	79 486,552	3 421 961,959	43,051	42,591
23	3	98 881	78 654,082	3 342 475,407	42,496	42,036
24	4	98 830	77 835,407	3 263 821,325	41,932	41,472
25	5	98 774	77 020,794	3 185 985,918	41,365	40,905
26	6	98 722	76 218,027	3 108 965,124	40,790	40,330
27	7	98 668	75 422,094	3 032 747,097	40,210	39,750
28	8	98 618	74 637,385	2 957 325,003	39,623	39,163
29	9	98 563	73 857,424	2 882 687,618	39,030	38,570
30	10	98 506	73 083,545	2 808 830,194	38,433	37,973
31	11	98 445	72 315,093	2 735 746,648	37,831	37,371
32	12	98 376	71 549,473	2 663 431,555	37,225	36,765
33	13	98 306	70 790,590	2 591 882,082	36,613	36,153
34	14	98 225	70 031,811	2 521 091,492	35,999	35,539
35	15	98 140	69 278,680	2 451 059,681	35,380	34,920
36	16	98 050	68 529,384	2 381 781,002	34,756	34,296
37	17	97 951	67 782,578	2 313 251,617	34,128	33,668
38	18	97 842	67 036,576	2 245 469,039	33,496	33,036
39	19	97 718	66 288,920	2 178 432,463	32,863	32,403
40	20	97 592	65 548,022	2 112 143,543	32,223	31,763
41	21	97 453	64 806,720	2 046 595,521	31,580	31,120
42	22	97 307	64 068,920	1 981 788,801	30,932	30,472
43	23	97 151	63 332,867	1 917 719,881	30,280	29,820
44	24	96 984	62 597,991	1 854 387,013	29,624	29,164
45	25	96 792	61 855,640	1 791 789,022	28,967	28,507
46	26	96 584	61 111,624	1 729 933,382	28,308	27,848
47	27	96 356	60 363,343	1 668 821,758	27,646	27,186
48	28	96 107	59 611,336	1 608 458,416	26,982	26,522
49	29	95 829	58 850,522	1 548 847,080	26,318	25,858
50	30	95 520	58 079,682	1 489 996,558	25,654	25,194
51	31	95 172	57 295,302	1 431 916,875	24,992	24,532
52	32	94 790	56 500,269	1 374 621,573	24,329	23,869
53	33	94 365	55 690,137	1 318 121,304	23,669	23,209
54	34	93 888	54 859,967	1 262 431,166	23,012	22,552
55	35	93 351	54 006,101	1 207 571,200	22,360	21,900
56	36	92 761	53 133,327	1 153 565,098	21,711	21,251
57	37	92 107	52 236,749	1 100 431,772	21,066	20,606
58	38	91 389	51 315,960	1 048 195,022	20,426	19,966
59	39	90 589	50 363,069	996 879,063	19,794	19,334
60	40	89 725	49 389,072	946 515,993	19,164	18,705
61	41	88 782	48 386,122	897 126,921	18,541	18,081
62	42	87 756	47 353,549	848 740,799	17,923	17,464
63	43	86 639	46 288,070	801 387,251	17,313	16,853
64	44	85 437	45 193,910	755 099,181	16,708	16,248
65	45	84 138	44 065,889	709 905,271	16,110	15,650
66	46	82 745	42 907,279	665 839,382	15,518	15,058
67	47	81 272	41 726,127	622 932,103	14,929	14,469
68	48	79 700	40 513,927	581 205,976	14,346	13,886
69	49	78 047	39 280,715	540 692,049	13,765	13,305
70	50	76 266	38 004,653	501 411,334	13,193	12,733
71	51	74 427	36 720,975	463 406,681	12,620	12,160
72	52	72 438	35 385,593	426 685,707	12,058	11,598
73	53	70 377	34 038,285	391 300,114	11,496	11,036
74	54	68 178	32 648,441	357 261,829	10,943	10,483
75	55	65 868	31 229,880	324 613,388	10,394	9,934
76	56	63 447	29 784,088	293 383,508	9,850	9,390
77	57	60 870	28 291,439	263 599,420	9,317	8,857
78	58	58 163	26 765,937	235 307,982	8,791	8,331
79	59	55 277	25 185,922	208 542,045	8,280	7,820
80	60	52 241	23 566,632	183 356,123	7,780	7,320
81	61	49 033	21 900,608	159 789,491	7,296	6,836
82	62	45 608	20 169,148	137 888,882	6,837	6,377
83	63	42 035	18 404,965	117 719,734	6,396	5,936
84	64	38 350	16 625,274	99 314,769	5,974	5,514
85	65	34 562	14 834,700	82 689,494	5,574	5,114
86	66	30 697	13 045,482	67 854,794	5,201	4,741
87	67	26 847	11 296,113	54 809,312	4,852	4,392
88	68	23 079	9 614,741	43 513,199	4,526	4,066
89	69	19 442	8 019,140	33 898,458	4,227	3,767
90	70	16 044	6 552,200	25 879,318	3,950	3,490
91	71	12 966	5 242,574	19 327,119	3,687	3,227
92	72	10 242	4 100,354	14 084,545	3,435	2,975
93	73	7 816	3 098,194	9 984,191	3,223	2,763
94	74	5 817	2 282,727	6 885,996	3,017	2,557
95	75	4 170	1 620,420	4 603,269	2,841	2,381
96	76	2 903	1 117,001	2 982,849	2,670	2,210
97	77	1 925	733,253	1 865,848	2,545	2,085
98	78	1 247	470,174	1 132,595	2,409	1,949
99	79	775	289,367	662,421	2,289	1,829
100	80	463	170,996	373,054	2,182	1,722

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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21	0	99 301	80 576,042	3 505 772,907	43,509	43,049
22	1	98 963	79 506,265	3 425 196,865	43,081	42,621
23	2	98 893	78 663,854	3 345 690,600	42,531	42,072
24	3	98 841	77 843,435	3 267 026,746	41,969	41,509
25	4	98 783	77 028,165	3 189 183,311	41,403	40,943
26	5	98 731	76 224,817	3 112 155,146	40,829	40,369
27	6	98 677	75 428,766	3 035 930,329	40,249	39,789
28	7	98 622	74 640,853	2 960 501,563	39,663	39,203
29	8	98 570	73 862,571	2 885 860,710	39,071	38,611
30	9	98 512	73 088,016	2 811 998,139	38,474	38,014
31	10	98 450	72 319,323	2 738 910,123	37,872	37,412
32	11	98 384	71 555,006	2 666 590,799	37,266	36,806
33	12	98 314	70 796,149	2 595 035,793	36,655	36,195
34	13	98 234	70 038,410	2 524 239,644	36,041	35,581
35	14	98 149	69 285,068	2 454 201,234	35,422	34,962
36	15	98 062	68 537,723	2 384 916,166	34,797	34,337
37	16	97 965	67 792,560	2 316 378,443	34,169	33,709
38	17	97 855	67 045,705	2 248 585,883	33,538	33,078
39	18	97 737	66 301,983	2 181 540,178	32,903	32,443
40	19	97 609	65 559,482	2 115 238,195	32,264	31,804
41	20	97 471	64 818,704	2 049 678,713	31,622	31,162
42	21	97 323	64 079,486	1 984 860,010	30,975	30,515
43	22	97 167	63 343,180	1 920 780,523	30,323	29,863
44	23	97 002	62 609,258	1 857 437,343	29,667	29,207
45	24	96 810	61 866,772	1 794 828,085	29,011	28,551
46	25	96 603	61 123,251	1 732 961,312	28,352	27,892
47	26	96 374	60 374,705	1 671 838,061	27,691	27,231
48	27	96 128	59 624,166	1 611 463,356	27,027	26,567
49	28	95 852	58 864,393	1 551 839,191	26,363	25,903
50	29	95 544	58 094,715	1 492 974,797	25,699	25,239
51	30	95 202	57 313,478	1 434 880,082	25,036	24,576
52	31	94 820	56 518,016	1 377 566,604	24,374	23,914
53	32	94 397	55 709,225	1 321 048,588	23,713	23,253
54	33	93 922	54 879,742	1 265 339,363	23,057	22,597
55	34	93 389	54 028,036	1 210 459,621	22,404	21,944
56	35	92 799	53 155,234	1 156 431,585	21,756	21,296
57	36	92 150	52 260,711	1 103 276,351	21,111	20,651
58	37	91 432	51 340,329	1 051 015,640	20,472	20,012
59	38	90 643	50 393,469	999 675,311	19,837	19,377
60	39	89 779	49 418,780	949 281,842	19,209	18,749
61	40	88 843	48 419,323	899 863,062	18,585	18,125
62	41	87 821	47 388,629	851 443,739	17,967	17,507
63	42	86 708	46 324,840	804 055,111	17,357	16,897
64	43	85 515	45 234,986	757 730,270	16,751	16,291
65	44	84 220	44 108,699	712 495,284	16,153	15,693
66	45	82 840	42 956,776	668 386,584	15,560	15,100
67	46	81 371	41 776,991	625 429,809	14,971	14,511
68	47	79 809	40 569,519	583 652,818	14,386	13,927
69	48	78 171	39 343,431	543 083,298	13,804	13,344
70	49	76 400	38 071,204	503 739,868	13,232	12,772
71	50	74 565	36 789,152	465 668,664	12,658	12,198
72	51	72 593	35 461,576	428 879,511	12,094	11,634
73	52	70 541	34 117,881	393 417,935	11,531	11,071
74	53	68 353	32 732,487	359 300,055	10,977	10,517
75	54	66 059	31 320,355	326 567,567	10,427	9,967
76	55	63 653	29 881,066	295 247,213	9,881	9,421
77	56	61 088	28 392,999	265 366,147	9,346	8,886
78	57	58 393	26 871,383	236 973,148	8,819	8,359
79	58	55 519	25 295,944	210 101,764	8,306	7,846
80	59	52 488	23 678,070	184 805,820	7,805	7,345
81	60	49 293	22 016,768	161 127,750	7,318	6,858
82	61	45 869	20 284,484	139 110,982	6,858	6,398
83	62	42 294	18 518,566	118 826,498	6,417	5,957
84	63	38 610	16 738,239	100 307,932	5,993	5,533
85	64	34 822	14 946,390	83 569,693	5,591	5,131
86	65	30 944	13 150,296	68 623,304	5,218	4,758
87	66	27 084	11 395,966	55 473,008	4,868	4,408
88	67	23 300	9 706,782	44 077,042	4,541	4,081
89	68	19 647	8 103,954	34 370,260	4,241	3,781
90	69	16 231	6 628,793	26 266,306	3,962	3,502
91	70	13 131	5 309,466	19 637,513	3,699	3,239
92	71	10 384	4 157,317	14 328,047	3,446	2,986
93	72	7 934	3 144,780	10 170,730	3,234	2,774
94	73	5 914	2 320,826	7 025,950	3,027	2,567
95	74	4 246	1 649,859	4 705,124	2,852	2,392
96	75	2 960	1 138,904	3 055,265	2,683	2,223
97	76	1 967	749,415	1 916,361	2,557	2,097
98	77	1 277	481,635	1 166,946	2,423	1,963
99	78	797	297,534	685,312	2,303	1,843
100	79	478	176,542	387,778	2,197	1,737

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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22	0	99 261	79 745,929	3 428 398,950	42,992	42,532
23	1	98 918	78 683,362	3 348 653,021	42,559	42,099
24	2	98 853	77 853,107	3 269 969,658	42,002	41,542
25	3	98 794	77 036,109	3 192 116,552	41,437	40,977
26	4	98 740	76 232,112	3 115 080,442	40,863	40,403
27	5	98 685	75 435,486	3 038 848,331	40,284	39,824
28	6	98 631	74 647,456	2 963 412,845	39,699	39,239
29	7	98 574	73 866,003	2 888 765,389	39,108	38,648
30	8	98 518	73 093,110	2 814 899,386	38,511	38,051
31	9	98 456	72 323,748	2 741 806,276	37,910	37,450
32	10	98 390	71 559,192	2 669 482,529	37,305	36,845
33	11	98 322	70 801,624	2 597 923,337	36,693	36,233
34	12	98 242	70 043,910	2 527 121,713	36,079	35,619
35	13	98 159	69 291,596	2 457 077,803	35,460	35,000
36	14	98 071	68 544,043	2 387 786,207	34,836	34,376
37	15	97 977	67 800,809	2 319 242,164	34,207	33,747
38	16	97 869	67 055,579	2 251 441,354	33,576	33,116
39	17	97 751	66 311,012	2 184 385,775	32,942	32,482
40	18	97 628	65 572,400	2 118 074,763	32,301	31,841
41	19	97 488	64 830,035	2 052 502,363	31,660	31,200
42	20	97 341	64 091,336	1 987 672,328	31,013	30,553
43	21	97 183	63 353,627	1 923 580,992	30,363	29,903
44	22	97 017	62 619,453	1 860 227,365	29,707	29,247
45	23	96 827	61 877,908	1 797 607,912	29,051	28,591
46	24	96 620	61 134,251	1 735 730,003	28,392	27,932
47	25	96 392	60 386,192	1 674 595,752	27,731	27,271
48	26	96 146	59 635,389	1 614 209,560	27,068	26,608
49	27	95 872	58 877,063	1 554 574,171	26,404	25,944
50	28	95 567	58 108,408	1 495 697,109	25,740	25,280
51	29	95 227	57 328,313	1 437 588,700	25,076	24,616
52	30	94 850	56 535,945	1 380 260,387	24,414	23,954
53	31	94 427	55 726,723	1 323 724,442	23,754	23,294
54	32	93 954	54 898,552	1 267 997,719	23,097	22,637
55	33	93 422	54 047,511	1 213 099,168	22,445	21,985
56	34	92 837	53 176,823	1 159 051,656	21,796	21,336
57	35	92 188	52 282,258	1 105 874,833	21,152	20,692
58	36	91 474	51 363,879	1 053 592,575	20,512	20,052
59	37	90 686	50 417,401	1 002 228,696	19,879	19,419
60	38	89 833	49 448,610	951 811,295	19,248	18,789
61	39	88 896	48 448,447	902 362,685	18,625	18,165
62	40	87 881	47 421,145	853 914,238	18,007	17,547
63	41	86 772	46 359,158	806 493,093	17,397	16,937
64	42	85 583	45 270,921	760 133,935	16,791	16,331
65	43	84 296	44 148,789	714 863,014	16,192	15,732
66	44	82 921	42 998,509	670 714,224	15,599	15,139
67	45	81 465	41 825,183	627 715,715	15,008	14,548
68	46	79 907	40 618,973	585 890,532	14,424	13,964
69	47	78 279	39 397,417	545 271,559	13,840	13,380
70	48	76 522	38 131,988	505 874,142	13,266	12,806
71	49	74 696	36 853,575	467 742,153	12,692	12,232
72	50	72 728	35 527,416	430 888,578	12,128	11,668
73	51	70 693	34 191,142	395 361,163	11,563	11,103
74	52	68 513	32 809,030	361 170,021	11,008	10,548
75	53	66 229	31 400,982	328 360,991	10,457	9,997
76	54	63 838	29 967,633	296 960,009	9,909	9,449
77	55	61 287	28 485,447	266 992,376	9,373	8,913
78	56	58 602	26 967,846	238 506,929	8,844	8,384
79	57	55 737	25 395,600	211 539,082	8,330	7,870
80	58	52 717	23 781,505	186 143,482	7,827	7,367
81	59	49 526	22 120,877	162 361,977	7,340	6,880
82	60	46 112	20 392,071	140 241,100	6,877	6,417
83	61	42 536	18 624,463	119 849,029	6,435	5,975
84	62	38 849	16 841,553	101 224,566	6,010	5,550
85	63	35 059	15 047,947	84 383,014	5,608	5,148
86	64	31 177	13 249,303	69 335,067	5,233	4,773
87	65	27 301	11 487,526	56 085,763	4,882	4,422
88	66	23 506	9 792,586	44 598,237	4,554	4,094
89	67	19 835	8 181,533	34 805,651	4,254	3,794
90	68	16 403	6 698,901	26 624,118	3,974	3,514
91	69	13 284	5 371,532	19 925,217	3,709	3,249
92	70	10 517	4 210,362	14 553,685	3,457	2,997
93	71	8 044	3 188,467	10 343,322	3,244	2,784
94	72	6 003	2 355,723	7 154,855	3,037	2,577
95	73	4 317	1 677,395	4 799,132	2,861	2,401
96	74	3 014	1 159,595	3 121,737	2,692	2,232
97	75	2 006	764,110	1 962,142	2,568	2,108
98	76	1 305	492,251	1 198,032	2,434	1,974
99	77	816	304,787	705,781	2,316	1,856
100	78	491	181,525	400,995	2,209	1,749

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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23	0	99 216	78 920,546	3 351 602,020	42,468	42,008
24	1	98 877	77 872,414	3 272 681,474	42,026	41,566
25	2	98 806	77 045,680	3 194 809,060	41,466	41,006
26	3	98 750	76 239,974	3 117 763,380	40,894	40,434
27	4	98 695	75 442,705	3 041 523,406	40,316	39,856
28	5	98 640	74 654,106	2 966 080,701	39,731	39,271
29	6	98 583	73 872,537	2 891 426,595	39,141	38,681
30	7	98 523	73 096,506	2 817 554,057	38,546	38,086
31	8	98 463	72 328,788	2 744 457,552	37,944	37,484
32	9	98 396	71 563,570	2 672 128,764	37,339	36,879
33	10	98 327	70 805,766	2 600 565,194	36,728	36,268
34	11	98 250	70 049,326	2 529 759,429	36,114	35,654
35	12	98 166	69 297,038	2 459 710,102	35,495	35,035
36	13	98 080	68 550,502	2 390 413,064	34,871	34,411
37	14	97 986	67 807,061	2 321 862,563	34,242	33,782
38	15	97 881	67 063,738	2 254 055,501	33,611	33,151
39	16	97 765	66 320,777	2 186 991,763	32,976	32,516
40	17	97 642	65 581,330	2 120 670,985	32,337	31,877
41	18	97 508	64 842,810	2 055 089,655	31,693	31,233
42	19	97 358	64 102,540	1 990 246,844	31,048	30,588
43	20	97 201	63 365,342	1 926 144,304	30,397	29,937
44	21	97 033	62 629,781	1 862 778,962	29,743	29,283
45	22	96 843	61 887,984	1 800 149,182	29,087	28,627
46	23	96 638	61 145,255	1 738 261,197	28,428	27,968
47	24	96 410	60 397,060	1 677 115,942	27,768	27,308
48	25	96 164	59 646,735	1 616 718,883	27,105	26,645
49	26	95 890	58 888,145	1 557 072,147	26,441	25,981
50	27	95 588	58 120,915	1 498 184,002	25,777	25,317
51	28	95 249	57 341,825	1 440 063,087	25,114	24,654
52	29	94 874	56 550,579	1 382 721,262	24,451	23,991
53	30	94 457	55 744,401	1 326 170,684	23,790	23,330
54	31	93 983	54 915,795	1 270 426,282	23,134	22,674
55	32	93 454	54 066,036	1 215 510,487	22,482	22,022
56	33	92 870	53 195,991	1 161 444,451	21,833	21,373
57	34	92 225	52 303,493	1 108 248,460	21,189	20,729
58	35	91 512	51 385,057	1 055 944,967	20,550	20,090
59	36	90 728	50 440,527	1 004 559,910	19,916	19,456
60	37	89 876	49 472,092	954 119,383	19,286	18,826
61	38	88 950	48 477,692	904 647,290	18,661	18,201
62	39	87 934	47 449,669	856 169,599	18,044	17,584
63	40	86 832	46 390,968	808 719,929	17,433	16,973
64	41	85 646	45 304,458	762 328,961	16,827	16,367
65	42	84 363	44 183,861	717 024,503	16,228	15,768
66	43	82 996	43 037,590	672 840,642	15,634	15,174
67	44	81 544	41 865,817	629 803,052	15,043	14,583
68	45	79 999	40 665,830	587 937,235	14,458	13,998
69	46	78 374	39 445,442	547 271,405	13,874	13,414
70	47	76 627	38 184,312	507 825,963	13,299	12,839
71	48	74 815	36 912,415	469 641,650	12,723	12,263
72	49	72 856	35 589,629	432 729,235	12,159	11,699
73	50	70 824	34 254,622	397 139,606	11,594	11,134
74	51	68 660	32 879,481	362 884,984	11,037	10,577
75	52	66 384	31 474,411	330 005,503	10,485	10,025
76	53	64 002	30 044,778	298 531,092	9,936	9,476
77	54	61 465	28 567,971	268 486,314	9,398	8,938
78	55	58 793	27 055,654	239 918,343	8,868	8,408
79	56	55 938	25 486,765	212 862,688	8,352	7,892
80	57	52 925	23 875,195	187 375,923	7,848	7,388
81	58	49 742	22 217,510	163 500,728	7,359	6,899
82	59	46 330	20 488,498	141 283,219	6,896	6,436
83	60	42 762	18 723,246	120 794,721	6,452	5,992
84	61	39 071	16 937,859	102 071,475	6,026	5,566
85	62	35 275	15 140,827	85 133,616	5,623	5,163
86	63	31 389	13 339,329	69 992,789	5,247	4,787
87	64	27 507	11 574,015	56 653,460	4,895	4,435
88	65	23 695	9 871,264	45 079,444	4,567	4,107
89	66	20 011	8 253,854	35 208,180	4,266	3,806
90	67	16 560	6 763,030	26 954,326	3,986	3,526
91	68	13 425	5 428,344	20 191,296	3,720	3,260
92	69	10 640	4 259,580	14 762,953	3,466	3,006
93	70	8 147	3 229,151	10 503,373	3,253	2,793
94	71	6 086	2 388,449	7 274,222	3,046	2,586
95	72	4 382	1 702,617	4 885,773	2,870	2,410
96	73	3 064	1 178,949	3 183,156	2,700	2,240
97	74	2 042	777,992	2 004,207	2,576	2,116
98	75	1 331	501,903	1 226,216	2,443	1,983
99	76	834	311,505	724,313	2,325	1,865
100	77	503	185,950	412,808	2,220	1,760

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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24	0	99 175	78 107,153	3 275 397,622	41,935	41,475
25	1	98 830	77 064,788	3 197 290,469	41,488	41,028
26	2	98 763	76 249,446	3 120 225,681	40,921	40,461
27	3	98 705	75 450,486	3 043 976,235	40,344	39,884
28	4	98 649	74 661,250	2 968 525,750	39,760	39,300
29	5	98 592	73 879,119	2 893 864,499	39,170	38,710
30	6	98 532	73 102,972	2 819 985,381	38,576	38,116
31	7	98 468	72 332,148	2 746 882,408	37,976	37,516
32	8	98 403	71 568,557	2 674 550,260	37,370	36,910
33	9	98 333	70 810,097	2 602 981,703	36,760	36,300
34	10	98 255	70 053,424	2 532 171,606	36,146	35,686
35	11	98 174	69 302,397	2 462 118,182	35,527	35,067
36	12	98 088	68 555,885	2 392 815,785	34,903	34,443
37	13	97 996	67 813,450	2 324 259,900	34,274	33,814
38	14	97 890	67 069,923	2 256 446,450	33,643	33,183
39	15	97 777	66 328,848	2 189 376,527	33,008	32,548
40	16	97 656	65 590,988	2 123 047,680	32,368	31,908
41	17	97 521	64 851,641	2 057 456,691	31,726	31,266
42	18	97 377	64 115,172	1 992 605,050	31,079	30,619
43	19	97 218	63 376,420	1 928 489,879	30,429	29,969
44	20	97 051	62 641,362	1 865 113,459	29,774	29,314
45	21	96 859	61 898,191	1 802 472,097	29,120	28,660
46	22	96 653	61 155,212	1 740 573,906	28,462	28,002
47	23	96 427	60 407,931	1 679 418,694	27,801	27,341
48	24	96 181	59 657,470	1 619 010,764	27,138	26,678
49	25	95 909	58 899,349	1 559 353,294	26,475	26,015
50	26	95 605	58 131,855	1 500 453,944	25,811	25,351
51	27	95 270	57 354,167	1 442 322,089	25,148	24,688
52	28	94 897	56 563,908	1 384 967,922	24,485	24,025
53	29	94 481	55 758,830	1 328 404,015	23,824	23,364
54	30	94 013	54 933,216	1 272 645,185	23,167	22,707
55	31	93 484	54 083,018	1 217 711,969	22,516	22,056
56	32	92 902	53 214,224	1 163 628,951	21,867	21,407
57	33	92 258	52 322,346	1 110 414,727	21,223	20,763
58	34	91 549	51 405,927	1 058 092,380	20,583	20,123
59	35	90 765	50 461,324	1 006 686,453	19,950	19,490
60	36	89 917	49 494,786	956 225,129	19,320	18,860
61	37	88 992	48 500,713	906 730,343	18,695	18,235
62	38	87 987	47 478,311	858 229,630	18,076	17,616
63	39	86 884	46 418,873	810 751,319	17,466	17,006
64	40	85 705	45 335,544	764 332,447	16,859	16,399
65	41	84 426	44 216,593	718 996,902	16,261	15,801
66	42	83 062	43 071,779	674 780,310	15,666	15,206
67	43	81 618	41 903,869	631 708,531	15,075	14,615
68	44	80 076	40 705,338	589 804,662	14,490	14,030
69	45	78 464	39 490,945	549 099,325	13,904	13,444
70	46	76 720	38 230,859	509 608,379	13,330	12,870
71	47	74 918	36 963,066	471 377,520	12,753	12,293
72	48	72 972	35 646,451	434 414,455	12,187	11,727
73	49	70 948	34 314,607	398 768,004	11,621	11,161
74	50	68 788	32 940,526	364 453,397	11,064	10,604
75	51	66 526	31 541,996	331 512,871	10,510	10,050
76	52	64 152	30 115,036	299 970,875	9,961	9,501
77	53	61 623	28 641,513	269 855,839	9,422	8,962
78	54	58 963	27 134,036	241 214,326	8,890	8,430
79	55	56 120	25 569,751	214 080,290	8,372	7,912
80	56	53 114	23 960,902	188 510,539	7,867	7,407
81	57	49 938	22 305,038	164 549,637	7,377	6,917
82	58	46 532	20 578,000	142 244,600	6,912	6,452
83	59	42 964	18 811,781	121 666,600	6,468	6,008
84	60	39 278	17 027,697	102 854,819	6,040	5,580
85	61	35 477	15 227,409	85 827,123	5,636	5,176
86	62	31 582	13 421,664	70 599,714	5,260	4,800
87	63	27 694	11 652,658	57 178,050	4,907	4,447
88	64	23 873	9 945,585	45 525,392	4,577	4,117
89	65	20 171	8 320,169	35 579,808	4,276	3,816
90	66	16 707	6 822,812	27 259,639	3,995	3,535
91	67	13 553	5 480,309	20 436,827	3,729	3,269
92	68	10 752	4 304,631	14 956,518	3,475	3,015
93	69	8 242	3 266,899	10 651,887	3,261	2,801
94	70	6 164	2 418,925	7 384,988	3,053	2,593
95	71	4 443	1 726,270	4 966,063	2,877	2,417
96	72	3 110	1 196,676	3 239,794	2,707	2,247
97	73	2 077	790,976	2 043,118	2,583	2,123
98	74	1 355	511,021	1 252,142	2,450	1,990
99	75	851	317,613	741,120	2,333	1,873
100	76	514	190,048	423,508	2,228	1,768

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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25	0	99 128	77 297,092	3 199 792,456	41,396	40,936
26	1	98 787	76 268,356	3 122 495,364	40,941	40,481
27	2	98 717	75 459,860	3 046 227,008	40,369	39,909
28	3	98 659	74 668,951	2 970 767,148	39,786	39,326
29	4	98 601	73 886,188	2 896 098,198	39,197	38,737
30	5	98 541	73 109,485	2 822 212,009	38,603	38,143
31	6	98 476	72 338,547	2 749 102,524	38,003	37,543
32	7	98 407	71 571,882	2 676 763,977	37,400	36,940
33	8	98 340	70 815,032	2 605 192,095	36,789	36,329
34	9	98 261	70 057,710	2 534 377,063	36,176	35,716
35	10	98 180	69 306,451	2 464 319,354	35,557	35,097
36	11	98 095	68 561,187	2 395 012,903	34,932	34,473
37	12	98 003	67 818,776	2 326 451,716	34,304	33,844
38	13	97 900	67 076,242	2 258 632,940	33,673	33,213
39	14	97 786	66 334,964	2 191 556,698	33,038	32,578
40	15	97 668	65 598,970	2 125 221,734	32,397	31,937
41	16	97 535	64 861,191	2 059 622,764	31,754	31,294
42	17	97 391	64 123,903	1 994 761,573	31,108	30,648
43	18	97 237	63 388,908	1 930 637,670	30,457	29,997
44	19	97 068	62 652,313	1 867 248,762	29,803	29,343
45	20	96 877	61 909,637	1 804 596,449	29,149	28,689
46	21	96 669	61 165,298	1 742 686,812	28,491	28,031
47	22	96 443	60 417,767	1 681 521,514	27,832	27,372
48	23	96 199	59 668,208	1 621 103,747	27,169	26,709
49	24	95 926	58 909,949	1 561 435,539	26,505	26,045
50	25	95 624	58 142,915	1 502 525,589	25,842	25,382
51	26	95 288	57 364,963	1 444 382,674	25,179	24,719
52	27	94 917	56 576,082	1 387 017,711	24,516	24,056
53	28	94 504	55 771,972	1 330 441,630	23,855	23,395
54	29	94 038	54 947,435	1 274 669,657	23,198	22,738
55	30	93 513	54 100,175	1 219 722,223	22,546	22,086
56	31	92 931	53 230,939	1 165 622,048	21,897	21,437
57	32	92 290	52 340,280	1 112 391,109	21,253	20,793
58	33	91 582	51 424,457	1 060 050,829	20,614	20,154
59	34	90 802	50 481,819	1 008 626,372	19,980	19,520
60	35	89 954	49 515,192	958 144,553	19,351	18,891
61	36	89 033	48 522,961	908 629,361	18,726	18,266
62	37	88 029	47 500,858	860 106,400	18,107	17,647
63	38	86 937	46 446,892	812 605,542	17,495	17,035
64	39	85 757	45 362,814	766 158,650	16,890	16,430
65	40	84 484	44 246,933	720 795,836	16,290	15,830
66	41	83 124	43 103,687	676 548,904	15,696	15,236
67	42	81 683	41 937,157	633 445,217	15,105	14,645
68	43	80 149	40 742,334	591 508,060	14,518	14,058
69	44	78 541	39 529,311	550 765,726	13,933	13,473
70	45	76 809	38 274,961	511 236,414	13,357	12,897
71	46	75 009	37 008,124	472 961,454	12,780	12,320
72	47	73 072	35 695,364	435 953,330	12,213	11,753
73	48	71 061	34 369,393	400 257,965	11,646	11,186
74	49	68 908	32 998,209	365 888,572	11,088	10,628
75	50	66 650	31 600,558	332 890,363	10,534	10,074
76	51	64 289	30 179,702	301 289,805	9,983	9,523
77	52	61 767	28 708,489	271 110,103	9,444	8,984
78	53	59 115	27 203,887	242 401,614	8,911	8,451
79	54	56 282	25 643,828	215 197,727	8,392	7,932
80	55	53 287	24 038,919	189 553,899	7,885	7,425
81	56	50 118	22 385,108	165 514,980	7,394	6,934
82	57	46 716	20 659,069	143 129,872	6,928	6,468
83	58	43 152	18 893,958	122 470,803	6,482	6,022
84	59	39 464	17 108,214	103 576,845	6,054	5,594
85	60	35 665	15 308,174	86 468,631	5,649	5,189
86	61	31 763	13 498,414	71 160,457	5,272	4,812
87	62	27 865	11 724,582	57 662,043	4,918	4,458
88	63	24 035	10 013,162	45 937,461	4,588	4,128
89	64	20 323	8 382,811	35 924,299	4,285	3,825
90	65	16 841	6 877,630	27 541,488	4,005	3,545
91	66	13 673	5 528,753	20 663,858	3,738	3,278
92	67	10 855	4 345,839	15 135,106	3,483	3,023
93	68	8 329	3 301,450	10 789,266	3,268	2,808
94	69	6 236	2 447,201	7 487,816	3,060	2,600
95	70	4 499	1 748,296	5 040,615	2,883	2,423
96	71	3 154	1 213,300	3 292,319	2,714	2,254
97	72	2 108	802,870	2 079,019	2,589	2,130
98	73	1 378	519,550	1 276,149	2,456	1,996
99	74	866	323,383	756,599	2,340	1,880
100	75	524	193,775	433,216	2,236	1,776

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	4 814 596,996	48,146	47,686	50	50	94 053	50 538,140	1 130 167,555	22,363	21,902
1	1	99 344	98 117,837	4 714 596,996	48,050	47,590	51	51	93 566	49 656,094	1 079 629,414	21,742	21,282
2	2	99 292	96 855,699	4 616 479,160	47,663	47,203	52	52	93 020	48 756,804	1 029 973,320	21,125	20,664
3	3	99 264	95 633,134	4 519 623,461	47,260	46,800	53	53	92 419	47 843,593	981 216,517	20,509	20,048
4	4	99 243	94 432,449	4 423 990,326	46,848	46,388	54	54	91 749	46 910,206	933 372,924	19,897	19,437
5	5	99 223	93 247,757	4 329 557,877	46,431	45,970	55	55	90 997	45 951,635	886 462,718	19,291	18,831
6	6	99 204	92 079,095	4 236 310,120	46,007	45,547	56	56	90 166	44 969,571	840 511,083	18,691	18,230
7	7	99 187	90 926,005	4 144 231,025	45,578	45,118	57	57	89 251	43 963,995	795 541,513	18,095	17,635
8	8	99 174	89 791,555	4 053 305,020	45,141	44,681	58	58	88 249	42 933,709	751 577,518	17,506	17,045
9	9	99 158	88 669,254	3 963 513,465	44,700	44,240	59	59	87 149	41 874,874	708 643,809	16,923	16,462
10	10	99 144	87 562,208	3 874 844,211	44,252	43,792	60	60	85 963	40 795,373	666 768,935	16,344	15,884
11	11	99 130	86 469,282	3 787 282,003	43,799	43,339	61	61	84 669	39 685,121	625 973,562	15,774	15,313
12	12	99 115	85 388,547	3 700 812,721	43,341	42,880	62	62	83 277	38 550,586	586 288,440	15,208	14,748
13	13	99 101	84 321,940	3 615 424,173	42,876	42,416	63	63	81 777	37 389,217	547 737,854	14,650	14,189
14	14	99 082	83 265,098	3 531 102,233	42,408	41,948	64	64	80 171	36 202,383	510 348,637	14,097	13,637
15	15	99 059	82 218,395	3 447 837,135	41,935	41,475	65	65	78 438	34 982,457	474 146,254	13,554	13,093
16	16	99 031	81 180,493	3 365 618,740	41,458	40,998	66	66	76 613	33 746,630	439 163,797	13,014	12,553
17	17	98 992	80 146,620	3 284 438,247	40,980	40,520	67	67	74 681	32 489,335	405 417,167	12,478	12,018
18	18	98 951	79 124,632	3 204 291,626	40,497	40,036	68	68	72 641	31 211,974	372 927,831	11,948	11,488
19	19	98 894	78 102,450	3 125 166,994	40,014	39,553	69	69	70 502	29 918,948	341 715,858	11,421	10,961
20	20	98 837	77 094,069	3 047 064,545	39,524	39,064	70	70	68 217	28 591,871	311 796,909	10,905	10,445
21	21	98 777	76 095,338	2 969 970,476	39,030	38,569	71	71	65 856	27 261,239	283 205,038	10,389	9,928
22	22	98 720	75 113,044	2 893 875,138	38,527	38,067	72	72	63 353	25 901,446	255 943,799	9,881	9,421
23	23	98 659	74 139,995	2 818 762,094	38,019	37,559	73	73	60 780	24 542,813	230 042,353	9,373	8,913
24	24	98 601	73 181,525	2 744 622,099	37,504	37,044	74	74	58 064	23 156,526	205 499,541	8,874	8,414
25	25	98 537	72 230,728	2 671 440,574	36,985	36,524	75	75	55 255	21 764,305	182 343,014	8,378	7,918
26	26	98 475	71 294,186	2 599 209,845	36,458	35,997	76	76	52 370	20 373,399	160 578,709	7,882	7,421
27	27	98 411	70 368,455	2 527 915,660	35,924	35,464	77	77	49 336	18 956,072	140 205,310	7,396	6,936
28	28	98 344	69 452,663	2 457 547,205	35,384	34,924	78	78	46 202	17 532,751	121 249,238	6,916	6,455
29	29	98 274	68 545,808	2 388 094,542	34,839	34,379	79	79	42 891	16 075,248	103 716,488	6,452	5,992
30	30	98 197	67 646,738	2 319 548,734	34,289	33,829	80	80	39 447	14 601,936	87 641,240	6,002	5,542
31	31	98 111	66 752,910	2 251 901,995	33,735	33,274	81	81	35 864	13 111,787	73 039,304	5,571	5,110
32	32	98 019	65 867,507	2 185 149,086	33,175	32,715	82	82	32 118	11 597,274	59 927,517	5,167	4,707
33	33	97 924	64 990,808	2 119 281,578	32,609	32,149	83	83	28 314	10 097,398	48 330,243	4,786	4,326
34	34	97 817	64 118,375	2 054 290,770	32,039	31,579	84	84	24 532	8 640,824	38 232,845	4,425	3,964
35	35	97 702	63 252,367	1 990 172,395	31,464	31,004	85	85	20 824	7 244,106	29 592,021	4,085	3,625
36	36	97 583	62 395,630	1 926 920,029	30,882	30,422	86	86	17 225	5 918,086	22 347,915	3,776	3,316
37	37	97 455	61 544,118	1 864 524,399	30,296	29,835	87	87	13 872	4 707,429	16 429,829	3,490	3,030
38	38	97 313	60 695,931	1 802 980,281	29,705	29,245	88	88	10 836	3 631,827	11 722,400	3,228	2,767
39	39	97 150	59 846,471	1 742 284,350	29,113	28,652	89	89	8 172	2 704,865	8 090,573	2,991	2,531
40	40	96 984	59 006,289	1 682 437,879	28,513	28,052	90	90	5 939	1 941,504	5 385,707	2,774	2,314
41	41	96 797	58 165,772	1 623 431,590	27,910	27,450	91	91	4 144	1 337,935	3 444,203	2,574	2,114
42	42	96 597	57 328,583	1 565 265,818	27,303	26,843	92	92	2 762	880,935	2 106,268	2,391	1,931
43	43	96 381	56 494,367	1 507 937,235	26,692	26,231	93	93	1 739	547,598	1 225,333	2,238	1,777
44	44	96 145	55 660,404	1 451 442,868	26,077	25,616	94	94	1 041	323,678	677,735	2,094	1,633
45	45	95 879	54 821,137	1 395 782,464	25,461	25,000	95	95	585	179,651	354,057	1,971	1,510
46	46	95 581	53 976,015	1 340 961,328	24,844	24,383	96	96	310	94,116	174,406	1,853	1,393
47	47	95 257	53 128,711	1 286 985,313	24,224	23,764	97	97	150	44,996	80,290	1,784	1,324
48	48	94 901	52 276,816	1 233 856,602	23,602	23,142	98	98	70	20,666	35,294	1,708	1,247
49	49	94 498	51 412,231	1 181 579,786	22,982	22,522	99	99	31	8,961	14,628	1,632	1,172
							100	100	13	3,616	5,667	1,567	1,107

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 699	99 699,466	4 798 602,733	48,131	47,670	50	51	93 878	50 444,483	1 115 679,778	22,117	21,657
1	2	99 320	98 093,510	4 698 903,268	47,902	47,442	51	52	93 366	49 549,696	1 065 235,295	21,498	21,038
2	3	99 280	96 843,667	4 600 809,758	47,508	47,047	52	53	92 803	48 643,056	1 015 685,599	20,880	20,420
3	4	99 254	95 623,272	4 503 966,091	47,101	46,641	53	54	92 182	47 720,747	967 042,543	20,265	19,804
4	5	99 234	94 423,413	4 408 342,819	46,687	46,227	54	55	91 483	46 774,697	919 321,797	19,654	19,194
5	6	99 214	93 239,451	4 313 919,406	46,267	45,807	55	56	90 702	45 802,501	872 547,100	19,050	18,590
6	7	99 196	92 070,950	4 220 679,955	45,842	45,381	56	57	89 843	44 808,716	826 744,600	18,451	17,990
7	8	99 182	90 921,781	4 128 609,005	45,408	44,948	57	58	88 901	43 791,474	781 935,883	17,856	17,396
8	9	99 167	89 785,298	4 037 687,224	44,970	44,510	58	59	87 865	42 746,973	738 144,409	17,268	16,807
9	10	99 152	88 663,830	3 947 901,927	44,527	44,066	59	60	86 738	41 677,796	695 397,436	16,685	16,225
10	11	99 138	87 557,086	3 859 238,097	44,077	43,616	60	61	85 510	40 580,138	653 719,641	16,109	15,649
11	12	99 123	86 462,596	3 771 681,011	43,622	43,162	61	62	84 188	39 459,476	613 139,502	15,538	15,078
12	13	99 107	85 381,842	3 685 218,415	43,162	42,701	62	63	82 766	38 314,100	573 680,026	14,973	14,513
13	14	99 091	84 313,996	3 599 836,573	42,696	42,235	63	64	81 226	37 136,881	535 365,926	14,416	13,956
14	15	99 073	83 257,420	3 515 522,577	42,225	41,764	64	65	79 572	35 931,855	498 229,045	13,866	13,406
15	16	99 047	82 208,392	3 432 265,156	41,751	41,290	65	66	77 813	34 703,632	462 297,190	13,321	12,861
16	17	99 017	81 168,540	3 350 056,764	41,273	40,812	66	67	75 942	33 450,938	427 593,559	12,783	12,322
17	18	98 979	80 135,707	3 268 888,224	40,792	40,332	67	68	73 972	32 181,264	394 142,620	12,248	11,787
18	19	98 932	79 109,043	3 188 752,517	40,308	39,848	68	69	71 881	30 885,319	361 961,356	11,720	11,259
19	20	98 877	78 088,798	3 109 643,474	39,822	39,362	69	70	69 688	29 573,247	331 076,037	11,195	10,735
20	21	98 819	77 079,816	3 031 554,676	39,330	38,870	70	71	67 358	28 231,648	301 502,790	10,680	10,219
21	22	98 760	76 082,790	2 954 474,860	38,832	38,372	71	72	64 953	26 887,711	273 271,141	10,163	9,703
22	23	98 704	75 100,815	2 878 392,070	38,327	37,867	72	73	62 414	25 517,753	246 383,430	9,655	9,195
23	24	98 642	74 126,652	2 803 291,255	37,818	37,357	73	74	59 782	24 139,914	220 865,678	9,149	8,689
24	25	98 583	73 168,357	2 729 164,603	37,300	36,839	74	75	57 028	22 743,340	196 725,763	8,650	8,189
25	26	98 518	72 216,988	2 655 996,246	36,778	36,318	75	76	54 192	21 345,748	173 982,423	8,151	7,690
26	27	98 456	71 280,769	2 583 779,257	36,248	35,788	76	77	51 241	19 934,027	152 636,676	7,657	7,197
27	28	98 390	70 353,313	2 512 498,489	35,713	35,252	77	78	48 162	18 504,984	132 702,648	7,171	6,711
28	29	98 321	69 436,297	2 442 145,176	35,171	34,711	78	79	44 934	17 051,511	114 197,664	6,697	6,237
29	30	98 248	68 528,070	2 372 708,879	34,624	34,164	79	80	41 544	15 570,252	97 146,153	6,239	5,779
30	31	98 166	67 625,286	2 304 180,809	34,073	33,612	80	81	38 009	14 069,527	81 575,901	5,798	5,338
31	32	98 080	66 731,950	2 236 555,523	33,516	33,055	81	82	34 334	12 552,256	67 506,373	5,378	4,918
32	33	97 986	65 844,939	2 169 823,574	32,954	32,493	82	83	30 532	11 024,613	54 954,117	4,985	4,524
33	34	97 888	64 967,390	2 103 978,635	32,385	31,925	83	84	26 708	9 524,760	43 929,504	4,612	4,152
34	35	97 777	64 092,343	2 039 011,245	31,814	31,353	84	85	22 934	8 077,761	34 404,744	4,259	3,799
35	36	97 662	63 226,299	1 974 918,902	31,236	30,775	85	86	19 239	6 692,651	26 326,983	3,934	3,473
36	37	97 539	62 367,021	1 911 692,603	30,652	30,192	86	87	15 723	5 402,147	19 634,332	3,635	3,174
37	38	97 408	61 514,905	1 849 325,582	30,063	29,603	87	88	12 486	4 236,943	14 232,185	3,359	2,899
38	39	97 254	60 659,317	1 787 810,677	29,473	29,013	88	89	9 599	3 217,065	9 995,242	3,107	2,647
39	40	97 092	59 810,495	1 727 151,360	28,877	28,417	89	90	7 113	2 354,536	6 778,177	2,879	2,418
40	41	96 917	58 965,829	1 667 340,866	28,276	27,816	90	91	5 063	1 655,179	4 423,640	2,673	2,212
41	42	96 726	58 122,714	1 608 375,037	27,672	27,212	91	92	3 449	1 113,651	2 768,461	2,486	2,026
42	43	96 520	57 283,078	1 550 252,323	27,063	26,603	92	93	2 244	715,758	1 654,810	2,312	1,852
43	44	96 293	56 443,067	1 492 969,246	26,451	25,990	93	94	1 375	433,164	939,052	2,168	1,708
44	45	96 052	55 606,381	1 436 526,179	25,834	25,373	94	95	801	249,178	505,888	2,030	1,570
45	46	95 769	54 757,970	1 380 919,798	25,219	24,758	95	96	437	134,239	256,710	1,912	1,452
46	47	95 465	53 910,298	1 326 161,828	24,599	24,139	96	97	222	67,232	122,470	1,822	1,361
47	48	95 126	53 055,908	1 272 251,530	23,979	23,519	97	98	105	31,541	55,239	1,751	1,291
48	49	94 750	52 193,485	1 219 195,622	23,359	22,899	98	99	48	14,195	23,698	1,669	1,209
49	50	94 333	51 322,359	1 167 002,137	22,739	22,278	99	100	20	5,941	9,502	1,599	1,139

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 675	99 674,746	4 781 767,267	47,974	47,513	50	52	93 677	50 336,396	1 100 162,015	21,856	21,396
1	3	99 307	98 081,324	4 682 092,521	47,737	47,276	51	53	93 148	49 434,098	1 049 825,619	21,237	20,776
2	4	99 270	96 833,680	4 584 011,197	47,339	46,879	52	54	92 565	48 518,156	1 000 391,521	20,619	20,159
3	5	99 245	95 614,122	4 487 177,518	46,930	46,470	53	55	91 915	47 582,896	951 873,365	20,005	19,544
4	6	99 225	94 415,002	4 391 563,395	46,513	46,053	54	56	91 187	46 622,892	904 290,469	19,396	18,935
5	7	99 206	93 231,203	4 297 148,393	46,091	45,631	55	57	90 377	45 638,667	857 667,577	18,793	18,332
6	8	99 191	92 066,673	4 203 917,191	45,662	45,201	56	58	89 490	44 632,881	812 028,910	18,194	17,733
7	9	99 175	90 915,445	4 111 850,518	45,227	44,767	57	59	88 514	43 601,007	767 396,029	17,600	17,140
8	10	99 161	89 779,805	4 020 935,073	44,787	44,326	58	60	87 452	42 545,790	723 795,022	17,012	16,552
9	11	99 146	88 658,643	3 931 155,268	44,340	43,880	59	61	86 281	41 457,905	681 249,232	16,432	15,972
10	12	99 131	87 550,316	3 842 496,624	43,889	43,429	60	62	85 024	40 349,405	639 791,327	15,856	15,396
11	13	99 115	86 455,807	3 754 946,309	43,432	42,972	61	63	83 671	39 217,414	599 441,922	15,285	14,825
12	14	99 098	85 373,798	3 668 490,502	42,970	42,509	62	64	82 207	38 055,522	560 224,508	14,721	14,261
13	15	99 082	84 306,222	3 583 116,704	42,501	42,041	63	65	80 619	36 859,369	522 168,986	14,167	13,706
14	16	99 061	83 247,291	3 498 810,482	42,029	41,569	64	66	78 938	35 645,462	485 309,616	13,615	13,155
15	17	99 032	82 196,287	3 415 563,192	41,554	41,093	65	67	77 131	34 399,555	449 664,154	13,072	12,611
16	18	99 003	81 157,488	3 333 366,905	41,073	40,612	66	68	75 222	33 133,749	415 264,600	12,533	12,073
17	19	98 959	80 119,919	3 252 209,417	40,592	40,131	67	69	73 198	31 844,466	382 130,850	12,000	11,540
18	20	98 915	79 095,216	3 172 089,498	40,105	39,644	68	70	71 050	30 528,452	350 286,385	11,474	11,014
19	21	98 859	78 074,361	3 092 994,282	39,616	39,156	69	71	68 810	29 200,660	319 757,933	10,950	10,490
20	22	98 803	77 067,105	3 014 919,921	39,121	38,660	70	72	66 435	27 844,824	290 557,273	10,435	9,974
21	23	98 744	76 070,403	2 937 852,816	38,620	38,160	71	73	63 991	26 489,408	262 712,449	9,918	9,457
22	24	98 686	75 087,300	2 861 782,412	38,113	37,652	72	74	61 390	25 098,849	236 223,041	9,412	8,951
23	25	98 624	74 113,314	2 786 695,113	37,600	37,140	73	75	58 716	23 709,181	211 124,192	8,905	8,444
24	26	98 565	73 154,439	2 712 581,799	37,080	36,620	74	76	55 931	22 305,954	187 415,010	8,402	7,942
25	27	98 499	72 203,397	2 639 427,360	36,555	36,095	75	77	53 024	20 885,407	165 109,056	7,905	7,445
26	28	98 435	71 265,430	2 567 223,963	36,023	35,563	76	78	50 022	19 459,668	144 223,649	7,411	6,951
27	29	98 367	70 336,734	2 495 958,533	35,486	35,025	77	79	46 840	17 997,059	124 763,982	6,932	6,472
28	30	98 296	69 418,329	2 425 621,798	34,942	34,482	78	80	43 522	16 515,847	106 766,923	6,465	6,004
29	31	98 217	68 506,338	2 356 203,469	34,394	33,934	79	81	40 029	15 002,538	90 251,076	6,016	5,555
30	32	98 135	67 604,051	2 287 697,131	33,840	33,379	80	82	36 387	13 469,126	75 248,538	5,587	5,126
31	33	98 046	66 709,085	2 220 093,080	33,280	32,820	81	83	32 638	11 932,439	61 779,412	5,177	4,717
32	34	97 951	65 821,213	2 153 383,994	32,716	32,255	82	84	28 801	10 399,391	49 846,973	4,793	4,333
33	35	97 849	64 941,013	2 087 562,781	32,146	31,685	83	85	24 968	8 904,097	39 447,581	4,430	3,970
34	36	97 737	64 065,929	2 022 621,768	31,571	31,111	84	86	21 188	7 462,844	30 543,485	4,093	3,632
35	37	97 617	63 197,309	1 958 555,839	30,991	30,531	85	87	17 561	6 109,186	23 080,641	3,778	3,318
36	38	97 492	62 337,418	1 895 358,530	30,405	29,944	86	88	14 152	4 862,227	16 971,455	3,490	3,030
37	39	97 350	61 477,796	1 833 021,112	29,816	29,356	87	89	11 060	3 753,075	12 109,228	3,226	2,766
38	40	97 196	60 622,851	1 771 543,316	29,222	28,762	88	90	8 356	2 800,398	8 356,153	2,984	2,524
39	41	97 025	59 769,483	1 710 920,465	28,625	28,165	89	91	6 064	2 007,299	5 555,755	2,768	2,307
40	42	96 846	58 922,178	1 651 150,982	28,023	27,562	90	92	4 214	1 377,714	3 548,456	2,576	2,115
41	43	96 649	58 076,579	1 592 228,803	27,416	26,956	91	93	2 802	904,839	2 170,743	2,399	1,939
42	44	96 432	57 231,061	1 534 152,225	26,806	26,346	92	94	1 775	566,183	1 265,903	2,236	1,775
43	45	96 200	56 388,284	1 476 921,164	26,192	25,732	93	95	1 059	333,465	699,720	2,098	1,638
44	46	95 941	55 542,309	1 420 532,880	25,576	25,115	94	96	599	186,192	366,255	1,967	1,507
45	47	95 652	54 691,301	1 364 990,570	24,958	24,498	95	97	312	95,893	180,063	1,878	1,417
46	48	95 334	53 836,425	1 310 299,269	24,339	23,878	96	98	155	47,128	84,170	1,786	1,326
47	49	94 975	52 971,334	1 256 462,844	23,720	23,259	97	99	72	21,665	37,042	1,710	1,249
48	50	94 584	52 102,247	1 203 491,510	23,099	22,638	98	100	32	9,412	15,377	1,634	1,173
49	51	94 158	51 227,248	1 151 389,263	22,476	22,016							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 662	99 662,364	4 763 781,965	47,799	47,339
1	4	99 297	98 071,209	4 664 119,601	47,559	47,098
2	5	99 260	96 824,414	4 566 048,392	47,158	46,698
3	6	99 236	95 605,605	4 469 223,978	46,746	46,286
4	7	99 216	94 406,650	4 373 618,374	46,327	45,867
5	8	99 201	93 226,871	4 279 211,723	45,901	45,441
6	9	99 184	92 060,257	4 185 984,852	45,470	45,010
7	10	99 169	90 909,884	4 093 924,595	45,033	44,572
8	11	99 155	89 774,554	4 003 014,711	44,590	44,129
9	12	99 139	88 651,788	3 913 240,157	44,142	43,681
10	13	99 123	87 543,441	3 824 588,370	43,688	43,228
11	14	99 106	86 447,661	3 737 044,929	43,229	42,769
12	15	99 089	85 365,926	3 650 597,268	42,764	42,304
13	16	99 070	84 295,964	3 565 231,342	42,294	41,834
14	17	99 046	83 235,033	3 480 935,377	41,821	41,360
15	18	99 019	82 185,095	3 397 700,345	41,342	40,882
16	19	98 984	81 141,498	3 315 515,250	40,861	40,401
17	20	98 942	80 105,915	3 234 373,751	40,376	39,916
18	21	98 896	79 080,592	3 154 267,836	39,887	39,426
19	22	98 842	78 061,487	3 075 187,244	39,394	38,934
20	23	98 787	77 054,558	2 997 125,757	38,896	38,436
21	24	98 726	76 056,713	2 920 071,199	38,393	37,933
22	25	98 669	75 073,789	2 844 014,485	37,883	37,423
23	26	98 605	74 099,216	2 768 940,697	37,368	36,908
24	27	98 546	73 140,671	2 694 841,481	36,845	36,384
25	28	98 478	72 187,860	2 621 700,810	36,318	35,857
26	29	98 412	71 248,637	2 549 512,949	35,783	35,323
27	30	98 341	70 318,533	2 478 264,312	35,243	34,783
28	31	98 265	69 396,315	2 407 945,779	34,698	34,238
29	32	98 186	68 484,827	2 338 549,464	34,147	33,687
30	33	98 101	67 580,888	2 270 064,637	33,590	33,130
31	34	98 011	66 685,048	2 202 483,749	33,028	32,568
32	35	97 911	65 794,490	2 135 798,701	32,462	32,001
33	36	97 808	64 914,249	2 070 004,211	31,888	31,428
34	37	97 692	64 036,554	2 005 089,962	31,312	30,851
35	38	97 570	63 167,312	1 941 053,408	30,729	30,268
36	39	97 433	62 299,813	1 877 886,096	30,143	29,682
37	40	97 291	61 440,839	1 815 586,283	29,550	29,090
38	41	97 129	60 581,283	1 754 145,444	28,955	28,495
39	42	96 954	59 725,238	1 693 564,161	28,356	27,896
40	43	96 769	58 875,408	1 633 838,924	27,751	27,290
41	44	96 561	58 023,841	1 574 963,515	27,143	26,683
42	45	96 339	57 175,514	1 516 939,674	26,531	26,071
43	46	96 089	56 323,312	1 459 764,160	25,918	25,457
44	47	95 824	55 474,686	1 403 440,849	25,299	24,838
45	48	95 521	54 616,358	1 347 966,163	24,681	24,220
46	49	95 182	53 750,607	1 293 349,805	24,062	23,602
47	50	94 809	52 878,737	1 239 599,198	23,442	22,982
48	51	94 409	52 005,691	1 186 720,461	22,819	22,359
49	52	93 956	51 117,484	1 134 714,771	22,198	21,738
50	53	93 459	50 218,963	1 083 597,287	21,577	21,117
51	54	92 909	49 307,167	1 033 378,324	20,958	20,498
52	55	92 297	48 378,002	984 071,157	20,341	19,881
53	56	91 617	47 428,468	935 693,155	19,729	19,268
54	57	90 860	46 456,123	888 264,687	19,121	18,660
55	58	90 023	45 459,575	841 808,563	18,518	18,057
56	59	89 101	44 438,754	796 348,988	17,920	17,460
57	60	88 098	43 395,805	751 910,234	17,327	16,866
58	61	86 990	42 321,320	708 514,429	16,741	16,281
59	62	85 790	41 222,180	666 193,109	16,161	15,701
60	63	84 502	40 101,884	624 970,928	15,585	15,124
61	64	83 106	38 952,740	584 869,045	15,015	14,554
62	65	81 593	37 771,146	545 916,304	14,453	13,993
63	66	79 976	36 565,584	508 145,159	13,897	13,436
64	67	78 246	35 333,133	471 579,575	13,347	12,886
65	68	76 400	34 073,371	436 246,442	12,803	12,343
66	69	74 434	32 786,982	402 173,072	12,266	11,806
67	70	72 353	31 476,516	369 386,090	11,735	11,275
68	71	70 155	30 143,830	337 909,574	11,210	10,750
69	72	67 867	28 800,559	307 765,744	10,686	10,226
70	73	65 451	27 432,343	278 965,185	10,169	9,709
71	74	62 941	26 054,553	251 532,842	9,654	9,194
72	75	60 294	24 651,006	225 478,289	9,147	8,686
73	76	57 586	23 253,221	200 827,283	8,637	8,176
74	77	54 725	21 824,906	177 574,062	8,136	7,676
75	78	51 762	20 388,407	155 749,156	7,639	7,179
76	79	48 649	18 925,538	135 360,749	7,152	6,692
77	80	45 369	17 431,691	116 435,211	6,680	6,219
78	81	41 936	15 913,655	99 003,520	6,221	5,761
79	82	38 321	14 362,321	83 089,865	5,785	5,325
80	83	34 590	12 804,035	68 727,544	5,368	4,907
81	84	30 787	11 255,733	55 923,509	4,968	4,508
82	85	26 924	9 721,734	44 667,776	4,595	4,134
83	86	23 067	8 226,275	34 946,041	4,248	3,788
84	87	19 341	6 812,233	26 719,766	3,922	3,462
85	88	15 806	5 498,600	19 907,533	3,620	3,160
86	89	12 536	4 306,951	14 408,932	3,346	2,885
87	90	9 628	3 266,985	10 101,982	3,092	2,632
88	91	7 123	2 387,406	6 834,997	2,863	2,403
89	92	5 048	1 670,806	4 447,591	2,662	2,202
90	93	3 424	1 119,390	2 776,785	2,481	2,020
91	94	2 217	715,751	1 657,395	2,316	1,855
92	95	1 367	435,868	941,643	2,160	1,700
93	96	791	249,172	505,776	2,030	1,569
94	97	428	133,006	256,603	1,929	1,469
95	98	219	67,219	123,598	1,839	1,378
96	99	107	32,372	56,378	1,742	1,281
97	100	48	14,365	24,007	1,671	1,211

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 652	99 652,086	4 744 607,906	47,612	47,151
1	5	99 288	98 061,825	4 644 955,820	47,368	46,907
2	6	99 251	96 815,789	4 546 893,995	46,964	46,504
3	7	99 227	95 597,148	4 450 078,207	46,550	46,090
4	8	99 212	94 402,264	4 354 481,059	46,127	45,666
5	9	99 194	93 220,375	4 260 078,795	45,699	45,239
6	10	99 178	92 054,626	4 166 858,420	45,265	44,805
7	11	99 163	90 904,566	4 074 803,794	44,825	44,365
8	12	99 147	89 767,612	3 983 899,228	44,380	43,920
9	13	99 131	88 644,826	3 894 131,616	43,930	43,469
10	14	99 114	87 535,193	3 805 486,790	43,474	43,013
11	15	99 097	86 439,690	3 717 951,597	43,012	42,552
12	16	99 077	85 355,540	3 631 511,907	42,546	42,085
13	17	99 055	84 283,552	3 546 156,367	42,074	41,614
14	18	99 032	83 223,699	3 461 872,815	41,597	41,137
15	19	98 999	82 168,903	3 378 649,116	41,118	40,658
16	20	98 966	81 127,316	3 296 480,213	40,633	40,173
17	21	98 924	80 091,105	3 215 352,897	40,146	39,686
18	22	98 880	79 067,552	3 135 261,792	39,653	39,193
19	23	98 826	78 048,778	3 056 194,240	39,157	38,697
20	24	98 769	77 040,691	2 978 145,462	38,657	38,196
21	25	98 709	76 043,028	2 901 104,771	38,151	37,690
22	26	98 650	75 059,508	2 825 061,743	37,638	37,177
23	27	98 587	74 085,271	2 750 002,235	37,119	36,659
24	28	98 525	73 124,933	2 675 916,964	36,594	36,133
25	29	98 455	72 170,850	2 602 792,032	36,064	35,604
26	30	98 386	71 230,200	2 530 621,182	35,527	35,067
27	31	98 310	70 296,233	2 459 390,982	34,986	34,526
28	32	98 234	69 374,524	2 389 094,749	34,438	33,977
29	33	98 153	68 461,362	2 319 720,224	33,884	33,423
30	34	98 066	67 556,537	2 251 258,862	33,324	32,864
31	35	97 971	66 657,974	2 183 702,326	32,760	32,299
32	36	97 870	65 767,374	2 117 044,352	32,190	31,729
33	37	97 764	64 884,486	2 051 276,978	31,614	31,154
34	38	97 646	64 006,159	1 986 392,492	31,034	30,574
35	39	97 512	63 129,206	1 922 386,333	30,452	29,991
36	40	97 375	62 262,362	1 859 257,127	29,862	29,401
37	41	97 224	61 398,709	1 796 994,765	29,268	28,807
38	42	97 057	60 536,437	1 735 596,056	28,670	28,210
39	43	96 877	59 677,830	1 675 059,619	28,068	27,608
40	44	96 681	58 821,946	1 615 381,789	27,462	27,002
41	45	96 468	57 967,525	1 556 559,843	26,852	26,392
42	46	96 228	57 109,634	1 498 592,319	26,241	25,780
43	47	95 972	56 254,737	1 441 482,685	25,624	25,164
44	48	95 693	55 398,669	1 385 227,947	25,005	24,544
45	49	95 369	54 529,296	1 329 829,279	24,387	23,927
46	50	95 016	53 656,647	1 275 299,982	23,768	23,307
47	51	94 633	52 780,742	1 221 643,335	23,146	22,685
48	52	94 206	51 894,258	1 168 862,593	22,524	22,064
49	53	93 737	50 998,229	1 116 968,335	21,902	21,442
50	54	93 219	50 090,017	1 065 970,106	21,281	20,821
51	55	92 640	49 164,734	1 015 880,090	20,663	20,202
52	56	91 998	48 220,994	966 715,355	20,048	19,587
53	57	91 289	47 258,818	918 494,362	19,435	18,975
54	58	90 504	46 273,824	871 235,544	18,828	18,367
55	59	89 631	45 261,853	824 961,720	18,226	17,766
56	60	88 682	44 229,609	779 699,868	17,628	17,168
57	61	87 633	43 166,850	735 470,258	17,038	16,577
58	62	86 496	42 080,686	692 303,408	16,452	15,991
59	63	85 264	40 969,305	650 222,721	15,871	15,411
60	64	83 932	39 831,240	609 253,416	15,296	14,835
61	65	82 485	38 661,659	569 422,176	14,728	14,268
62	66	80 943	37 470,093	530 760,517	14,165	13,705
63	67	79 275	36 245,192	493 290,424	13,610	13,149
64	68	77 504	34 998,096	457 045,232	13,059	12,599
65	69	75 600	33 716,770	422 047,136	12,517	12,057
66	70	73 574	32 408,142	388 330,366	11,982	11,522
67	71	71 441	31 079,950	355 922,224	11,452	10,991
68	72	69 194	29 730,806	324 842,274	10,926	10,466
69	73	66 862	28 373,919	295 111,468	10,401	9,940
70	74	64 376	26 982,009	266 737,549	9,886	9,425
71	75	61 818	25 589,657	239 755,540	9,369	8,909
72	76	59 135	24 176,933	214 165,883	8,858	8,398
73	77	56 345	22 751,744	189 988,949	8,351	7,890
74	78	53 423	21 305,549	167 237,206	7,849	7,389
75	79	50 341	19 828,786	145 931,656	7,360	6,899
76	80	47 120	18 331,003	126 102,870	6,879	6,419
77	81	43 715	16 796,105	107 771,868	6,416	5,956
78	82	40 146	15 234,557	90 975,762	5,972	5,511
79	83	36 428	13 653,125	75 741,205	5,548	5,087
80	84	32 628	12 077,900	62 088,080	5,141	4,680
81	85	28 781	10 522,274	50 010,180	4,753	4,292
82	86	24 874	8 981,670	39 487,906	4,396	3,936
83	87	21 056	7 509,109	30 506,236	4,063	3,602
84	88	17 408	6 131,381	22 997,127	3,751	3,290
85	89	14 001	4 870,649	16 865,746	3,463	3,002
86	90	10 912	3 749,124	11 995,097	3,199	2,739
87	91	8 208	2 785,183	8 245,973	2,961	2,500
88	92	5 929	1 987,194	5 460,791	2,748	2,288
89	93	4 101	1 357,527	3 473,596	2,559	2,098
90	94	2 708	885,466	2 116,069	2,390	1,929
91	95	1 707	551,010	1 230,603	2,233	1,773
92	96	1 021	325,690	679,593	2,087	1,626
93	97	565	177,996	353,902	1,988	1,528
94	98	300	93,234	175,907	1,887	1,426
95	99	150	46,172	82,672	1,791	1,330
96	100	71	21,463	36,500	1,701	1,240

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 643	99 642,551	4 724 222,977	47,412	46,951
1	6	99 279	98 053,089	4 624 580,426	47,164	46,704
2	7	99 243	96 807,225	4 526 527,337	46,758	46,298
3	8	99 222	95 592,707	4 429 720,112	46,340	45,879
4	9	99 205	94 395,686	4 334 127,405	45,914	45,454
5	10	99 188	93 214,672	4 239 731,719	45,484	45,023
6	11	99 172	92 049,241	4 146 517,047	45,047	44,586
7	12	99 156	90 897,536	4 054 467,806	44,605	44,144
8	13	99 139	89 760,563	3 963 570,269	44,157	43,697
9	14	99 121	88 636,475	3 873 809,707	43,704	43,244
10	15	99 104	87 527,122	3 785 173,232	43,246	42,785
11	16	99 084	86 429,173	3 697 646,110	42,782	42,322
12	17	99 062	85 342,972	3 611 216,937	42,314	41,854
13	18	99 042	84 272,076	3 525 873,965	41,839	41,379
14	19	99 013	83 207,303	3 441 601,890	41,362	40,901
15	20	98 982	82 154,541	3 358 394,587	40,879	40,419
16	21	98 948	81 112,317	3 276 240,046	40,391	39,931
17	22	98 907	80 077,898	3 195 127,729	39,900	39,440
18	23	98 864	79 054,679	3 115 049,831	39,404	38,943
19	24	98 808	78 034,732	3 035 995,152	38,906	38,445
20	25	98 751	77 026,829	2 957 960,420	38,402	37,941
21	26	98 690	76 028,563	2 880 933,591	37,893	37,432
22	27	98 631	75 045,382	2 804 905,028	37,376	36,916
23	28	98 565	74 069,329	2 729 859,647	36,855	36,395
24	29	98 502	73 107,701	2 655 790,318	36,327	35,867
25	30	98 429	72 152,174	2 582 682,616	35,795	35,335
26	31	98 355	71 207,611	2 510 530,442	35,256	34,796
27	32	98 279	70 274,160	2 439 322,831	34,712	34,251
28	33	98 200	69 350,754	2 369 048,671	34,160	33,700
29	34	98 117	68 436,693	2 299 697,917	33,603	33,143
30	35	98 026	67 529,109	2 231 261,223	33,041	32,581
31	36	97 931	66 630,502	2 163 732,114	32,474	32,013
32	37	97 826	65 737,220	2 097 101,612	31,901	31,441
33	38	97 717	64 853,688	2 031 364,392	31,322	30,862
34	39	97 587	63 967,547	1 966 510,705	30,742	30,282
35	40	97 453	63 091,256	1 902 543,158	30,155	29,695
36	41	97 308	62 219,669	1 839 451,901	29,564	29,103
37	42	97 152	61 353,258	1 777 232,233	28,967	28,507
38	43	96 980	60 488,385	1 715 878,975	28,367	27,907
39	44	96 789	59 623,639	1 655 390,589	27,764	27,304
40	45	96 587	58 764,854	1 595 766,951	27,155	26,695
41	46	96 356	57 900,732	1 537 002,096	26,545	26,085
42	47	96 111	57 040,102	1 479 101,364	25,931	25,471
43	48	95 841	56 177,651	1 422 061,261	25,314	24,853
44	49	95 541	55 310,360	1 365 883,610	24,695	24,235
45	50	95 202	54 433,975	1 310 573,250	24,076	23,616
46	51	94 840	53 557,211	1 256 139,275	23,454	22,994
47	52	94 430	52 667,649	1 202 582,064	22,833	22,373
48	53	93 987	51 773,191	1 149 914,415	22,211	21,750
49	54	93 496	50 867,282	1 098 141,224	21,588	21,128
50	55	92 949	49 945,322	1 047 273,943	20,968	20,508
51	56	92 340	49 005,172	997 328,620	20,351	19,891
52	57	91 669	48 048,509	948 323,448	19,737	19,276
53	58	90 931	47 073,368	900 274,939	19,125	18,665
54	59	90 110	46 072,560	853 201,571	18,519	18,058
55	60	89 209	45 048,834	807 129,011	17,917	17,456
56	61	88 214	43 996,256	762 080,177	17,321	16,861
57	62	87 135	42 921,409	718 083,921	16,730	16,270
58	63	85 965	41 822,545	675 162,512	16,144	15,683
59	64	84 689	40 692,808	633 339,967	15,564	15,104
60	65	83 304	39 533,594	592 647,160	14,991	14,531
61	66	81 828	38 353,509	553 113,565	14,421	13,961
62	67	80 233	37 141,776	514 760,056	13,859	13,399
63	68	78 524	35 901,507	477 618,281	13,304	12,843
64	69	76 693	34 631,817	441 716,774	12,755	12,294
65	70	74 727	33 327,186	407 084,956	12,215	11,754
66	71	72 647	31 999,839	373 757,770	11,680	11,220
67	72	70 462	30 654,099	341 757,932	11,149	10,688
68	73	68 169	29 290,386	311 103,833	10,621	10,161
69	74	65 764	27 908,128	281 813,446	10,098	9,638
70	75	63 228	26 500,564	253 905,318	9,581	9,121
71	76	60 629	25 097,533	227 404,754	9,061	8,600
72	77	57 860	23 655,535	202 307,221	8,552	8,092
73	78	55 004	22 210,332	178 651,686	8,044	7,583
74	79	51 956	20 720,754	156 441,354	7,550	7,090
75	80	48 760	19 205,875	135 720,599	7,067	6,606
76	81	45 402	17 662,627	116 514,724	6,597	6,136
77	82	41 849	16 079,351	98 852,098	6,148	5,687
78	83	38 164	14 482,291	82 772,747	5,715	5,255
79	84	34 362	12 878,836	68 290,456	5,303	4,842
80	85	30 502	11 290,866	55 411,619	4,908	4,447
81	86	26 590	9 721,270	44 120,754	4,539	4,078
82	87	22 706	8 198,648	34 399,484	4,196	3,735
83	88	18 952	6 758,607	26 200,836	3,877	3,416
84	89	15 420	5 431,165	19 442,228	3,580	3,119
85	90	12 188	4 239,813	14 011,063	3,305	2,844
86	91	9 303	3 196,217	9 771,250	3,057	2,597
87	92	6 832	2 318,290	6 575,033	2,836	2,376
88	93	4 818	1 614,592	4 256,743	2,636	2,176
89	94	3 244	1 073,839	2 642,151	2,460	2,000
90	95	2 085	681,663	1 568,312	2,301	1,840
91	96	1 275	411,728	886,650	2,153	1,693
92	97	730	232,656	474,922	2,041	1,581
93	98	396	124,772	242,266	1,942	1,481
94	99	206	64,041	117,495	1,835	1,374
95	100	100	30,614	53,454	1,746	1,286

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 634	99 633,675	4 702 613,037	47,199	46,739
1	7	99 270	98 044,416	4 602 979,362	46,948	46,488
2	8	99 238	96 802,727	4 504 934,947	46,537	46,077
3	9	99 216	95 586,045	4 408 132,219	46,117	45,657
4	10	99 199	94 389,912	4 312 546,174	45,689	45,228
5	11	99 182	93 209,220	4 218 156,262	45,255	44,794
6	12	99 165	92 042,123	4 124 947,042	44,816	44,355
7	13	99 148	90 890,399	4 032 904,919	44,371	43,911
8	14	99 130	89 752,106	3 942 014,521	43,921	43,461
9	15	99 112	88 628,302	3 852 262,415	43,465	43,005
10	16	99 092	87 516,472	3 763 634,113	43,005	42,544
11	17	99 070	86 416,447	3 676 117,640	42,540	42,079
12	18	99 049	85 331,351	3 589 701,193	42,068	41,607
13	19	99 022	84 255,473	3 504 369,842	41,592	41,132
14	20	98 996	83 192,759	3 420 114,370	41,111	40,650
15	21	98 964	82 139,352	3 336 921,611	40,625	40,165
16	22	98 932	81 098,942	3 254 782,259	40,133	39,673
17	23	98 891	80 064,861	3 173 683,317	39,639	39,179
18	24	98 846	79 040,452	3 093 618,456	39,140	38,679
19	25	98 791	78 020,690	3 014 578,004	38,638	38,178
20	26	98 732	77 012,176	2 936 557,313	38,131	37,671
21	27	98 671	76 014,254	2 859 545,137	37,619	37,158
22	28	98 610	75 029,233	2 783 530,882	37,099	36,639
23	29	98 542	74 051,875	2 708 501,649	36,576	36,115
24	30	98 476	73 088,783	2 634 449,774	36,045	35,584
25	31	98 398	72 129,293	2 561 360,991	35,511	35,050
26	32	98 324	71 185,252	2 489 231,698	34,968	34,508
27	33	98 246	70 250,082	2 418 046,447	34,421	33,960
28	34	98 165	69 325,765	2 347 796,364	33,866	33,406
29	35	98 077	68 408,908	2 278 470,599	33,307	32,846
30	36	97 986	67 501,278	2 210 061,691	32,741	32,281
31	37	97 886	66 599,952	2 142 560,413	32,171	31,710
32	38	97 779	65 706,017	2 075 960,461	31,595	31,134
33	39	97 658	64 814,565	2 010 254,444	31,015	30,555
34	40	97 528	63 929,093	1 945 439,879	30,431	29,971
35	41	97 386	63 047,995	1 881 510,786	29,843	29,382
36	42	97 236	62 173,610	1 818 462,791	29,248	28,788
37	43	97 075	61 304,558	1 756 289,181	28,649	28,188
38	44	96 892	60 433,458	1 694 984,623	28,047	27,587
39	45	96 695	59 565,770	1 634 551,165	27,441	26,981
40	46	96 476	58 697,143	1 574 985,395	26,832	26,372
41	47	96 239	57 830,237	1 516 288,252	26,220	25,759
42	48	95 979	56 961,940	1 458 458,015	25,604	25,144
43	49	95 688	56 088,101	1 401 496,074	24,987	24,527
44	50	95 374	55 213,674	1 345 407,973	24,367	23,907
45	51	95 026	54 333,098	1 290 194,299	23,746	23,286
46	52	94 636	53 442,454	1 235 861,201	23,125	22,665
47	53	94 210	52 544,777	1 182 418,747	22,503	22,043
48	54	93 745	51 640,254	1 129 873,970	21,880	21,419
49	55	93 226	50 720,342	1 078 233,716	21,258	20,798
50	56	92 648	49 783,227	1 027 513,375	20,640	20,179
51	57	92 009	48 829,883	977 730,147	20,023	19,563
52	58	91 309	47 859,960	928 900,265	19,409	18,948
53	59	90 536	46 868,627	881 040,304	18,798	18,338
54	60	89 686	45 855,726	834 171,677	18,191	17,731
55	61	88 739	44 811,158	788 315,952	17,592	17,132
56	62	87 712	43 746,098	743 504,793	16,996	16,536
57	63	86 600	42 658,110	699 758,695	16,404	15,943
58	64	85 385	41 540,289	657 100,585	15,818	15,358
59	65	84 056	40 388,724	615 560,296	15,241	14,781
60	66	82 640	39 218,494	575 171,572	14,666	14,205
61	67	81 111	38 017,451	535 953,078	14,098	13,637
62	68	79 473	36 789,589	497 935,627	13,535	13,074
63	69	77 702	35 525,774	461 146,038	12,981	12,520
64	70	75 807	34 231,661	425 620,264	12,434	11,973
65	71	73 785	32 907,304	391 388,603	11,894	11,433
66	72	71 652	31 561,384	358 481,300	11,358	10,898
67	73	69 418	30 200,002	326 919,916	10,825	10,365
68	74	67 050	28 809,551	296 719,914	10,299	9,839
69	75	64 591	27 410,159	267 910,364	9,774	9,314
70	76	62 012	25 990,922	240 500,205	9,253	8,793
71	77	59 321	24 556,281	214 509,283	8,735	8,275
72	78	56 483	23 092,616	189 953,002	8,226	7,765
73	79	53 494	21 600,702	166 860,385	7,725	7,264
74	80	50 324	20 069,823	145 259,683	7,238	6,777
75	81	46 982	18 505,600	125 189,860	6,765	6,305
76	82	43 465	16 908,894	106 684,260	6,309	5,849
77	83	39 783	15 285,369	89 775,366	5,873	5,413
78	84	35 999	13 660,979	74 489,997	5,453	4,992
79	85	32 123	12 039,611	60 829,017	5,052	4,592
80	86	28 180	10 431,352	48 789,406	4,677	4,217
81	87	24 272	8 873,769	38 358,054	4,323	3,862
82	88	20 436	7 379,230	29 484,284	3,996	3,535
83	89	16 787	5 986,761	22 105,054	3,692	3,232
84	90	13 423	4 727,732	16 118,293	3,409	2,949
85	91	10 390	3 614,542	11 390,561	3,151	2,691
86	92	7 743	2 660,421	7 776,020	2,923	2,462
87	93	5 551	1 883,606	5 115,598	2,716	2,255
88	94	3 811	1 277,184	3 231,992	2,531	2,070
89	95	2 497	826,678	1 954,808	2,365	1,904
90	96	1 558	509,354	1 128,130	2,215	1,754
91	97	911	294,116	618,776	2,104	1,643
92	98	511	163,087	324,660	1,991	1,530
93	99	272	85,703	161,572	1,885	1,425
94	100	136	42,461	75,869	1,787	1,326

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 625	99 624,861	4 679 770,315	46,974	46,514
1	8	99 265	98 039,861	4 580 145,454	46,717	46,257
2	9	99 231	96 795,982	4 482 105,593	46,305	45,844
3	10	99 209	95 580,198	4 385 309,612	45,881	45,421
4	11	99 193	94 384,390	4 289 729,414	45,450	44,989
5	12	99 175	93 202,012	4 195 345,023	45,013	44,553
6	13	99 157	92 034,895	4 102 143,011	44,572	44,111
7	14	99 138	90 881,836	4 010 108,115	44,124	43,664
8	15	99 121	89 743,830	3 919 226,280	43,671	43,211
9	16	99 100	88 617,519	3 829 482,449	43,214	42,753
10	17	99 078	87 503,586	3 740 864,931	42,751	42,291
11	18	99 056	86 404,680	3 653 361,345	42,282	41,822
12	19	99 029	85 314,539	3 566 956,664	41,809	41,349
13	20	99 005	84 240,746	3 481 642,125	41,330	40,869
14	21	98 977	83 177,378	3 397 401,379	40,845	40,385
15	22	98 948	82 125,808	3 314 224,001	40,355	39,895
16	23	98 916	81 085,738	3 232 098,194	39,860	39,400
17	24	98 873	80 050,452	3 151 012,455	39,363	38,902
18	25	98 828	79 026,230	3 070 962,003	38,860	38,400
19	26	98 772	78 005,849	2 991 935,773	38,355	37,895
20	27	98 714	76 997,683	2 913 929,924	37,844	37,384
21	28	98 650	75 997,897	2 836 932,241	37,329	36,869
22	29	98 587	75 011,553	2 760 934,344	36,807	36,346
23	30	98 517	74 032,713	2 685 922,791	36,280	35,820
24	31	98 445	73 065,605	2 611 890,078	35,747	35,287
25	32	98 367	72 106,644	2 538 824,474	35,209	34,749
26	33	98 291	71 160,861	2 466 717,829	34,664	34,204
27	34	98 210	70 224,769	2 395 556,968	34,113	33,652
28	35	98 125	69 297,619	2 325 332,199	33,556	33,095
29	36	98 037	68 380,715	2 256 034,580	32,992	32,532
30	37	97 941	67 470,329	2 187 653,865	32,424	31,964
31	38	97 839	66 568,340	2 120 183,536	31,850	31,389
32	39	97 720	65 666,380	2 053 615,196	31,273	30,813
33	40	97 599	64 775,602	1 987 948,817	30,690	30,229
34	41	97 461	63 885,257	1 923 173,215	30,104	29,643
35	42	97 314	63 001,323	1 859 287,958	29,512	29,051
36	43	97 159	62 124,259	1 796 286,635	28,914	28,454
37	44	96 987	61 248,890	1 734 162,376	28,313	27,853
38	45	96 798	60 374,802	1 672 913,486	27,709	27,248
39	46	96 583	59 497,136	1 612 538,684	27,103	26,642
40	47	96 358	58 625,679	1 553 041,548	26,491	26,030
41	48	96 107	57 750,992	1 494 415,869	25,877	25,416
42	49	95 826	56 871,140	1 436 664,877	25,262	24,801
43	50	95 521	55 990,055	1 379 793,737	24,644	24,183
44	51	95 197	55 111,352	1 323 803,681	24,021	23,560
45	52	94 822	54 216,679	1 268 692,329	23,400	22,940
46	53	94 416	53 317,774	1 214 475,651	22,778	22,318
47	54	93 968	52 409,859	1 161 157,876	22,155	21,695
48	55	93 475	51 491,081	1 108 748,017	21,533	21,072
49	56	92 924	50 555,731	1 057 256,936	20,913	20,452
50	57	92 316	49 605,154	1 006 701,205	20,294	19,834
51	58	91 648	48 638,268	957 096,050	19,678	19,217
52	59	90 912	47 651,798	908 457,782	19,065	18,604
53	60	90 109	46 648,046	860 805,984	18,453	17,993
54	61	89 213	45 613,793	814 157,938	17,849	17,389
55	62	88 234	44 556,367	768 544,145	17,249	16,788
56	63	87 174	43 477,740	723 987,778	16,652	16,192
57	64	86 016	42 370,215	680 510,038	16,061	15,601
58	65	84 747	41 229,872	638 139,823	15,478	15,017
59	66	83 386	40 066,808	596 909,951	14,898	14,437
60	67	81 916	38 874,857	556 843,143	14,324	13,864
61	68	80 342	37 656,961	517 968,286	13,755	13,295
62	69	78 641	36 404,562	480 311,324	13,194	12,733
63	70	76 804	35 115,288	443 906,763	12,641	12,181
64	71	74 852	33 800,383	408 791,475	12,094	11,634
65	72	72 774	32 456,415	374 991,092	11,554	11,093
66	73	70 591	31 093,847	342 534,677	11,016	10,556
67	74	68 279	29 704,234	311 440,830	10,485	10,024
68	75	65 854	28 295,497	281 736,597	9,957	9,497
69	76	63 348	26 883,024	253 441,100	9,428	8,967
70	77	60 674	25 430,403	226 558,076	8,909	8,449
71	78	57 910	23 971,928	201 127,673	8,390	7,930
72	79	54 932	22 458,770	177 155,745	7,888	7,428
73	80	51 814	20 922,128	154 696,975	7,394	6,934
74	81	48 489	19 338,047	133 774,848	6,918	6,457
75	82	44 977	17 715,895	114 436,800	6,460	5,999
76	83	41 319	16 073,951	96 720,906	6,017	5,557
77	84	37 526	14 418,514	80 646,955	5,593	5,133
78	85	33 653	12 770,787	66 228,441	5,186	4,726
79	86	29 678	11 123,100	53 457,654	4,806	4,346
80	87	25 723	9 521,947	42 334,555	4,446	3,986
81	88	21 846	7 986,876	32 812,608	4,108	3,648
82	89	18 102	6 536,508	24 825,731	3,798	3,338
83	90	14 613	5 211,368	18 289,224	3,509	3,049
84	91	11 443	4 030,504	13 077,856	3,245	2,784
85	92	8 649	3 008,620	9 047,351	3,007	2,547
86	93	6 291	2 161,587	6 038,732	2,794	2,333
87	94	4 391	1 489,981	3 877,144	2,602	2,142
88	95	2 934	983,220	2 387,163	2,428	1,968
89	96	1 866	617,713	1 403,943	2,273	1,812
90	97	1 113	363,856	786,230	2,161	1,700
91	98	639	206,170	422,374	2,049	1,588
92	99	351	112,022	216,204	1,930	1,470
93	100	180	56,824	104,182	1,833	1,373

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 620	99 620,233	4 655 693,449	46,734	46,274
1	9	99 258	98 033,029	4 556 073,216	46,475	46,014
2	10	99 225	96 790,060	4 458 040,187	46,059	45,598
3	11	99 204	95 574,607	4 361 250,127	45,632	45,172
4	12	99 185	94 377,092	4 265 675,519	45,198	44,738
5	13	99 167	93 194,694	4 171 298,427	44,759	44,299
6	14	99 148	92 026,224	4 078 103,734	44,315	43,854
7	15	99 129	90 873,456	3 986 077,509	43,864	43,404
8	16	99 109	89 732,911	3 895 204,053	43,409	42,948
9	17	99 086	88 604,470	3 805 471,142	42,949	42,489
10	18	99 064	87 491,671	3 716 866,672	42,483	42,022
11	19	99 037	86 387,657	3 629 375,001	42,013	41,552
12	20	99 012	85 299,627	3 542 987,344	41,536	41,075
13	21	98 987	84 225,171	3 457 687,717	41,053	40,593
14	22	98 961	83 163,663	3 373 462,545	40,564	40,104
15	23	98 931	82 112,437	3 290 298,883	40,071	39,610
16	24	98 898	81 071,146	3 208 186,446	39,572	39,112
17	25	98 856	80 036,048	3 127 115,300	39,071	38,611
18	26	98 810	79 011,197	3 047 079,252	38,565	38,105
19	27	98 753	77 991,169	2 968 068,055	38,056	37,596
20	28	98 693	76 981,114	2 890 076,886	37,543	37,082
21	29	98 627	75 979,989	2 813 095,772	37,024	36,564
22	30	98 561	74 992,143	2 737 115,783	36,499	36,038
23	31	98 485	74 009,235	2 662 123,640	35,970	35,510
24	32	98 414	73 042,662	2 588 114,406	35,433	34,973
25	33	98 334	72 081,938	2 515 071,744	34,892	34,431
26	34	98 255	71 135,220	2 442 989,805	34,343	33,883
27	35	98 170	70 196,258	2 371 854,586	33,789	33,329
28	36	98 084	69 269,059	2 301 658,327	33,228	32,767
29	37	97 992	68 349,363	2 232 389,268	32,661	32,201
30	38	97 894	67 438,303	2 164 039,906	32,089	31,629
31	39	97 780	66 528,182	2 096 601,602	31,514	31,054
32	40	97 661	65 626,904	2 030 073,420	30,934	30,473
33	41	97 533	64 731,185	1 964 446,516	30,348	29,887
34	42	97 389	63 837,965	1 899 715,330	29,758	29,298
35	43	97 237	62 951,315	1 835 877,365	29,163	28,703
36	44	97 071	62 067,846	1 772 926,050	28,564	28,104
37	45	96 893	61 189,443	1 710 858,204	27,960	27,500
38	46	96 687	60 305,236	1 649 668,761	27,355	26,895
39	47	96 466	59 424,697	1 589 363,524	26,746	26,285
40	48	96 226	58 545,344	1 529 938,827	26,133	25,672
41	49	95 954	57 658,935	1 471 393,483	25,519	25,059
42	50	95 658	56 771,725	1 413 734,549	24,902	24,442
43	51	95 344	55 886,294	1 356 962,823	24,281	23,820
44	52	94 993	54 993,265	1 301 076,529	23,659	23,198
45	53	94 601	54 090,193	1 246 083,264	23,037	22,577
46	54	94 173	53 180,872	1 191 993,071	22,414	21,954
47	55	93 696	52 258,463	1 138 812,199	21,792	21,332
48	56	93 171	51 323,969	1 086 553,736	21,170	20,710
49	57	92 591	50 374,896	1 035 229,767	20,551	20,090
50	58	91 954	49 410,497	984 854,871	19,932	19,472
51	59	91 250	48 426,720	935 444,374	19,317	18,856
52	60	90 484	47 427,531	887 017,654	18,703	18,242
53	61	89 634	46 401,933	839 590,122	18,094	17,633
54	62	88 706	45 354,438	793 188,189	17,489	17,028
55	63	87 693	44 283,039	747 833,751	16,888	16,427
56	64	86 586	43 184,314	703 550,712	16,292	15,831
57	65	85 373	42 053,596	660 366,399	15,703	15,243
58	66	84 071	40 901,252	618 312,802	15,117	14,657
59	67	82 655	39 715,738	577 411,551	14,539	14,078
60	68	81 140	38 506,237	537 695,813	13,964	13,503
61	69	79 501	37 262,856	499 189,575	13,396	12,936
62	70	77 732	35 983,921	461 926,719	12,837	12,377
63	71	75 836	34 672,878	425 942,798	12,285	11,824
64	72	73 826	33 337,258	391 269,920	11,737	11,276
65	73	71 696	31 975,619	357 932,663	11,194	10,734
66	74	69 432	30 583,405	325 957,044	10,658	10,198
67	75	67 060	29 174,216	295 373,639	10,124	9,664
68	76	64 587	27 751,335	266 199,423	9,592	9,132
69	77	61 982	26 303,266	238 448,087	9,065	8,605
70	78	59 231	24 825,249	212 144,821	8,546	8,085
71	79	56 320	23 313,946	187 319,572	8,035	7,574
72	80	53 207	21 753,239	164 005,626	7,539	7,079
73	81	49 924	20 159,276	142 252,387	7,056	6,596
74	82	46 420	18 512,818	122 093,111	6,595	6,135
75	83	42 756	16 841,102	103 580,293	6,150	5,690
76	84	38 975	15 162,374	86 739,191	5,721	5,260
77	85	35 081	13 478,958	71 576,817	5,310	4,850
78	86	31 092	11 798,615	58 097,859	4,924	4,464
79	87	27 091	10 153,388	46 299,244	4,560	4,100
80	88	23 152	8 570,271	36 145,856	4,218	3,757
81	89	19 351	7 074,759	27 575,585	3,898	3,437
82	90	15 758	5 689,913	20 500,826	3,603	3,143
83	91	12 458	4 442,816	14 810,913	3,334	2,873
84	92	9 525	3 354,853	10 368,097	3,090	2,630
85	93	7 027	2 444,498	7 013,245	2,869	2,409
86	94	4 977	1 709,871	4 568,746	2,672	2,212
87	95	3 380	1 147,039	2 858,875	2,492	2,032
88	96	2 192	734,685	1 711,836	2,330	1,870
89	97	1 333	441,262	977,151	2,214	1,754
90	98	780	255,056	535,889	2,101	1,641
91	99	439	141,615	280,833	1,983	1,523
92	100	233	74,274	139,219	1,874	1,414

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 613	99 613,291	4 630 382,102	46,484	46,023
1	10	99 252	98 027,032	4 530 768,811	46,220	45,759
2	11	99 219	96 784,399	4 432 741,779	45,800	45,340
3	12	99 196	95 567,217	4 335 957,380	45,371	44,910
4	13	99 177	94 369,681	4 240 390,164	44,934	44,473
5	14	99 157	93 185,913	4 146 020,483	44,492	44,032
6	15	99 138	92 017,739	4 052 834,569	44,044	43,584
7	16	99 117	90 862,399	3 960 816,830	43,591	43,131
8	17	99 094	89 719,699	3 869 954,431	43,134	42,673
9	18	99 072	88 592,405	3 780 234,732	42,670	42,210
10	19	99 045	87 474,434	3 691 642,327	42,203	41,742
11	20	99 020	86 372,557	3 604 167,893	41,728	41,268
12	21	98 994	85 283,857	3 517 795,335	41,248	40,788
13	22	98 970	84 211,283	3 432 511,478	40,761	40,300
14	23	98 945	83 150,123	3 348 300,196	40,268	39,808
15	24	98 914	82 097,660	3 265 150,073	39,772	39,311
16	25	98 880	81 056,558	3 183 052,413	39,270	38,809
17	26	98 837	80 020,823	3 101 995,855	38,765	38,304
18	27	98 791	78 996,328	3 021 975,032	38,255	37,794
19	28	98 732	77 974,386	2 942 978,705	37,743	37,283
20	29	98 669	76 962,974	2 865 004,318	37,226	36,765
21	30	98 601	75 960,328	2 788 041,344	36,704	36,244
22	31	98 530	74 968,360	2 712 081,016	36,176	35,716
23	32	98 454	73 985,996	2 637 112,656	35,643	35,183
24	33	98 380	73 017,636	2 563 126,660	35,103	34,642
25	34	98 298	72 055,965	2 490 109,025	34,558	34,098
26	35	98 215	71 106,339	2 418 053,060	34,006	33,546
27	36	98 130	70 167,328	2 346 946,720	33,448	32,987
28	37	98 039	69 237,300	2 276 779,392	32,884	32,423
29	38	97 945	68 316,920	2 207 542,093	32,313	31,853
30	39	97 835	67 397,621	2 139 225,173	31,740	31,280
31	40	97 722	66 488,189	2 071 827,552	31,161	30,700
32	41	97 594	65 581,904	2 005 339,363	30,578	30,117
33	42	97 460	64 683,267	1 939 757,459	29,989	29,528
34	43	97 312	63 787,293	1 875 074,191	29,396	28,935
35	44	97 149	62 894,151	1 811 286,898	28,799	28,339
36	45	96 976	62 007,604	1 748 392,747	28,196	27,736
37	46	96 781	61 118,938	1 686 385,142	27,592	27,131
38	47	96 569	60 231,814	1 625 266,204	26,984	26,523
39	48	96 334	59 343,267	1 565 034,390	26,373	25,912
40	49	96 073	58 452,020	1 505 691,123	25,759	25,299
41	50	95 786	57 558,143	1 447 239,103	25,144	24,684
42	51	95 481	56 666,516	1 389 680,960	24,524	24,063
43	52	95 139	55 766,547	1 333 014,444	23,903	23,443
44	53	94 771	54 864,968	1 277 247,897	23,280	22,819
45	54	94 358	53 951,307	1 222 382,930	22,657	22,197
46	55	93 901	53 027,248	1 168 431,623	22,035	21,574
47	56	93 392	52 088,861	1 115 404,374	21,413	20,953
48	57	92 838	51 140,386	1 063 315,513	20,792	20,332
49	58	92 228	50 177,218	1 012 175,128	20,172	19,712
50	59	91 554	49 195,591	961 997,910	19,555	19,094
51	60	90 820	48 198,807	912 802,319	18,938	18,478
52	61	90 007	47 177,305	864 603,512	18,327	17,866
53	62	89 124	46 138,097	817 426,207	17,717	17,257
54	63	88 162	45 076,214	771 288,110	17,111	16,650
55	64	87 101	43 984,177	726 211,896	16,511	16,050
56	65	85 939	42 861,611	682 227,719	15,917	15,457
57	66	84 692	41 718,410	639 366,107	15,326	14,865
58	67	83 335	40 542,870	597 647,697	14,741	14,281
59	68	81 871	39 339,145	557 104,826	14,162	13,701
60	69	80 290	38 103,244	517 765,682	13,588	13,128
61	70	78 582	36 832,298	479 662,438	13,023	12,562
62	71	76 753	35 530,567	442 830,139	12,463	12,003
63	72	74 797	34 197,797	407 299,572	11,910	11,450
64	73	72 733	32 843,413	373 101,775	11,360	10,900
65	74	70 519	31 450,702	340 258,361	10,819	10,358
66	75	68 193	30 037,700	308 807,659	10,281	9,820
67	76	65 771	28 613,156	278 769,959	9,743	9,282
68	77	63 194	27 152,852	250 156,803	9,213	8,753
69	78	60 507	25 677,341	223 003,952	8,685	8,224
70	79	57 605	24 143,845	197 326,611	8,173	7,713
71	80	54 551	22 581,551	173 182,766	7,669	7,209
72	81	51 267	20 960,084	150 601,215	7,185	6,725
73	82	47 794	19 299,002	129 641,131	6,718	6,257
74	83	44 128	17 598,674	110 342,130	6,270	5,810
75	84	40 331	15 886,019	92 743,455	5,838	5,378
76	85	36 436	14 174,346	76 857,436	5,422	4,962
77	86	32 411	12 452,877	62 683,091	5,034	4,573
78	87	28 381	10 770,012	50 230,214	4,664	4,204
79	88	24 383	9 138,603	39 460,202	4,318	3,858
80	89	20 508	7 591,529	30 321,599	3,994	3,534
81	90	16 845	6 158,451	22 730,070	3,691	3,230
82	91	13 434	4 850,787	16 571,619	3,416	2,956
83	92	10 370	3 698,047	11 720,833	3,169	2,709
84	93	7 739	2 725,812	8 022,786	2,943	2,483
85	94	5 559	1 933,661	5 296,974	2,739	2,279
86	95	3 831	1 316,318	3 363,313	2,555	2,095
87	96	2 526	857,094	2 046,995	2,388	1,928
88	97	1 566	524,820	1 189,901	2,267	1,807
89	98	934	309,316	665,081	2,150	1,690
90	99	536	175,193	355,765	2,031	1,570
91	100	291	93,895	180,571	1,923	1,463

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 607	99 607,197	4 603 846,909	46,220	45,760
1	11	99 247	98 021,298	4 504 239,712	45,952	45,491
2	12	99 211	96 776,915	4 406 218,414	45,530	45,069
3	13	99 188	95 559,712	4 309 441,499	45,097	44,636
4	14	99 168	94 360,790	4 213 881,787	44,657	44,197
5	15	99 148	93 177,321	4 119 520,997	44,212	43,751
6	16	99 126	92 006,544	4 026 343,676	43,761	43,301
7	17	99 103	90 849,020	3 934 337,132	43,306	42,846
8	18	99 081	89 707,482	3 843 488,112	42,845	42,384
9	19	99 053	88 574,951	3 753 780,630	42,380	41,919
10	20	99 027	87 459,144	3 665 205,678	41,908	41,447
11	21	99 001	86 356,589	3 577 746,534	41,430	40,970
12	22	98 977	85 269,794	3 491 389,945	40,945	40,485
13	23	98 954	84 197,573	3 406 120,151	40,454	39,994
14	24	98 927	83 135,159	3 321 922,579	39,958	39,498
15	25	98 896	82 082,887	3 238 787,420	39,458	38,997
16	26	98 861	81 041,139	3 156 704,533	38,952	38,491
17	27	98 818	80 005,764	3 075 663,394	38,443	37,983
18	28	98 770	78 979,329	2 995 657,631	37,930	37,469
19	29	98 709	77 956,012	2 916 678,302	37,414	36,954
20	30	98 644	76 943,059	2 838 722,290	36,894	36,433
21	31	98 570	75 936,239	2 761 779,231	36,370	35,909
22	32	98 499	74 944,820	2 685 842,992	35,838	35,377
23	33	98 421	73 960,646	2 610 898,172	35,301	34,841
24	34	98 345	72 991,325	2 536 937,526	34,757	34,296
25	35	98 258	72 026,710	2 463 946,201	34,209	33,748
26	36	98 175	71 077,034	2 391 919,491	33,652	33,192
27	37	98 085	70 135,156	2 320 842,456	33,091	32,631
28	38	97 993	69 204,435	2 250 707,300	32,523	32,062
29	39	97 886	68 275,707	2 181 502,865	31,951	31,491
30	40	97 776	67 357,105	2 113 227,157	31,373	30,913
31	41	97 655	66 442,598	2 045 870,052	30,792	30,331
32	42	97 522	65 533,357	1 979 427,454	30,205	29,744
33	43	97 383	64 631,924	1 913 894,097	29,612	29,152
34	44	97 223	63 729,370	1 849 262,173	29,017	28,557
35	45	97 054	62 833,108	1 785 532,802	28,417	27,957
36	46	96 865	61 936,157	1 722 699,695	27,814	27,354
37	47	96 664	61 044,525	1 660 763,538	27,206	26,745
38	48	96 437	60 149,278	1 599 719,013	26,596	26,135
39	49	96 180	59 248,671	1 539 569,734	25,985	25,524
40	50	95 905	58 349,841	1 480 321,063	25,370	24,909
41	51	95 609	57 451,476	1 421 971,222	24,751	24,290
42	52	95 277	56 545,097	1 364 519,746	24,132	23,671
43	53	94 917	55 636,446	1 307 974,649	23,509	23,049
44	54	94 528	54 724,092	1 252 338,204	22,885	22,424
45	55	94 085	53 795,458	1 197 614,111	22,262	21,802
46	56	93 596	52 855,151	1 143 818,653	21,641	21,180
47	57	93 058	51 902,541	1 090 963,502	21,019	20,559
48	58	92 474	50 939,704	1 039 060,961	20,398	19,937
49	59	91 827	49 958,976	988 121,257	19,779	19,318
50	60	91 123	48 964,059	938 162,280	19,160	18,700
51	61	90 341	47 944,512	889 198,222	18,546	18,086
52	62	89 495	46 909,061	841 253,710	17,934	17,473
53	63	88 578	45 855,066	794 344,649	17,323	16,863
54	64	87 567	44 771,999	748 489,583	16,718	16,257
55	65	86 450	43 655,498	703 717,584	16,120	15,659
56	66	85 254	42 519,986	660 062,086	15,524	15,063
57	67	83 950	41 352,869	617 542,100	14,933	14,473
58	68	82 545	40 158,434	576 189,231	14,348	13,888
59	69	81 014	38 927,434	536 030,797	13,770	13,310
60	70	79 363	37 662,976	497 103,363	13,199	12,738
61	71	77 592	36 368,256	459 440,387	12,633	12,173
62	72	75 701	35 043,735	423 072,131	12,073	11,612
63	73	73 689	33 691,205	388 028,396	11,517	11,057
64	74	71 539	32 304,251	354 337,190	10,969	10,508
65	75	69 261	30 889,522	322 032,940	10,425	9,965
66	76	66 881	29 460,034	291 143,418	9,883	9,422
67	77	64 352	27 996,086	261 683,384	9,347	8,887
68	78	61 690	26 506,709	233 687,298	8,816	8,356
69	79	58 846	24 972,549	207 180,589	8,296	7,836
70	80	55 795	23 385,379	182 208,041	7,792	7,331
71	81	52 562	21 758,194	158 822,662	7,299	6,839
72	82	49 079	20 065,636	137 064,468	6,831	6,370
73	83	45 434	18 346,037	116 998,832	6,377	5,917
74	84	41 625	16 600,628	98 652,795	5,943	5,482
75	85	37 703	14 850,836	82 052,167	5,525	5,065
76	86	33 662	13 095,329	67 201,331	5,132	4,671
77	87	29 585	11 367,235	54 106,002	4,760	4,299
78	88	25 545	9 693,598	42 738,767	4,409	3,949
79	89	21 598	8 094,956	33 045,169	4,082	3,622
80	90	17 852	6 608,290	24 950,213	3,776	3,315
81	91	14 361	5 250,226	18 341,923	3,494	3,033
82	92	11 182	4 037,627	13 091,697	3,242	2,782
83	93	8 425	3 004,656	9 054,069	3,013	2,553
84	94	6 122	2 156,187	6 049,413	2,806	2,345
85	95	4 279	1 488,599	3 893,226	2,615	2,155
86	96	2 863	983,583	2 404,626	2,445	1,984
87	97	1 804	612,263	1 421,043	2,321	1,861
88	98	1 098	367,889	808,780	2,198	1,738
89	99	642	212,464	440,891	2,075	1,615
90	100	355	116,159	228,428	1,967	1,506

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	11	99 601	99 601,371	4 576 098,959	45,944	45,484
1	12	99 239	98 013,718	4 476 497,588	45,672	45,212
2	13	99 204	96 769,315	4 378 483,870	45,247	44,786
3	14	99 179	95 550,709	4 281 714,555	44,811	44,351
4	15	99 159	94 352,089	4 186 163,845	44,367	43,907
5	16	99 136	93 165,984	4 091 811,756	43,920	43,459
6	17	99 112	91 992,996	3 998 645,772	43,467	43,006
7	18	99 089	90 836,650	3 906 652,776	43,007	42,547
8	19	99 061	89 689,808	3 815 816,125	42,545	42,084
9	20	99 035	88 559,469	3 726 126,317	42,075	41,614
10	21	99 009	87 442,975	3 637 566,848	41,599	41,139
11	22	98 985	86 342,349	3 550 123,873	41,117	40,656
12	23	98 961	85 255,911	3 463 781,524	40,628	40,168
13	24	98 937	84 182,420	3 378 525,613	40,133	39,673
14	25	98 909	83 120,200	3 294 343,193	39,633	39,173
15	26	98 877	82 067,273	3 211 222,994	39,129	38,669
16	27	98 843	81 025,887	3 129 155,721	38,619	38,159
17	28	98 797	79 988,548	3 048 129,833	38,107	37,647
18	29	98 746	78 960,718	2 968 141,286	37,590	37,130
19	30	98 683	77 935,839	2 889 180,568	37,071	36,611
20	31	98 613	76 918,658	2 811 244,728	36,548	36,088
21	32	98 539	75 912,395	2 734 326,070	36,019	35,559
22	33	98 465	74 919,142	2 658 413,676	35,484	35,023
23	34	98 385	73 933,996	2 583 494,534	34,943	34,483
24	35	98 305	72 961,691	2 509 560,538	34,396	33,935
25	36	98 218	71 997,026	2 436 598,847	33,843	33,383
26	37	98 130	71 044,446	2 364 601,821	33,283	32,823
27	38	98 038	70 101,866	2 293 557,376	32,717	32,257
28	39	97 934	69 162,688	2 223 455,510	32,148	31,688
29	40	97 828	68 234,664	2 154 292,822	31,572	31,111
30	41	97 709	67 310,919	2 086 058,159	30,991	30,531
31	42	97 582	66 393,414	2 018 747,240	30,406	29,945
32	43	97 445	65 481,339	1 952 353,826	29,815	29,355
33	44	97 295	64 573,234	1 886 872,488	29,221	28,760
34	45	97 129	63 667,516	1 822 299,253	28,622	28,162
35	46	96 942	62 760,709	1 758 631,737	28,021	27,561
36	47	96 747	61 860,749	1 695 871,028	27,414	26,954
37	48	96 531	60 960,876	1 634 010,279	26,804	26,344
38	49	96 283	60 053,397	1 573 049,403	26,194	25,734
39	50	96 012	59 145,100	1 512 996,006	25,581	25,121
40	51	95 727	58 241,707	1 453 850,906	24,962	24,502
41	52	95 404	57 328,375	1 395 609,198	24,344	23,884
42	53	95 054	56 413,179	1 338 280,824	23,723	23,262
43	54	94 674	55 493,589	1 281 867,645	23,099	22,639
44	55	94 255	54 566,011	1 226 374,055	22,475	22,015
45	56	93 780	53 620,868	1 171 808,044	21,854	21,393
46	57	93 262	52 666,090	1 118 187,176	21,232	20,771
47	58	92 693	51 698,869	1 065 521,086	20,610	20,150
48	59	92 071	50 718,146	1 013 822,217	19,989	19,529
49	60	91 395	49 723,852	963 104,071	19,369	18,909
50	61	90 642	48 705,726	913 380,219	18,753	18,293
51	62	89 827	47 671,905	864 674,493	18,138	17,678
52	63	88 946	46 621,300	817 002,588	17,524	17,064
53	64	87 980	45 545,595	770 381,288	16,915	16,454
54	65	86 912	44 437,433	724 835,694	16,311	15,851
55	66	85 761	43 307,544	680 398,261	15,711	15,250
56	67	84 507	42 147,421	637 090,716	15,116	14,655
57	68	83 154	40 960,752	594 943,296	14,525	14,064
58	69	81 681	39 738,149	553 982,544	13,941	13,480
59	70	80 078	38 477,643	514 244,395	13,365	12,904
60	71	78 363	37 188,468	475 766,751	12,793	12,333
61	72	76 529	35 869,946	438 578,283	12,227	11,767
62	73	74 580	34 524,612	402 708,337	11,664	11,204
63	74	72 479	33 138,125	368 183,725	11,111	10,650
64	75	70 262	31 727,840	335 045,600	10,560	10,100
65	76	67 929	30 295,474	303 317,760	10,012	9,552
66	77	65 439	28 824,700	273 022,286	9,472	9,011
67	78	62 821	27 329,878	244 197,586	8,935	8,475
68	79	59 997	25 779,153	216 867,708	8,413	7,952
69	80	56 998	24 188,049	191 088,556	7,900	7,440
70	81	53 761	22 532,713	166 900,506	7,407	6,947
71	82	50 319	20 829,687	144 367,793	6,931	6,470
72	83	46 655	19 074,816	123 538,106	6,477	6,016
73	84	42 857	17 305,607	104 463,290	6,036	5,576
74	85	38 913	15 518,879	87 157,683	5,616	5,156
75	86	34 833	13 720,321	71 638,804	5,221	4,761
76	87	30 727	11 953,678	57 918,483	4,845	4,385
77	88	26 628	10 231,131	45 964,805	4,493	4,032
78	89	22 627	8 586,570	35 733,674	4,162	3,701
79	90	18 801	7 046,514	27 147,104	3,853	3,392
80	91	15 219	5 633,725	20 100,590	3,568	3,108
81	92	11 953	4 370,107	14 466,865	3,310	2,850
82	93	9 085	3 280,565	10 096,758	3,078	2,617
83	94	6 665	2 376,760	6 816,193	2,868	2,407
84	95	4 713	1 659,908	4 439,432	2,675	2,214
85	96	3 197	1 112,316	2 779,524	2,499	2,038
86	97	2 045	702,620	1 667,209	2,373	1,912
87	98	1 265	429,185	964,589	2,247	1,787
88	99	754	252,696	535,404	2,119	1,658
89	100	426	140,871	282,708	2,007	1,546

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 594	99 593,669	4 547 152,703	45,657	45,197
1	13	99 231	98 006,022	4 447 559,034	45,380	44,920
2	14	99 194	96 760,198	4 349 553,012	44,952	44,491
3	15	99 170	95 541,899	4 252 792,814	44,512	44,052
4	16	99 147	94 340,610	4 157 250,915	44,066	43,606
5	17	99 122	93 152,266	4 062 910,305	43,616	43,155
6	18	99 098	91 980,470	3 969 758,039	43,159	42,698
7	19	99 070	90 818,754	3 877 777,569	42,698	42,238
8	20	99 044	89 674,131	3 786 958,815	42,230	41,770
9	21	99 017	88 543,096	3 697 284,684	41,757	41,297
10	22	98 993	87 428,556	3 608 741,588	41,276	40,816
11	23	98 969	86 328,292	3 521 313,032	40,790	40,329
12	24	98 943	85 240,568	3 434 984,740	40,298	39,837
13	25	98 919	84 167,272	3 349 744,172	39,799	39,338
14	26	98 890	83 104,388	3 265 576,900	39,295	38,834
15	27	98 858	82 051,828	3 182 472,512	38,786	38,326
16	28	98 821	81 008,452	3 100 420,683	38,273	37,812
17	29	98 774	79 969,699	3 019 412,232	37,757	37,297
18	30	98 721	78 940,286	2 939 442,533	37,236	36,776
19	31	98 652	77 911,124	2 860 502,247	36,715	36,255
20	32	98 582	76 894,505	2 782 591,123	36,187	35,727
21	33	98 505	75 886,385	2 705 696,618	35,655	35,194
22	34	98 430	74 892,146	2 629 810,233	35,115	34,654
23	35	98 345	73 903,979	2 554 918,087	34,571	34,110
24	36	98 264	72 931,621	2 481 014,108	34,018	33,558
25	37	98 173	71 964,015	2 408 082,487	33,462	33,002
26	38	98 083	71 010,723	2 336 118,472	32,898	32,438
27	39	97 979	70 059,577	2 265 107,748	32,331	31,871
28	40	97 875	69 121,111	2 195 048,172	31,757	31,296
29	41	97 760	68 187,875	2 125 927,061	31,177	30,717
30	42	97 637	67 261,091	2 057 739,185	30,593	30,133
31	43	97 505	66 340,713	1 990 478,094	30,004	29,543
32	44	97 356	65 421,878	1 924 137,381	29,411	28,951
33	45	97 200	64 510,561	1 858 715,504	28,813	28,352
34	46	97 017	63 594,156	1 794 204,943	28,213	27,753
35	47	96 824	62 684,297	1 730 610,786	27,608	27,148
36	48	96 614	61 775,981	1 667 926,489	27,000	26,539
37	49	96 377	60 863,701	1 606 150,508	26,389	25,929
38	50	96 115	59 948,420	1 545 286,807	25,777	25,317
39	51	95 834	59 035,493	1 485 338,388	25,160	24,700
40	52	95 522	58 116,913	1 426 302,895	24,542	24,082
41	53	95 181	57 194,630	1 368 185,982	23,922	23,461
42	54	94 810	56 268,328	1 310 991,352	23,299	22,839
43	55	94 400	55 333,285	1 254 723,024	22,676	22,215
44	56	93 949	54 388,920	1 199 389,739	22,052	21,592
45	57	93 445	53 429,068	1 145 000,819	21,430	20,970
46	58	92 896	52 459,422	1 091 571,751	20,808	20,348
47	59	92 290	51 474,009	1 039 112,329	20,187	19,727
48	60	91 638	50 479,449	987 638,320	19,565	19,105
49	61	90 913	49 461,511	937 158,872	18,947	18,487
50	62	90 127	48 428,791	887 697,361	18,330	17,870
51	63	89 276	47 379,464	839 268,570	17,714	17,253
52	64	88 346	46 306,658	791 889,105	17,101	16,641
53	65	87 322	45 205,247	745 582,448	16,493	16,033
54	66	86 219	44 083,247	700 377,200	15,888	15,427
55	67	85 010	42 928,079	656 293,953	15,288	14,828
56	68	83 706	41 747,770	613 365,875	14,692	14,232
57	69	82 284	40 532,070	571 618,105	14,103	13,642
58	70	80 737	39 278,991	531 086,035	13,521	13,060
59	71	79 070	37 992,871	491 807,044	12,945	12,484
60	72	77 289	36 678,920	453 814,173	12,373	11,912
61	73	75 396	35 338,584	417 135,253	11,804	11,344
62	74	73 355	33 957,850	381 796,669	11,243	10,783
63	75	71 186	32 546,836	347 838,819	10,687	10,227
64	76	68 911	31 117,670	315 291,983	10,132	9,672
65	77	66 464	29 642,124	284 174,313	9,587	9,126
66	78	63 882	28 138,774	254 532,189	9,046	8,585
67	79	61 097	26 579,727	226 393,416	8,518	8,057
68	80	58 112	24 969,314	199 813,689	8,002	7,542
69	81	54 920	23 306,117	174 844,375	7,502	7,042
70	82	51 467	21 571,155	151 538,258	7,025	6,565
71	83	47 834	19 801,139	129 967,103	6,564	6,103
72	84	44 010	17 993,055	110 165,964	6,123	5,662
73	85	40 065	16 177,919	92 172,908	5,697	5,237
74	86	35 951	14 337,509	75 994,989	5,300	4,840
75	87	31 796	12 524,184	61 657,480	4,923	4,463
76	88	27 656	10 758,962	49 133,296	4,567	4,106
77	89	23 587	9 062,716	38 374,334	4,234	3,774
78	90	19 697	7 474,455	29 311,619	3,922	3,461
79	91	16 028	6 007,322	21 837,164	3,635	3,175
80	92	12 668	4 689,319	15 829,842	3,376	2,915
81	93	9 712	3 550,704	11 140,524	3,138	2,677
82	94	7 187	2 595,011	7 589,819	2,925	2,464
83	95	5 131	1 829,713	4 994,808	2,730	2,269
84	96	3 521	1 240,321	3 165,095	2,552	2,091
85	97	2 284	794,580	1 924,774	2,422	1,962
86	98	1 434	492,524	1 130,194	2,295	1,834
87	99	869	294,799	637,671	2,163	1,703
88	100	500	167,546	342,872	2,046	1,586

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 586	99 585,848	4 517 026,783	45,358	44,898
1	14	99 222	97 996,788	4 417 440,935	45,077	44,617
2	15	99 185	96 751,276	4 319 444,146	44,645	44,184
3	16	99 158	95 530,274	4 222 692,870	44,203	43,742
4	17	99 132	94 326,719	4 127 162,595	43,754	43,294
5	18	99 108	93 139,582	4 032 835,877	43,299	42,838
6	19	99 079	91 962,348	3 939 696,294	42,840	42,380
7	20	99 052	90 802,879	3 847 733,946	42,375	41,914
8	21	99 026	89 657,552	3 756 931,067	41,903	41,443
9	22	99 001	88 528,496	3 667 273,514	41,425	40,964
10	23	98 977	87 414,321	3 578 745,018	40,940	40,480
11	24	98 951	86 312,756	3 491 330,697	40,450	39,989
12	25	98 926	85 225,230	3 405 017,941	39,953	39,493
13	26	98 900	84 151,262	3 319 792,711	39,450	38,990
14	27	98 872	83 088,748	3 235 641,449	38,942	38,482
15	28	98 837	82 034,172	3 152 552,701	38,430	37,969
16	29	98 798	80 989,363	3 070 518,529	37,913	37,452
17	30	98 748	79 949,005	2 989 529,166	37,393	36,933
18	31	98 690	78 915,251	2 909 580,161	36,870	36,409
19	32	98 621	77 886,660	2 830 664,910	36,343	35,883
20	33	98 548	76 868,159	2 752 778,250	35,812	35,351
21	34	98 470	75 859,040	2 675 910,091	35,275	34,814
22	35	98 390	74 861,740	2 600 051,051	34,731	34,271
23	36	98 305	73 873,521	2 525 189,310	34,183	33,722
24	37	98 219	72 898,182	2 451 315,790	33,627	33,166
25	38	98 126	71 929,857	2 378 417,608	33,066	32,605
26	39	98 024	70 967,886	2 306 487,751	32,500	32,040
27	40	97 920	70 017,461	2 235 519,865	31,928	31,468
28	41	97 808	69 073,715	2 165 502,404	31,351	30,890
29	42	97 688	68 137,399	2 096 428,689	30,768	30,307
30	43	97 560	67 207,702	2 028 291,291	30,179	29,719
31	44	97 416	66 280,471	1 961 083,589	29,588	29,127
32	45	97 262	65 358,381	1 894 803,117	28,991	28,531
33	46	97 088	64 436,230	1 829 444,737	28,392	27,931
34	47	96 899	63 516,729	1 765 008,507	27,788	27,328
35	48	96 692	62 598,401	1 701 491,778	27,181	26,721
36	49	96 460	61 677,507	1 638 893,377	26,572	26,112
37	50	96 209	60 757,307	1 577 215,870	25,959	25,499
38	51	95 936	59 837,323	1 516 458,563	25,343	24,883
39	52	95 629	58 908,998	1 456 621,240	24,727	24,266
40	53	95 299	57 981,328	1 397 712,242	24,106	23,646
41	54	94 937	57 047,772	1 339 730,914	23,484	23,024
42	55	94 536	56 105,786	1 282 683,142	22,862	22,401
43	56	94 094	55 153,704	1 226 577,355	22,239	21,779
44	57	93 613	54 194,373	1 171 423,651	21,615	21,155
45	58	93 078	53 219,406	1 117 229,279	20,993	20,533
46	59	92 492	52 231,254	1 064 009,873	20,371	19,911
47	60	91 856	51 231,754	1 011 778,619	19,749	19,289
48	61	91 155	50 213,121	960 546,865	19,129	18,669
49	62	90 396	49 180,278	910 333,744	18,510	18,050
50	63	89 574	48 131,708	861 153,466	17,892	17,431
51	64	88 674	47 059,705	813 021,758	17,276	16,816
52	65	87 685	45 960,623	765 962,053	16,666	16,205
53	66	86 626	44 844,942	720 001,430	16,055	15,595
54	67	85 464	43 696,984	675 156,488	15,451	14,990
55	68	84 204	42 521,025	631 459,503	14,851	14,390
56	69	82 830	41 310,851	588 938,478	14,256	13,796
57	70	81 333	40 063,739	547 627,627	13,669	13,209
58	71	79 720	38 784,123	507 563,888	13,087	12,627
59	72	77 986	37 472,301	468 779,766	12,510	12,050
60	73	76 144	36 135,574	431 307,464	11,936	11,475
61	74	74 158	34 758,460	395 171,891	11,369	10,909
62	75	72 047	33 351,935	360 413,431	10,806	10,346
63	76	69 817	31 920,915	327 061,496	10,246	9,786
64	77	67 425	30 446,588	295 140,581	9,694	9,233
65	78	64 882	28 936,745	264 693,993	9,147	8,687
66	79	62 128	27 366,420	235 757,248	8,615	8,154
67	80	59 177	25 744,738	208 390,827	8,095	7,634
68	81	55 994	24 058,896	182 646,089	7,592	7,131
69	82	52 576	22 311,555	158 587,193	7,108	6,647
70	83	48 925	20 505,994	136 275,639	6,646	6,185
71	84	45 121	18 678,188	115 769,645	6,198	5,738
72	85	41 142	16 820,571	97 091,457	5,772	5,312
73	86	37 015	14 946,380	80 270,885	5,371	4,910
74	87	32 816	13 087,565	65 324,505	4,991	4,531
75	88	28 618	11 272,448	52 236,939	4,634	4,174
76	89	24 498	9 530,267	40 964,491	4,298	3,838
77	90	20 532	7 888,931	31 434,224	3,985	3,524
78	91	16 792	6 372,151	23 545,293	3,695	3,235
79	92	13 341	5 000,287	17 173,142	3,434	2,974
80	93	10 293	3 810,063	12 172,855	3,195	2,735
81	94	7 683	2 808,699	8 362,792	2,977	2,517
82	95	5 533	1 997,730	5 554,093	2,780	2,320
83	96	3 834	1 367,203	3 556,363	2,601	2,141
84	97	2 516	886,020	2 189,160	2,471	2,010
85	98	1 601	556,986	1 303,140	2,340	1,879
86	99	985	338,305	746,154	2,206	1,745
87	100	576	195,462	407,849	2,087	1,626

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,466	4 485 739,388	45,048	44,588
1	15	99 213	97 987,753	4 386 162,921	44,762	44,302
2	16	99 173	96 739,505	4 288 175,169	44,327	43,867
3	17	99 143	95 516,208	4 191 435,664	43,882	43,422
4	18	99 119	94 313,875	4 095 919,456	43,429	42,968
5	19	99 089	93 121,232	4 001 605,581	42,972	42,512
6	20	99 061	91 946,274	3 908 484,349	42,508	42,048
7	21	99 034	90 786,092	3 816 538,075	42,039	41,578
8	22	99 009	89 642,768	3 725 751,983	41,562	41,102
9	23	98 985	88 514,083	3 636 109,215	41,079	40,619
10	24	98 959	87 398,590	3 547 595,132	40,591	40,131
11	25	98 933	86 297,225	3 460 196,542	40,096	39,636
12	26	98 907	85 209,018	3 373 899,317	39,596	39,135
13	27	98 881	84 135,425	3 288 690,299	39,088	38,628
14	28	98 851	83 070,869	3 204 554,874	38,576	38,116
15	29	98 814	82 014,841	3 121 484,005	38,060	37,600
16	30	98 773	80 968,405	3 039 469,164	37,539	37,079
17	31	98 717	79 923,651	2 958 500,759	37,017	36,556
18	32	98 659	78 890,472	2 878 577,108	36,488	36,028
19	33	98 587	77 859,973	2 799 686,636	35,958	35,498
20	34	98 512	76 840,461	2 721 826,663	35,422	34,961
21	35	98 430	75 828,242	2 644 986,202	34,881	34,421
22	36	98 349	74 830,888	2 569 157,960	34,333	33,872
23	37	98 260	73 839,650	2 494 327,072	33,780	33,320
24	38	98 173	72 863,580	2 420 487,422	33,219	32,759
25	39	98 067	71 886,465	2 347 623,842	32,657	32,197
26	40	97 965	70 925,224	2 275 737,377	32,086	31,626
27	41	97 853	69 969,450	2 204 812,153	31,511	31,051
28	42	97 735	69 022,582	2 134 842,703	30,930	30,469
29	43	97 611	68 083,314	2 065 820,121	30,343	29,882
30	44	97 471	67 146,673	1 997 736,807	29,752	29,291
31	45	97 322	66 216,141	1 930 590,134	29,156	28,695
32	46	97 150	65 283,072	1 864 373,993	28,558	28,098
33	47	96 970	64 357,778	1 799 090,921	27,955	27,494
34	48	96 766	63 429,692	1 734 733,143	27,349	26,889
35	49	96 538	62 498,616	1 671 303,451	26,741	26,281
36	50	96 292	61 569,690	1 608 804,835	26,130	25,669
37	51	96 030	60 644,711	1 547 235,145	25,513	25,053
38	52	95 731	59 709,110	1 486 590,433	24,897	24,437
39	53	95 406	58 771,565	1 426 881,323	24,278	23,818
40	54	95 055	57 832,451	1 368 109,759	23,656	23,196
41	55	94 663	56 882,979	1 310 277,307	23,035	22,574
42	56	94 230	55 923,698	1 253 394,329	22,413	21,952
43	57	93 757	54 956,421	1 197 470,631	21,789	21,329
44	58	93 246	53 981,707	1 142 514,210	21,165	20,704
45	59	92 673	52 987,932	1 088 532,503	20,543	20,083
46	60	92 056	51 985,435	1 035 544,570	19,920	19,460
47	61	91 371	50 961,457	983 559,135	19,300	18,840
48	62	90 636	49 927,615	932 597,678	18,679	18,219
49	63	89 841	48 878,585	882 670,063	18,058	17,598
50	64	88 970	47 806,872	833 791,478	17,441	16,980
51	65	88 011	46 708,044	785 984,606	16,828	16,367
52	66	86 987	45 594,297	739 276,563	16,214	15,754
53	67	85 867	44 452,005	693 682,266	15,605	15,145
54	68	84 654	43 282,640	649 230,260	15,000	14,539
55	69	83 322	42 076,014	605 947,620	14,401	13,941
56	70	81 873	40 833,521	563 871,606	13,809	13,349
57	71	80 309	39 558,984	523 038,085	13,222	12,761
58	72	78 627	38 252,711	483 479,101	12,639	12,179
59	73	76 831	36 917,202	445 226,390	12,060	11,600
60	74	74 894	35 542,366	408 309,188	11,488	11,028
61	75	72 835	34 138,258	372 766,822	10,919	10,459
62	76	70 661	32 710,531	338 628,563	10,352	9,892
63	77	68 312	31 232,511	305 918,032	9,795	9,334
64	78	65 820	29 722,067	274 685,522	9,242	8,781
65	79	63 101	28 142,489	244 963,455	8,704	8,244
66	80	60 177	26 506,718	216 820,966	8,180	7,719
67	81	57 020	24 806,047	190 314,248	7,672	7,212
68	82	53 604	23 032,210	165 508,201	7,186	6,726
69	83	49 980	21 209,834	142 475,991	6,717	6,257
70	84	46 151	19 343,069	121 266,158	6,269	5,809
71	85	42 181	17 461,059	101 923,088	5,837	5,377
72	86	38 010	15 540,111	84 462,030	5,435	4,975
73	87	33 788	13 643,355	68 921,919	5,052	4,591
74	88	29 537	11 779,522	55 278,564	4,693	4,232
75	89	25 350	9 985,112	43 499,041	4,356	3,896
76	90	21 325	8 295,926	33 513,929	4,040	3,579
77	91	17 504	6 725,503	25 218,003	3,750	3,289
78	92	13 977	5 303,959	18 492,501	3,487	3,026
79	93	10 840	4 062,724	13 188,542	3,246	2,786
80	94	8 142	3 013,858	9 125,817	3,028	2,568
81	95	5 914	2 162,234	6 111,960	2,827	2,366
82	96	4 134	1 492,750	3 949,726	2,646	2,186
83	97	2 739	976,658	2 456,976	2,516	2,055
84	98	1 763	621,084	1 480,318	2,383	1,923
85	99	1 100	382,583	859,234	2,246	1,785
86	100	653	224,308	476,651	2,125	1,665

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 567	99 567,285	4 453 310,843	44,727	44,266
1	16	99 201	97 975,831	4 353 743,559	44,437	43,977
2	17	99 159	96 725,260	4 255 767,728	43,999	43,538
3	18	99 130	95 503,202	4 159 042,468	43,549	43,088
4	19	99 099	94 295,293	4 063 539,265	43,094	42,633
5	20	99 071	93 104,956	3 969 243,972	42,632	42,172
6	21	99 043	91 929,275	3 876 139,016	42,164	41,704
7	22	99 018	90 771,121	3 784 209,741	41,690	41,229
8	23	98 993	89 628,173	3 693 438,620	41,208	40,748
9	24	98 967	88 498,153	3 603 810,446	40,722	40,261
10	25	98 941	87 382,864	3 515 312,293	40,229	39,768
11	26	98 914	86 280,809	3 427 929,429	39,730	39,270
12	27	98 888	85 192,982	3 341 648,620	39,224	38,764
13	28	98 860	84 117,320	3 256 455,638	38,713	38,253
14	29	98 827	83 051,294	3 172 338,318	38,197	37,737
15	30	98 788	81 993,618	3 089 287,024	37,677	37,217
16	31	98 741	80 942,728	3 007 293,406	37,153	36,693
17	32	98 686	79 898,555	2 926 350,678	36,626	36,165
18	33	98 625	78 863,442	2 846 452,123	36,093	35,633
19	34	98 552	77 831,918	2 767 588,681	35,559	35,098
20	35	98 472	76 809,264	2 689 756,763	35,019	34,558
21	36	98 389	75 796,991	2 612 947,499	34,473	34,013
22	37	98 304	74 796,578	2 537 150,508	33,921	33,460
23	38	98 213	73 804,601	2 462 353,930	33,363	32,903
24	39	98 114	72 819,625	2 388 549,330	32,801	32,341
25	40	98 008	71 843,251	2 315 729,705	32,233	31,773
26	41	97 898	70 876,591	2 243 886,454	31,659	31,199
27	42	97 781	69 917,654	2 173 009,863	31,080	30,619
28	43	97 658	68 967,795	2 103 092,209	30,494	30,033
29	44	97 522	68 021,490	2 034 124,414	29,904	29,444
30	45	97 376	67 081,502	1 966 102,924	29,309	28,849
31	46	97 210	66 139,845	1 899 021,422	28,712	28,252
32	47	97 031	65 203,589	1 832 881,578	28,110	27,650
33	48	96 837	64 269,588	1 767 677,988	27,504	27,044
34	49	96 612	63 328,582	1 703 408,400	26,898	26,438
35	50	96 369	62 389,364	1 640 079,818	26,288	25,827
36	51	96 113	61 455,589	1 577 690,454	25,672	25,212
37	52	95 825	60 514,768	1 516 234,865	25,056	24,595
38	53	95 507	59 569,811	1 455 720,097	24,437	23,977
39	54	95 161	58 620,659	1 396 150,286	23,817	23,356
40	55	94 780	57 665,391	1 337 529,628	23,195	22,734
41	56	94 355	56 698,368	1 279 864,237	22,573	22,113
42	57	93 893	55 723,661	1 223 165,869	21,951	21,490
43	58	93 389	54 740,765	1 167 442,208	21,327	20,866
44	59	92 840	53 746,918	1 112 701,443	20,703	20,242
45	60	92 237	52 738,552	1 058 954,524	20,079	19,619
46	61	91 571	51 711,162	1 006 215,972	19,458	18,998
47	62	90 851	50 671,696	954 504,810	18,837	18,377
48	63	90 080	49 621,337	903 833,114	18,215	17,754
49	64	89 235	48 548,708	854 211,777	17,595	17,135
50	65	88 305	47 449,627	805 663,068	16,979	16,519
51	66	87 310	46 335,760	758 213,442	16,363	15,903
52	67	86 224	45 194,794	711 877,682	15,751	15,291
53	68	85 053	44 030,502	666 682,887	15,141	14,681
54	69	83 768	42 829,658	622 652,386	14,538	14,077
55	70	82 360	41 589,843	579 822,727	13,941	13,481
56	71	80 841	40 319,068	538 232,885	13,349	12,889
57	72	79 208	39 016,955	497 913,817	12,761	12,301
58	73	77 463	37 686,051	458 896,862	12,177	11,716
59	74	75 570	36 311,163	421 210,810	11,600	11,140
60	75	73 558	34 908,177	384 899,647	11,026	10,566
61	76	71 434	33 481,733	349 991,469	10,453	9,993
62	77	69 137	32 005,098	316 509,736	9,889	9,429
63	78	66 686	30 489,287	284 504,639	9,331	8,871
64	79	64 014	28 906,255	254 015,352	8,788	8,327
65	80	61 119	27 258,407	225 109,097	8,258	7,798
66	81	57 983	25 540,244	197 850,690	7,747	7,286
67	82	54 586	23 747,477	172 310,446	7,256	6,796
68	83	50 957	21 894,903	148 562,969	6,785	6,325
69	84	47 145	20 006,993	126 668,066	6,331	5,871
70	85	43 143	18 082,614	106 661,073	5,899	5,438
71	86	38 970	16 131,841	88 578,458	5,491	5,031
72	87	34 696	14 185,324	72 446,617	5,107	4,647
73	88	30 411	12 279,763	58 261,293	4,744	4,284
74	89	26 163	10 434,277	45 981,530	4,407	3,946
75	90	22 067	8 691,861	35 547,252	4,090	3,629
76	91	18 180	7 072,475	26 855,391	3,797	3,337
77	92	14 570	5 598,076	19 782,916	3,534	3,073
78	93	11 356	4 309,457	14 184,840	3,292	2,831
79	94	8 575	3 213,720	9 875,383	3,073	2,612
80	95	6 268	2 320,172	6 661,663	2,871	2,411
81	96	4 419	1 615,671	4 341,490	2,687	2,227
82	97	2 953	1 066,341	2 725,820	2,556	2,096
83	98	1 920	684,619	1 659,478	2,424	1,964
84	99	1 211	426,611	974,859	2,285	1,825
85	100	729	253,666	548,248	2,161	1,701

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 555	99 555,170	4 419 759,946	44,395	43,935
1	17	99 186	97 961,404	4 320 204,776	44,101	43,641
2	18	99 145	96 712,090	4 222 243,372	43,658	43,197
3	19	99 110	95 484,387	4 125 531,282	43,206	42,746
4	20	99 082	94 278,811	4 030 046,895	42,746	42,286
5	21	99 053	93 087,742	3 935 768,084	42,280	41,820
6	22	99 027	91 914,116	3 842 680,342	41,807	41,347
7	23	99 002	90 756,343	3 750 766,225	41,328	40,867
8	24	98 975	89 612,044	3 660 009,882	40,843	40,382
9	25	98 949	88 482,229	3 570 397,838	40,352	39,891
10	26	98 922	87 366,241	3 481 915,609	39,854	39,394
11	27	98 896	86 264,571	3 394 549,368	39,350	38,890
12	28	98 867	85 174,650	3 308 284,797	38,841	38,381
13	29	98 837	84 097,499	3 223 110,147	38,326	37,865
14	30	98 802	83 029,803	3 139 012,648	37,806	37,345
15	31	98 757	81 967,616	3 055 982,845	37,283	36,822
16	32	98 710	80 917,312	2 974 015,229	36,754	36,293
17	33	98 652	79 871,179	2 893 097,917	36,222	35,762
18	34	98 589	78 835,025	2 813 226,738	35,685	35,225
19	35	98 512	77 800,319	2 734 391,713	35,146	34,686
20	36	98 432	76 777,609	2 656 591,395	34,601	34,141
21	37	98 344	75 762,238	2 579 813,786	34,051	33,591
22	38	98 258	74 761,074	2 504 051,548	33,494	33,034
23	39	98 154	73 760,078	2 429 290,474	32,935	32,475
24	40	98 055	72 775,850	2 355 530,396	32,367	31,907
25	41	97 941	71 793,988	2 282 754,546	31,796	31,336
26	42	97 825	70 824,124	2 210 960,558	31,218	30,757
27	43	97 703	69 862,157	2 140 136,434	30,634	30,173
28	44	97 569	68 905,167	2 070 274,277	30,045	29,585
29	45	97 427	67 955,470	2 001 369,110	29,451	28,991
30	46	97 264	67 004,208	1 933 413,640	28,855	28,395
31	47	97 091	66 059,318	1 866 409,432	28,254	27,793
32	48	96 898	65 114,241	1 800 350,114	27,649	27,189
33	49	96 683	64 167,139	1 735 235,873	27,042	26,582
34	50	96 443	63 217,879	1 671 068,734	26,433	25,973
35	51	96 190	62 273,744	1 607 850,854	25,819	25,359
36	52	95 907	61 323,909	1 545 577,111	25,203	24,743
37	53	95 601	60 373,589	1 484 253,202	24,584	24,124
38	54	95 262	59 416,855	1 423 879,613	23,964	23,504
39	55	94 886	58 451,321	1 364 462,758	23,344	22,883
40	56	94 472	57 478,241	1 306 011,437	22,722	22,261
41	57	94 018	56 495,560	1 248 533,196	22,100	21,639
42	58	93 524	55 504,994	1 192 037,636	21,476	21,016
43	59	92 983	54 502,675	1 136 532,642	20,853	20,392
44	60	92 403	53 493,966	1 082 029,967	20,227	19,767
45	61	91 750	52 460,306	1 028 536,001	19,606	19,146
46	62	91 050	51 417,139	976 075,695	18,983	18,523
47	63	90 294	50 360,854	924 658,556	18,361	17,900
48	64	89 472	49 286,448	874 297,703	17,739	17,279
49	65	88 568	48 185,920	825 011,255	17,121	16,661
50	66	87 601	47 071,432	776 825,335	16,503	16,043
51	67	86 545	45 929,761	729 753,903	15,888	15,428
52	68	85 407	44 766,248	683 824,142	15,275	14,815
53	69	84 163	43 569,693	639 057,895	14,667	14,207
54	70	82 800	42 334,779	595 488,202	14,066	13,606
55	71	81 322	41 065,861	553 153,423	13,470	13,010
56	72	79 733	39 766,625	512 087,562	12,877	12,417
57	73	78 035	38 438,974	472 320,937	12,288	11,827
58	74	76 191	37 067,391	433 881,963	11,705	11,245
59	75	74 221	35 663,257	396 814,572	11,127	10,666
60	76	72 143	34 236,845	361 151,315	10,549	10,088
61	77	69 893	32 759,668	326 914,470	9,979	9,519
62	78	67 492	31 243,489	294 154,802	9,415	8,955
63	79	64 856	29 652,416	262 911,313	8,866	8,406
64	80	62 003	27 998,180	233 258,897	8,331	7,871
65	81	58 891	26 264,525	205 260,717	7,815	7,355
66	82	55 508	24 450,343	178 996,192	7,321	6,860
67	83	51 891	22 574,852	154 545,849	6,846	6,386
68	84	48 067	20 653,212	131 970,997	6,390	5,929
69	85	44 073	18 703,275	111 317,786	5,952	5,491
70	86	39 859	16 706,081	92 614,511	5,544	5,083
71	87	35 573	14 725,468	75 908,430	5,155	4,695
72	88	31 228	12 767,565	61 182,962	4,792	4,332
73	89	26 938	10 877,390	48 415,397	4,451	3,991
74	90	22 775	9 082,851	37 538,007	4,133	3,672
75	91	18 813	7 410,019	28 455,156	3,840	3,380
76	92	15 132	5 886,885	21 045,137	3,575	3,115
77	93	11 838	4 548,427	15 158,253	3,333	2,872
78	94	8 983	3 408,891	10 609,826	3,112	2,652
79	95	6 601	2 474,033	7 200,934	2,911	2,450
80	96	4 684	1 733,686	4 726,901	2,727	2,266
81	97	3 157	1 154,150	2 993,215	2,593	2,133
82	98	2 070	747,486	1 839,065	2,460	2,000
83	99	1 319	470,252	1 091,579	2,321	1,861
84	100	803	282,858	621,327	2,197	1,736

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 541	99 540,511	4 385 108,532	44,054	43,593
1	18	99 172	97 948,065	4 285 568,020	43,753	43,293
2	19	99 125	96 693,036	4 187 619,955	43,308	42,848
3	20	99 093	95 467,697	4 090 926,919	42,851	42,391
4	21	99 064	94 261,381	3 995 459,222	42,387	41,927
5	22	99 037	93 072,392	3 901 197,841	41,916	41,455
6	23	99 011	91 899,152	3 808 125,448	41,438	40,978
7	24	98 984	90 740,010	3 716 226,297	40,955	40,494
8	25	98 957	89 595,919	3 625 486,286	40,465	40,004
9	26	98 930	88 465,398	3 535 890,367	39,969	39,509
10	27	98 904	87 349,799	3 447 424,969	39,467	39,007
11	28	98 875	86 246,008	3 360 075,170	38,959	38,499
12	29	98 844	85 154,579	3 273 829,162	38,446	37,985
13	30	98 811	84 075,737	3 188 674,582	37,926	37,466
14	31	98 770	83 003,472	3 104 598,845	37,403	36,943
15	32	98 726	81 941,878	3 021 595,374	36,875	36,414
16	33	98 676	80 889,587	2 939 653,496	36,342	35,881
17	34	98 616	79 842,399	2 858 763,909	35,805	35,345
18	35	98 549	78 803,018	2 778 921,509	35,264	34,804
19	36	98 471	77 768,255	2 700 118,491	34,720	34,260
20	37	98 387	76 742,406	2 622 350,237	34,171	33,710
21	38	98 297	75 726,277	2 545 607,831	33,616	33,156
22	39	98 198	74 715,975	2 469 881,554	33,057	32,597
23	40	98 095	73 715,737	2 395 165,579	32,492	32,032
24	41	97 987	72 725,948	2 321 449,842	31,921	31,460
25	42	97 868	71 740,842	2 248 723,894	31,345	30,885
26	43	97 748	70 767,906	2 176 983,052	30,762	30,302
27	44	97 614	69 798,717	2 106 215,146	30,176	29,715
28	45	97 474	68 838,290	2 036 416,429	29,583	29,122
29	46	97 315	67 877,169	1 967 578,139	28,987	28,527
30	47	97 146	66 922,630	1 899 700,970	28,387	27,926
31	48	96 958	65 968,797	1 832 778,340	27,783	27,322
32	49	96 744	65 010,445	1 766 809,543	27,177	26,717
33	50	96 514	64 054,970	1 701 799,098	26,568	26,107
34	51	96 264	63 100,724	1 637 744,127	25,954	25,494
35	52	95 984	62 140,310	1 574 643,403	25,340	24,880
36	53	95 683	61 180,842	1 512 503,094	24,722	24,261
37	54	95 356	60 218,570	1 451 322,251	24,101	23,641
38	55	94 987	59 245,218	1 391 103,682	23,480	23,020
39	56	94 578	58 261,621	1 331 858,464	22,860	22,400
40	57	94 134	57 272,643	1 273 596,844	22,237	21,777
41	58	93 649	56 273,864	1 216 324,200	21,614	21,154
42	59	93 117	55 263,580	1 160 050,336	20,991	20,531
43	60	92 546	54 246,166	1 104 786,756	20,366	19,906
44	61	91 916	53 211,734	1 050 540,590	19,743	19,282
45	62	91 229	52 162,023	997 328,856	19,120	18,659
46	63	90 491	51 101,723	945 166,834	18,496	18,035
47	64	89 685	50 020,974	894 065,111	17,874	17,413
48	65	88 804	48 918,146	844 044,137	17,254	16,794
49	66	87 862	47 801,857	795 125,991	16,634	16,173
50	67	86 833	46 658,987	747 324,134	16,017	15,556
51	68	85 724	45 494,245	700 665,147	15,401	14,941
52	69	84 513	44 297,739	655 170,902	14,790	14,330
53	70	83 191	43 066,263	610 873,163	14,184	13,724
54	71	81 757	41 801,412	567 806,901	13,583	13,123
55	72	80 208	40 503,186	526 005,489	12,987	12,526
56	73	78 552	39 177,538	485 502,304	12,392	11,932
57	74	76 754	37 807,954	446 324,765	11,805	11,345
58	75	74 832	36 405,991	408 516,811	11,221	10,761
59	76	72 794	34 977,404	372 110,820	10,639	10,178
60	77	70 587	33 498,495	337 133,417	10,064	9,604
61	78	68 230	31 980,103	303 634,921	9,494	9,034
62	79	65 639	30 385,917	271 654,818	8,940	8,480
63	80	62 818	28 720,901	241 268,901	8,400	7,940
64	81	59 742	26 977,325	212 548,000	7,879	7,418
65	82	56 378	25 143,716	185 570,676	7,380	6,920
66	83	52 767	23 243,011	160 426,959	6,902	6,442
67	84	48 948	21 294,599	137 183,948	6,442	5,982
68	85	44 935	19 307,383	115 889,350	6,002	5,542
69	86	40 718	17 279,494	96 581,966	5,589	5,129
70	87	36 384	15 249,645	79 302,472	5,200	4,740
71	88	32 017	13 253,723	64 052,827	4,833	4,372
72	89	27 662	11 309,484	50 799,104	4,492	4,031
73	90	23 449	9 468,573	39 489,620	4,171	3,710
74	91	19 416	7 743,348	30 021,047	3,877	3,417
75	92	15 659	6 167,844	22 277,699	3,612	3,152
76	93	12 295	4 783,083	16 109,855	3,368	2,908
77	94	9 364	3 597,923	11 326,772	3,148	2,688
78	95	6 915	2 624,283	7 728,849	2,945	2,485
79	96	4 932	1 848,654	5 104,566	2,761	2,301
80	97	3 346	1 238,454	3 255,912	2,629	2,169
81	98	2 213	809,038	2 017,458	2,494	2,033
82	99	1 422	513,434	1 208,420	2,354	1,893
83	100	874	311,793	694,986	2,229	1,769

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 527	99 526,958	4 349 377,671	43,700	43,240
1	19	99 153	97 928,768	4 249 850,714	43,397	42,937
2	20	99 108	96 676,135	4 151 921,946	42,947	42,486
3	21	99 074	95 450,047	4 055 245,810	42,486	42,025
4	22	99 047	94 245,838	3 959 795,764	42,016	41,555
5	23	99 021	93 057,239	3 865 549,926	41,539	41,079
6	24	98 993	91 882,613	3 772 492,687	41,058	40,597
7	25	98 966	90 723,683	3 680 610,073	40,569	40,109
8	26	98 939	89 578,876	3 589 886,390	40,075	39,615
9	27	98 912	88 448,749	3 500 307,515	39,574	39,114
10	28	98 882	87 331,003	3 411 858,766	39,068	38,608
11	29	98 851	86 225,685	3 324 527,763	38,556	38,096
12	30	98 818	85 132,544	3 238 302,077	38,038	37,578
13	31	98 780	84 049,074	3 153 169,533	37,516	37,055
14	32	98 739	82 977,409	3 069 120,459	36,987	36,527
15	33	98 692	81 913,802	2 986 143,051	36,455	35,994
16	34	98 641	80 860,440	2 904 229,249	35,917	35,456
17	35	98 576	79 809,984	2 823 368,809	35,376	34,916
18	36	98 509	78 770,541	2 743 558,825	34,830	34,369
19	37	98 426	77 732,598	2 664 788,284	34,281	33,821
20	38	98 340	76 705,979	2 587 055,686	33,727	33,267
21	39	98 238	75 680,595	2 510 349,707	33,170	32,710
22	40	98 139	74 671,060	2 434 669,112	32,605	32,145
23	41	98 028	73 665,191	2 359 998,052	32,037	31,576
24	42	97 915	72 672,111	2 286 332,862	31,461	31,001
25	43	97 791	71 683,897	2 213 660,750	30,881	30,420
26	44	97 659	70 703,644	2 141 976,853	30,295	29,835
27	45	97 520	69 730,972	2 071 273,209	29,704	29,243
28	46	97 362	68 758,972	2 001 542,237	29,110	28,649
29	47	97 196	67 794,528	1 932 783,265	28,509	28,049
30	48	97 013	66 830,926	1 864 988,737	27,906	27,446
31	49	96 804	65 863,640	1 798 157,812	27,301	26,841
32	50	96 575	64 896,802	1 732 294,172	26,693	26,233
33	51	96 335	63 936,264	1 667 397,370	26,079	25,619
34	52	96 058	62 965,518	1 603 461,106	25,466	25,005
35	53	95 760	61 995,339	1 540 495,588	24,849	24,388
36	54	95 438	61 023,750	1 478 500,249	24,228	23,768
37	55	95 080	60 044,617	1 417 476,500	23,607	23,147
38	56	94 679	59 052,940	1 357 431,883	22,987	22,526
39	57	94 239	58 053,221	1 298 378,943	22,365	21,905
40	58	93 765	57 047,898	1 240 325,722	21,742	21,281
41	59	93 242	56 029,106	1 183 277,824	21,119	20,659
42	60	92 679	55 003,490	1 127 248,718	20,494	20,034
43	61	92 057	53 959,965	1 072 245,228	19,871	19,411
44	62	91 393	52 909,178	1 018 285,263	19,246	18,786
45	63	90 669	51 842,038	965 376,084	18,621	18,161
46	64	89 881	50 756,843	913 534,047	17,998	17,538
47	65	89 015	49 647,183	862 777,204	17,378	16,918
48	66	88 096	48 528,247	813 130,020	16,756	16,295
49	67	87 092	47 383,011	764 601,773	16,137	15,676
50	68	86 010	46 216,556	717 218,762	15,519	15,058
51	69	84 827	45 018,117	671 002,205	14,905	14,445
52	70	83 536	43 785,896	625 984,088	14,296	13,836
53	71	82 142	42 523,680	582 198,192	13,691	13,231
54	72	80 636	41 228,658	539 674,513	13,090	12,629
55	73	79 020	39 903,188	498 445,855	12,491	12,031
56	74	77 263	38 534,394	458 542,667	11,900	11,439
57	75	75 384	37 133,340	420 008,273	11,311	10,850
58	76	73 392	35 705,854	382 874,933	10,723	10,263
59	77	71 224	34 223,083	347 169,079	10,144	9,684
60	78	68 908	32 701,349	312 945,996	9,570	9,109
61	79	66 357	31 102,312	280 244,647	9,010	8,550
62	80	63 577	29 431,359	249 142,335	8,465	8,005
63	81	60 528	27 673,694	219 710,975	7,939	7,479
64	82	57 193	25 826,098	192 037,281	7,436	6,975
65	83	53 594	23 902,146	166 211,183	6,954	6,493
66	84	49 775	21 924,866	142 309,037	6,491	6,030
67	85	45 759	19 906,976	120 384,172	6,047	5,587
68	86	41 514	17 837,615	100 477,196	5,633	5,172
69	87	37 168	15 773,068	82 639,580	5,239	4,779
70	88	32 748	13 725,512	66 866,512	4,872	4,411
71	89	28 361	11 740,122	53 141,000	4,526	4,066
72	90	24 079	9 844,703	41 400,879	4,205	3,745
73	91	19 991	8 072,184	31 556,176	3,909	3,449
74	92	16 161	6 445,296	23 483,992	3,644	3,183
75	93	12 723	5 011,362	17 038,696	3,400	2,940
76	94	9 726	3 783,542	12 027,334	3,179	2,718
77	95	7 209	2 769,806	8 243,792	2,976	2,516
78	96	5 167	1 960,925	5 473,986	2,792	2,331
79	97	3 523	1 320,581	3 513,061	2,660	2,200
80	98	2 345	868,133	2 192,480	2,526	2,065
81	99	1 520	555,713	1 324,347	2,383	1,923
82	100	943	340,425	768,634	2,258	1,797

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 507	99 507,349	4 312 584,182	43,339	42,879
1	20	99 136	97 911,651	4 213 076,833	43,029	42,569
2	21	99 090	96 658,262	4 115 165,182	42,574	42,114
3	22	99 058	95 434,307	4 018 506,921	42,108	41,647
4	23	99 031	94 230,494	3 923 072,613	41,633	41,172
5	24	99 003	93 040,492	3 828 842,120	41,152	40,692
6	25	98 975	91 866,080	3 735 801,627	40,666	40,205
7	26	98 947	90 706,425	3 643 935,547	40,173	39,712
8	27	98 920	89 562,017	3 553 229,122	39,673	39,213
9	28	98 890	88 429,716	3 463 667,105	39,169	38,708
10	29	98 859	87 310,424	3 375 237,389	38,658	38,198
11	30	98 826	86 203,373	3 287 926,964	38,142	37,681
12	31	98 787	85 105,546	3 201 723,592	37,621	37,160
13	32	98 749	84 022,683	3 116 618,046	37,093	36,632
14	33	98 706	82 948,978	3 032 595,363	36,560	36,099
15	34	98 657	81 884,286	2 949 646,385	36,022	35,562
16	35	98 601	80 827,611	2 867 762,099	35,480	35,020
17	36	98 536	79 777,092	2 786 934,488	34,934	34,474
18	37	98 463	78 734,425	2 707 157,396	34,383	33,923
19	38	98 379	77 695,701	2 628 422,972	33,830	33,369
20	39	98 281	76 659,706	2 550 727,271	33,273	32,813
21	40	98 179	75 635,100	2 474 067,564	32,711	32,250
22	41	98 072	74 619,858	2 398 432,464	32,142	31,682
23	42	97 955	73 610,659	2 323 812,606	31,569	31,109
24	43	97 837	72 614,427	2 250 201,947	30,988	30,528
25	44	97 702	71 618,803	2 177 587,520	30,405	29,945
26	45	97 564	70 635,021	2 105 968,717	29,815	29,354
27	46	97 407	69 650,626	2 035 333,695	29,222	28,762
28	47	97 244	68 675,257	1 965 683,070	28,623	28,162
29	48	97 063	67 701,629	1 897 007,813	28,020	27,560
30	49	96 858	66 724,394	1 829 306,184	27,416	26,955
31	50	96 634	65 748,505	1 762 581,791	26,808	26,348
32	51	96 396	64 776,536	1 696 833,285	26,195	25,735
33	52	96 128	63 799,268	1 632 056,750	25,581	25,121
34	53	95 834	62 818,622	1 568 257,482	24,965	24,504
35	54	95 514	61 836,155	1 505 438,860	24,346	23,885
36	55	95 162	60 847,471	1 443 602,706	23,725	23,265
37	56	94 772	59 849,745	1 382 755,235	23,104	22,643
38	57	94 340	58 841,710	1 322 905,490	22,482	22,022
39	58	93 870	57 825,413	1 264 063,780	21,860	21,400
40	59	93 357	56 799,773	1 206 238,367	21,237	20,776
41	60	92 803	55 765,413	1 149 438,594	20,612	20,152
42	61	92 190	54 713,293	1 093 673,181	19,989	19,529
43	62	91 534	53 653,155	1 038 959,888	19,364	18,904
44	63	90 832	52 584,610	985 306,732	18,738	18,277
45	64	90 057	51 492,161	932 722,122	18,114	17,653
46	65	89 209	50 377,554	881 229,961	17,493	17,032
47	66	88 305	49 251,473	830 852,407	16,870	16,409
48	67	87 324	48 103,037	781 600,934	16,248	15,788
49	68	86 266	46 933,715	733 497,897	15,628	15,168
50	69	85 110	45 732,869	686 564,181	15,012	14,552
51	70	83 847	44 497,951	640 831,312	14,401	13,941
52	71	82 484	43 234,247	596 333,362	13,793	13,333
53	72	81 017	41 941,030	553 099,115	13,188	12,727
54	73	79 442	40 617,914	511 158,085	12,585	12,124
55	74	77 722	39 248,131	470 540,172	11,989	11,528
56	75	75 884	37 846,818	431 292,041	11,396	10,935
57	76	73 935	36 419,215	393 445,223	10,803	10,343
58	77	71 810	34 935,824	357 026,008	10,219	9,759
59	78	69 529	33 408,694	322 090,185	9,641	9,181
60	79	67 016	31 803,762	288 681,491	9,077	8,617
61	80	64 273	30 125,250	256 877,729	8,527	8,067
62	81	61 259	28 358,248	226 752,480	7,996	7,536
63	82	57 945	26 492,751	198 394,232	7,489	7,028
64	83	54 369	24 550,832	171 901,481	7,002	6,541
65	84	50 554	22 546,621	147 350,648	6,535	6,075
66	85	46 531	20 496,173	124 804,028	6,089	5,629
67	86	42 275	18 391,564	104 307,855	5,672	5,211
68	87	37 895	16 282,532	85 916,291	5,277	4,816
69	88	33 454	14 196,621	69 633,759	4,905	4,445
70	89	29 008	12 158,031	55 437,138	4,560	4,099
71	90	24 688	10 219,565	43 279,107	4,235	3,775
72	91	20 528	8 392,844	33 059,542	3,939	3,479
73	92	16 640	6 719,008	24 666,697	3,671	3,211
74	93	13 131	5 236,791	17 947,689	3,427	2,967
75	94	10 064	3 964,117	12 710,898	3,206	2,746
76	95	7 487	2 912,702	8 746,782	3,003	2,543
77	96	5 387	2 069,663	5 834,080	2,819	2,358
78	97	3 691	1 400,781	3 764,417	2,687	2,227
79	98	2 470	925,703	2 363,636	2,553	2,093
80	99	1 611	596,305	1 437,933	2,411	1,951
81	100	1 008	368,457	841,628	2,284	1,824

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 490	99 489,956	4 274 751,535	42,967	42,506
1	21	99 117	97 893,549	4 175 261,579	42,651	42,191
2	22	99 073	96 642,323	4 077 368,030	42,190	41,730
3	23	99 042	95 418,770	3 980 725,707	41,718	41,258
4	24	99 013	94 213,536	3 885 306,937	41,239	40,779
5	25	98 985	93 023,751	3 791 093,402	40,754	40,294
6	26	98 956	91 848,605	3 698 069,651	40,263	39,802
7	27	98 929	90 689,354	3 606 221,046	39,765	39,304
8	28	98 899	89 542,745	3 515 531,691	39,261	38,801
9	29	98 867	88 408,878	3 425 988,946	38,752	38,291
10	30	98 833	87 287,831	3 337 580,068	38,236	37,776
11	31	98 794	86 176,035	3 250 292,237	37,717	37,257
12	32	98 756	85 078,823	3 164 116,202	37,190	36,730
13	33	98 715	83 993,894	3 079 037,379	36,658	36,197
14	34	98 670	82 919,089	2 995 043,485	36,120	35,660
15	35	98 617	81 851,041	2 912 124,396	35,578	35,118
16	36	98 560	80 794,300	2 830 273,355	35,031	34,570
17	37	98 491	79 740,514	2 749 479,055	34,480	34,020
18	38	98 417	78 697,052	2 669 738,541	33,924	33,464
19	39	98 320	77 648,831	2 591 041,489	33,369	32,908
20	40	98 222	76 613,623	2 513 392,658	32,806	32,346
21	41	98 112	75 583,237	2 436 779,035	32,240	31,779
22	42	97 999	74 564,620	2 361 195,798	31,666	31,206
23	43	97 877	73 552,230	2 286 631,178	31,089	30,628
24	44	97 748	72 548,489	2 213 078,948	30,505	30,044
25	45	97 607	71 549,292	2 140 530,459	29,917	29,456
26	46	97 452	70 553,633	2 068 981,168	29,325	28,865
27	47	97 289	69 565,825	1 998 427,535	28,727	28,267
28	48	97 110	68 581,151	1 928 861,710	28,125	27,665
29	49	96 909	67 593,709	1 860 280,559	27,522	27,061
30	50	96 689	66 607,755	1 792 686,850	26,914	26,454
31	51	96 455	65 626,660	1 726 079,095	26,301	25,841
32	52	96 189	64 637,739	1 660 452,435	25,689	25,228
33	53	95 904	63 650,426	1 595 814,696	25,072	24,611
34	54	95 588	62 657,324	1 532 164,270	24,453	23,993
35	55	95 238	61 657,529	1 469 506,946	23,833	23,373
36	56	94 853	60 649,993	1 407 849,417	23,213	22,752
37	57	94 433	59 635,665	1 347 199,424	22,590	22,130
38	58	93 970	58 610,808	1 287 563,759	21,968	21,508
39	59	93 461	57 573,906	1 228 952,951	21,346	20,885
40	60	92 918	56 532,453	1 171 379,045	20,720	20,260
41	61	92 313	55 471,197	1 114 846,592	20,098	19,637
42	62	91 666	54 402,200	1 059 375,395	19,473	19,013
43	63	90 972	53 324,023	1 004 973,195	18,847	18,386
44	64	90 219	52 229,722	951 649,172	18,220	17,760
45	65	89 384	51 107,377	899 419,450	17,599	17,138
46	66	88 498	49 976,022	848 312,073	16,974	16,514
47	67	87 531	48 819,926	798 336,050	16,353	15,892
48	68	86 496	47 646,914	749 516,124	15,731	15,270
49	69	85 364	46 442,523	701 869,210	15,113	14,652
50	70	84 126	45 204,444	655 426,687	14,499	14,039
51	71	82 790	43 937,330	610 222,243	13,888	13,428
52	72	81 354	42 641,861	566 284,913	13,280	12,820
53	73	79 817	41 319,733	523 643,053	12,673	12,213
54	74	78 138	39 951,123	482 323,320	12,073	11,612
55	75	76 336	38 547,820	442 372,197	11,476	11,016
56	76	74 425	37 118,971	403 824,377	10,879	10,419
57	77	72 340	35 633,800	366 705,406	10,291	9,831
58	78	70 101	34 104,474	331 071,606	9,708	9,247
59	79	67 621	32 491,691	296 967,132	9,140	8,679
60	80	64 911	30 804,663	264 475,440	8,586	8,125
61	81	61 929	29 026,838	233 670,777	8,050	7,590
62	82	58 645	27 148,092	204 643,939	7,538	7,078
63	83	55 083	25 184,567	177 495,847	7,048	6,587
64	84	51 285	23 158,519	152 311,280	6,577	6,117
65	85	47 260	21 077,412	129 152,762	6,128	5,667
66	86	42 989	18 935,908	108 075,350	5,707	5,247
67	87	38 590	16 788,188	89 139,441	5,310	4,849
68	88	34 108	14 655,166	72 351,254	4,937	4,477
69	89	29 633	12 575,338	57 696,087	4,588	4,128
70	90	25 251	10 583,348	45 120,749	4,263	3,803
71	91	21 047	8 712,424	34 537,401	3,964	3,504
72	92	17 087	6 985,914	25 824,977	3,697	3,236
73	93	13 520	5 459,182	18 839,063	3,451	2,991
74	94	10 387	4 142,436	13 379,881	3,230	2,770
75	95	7 748	3 051,715	9 237,445	3,027	2,567
76	96	5 595	2 176,438	6 185,730	2,842	2,382
77	97	3 848	1 478,458	4 009,292	2,712	2,251
78	98	2 588	981,921	2 530,834	2,577	2,117
79	99	1 697	635,848	1 548,913	2,436	1,976
80	100	1 068	395,371	913,064	2,309	1,849

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 472	99 471,563	4 235 894,227	42,584	42,124
1	22	99 101	97 877,407	4 136 422,665	42,261	41,801
2	23	99 057	96 626,589	4 038 545,258	41,795	41,335
3	24	99 024	95 401,598	3 941 918,669	41,319	40,859
4	25	98 995	94 196,583	3 846 517,071	40,835	40,375
5	26	98 966	93 006,056	3 752 320,488	40,345	39,885
6	27	98 938	91 831,319	3 659 314,433	39,848	39,388
7	28	98 907	90 669,839	3 567 483,113	39,346	38,885
8	29	98 875	89 521,645	3 476 813,274	38,838	38,377
9	30	98 841	88 386,001	3 387 291,629	38,324	37,863
10	31	98 802	87 260,150	3 298 905,628	37,805	37,345
11	32	98 763	86 148,976	3 211 645,478	37,280	36,820
12	33	98 722	85 049,672	3 125 496,502	36,749	36,289
13	34	98 679	83 963,628	3 040 446,830	36,211	35,751
14	35	98 630	82 885,424	2 956 483,202	35,670	35,209
15	36	98 576	81 817,308	2 873 597,778	35,122	34,662
16	37	98 515	80 757,256	2 791 780,470	34,570	34,110
17	38	98 444	79 702,664	2 711 023,214	34,014	33,554
18	39	98 357	78 649,578	2 631 320,550	33,456	32,996
19	40	98 261	77 602,153	2 552 670,972	32,894	32,434
20	41	98 154	76 561,089	2 475 068,819	32,328	31,868
21	42	98 039	75 527,286	2 398 507,730	31,757	31,296
22	43	97 922	74 505,434	2 322 980,444	31,179	30,718
23	44	97 788	73 485,440	2 248 475,011	30,598	30,137
24	45	97 653	72 478,075	2 174 989,571	30,009	29,549
25	46	97 495	71 466,850	2 102 511,496	29,419	28,959
26	47	97 333	70 467,733	2 031 044,646	28,822	28,362
27	48	97 155	69 470,499	1 960 576,913	28,222	27,761
28	49	96 956	68 471,829	1 891 106,414	27,619	27,158
29	50	96 739	67 475,550	1 822 634,585	27,012	26,551
30	51	96 510	66 484,317	1 755 159,035	26,400	25,939
31	52	96 249	65 486,042	1 688 674,718	25,787	25,326
32	53	95 965	64 486,941	1 623 188,676	25,171	24,710
33	54	95 658	63 486,993	1 558 701,734	24,552	24,091
34	55	95 312	62 476,326	1 495 214,742	23,933	23,472
35	56	94 929	61 457,423	1 432 738,415	23,313	22,852
36	57	94 514	60 433,051	1 371 280,993	22,691	22,231
37	58	94 062	59 401,646	1 310 847,942	22,068	21,607
38	59	93 561	58 355,885	1 251 446,296	21,445	20,985
39	60	93 021	57 302,943	1 193 090,411	20,821	20,360
40	61	92 428	56 234,190	1 135 787,468	20,197	19,737
41	62	91 788	55 155,794	1 079 553,278	19,573	19,112
42	63	91 104	54 068,473	1 024 397,484	18,946	18,486
43	64	90 358	52 964,145	970 329,011	18,320	17,860
44	65	89 545	51 839,427	917 364,866	17,696	17,236
45	66	88 672	50 700,029	865 525,439	17,071	16,611
46	67	87 723	49 538,127	814 825,410	16,448	15,988
47	68	86 701	48 357,005	765 287,283	15,826	15,365
48	69	85 591	47 148,257	716 930,278	15,206	14,745
49	70	84 377	45 905,898	669 782,021	14,590	14,130
50	71	83 067	44 634,923	623 876,124	13,977	13,517
51	72	81 656	43 335,310	579 241,201	13,366	12,906
52	73	80 149	42 010,182	535 905,890	12,757	12,296
53	74	78 506	40 641,421	493 895,709	12,153	11,692
54	75	76 743	39 238,268	453 254,288	11,551	11,091
55	76	74 867	37 806,492	414 016,019	10,951	10,491
56	77	72 820	36 318,466	376 209,527	10,359	9,898
57	78	70 619	34 785,841	339 891,061	9,771	9,311
58	79	68 177	33 168,374	305 105,220	9,199	8,738
59	80	65 496	31 470,982	271 936,847	8,641	8,180
60	81	62 544	29 681,479	240 465,865	8,102	7,641
61	82	59 287	27 788,151	210 784,385	7,585	7,125
62	83	55 749	25 807,548	182 996,235	7,091	6,630
63	84	51 960	23 756,313	157 188,687	6,617	6,156
64	85	47 943	21 649,437	133 432,374	6,163	5,703
65	86	43 662	19 472,901	111 782,937	5,740	5,280
66	87	39 241	17 285,076	92 310,036	5,340	4,880
67	88	34 733	15 110,284	75 024,960	4,965	4,505
68	89	30 213	12 981,517	59 914,676	4,615	4,155
69	90	25 795	10 946,606	46 933,158	4,287	3,827
70	91	21 527	9 022,557	35 986,552	3,989	3,528
71	92	17 519	7 251,921	26 963,995	3,718	3,258
72	93	13 883	5 676,043	19 712,074	3,473	3,012
73	94	10 694	4 318,353	14 036,031	3,250	2,790
74	95	7 996	3 188,992	9 717,678	3,047	2,587
75	96	5 789	2 280,311	6 528,686	2,863	2,403
76	97	3 996	1 554,732	4 248,375	2,733	2,272
77	98	2 697	1 036,371	2 693,643	2,599	2,139
78	99	1 777	674,464	1 657,271	2,457	1,997
79	100	1 125	421,589	982,807	2,331	1,871

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 455	99 455,160	4 196 029,376	42,190	41,730
1	23	99 085	97 861,471	4 096 574,217	41,861	41,401
2	24	99 040	96 609,199	3 998 712,745	41,391	40,930
3	25	99 006	95 384,432	3 902 103,546	40,909	40,449
4	26	98 977	94 178,665	3 806 719,114	40,420	39,960
5	27	98 947	92 988,552	3 712 540,450	39,925	39,464
6	28	98 916	91 811,559	3 619 551,897	39,424	38,963
7	29	98 884	90 648,474	3 527 740,339	38,917	38,456
8	30	98 850	89 498,480	3 437 091,865	38,404	37,944
9	31	98 810	88 357,971	3 347 593,385	37,887	37,426
10	32	98 771	87 232,750	3 259 235,414	37,363	36,902
11	33	98 729	86 119,459	3 172 002,664	36,833	36,372
12	34	98 686	85 019,026	3 085 883,206	36,296	35,836
13	35	98 639	83 929,539	3 000 864,179	35,755	35,294
14	36	98 589	82 851,264	2 916 934,640	35,207	34,746
15	37	98 531	81 779,795	2 834 083,375	34,655	34,195
16	38	98 468	80 718,923	2 752 303,580	34,097	33,637
17	39	98 384	79 654,583	2 671 584,658	33,540	33,079
18	40	98 298	78 602,298	2 591 930,074	32,975	32,515
19	41	98 193	77 548,941	2 513 327,776	32,410	31,949
20	42	98 082	76 504,414	2 435 778,834	31,838	31,378
21	43	97 961	75 467,335	2 359 274,420	31,262	30,802
22	44	97 833	74 437,778	2 283 807,085	30,681	30,220
23	45	97 693	73 414,117	2 209 369,308	30,095	29,634
24	46	97 541	72 394,563	2 135 955,191	29,504	29,044
25	47	97 376	71 379,838	2 063 560,628	28,910	28,449
26	48	97 200	70 371,171	1 992 180,790	28,310	27,849
27	49	97 000	69 359,759	1 921 809,619	27,708	27,247
28	50	96 786	68 352,135	1 852 449,860	27,102	26,641
29	51	96 560	67 350,504	1 784 097,724	26,490	26,029
30	52	96 303	66 341,861	1 716 747,220	25,877	25,417
31	53	96 024	65 333,265	1 650 405,358	25,261	24,801
32	54	95 719	64 321,360	1 585 072,093	24,643	24,183
33	55	95 382	63 303,598	1 520 750,733	24,023	23,563
34	56	95 002	62 273,562	1 457 447,135	23,404	22,944
35	57	94 590	61 237,592	1 395 173,572	22,783	22,323
36	58	94 143	60 195,903	1 333 935,981	22,160	21,700
37	59	93 653	59 143,284	1 273 740,077	21,537	21,076
38	60	93 121	58 081,242	1 214 596,793	20,912	20,452
39	61	92 531	57 000,615	1 156 515,551	20,290	19,829
40	62	91 902	55 914,449	1 099 514,937	19,664	19,204
41	63	91 225	54 817,444	1 043 600,488	19,038	18,577
42	64	90 489	53 703,571	988 783,043	18,412	17,951
43	65	89 683	52 568,361	935 079,473	17,788	17,327
44	66	88 831	51 426,243	882 511,112	17,161	16,700
45	67	87 895	50 255,790	831 084,868	16,537	16,077
46	68	86 891	49 068,395	780 829,079	15,913	15,453
47	69	85 794	47 850,917	731 760,683	15,293	14,832
48	70	84 602	46 603,478	683 909,767	14,675	14,215
49	71	83 314	45 327,539	637 306,289	14,060	13,600
50	72	81 928	44 023,345	591 978,750	13,447	12,987
51	73	80 446	42 693,359	547 955,405	12,835	12,374
52	74	78 833	41 320,536	505 262,046	12,228	11,767
53	75	77 106	39 916,249	463 941,510	11,623	11,162
54	76	75 268	38 483,663	424 025,261	11,018	10,558
55	77	73 253	36 991,160	385 541,599	10,423	9,962
56	78	71 087	35 454,214	348 550,439	9,831	9,371
57	79	68 680	33 831,038	313 096,225	9,255	8,794
58	80	66 035	32 126,407	279 265,187	8,693	8,232
59	81	63 108	30 323,503	247 138,780	8,150	7,690
60	82	59 875	28 414,856	216 815,277	7,630	7,170
61	83	56 359	26 416,001	188 400,421	7,132	6,672
62	84	52 588	24 343,964	161 984,420	6,654	6,194
63	85	48 574	22 208,277	137 640,456	6,198	5,737
64	86	44 294	20 001,381	115 432,179	5,771	5,311
65	87	39 856	17 775,254	95 430,798	5,369	4,908
66	88	35 319	15 557,511	77 655,544	4,992	4,531
67	89	30 766	13 384,659	62 098,033	4,639	4,179
68	90	26 299	11 300,178	48 713,374	4,311	3,850
69	91	21 991	9 332,244	37 413,196	4,009	3,549
70	92	17 918	7 510,065	28 080,953	3,739	3,279
71	93	14 234	5 892,173	20 570,887	3,491	3,031
72	94	10 982	4 489,896	14 678,714	3,269	2,809
73	95	8 233	3 324,419	10 188,819	3,065	2,604
74	96	5 975	2 382,888	6 864,400	2,881	2,420
75	97	4 136	1 628,934	4 481,512	2,751	2,291
76	98	2 801	1 089,838	2 852,578	2,617	2,157
77	99	1 853	711,865	1 762,740	2,476	2,016
78	100	1 178	447,193	1 050,875	2,350	1,890

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 439	99 438,968	4 155 170,464	41,786	41,326
1	24	99 067	97 843,860	4 055 731,496	41,451	40,991
2	25	99 022	96 591,816	3 957 887,636	40,975	40,515
3	26	98 987	95 366,287	3 861 295,821	40,489	40,029
4	27	98 958	94 160,941	3 765 929,534	39,995	39,534
5	28	98 926	92 968,543	3 671 768,593	39,495	39,034
6	29	98 893	91 789,924	3 578 800,050	38,989	38,529
7	30	98 858	90 625,017	3 487 010,126	38,477	38,017
8	31	98 818	89 470,097	3 396 385,110	37,961	37,501
9	32	98 779	88 330,227	3 306 915,013	37,438	36,978
10	33	98 737	87 202,861	3 218 584,786	36,909	36,449
11	34	98 694	86 088,427	3 131 381,924	36,374	35,914
12	35	98 646	84 984,509	3 045 293,497	35,834	35,373
13	36	98 599	83 894,949	2 960 308,988	35,286	34,826
14	37	98 544	82 813,277	2 876 414,039	34,734	34,273
15	38	98 484	81 740,977	2 793 600,762	34,176	33,716
16	39	98 409	80 670,229	2 711 859,785	33,617	33,156
17	40	98 325	79 606,699	2 631 189,555	33,052	32,592
18	41	98 231	78 548,401	2 551 582,856	32,484	32,024
19	42	98 121	77 491,535	2 473 034,455	31,914	31,453
20	43	98 004	76 443,688	2 395 542,920	31,337	30,877
21	44	97 872	75 398,806	2 319 099,232	30,758	30,297
22	45	97 738	74 365,530	2 243 700,426	30,171	29,711
23	46	97 581	73 329,526	2 169 334,896	29,583	29,123
24	47	97 422	72 306,421	2 096 005,370	28,988	28,527
25	48	97 242	71 282,026	2 023 698,949	28,390	27,930
26	49	97 045	70 258,996	1 952 416,922	27,789	27,328
27	50	96 831	69 238,514	1 882 157,927	27,184	26,723
28	51	96 607	68 225,465	1 812 919,413	26,572	26,112
29	52	96 353	67 206,193	1 744 693,948	25,960	25,500
30	53	96 078	66 187,088	1 677 487,755	25,345	24,884
31	54	95 778	65 165,511	1 611 300,667	24,726	24,266
32	55	95 442	64 135,555	1 546 135,156	24,107	23,647
33	56	95 072	63 098,149	1 481 999,601	23,487	23,027
34	57	94 663	62 050,812	1 418 901,451	22,867	22,406
35	58	94 219	60 997,288	1 356 850,639	22,244	21,784
36	59	93 734	59 934,087	1 295 853,352	21,621	21,161
37	60	93 212	58 864,935	1 235 919,265	20,996	20,535
38	61	92 630	57 774,807	1 177 054,330	20,373	19,913
39	62	92 005	56 676,516	1 119 279,523	19,749	19,288
40	63	91 338	55 571,445	1 062 603,007	19,121	18,661
41	64	90 610	54 447,487	1 007 031,562	18,495	18,035
42	65	89 813	53 302,261	952 584,075	17,871	17,411
43	66	88 968	52 149,368	899 281,813	17,244	16,784
44	67	88 053	50 975,641	847 132,445	16,618	16,158
45	68	87 061	49 779,253	796 156,804	15,994	15,533
46	69	85 981	48 554,862	746 377,551	15,372	14,911
47	70	84 803	47 298,018	697 822,689	14,754	14,293
48	71	83 536	46 016,330	650 524,671	14,137	13,676
49	72	82 173	44 706,471	604 508,341	13,522	13,061
50	73	80 715	43 371,201	559 801,870	12,907	12,447
51	74	79 126	41 992,498	516 430,669	12,298	11,838
52	75	77 426	40 583,246	474 438,171	11,690	11,230
53	76	75 623	39 148,605	433 854,924	11,082	10,622
54	77	73 644	37 653,726	394 706,320	10,483	10,022
55	78	71 510	36 110,900	357 052,593	9,888	9,427
56	79	69 136	34 481,066	320 941,693	9,308	8,847
57	80	66 523	32 768,254	286 460,627	8,742	8,282
58	81	63 627	30 955,030	253 692,373	8,196	7,735
59	82	60 415	29 029,482	222 737,343	7,673	7,212
60	83	56 919	27 011,760	193 707,861	7,171	6,711
61	84	53 163	24 917,911	166 696,101	6,690	6,229
62	85	49 161	22 757,635	141 778,190	6,230	5,770
63	86	44 876	20 517,680	119 020,555	5,801	5,340
64	87	40 432	18 257,661	98 502,875	5,395	4,935
65	88	35 873	15 998,697	80 245,215	5,016	4,555
66	89	31 286	13 780,812	64 246,517	4,662	4,202
67	90	26 781	11 651,106	50 465,706	4,331	3,871
68	91	22 421	9 633,672	38 814,600	4,029	3,569
69	92	18 304	7 767,838	29 180,928	3,757	3,296
70	93	14 559	6 101,915	21 413,090	3,509	3,049
71	94	11 259	4 660,860	15 311,176	3,285	2,825
72	95	8 454	3 456,478	10 650,315	3,081	2,621
73	96	6 152	2 484,082	7 193,838	2,896	2,436
74	97	4 268	1 702,209	4 709,756	2,767	2,306
75	98	2 899	1 141,852	3 007,547	2,634	2,174
76	99	1 924	748,590	1 865,694	2,492	2,032
77	100	1 228	471,991	1 117,104	2,367	1,906

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 421	99 421,072	4 113 332,192	41,373	40,912
1	25	99 049	97 826,254	4 013 911,120	41,031	40,571
2	26	99 003	96 573,442	3 916 084,866	40,550	40,090
3	27	98 969	95 348,340	3 819 511,424	40,058	39,598
4	28	98 937	94 140,679	3 724 163,084	39,560	39,099
5	29	98 903	92 946,635	3 630 022,406	39,055	38,595
6	30	98 867	91 766,172	3 537 075,770	38,544	38,084
7	31	98 827	90 596,277	3 445 309,599	38,029	37,569
8	32	98 787	89 442,004	3 354 713,322	37,507	37,047
9	33	98 745	88 299,962	3 265 271,318	36,979	36,519
10	34	98 702	87 171,439	3 176 971,356	36,445	35,985
11	35	98 654	86 053,475	3 089 799,917	35,906	35,445
12	36	98 605	84 949,484	3 003 746,441	35,359	34,899
13	37	98 554	83 856,484	2 918 796,957	34,807	34,347
14	38	98 497	82 773,969	2 834 940,473	34,249	33,789
15	39	98 425	81 691,667	2 752 166,505	33,690	33,229
16	40	98 350	80 621,735	2 670 474,838	33,124	32,663
17	41	98 258	79 552,113	2 589 853,103	32,555	32,095
18	42	98 158	78 490,255	2 510 300,990	31,982	31,522
19	43	98 043	77 430,025	2 431 810,735	31,407	30,946
20	44	97 915	76 374,272	2 354 380,710	30,827	30,366
21	45	97 777	75 325,625	2 278 006,438	30,242	29,782
22	46	97 625	74 279,843	2 202 680,812	29,654	29,193
23	47	97 462	73 240,247	2 128 400,969	29,061	28,600
24	48	97 289	72 207,340	2 055 160,722	28,462	28,002
25	49	97 087	71 168,399	1 982 953,382	27,863	27,402
26	50	96 875	70 136,178	1 911 784,983	27,258	26,798
27	51	96 651	69 110,201	1 841 648,805	26,648	26,188
28	52	96 400	68 079,279	1 772 538,604	26,036	25,576
29	53	96 128	67 049,403	1 704 459,326	25,421	24,961
30	54	95 831	66 017,141	1 637 409,923	24,803	24,342
31	55	95 501	64 977,268	1 571 392,781	24,184	23,723
32	56	95 132	63 927,407	1 506 415,514	23,564	23,104
33	57	94 732	62 872,450	1 442 488,107	22,943	22,483
34	58	94 291	61 807,317	1 379 615,657	22,321	21,861
35	59	93 809	60 731,985	1 317 808,341	21,699	21,238
36	60	93 292	59 652,015	1 257 076,355	21,073	20,613
37	61	92 720	58 554,366	1 197 424,340	20,450	19,989
38	62	92 103	57 446,306	1 138 869,974	19,825	19,365
39	63	91 440	56 328,837	1 081 423,668	19,198	18,738
40	64	90 722	55 196,400	1 025 094,831	18,572	18,111
41	65	89 932	54 040,619	969 898,431	17,948	17,487
42	66	89 097	52 877,419	915 857,813	17,320	16,860
43	67	88 189	51 692,430	862 980,394	16,695	16,234
44	68	87 218	50 492,279	811 287,964	16,068	15,607
45	69	86 150	49 258,280	760 795,685	15,445	14,985
46	70	84 988	47 993,830	711 537,406	14,826	14,365
47	71	83 734	46 702,121	663 543,576	14,208	13,748
48	72	82 391	45 385,824	616 841,455	13,591	13,131
49	73	80 955	44 044,208	571 455,631	12,975	12,514
50	74	79 390	42 659,213	527 411,423	12,363	11,903
51	75	77 714	41 243,219	484 752,210	11,754	11,293
52	76	75 937	39 802,775	443 508,992	11,143	10,682
53	77	73 992	38 304,328	403 706,217	10,539	10,079
54	78	71 892	36 757,700	365 401,889	9,941	9,480
55	79	69 547	35 119,727	328 644,189	9,358	8,897
56	80	66 964	33 397,862	293 524,462	8,789	8,328
57	81	64 097	31 573,475	260 126,600	8,239	7,778
58	82	60 912	29 634,059	228 553,125	7,713	7,252
59	83	57 432	27 596,037	198 919,066	7,208	6,748
60	84	53 691	25 479,884	171 323,030	6,724	6,263
61	85	49 699	23 294,182	145 843,146	6,261	5,801
62	86	45 418	21 025,218	122 548,964	5,829	5,368
63	87	40 964	18 728,948	101 523,746	5,421	4,960
64	88	36 391	16 432,890	82 794,798	5,038	4,578
65	89	31 776	14 171,614	66 361,908	4,683	4,222
66	90	27 234	11 995,949	52 190,294	4,351	3,890
67	91	22 832	9 932,846	40 194,344	4,047	3,586
68	92	18 662	8 018,736	30 261,498	3,774	3,313
69	93	14 872	6 311,354	22 242,762	3,524	3,064
70	94	11 516	4 826,771	15 931,408	3,301	2,840
71	95	8 668	3 588,092	11 104,637	3,095	2,634
72	96	6 317	2 582,760	7 516,544	2,910	2,450
73	97	4 395	1 774,497	4 933,785	2,780	2,320
74	98	2 992	1 193,217	3 159,288	2,648	2,187
75	99	1 991	784,318	1 966,071	2,507	2,046
76	100	1 276	496,341	1 181,753	2,381	1,921

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 403	99 403,183	4 070 530,698	40,950	40,489
1	26	99 030	97 807,645	3 971 127,515	40,601	40,141
2	27	98 984	96 555,267	3 873 319,870	40,115	39,655
3	28	98 947	95 327,822	3 776 764,603	39,619	39,158
4	29	98 913	94 118,495	3 681 436,781	39,115	38,655
5	30	98 877	92 922,584	3 587 318,286	38,605	38,145
6	31	98 836	91 737,070	3 494 395,703	38,091	37,631
7	32	98 796	90 567,830	3 402 658,633	37,570	37,110
8	33	98 754	89 411,358	3 312 090,803	37,043	36,583
9	34	98 710	88 268,145	3 222 679,445	36,510	36,050
10	35	98 662	87 136,048	3 134 411,300	35,971	35,511
11	36	98 613	86 018,010	3 047 275,252	35,426	34,966
12	37	98 560	84 910,535	2 961 257,242	34,875	34,415
13	38	98 507	83 816,680	2 876 346,706	34,317	33,857
14	39	98 438	82 724,035	2 792 530,026	33,757	33,297
15	40	98 365	81 642,558	2 709 805,991	33,191	32,731
16	41	98 282	80 566,453	2 628 163,433	32,621	32,161
17	42	98 185	79 493,224	2 547 596,980	32,048	31,588
18	43	98 080	78 427,953	2 468 103,756	31,470	31,009
19	44	97 954	77 359,714	2 389 675,804	30,890	30,430
20	45	97 820	76 300,145	2 312 316,090	30,306	29,845
21	46	97 665	75 238,833	2 236 015,945	29,719	29,259
22	47	97 506	74 189,407	2 160 777,113	29,125	28,665
23	48	97 328	73 139,885	2 086 587,706	28,529	28,068
24	49	97 134	72 092,238	2 013 447,821	27,929	27,468
25	50	96 918	71 043,992	1 941 355,583	27,326	26,866
26	51	96 696	70 006,202	1 870 311,591	26,716	26,256
27	52	96 444	68 962,119	1 800 305,390	26,106	25,645
28	53	96 175	67 920,452	1 731 343,271	25,491	25,030
29	54	95 881	66 877,242	1 663 422,819	24,873	24,412
30	55	95 555	65 826,438	1 596 545,577	24,254	23,793
31	56	95 191	64 766,387	1 530 719,139	23,634	23,174
32	57	94 792	63 698,741	1 465 952,752	23,014	22,553
33	58	94 360	62 625,730	1 402 254,011	22,391	21,931
34	59	93 881	61 538,491	1 339 628,281	21,769	21,309
35	60	93 367	60 446,159	1 278 089,790	21,144	20,684
36	61	92 800	59 337,294	1 217 643,631	20,521	20,060
37	62	92 193	58 221,433	1 158 306,337	19,895	19,434
38	63	91 538	57 093,905	1 100 084,905	19,268	18,808
39	64	90 823	55 948,680	1 042 990,999	18,642	18,182
40	65	90 044	54 783,935	987 042,320	18,017	17,557
41	66	89 216	53 609,891	932 258,385	17,390	16,929
42	67	88 316	52 414,101	878 648,493	16,764	16,303
43	68	87 353	51 202,271	826 234,393	16,137	15,676
44	69	86 305	49 963,843	775 032,122	15,512	15,051
45	70	85 155	48 689,120	725 068,279	14,892	14,431
46	71	83 917	47 389,166	676 379,159	14,273	13,812
47	72	82 587	46 062,218	628 989,993	13,655	13,195
48	73	81 171	44 713,498	582 927,775	13,037	12,577
49	74	79 626	43 321,171	538 214,277	12,424	11,963
50	75	77 973	41 898,037	494 893,106	11,812	11,351
51	76	76 219	40 450,055	452 995,069	11,199	10,738
52	77	74 300	38 944,390	412 545,015	10,593	10,133
53	78	72 231	37 392,820	373 600,624	9,991	9,531
54	79	69 919	35 748,774	336 207,804	9,405	8,944
55	80	67 362	34 016,460	300 459,031	8,833	8,372
56	81	64 522	32 180,126	266 442,571	8,280	7,819
57	82	61 362	30 226,113	234 262,445	7,750	7,290
58	83	57 904	28 170,760	204 036,333	7,243	6,782
59	84	54 175	26 031,025	175 865,572	6,756	6,296
60	85	50 192	23 819,535	149 834,547	6,290	5,830
61	86	45 915	21 520,920	126 015,012	5,855	5,395
62	87	41 459	19 192,239	104 494,092	5,445	4,984
63	88	36 870	16 857,074	85 301,853	5,060	4,600
64	89	32 235	14 556,221	68 444,778	4,702	4,242
65	90	27 660	12 336,136	53 888,557	4,368	3,908
66	91	23 217	10 226,834	41 552,422	4,063	3,603
67	92	19 004	8 267,759	31 325,588	3,789	3,328
68	93	15 163	6 515,209	23 057,829	3,539	3,079
69	94	11 764	4 992,444	16 542,621	3,314	2,853
70	95	8 866	3 715,816	11 550,177	3,108	2,648
71	96	6 477	2 681,105	7 834,361	2,922	2,462
72	97	4 513	1 844,987	5 153,256	2,793	2,333
73	98	3 080	1 243,889	3 308,269	2,660	2,199
74	99	2 055	819,599	2 064,379	2,519	2,058
75	100	1 320	520,030	1 244,780	2,394	1,933

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1	0	99 644	98 413,604	4 729 483,952	48,057	47,597
2	1	99 317	96 879,719	4 631 070,349	47,802	47,342
3	2	99 277	95 645,016	4 534 190,630	47,406	46,946
4	3	99 254	94 442,189	4 438 545,614	46,997	46,537
5	4	99 233	93 256,680	4 344 103,425	46,582	46,122
6	5	99 213	92 087,298	4 250 846,744	46,161	45,701
7	6	99 195	90 934,049	4 158 759,446	45,734	45,273
8	7	99 178	89 795,726	4 067 825,397	45,301	44,840
9	8	99 165	88 675,433	3 978 029,671	44,861	44,400
10	9	99 150	87 567,565	3 889 354,238	44,415	43,955
11	10	99 136	86 474,341	3 801 786,673	43,964	43,504
12	11	99 123	85 395,151	3 715 312,332	43,507	43,047
13	12	99 108	84 328,562	3 629 917,182	43,045	42,585
14	13	99 091	83 272,943	3 545 588,619	42,578	42,118
15	14	99 068	82 225,977	3 462 315,676	42,107	41,647
16	15	99 043	81 190,372	3 380 089,699	41,632	41,171
17	16	99 007	80 158,423	3 298 899,327	41,155	40,694
18	17	98 965	79 135,407	3 218 740,904	40,674	40,213
19	18	98 914	78 117,840	3 139 605,497	40,191	39,730
20	19	98 855	77 107,546	3 061 487,657	39,704	39,244
21	20	98 795	76 109,409	2 984 380,110	39,212	38,751
22	21	98 736	75 125,432	2 908 270,701	38,712	38,252
23	22	98 675	74 152,067	2 833 145,269	38,207	37,747
24	23	98 619	73 194,698	2 758 993,202	37,694	37,234
25	24	98 554	72 243,728	2 685 798,504	37,177	36,717
26	25	98 493	71 307,750	2 613 554,776	36,652	36,191
27	26	98 430	70 381,700	2 542 247,026	36,121	35,660
28	27	98 366	69 467,611	2 471 865,326	35,583	35,123
29	28	98 297	68 561,964	2 402 397,714	35,040	34,579
30	29	98 222	67 664,248	2 333 835,750	34,491	34,031
31	30	98 142	66 774,086	2 266 171,503	33,938	33,477
32	31	98 050	65 888,196	2 199 397,417	33,381	32,920
33	32	97 957	65 013,084	2 133 509,220	32,817	32,356
34	33	97 852	64 141,487	2 068 496,137	32,249	31,789
35	34	97 742	63 278,057	2 004 354,650	31,675	31,215
36	35	97 623	62 421,356	1 941 076,593	31,096	30,636
37	36	97 499	61 572,348	1 878 655,237	30,511	30,051
38	37	97 359	60 724,755	1 817 082,889	29,923	29,463
39	38	97 209	59 882,595	1 756 358,133	29,330	28,870
40	39	97 042	59 041,782	1 696 475,538	28,733	28,273
41	40	96 864	58 205,683	1 637 433,757	28,132	27,671
42	41	96 668	57 371,052	1 579 228,073	27,527	27,066
43	42	96 458	56 539,246	1 521 857,021	26,917	26,456
44	43	96 233	55 710,993	1 465 317,775	26,302	25,842
45	44	95 972	54 874,396	1 409 606,782	25,688	25,227
46	45	95 691	54 038,280	1 354 732,386	25,070	24,609
47	46	95 373	53 193,474	1 300 694,106	24,452	23,992
48	47	95 031	52 348,550	1 247 500,632	23,831	23,370
49	48	94 649	51 494,316	1 195 152,082	23,209	22,749
50	49	94 217	50 626,639	1 143 657,766	22,590	22,130
51	50	93 740	49 748,287	1 093 031,127	21,971	21,511
52	51	93 220	48 861,499	1 043 282,839	21,352	20,891
53	52	92 635	47 955,472	994 421,340	20,736	20,276
54	53	91 985	47 030,966	946 465,869	20,124	19,664
55	54	91 261	46 084,759	899 434,903	19,517	19,057
56	55	90 459	45 115,992	853 350,143	18,915	18,454
57	56	89 572	44 121,817	808 234,151	18,318	17,858
58	57	88 597	43 102,851	764 112,334	17,728	17,267
59	58	87 529	42 057,800	721 009,484	17,143	16,683
60	59	86 370	40 988,279	678 951,684	16,565	16,104
61	60	85 118	39 895,609	637 963,405	15,991	15,530
62	61	83 753	38 771,034	598 067,796	15,426	14,965
63	62	82 282	37 619,995	559 296,762	14,867	14,407
64	63	80 716	36 448,370	521 676,768	14,313	13,852
65	64	79 029	35 245,838	485 228,398	13,767	13,307
66	65	77 229	34 017,767	449 982,560	13,228	12,767
67	66	75 341	32 776,527	415 964,793	12,691	12,231
68	67	73 337	31 510,766	383 188,267	12,161	11,700
69	68	71 248	30 235,382	351 677,501	11,631	11,171
70	69	69 015	28 926,101	321 442,119	11,113	10,652
71	70	66 696	27 609,080	292 516,018	10,595	10,135
72	71	64 233	26 261,272	264 906,939	10,087	9,627
73	72	61 694	24 911,847	238 645,666	9,580	9,119
74	73	59 033	23 543,012	213 733,820	9,078	8,618
75	74	56 259	22 159,705	190 190,808	8,583	8,122
76	75	53 397	20 772,890	168 031,103	8,089	7,629
77	76	50 424	19 373,888	147 258,213	7,601	7,140
78	77	47 328	17 960,139	127 884,325	7,120	6,660
79	78	44 101	16 528,934	109 924,186	6,650	6,190
80	79	40 726	15 075,525	93 395,252	6,195	5,735
81	80	37 221	13 607,953	78 319,726	5,755	5,295
82	81	33 550	12 114,235	64 711,773	5,342	4,881
83	82	29 784	10 621,896	52 597,538	4,952	4,491
84	83	26 007	9 160,319	41 975,641	4,582	4,122
85	84	22 275	7 749,059	32 815,322	4,235	3,774
86	85	18 644	6 405,719	25 066,263	3,913	3,453
87	86	15 197	5 157,018	18 660,544	3,618	3,158
88	87	12 040	4 035,119	13 503,526	3,346	2,886
89	88	9 225	3 053,591	9 468,407	3,101	2,640
90	89	6 822	2 230,378	6 414,816	2,876	2,416
91	90	4 860	1 569,381	4 184,437	2,666	2,206
92	91	3 319	1 058,352	2 615,056	2,471	2,010
93	92	2 140	673,968	1 556,704	2,310	1,849
94	93	1 315	409,187	882,736	2,157	1,697
95	94	760	233,363	473,549	2,029	1,569
96	95	415	125,955	240,186	1,907	1,447
97	96	210	62,988	114,231	1,814	1,353
98	97	100	29,482	51,243	1,738	1,278
99	98	45	13,046	21,761	1,668	1,208
100	99	19	5,454	8,715	1,598	1,138

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2	0	99 616	97 171,754	4 644 895,500	47,801	47,340
3	1	99 301	95 668,736	4 547 723,746	47,536	47,076
4	2	99 266	94 453,922	4 452 055,010	47,135	46,674
5	3	99 243	93 266,299	4 357 601,088	46,722	46,262
6	4	99 223	92 096,111	4 264 334,789	46,303	45,843
7	5	99 204	90 942,150	4 172 238,678	45,878	45,418
8	6	99 187	89 803,670	4 081 296,528	45,447	44,986
9	7	99 170	88 679,553	3 991 492,858	45,010	44,550
10	8	99 157	87 573,667	3 902 813,305	44,566	44,106
11	9	99 142	86 479,631	3 815 239,638	44,117	43,657
12	10	99 129	85 400,146	3 728 760,007	43,662	43,202
13	11	99 116	84 335,084	3 643 359,861	43,201	42,741
14	12	99 099	83 279,483	3 559 024,777	42,736	42,276
15	13	99 078	82 233,725	3 475 745,295	42,267	41,806
16	14	99 052	81 197,859	3 393 511,570	41,793	41,333
17	15	99 019	80 168,177	3 312 313,711	41,317	40,857
18	16	98 980	79 147,061	3 232 145,534	40,837	40,377
19	17	98 927	78 128,478	3 152 998,473	40,357	39,896
20	18	98 874	77 122,741	3 074 869,994	39,870	39,409
21	19	98 812	76 122,715	2 997 747,254	39,380	38,920
22	20	98 755	75 139,324	2 921 624,539	38,883	38,422
23	21	98 692	74 164,297	2 846 485,215	38,381	37,920
24	22	98 635	73 206,616	2 772 320,918	37,870	37,409
25	23	98 572	72 256,731	2 699 114,302	37,355	36,894
26	24	98 511	71 320,584	2 626 857,570	36,832	36,371
27	25	98 448	70 395,091	2 555 536,987	36,303	35,842
28	26	98 384	69 480,687	2 485 141,896	35,767	35,307
29	27	98 318	68 576,721	2 415 661,208	35,226	34,765
30	28	98 245	67 680,196	2 347 084,488	34,679	34,219
31	29	98 167	66 791,369	2 279 404,292	34,127	33,667
32	30	98 081	65 909,098	2 212 612,922	33,571	33,110
33	31	97 988	65 033,504	2 146 703,824	33,009	32,549
34	32	97 886	64 163,471	2 081 670,320	32,443	31,983
35	33	97 777	63 300,867	2 017 506,849	31,872	31,411
36	34	97 663	62 446,709	1 954 205,982	31,294	30,834
37	35	97 540	61 597,735	1 891 759,274	30,712	30,251
38	36	97 404	60 752,610	1 830 161,539	30,125	29,664
39	37	97 255	59 911,033	1 769 408,929	29,534	29,074
40	38	97 101	59 077,420	1 709 497,896	28,937	28,476
41	39	96 922	58 240,694	1 650 420,476	28,338	27,878
42	40	96 735	57 410,419	1 592 179,782	27,733	27,273
43	41	96 529	56 581,130	1 534 769,363	27,125	26,665
44	42	96 309	55 755,249	1 478 188,233	26,512	26,052
45	43	96 060	54 924,271	1 422 432,983	25,898	25,438
46	44	95 784	54 090,779	1 367 508,712	25,282	24,821
47	45	95 483	53 254,837	1 313 417,933	24,663	24,202
48	46	95 147	52 412,362	1 260 163,096	24,043	23,583
49	47	94 779	51 564,975	1 207 750,734	23,422	22,962
50	48	94 368	50 707,470	1 156 185,759	22,801	22,341
51	49	93 904	49 835,403	1 105 478,289	22,183	21,722
52	50	93 393	48 952,217	1 055 642,886	21,565	21,104
53	51	92 834	48 058,446	1 006 690,669	20,947	20,487
54	52	92 200	47 140,944	958 632,222	20,335	19,875
55	53	91 496	46 203,395	911 491,278	19,728	19,267
56	54	90 721	45 246,696	865 287,883	19,124	18,663
57	55	89 863	44 265,478	820 041,187	18,526	18,065
58	56	88 915	43 257,581	775 775,709	17,934	17,473
59	57	87 874	42 223,491	732 518,128	17,349	16,888
60	58	86 747	41 167,332	690 294,637	16,768	16,308
61	59	85 521	40 084,260	649 127,305	16,194	15,734
62	60	84 197	38 976,673	609 043,045	15,626	15,165
63	61	82 753	37 835,120	570 066,372	15,067	14,607
64	62	81 214	36 673,340	532 231,251	14,513	14,052
65	63	79 566	35 485,325	495 557,911	13,965	13,505
66	64	77 810	34 273,884	460 072,587	13,423	12,963
67	65	75 946	33 039,869	425 798,702	12,887	12,427
68	66	73 985	31 789,307	392 758,833	12,355	11,895
69	67	71 930	30 524,825	360 969,526	11,825	11,365
70	68	69 745	29 232,034	330 444,701	11,304	10,844
71	69	67 476	27 931,821	301 212,667	10,784	10,323
72	70	65 053	26 596,354	273 280,847	10,275	9,815
73	71	62 551	25 257,925	246 684,493	9,767	9,306
74	72	59 921	23 897,012	221 426,567	9,266	8,805
75	73	57 198	22 529,553	197 529,555	8,768	8,307
76	74	54 367	21 150,278	175 000,002	8,274	7,814
77	75	51 412	19 753,781	153 849,723	7,788	7,328
78	76	48 372	18 356,003	134 095,943	7,305	6,845
79	77	45 176	16 931,853	115 739,939	6,836	6,375
80	78	41 876	15 500,997	98 808,087	6,374	5,914
81	79	38 428	14 049,305	83 307,090	5,930	5,469
82	80	34 819	12 572,653	69 257,785	5,509	5,048
83	81	31 112	11 095,379	56 685,132	5,109	4,649
84	82	27 358	9 636,142	45 589,753	4,731	4,271
85	83	23 615	8 214,941	35 953,611	4,377	3,916
86	84	19 944	6 852,232	27 738,671	4,048	3,588
87	85	16 450	5 581,941	20 886,438	3,742	3,281
88	86	13 190	4 420,498	15 304,497	3,462	3,002
89	87	10 249	3 392,674	10 883,999	3,208	2,748
90	88	7 702	2 517,931	7 491,326	2,975	2,515
91	89	5 584	1 802,888	4 973,394	2,759	2,298
92	90	3 893	1 241,433	3 170,507	2,554	2,094
93	91	2 571	809,702	1 929,073	2,382	1,922
94	92	1 619	503,616	1 119,371	2,223	1,762
95	93	960	295,013	615,755	2,087	1,627
96	94	539	163,613	320,742	1,960	1,500
97	95	281	84,297	157,129	1,864	1,404
98	96	139	41,272	72,833	1,765	1,304
99	97	64	18,611	31,561	1,696	1,235
100	98	27	7,940	12,950	1,631	1,171

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3	0	99 601	95 957,120	4 560 536,095	47,527	47,066
4	1	99 291	94 477,347	4 464 578,975	47,256	46,795
5	2	99 255	93 277,886	4 370 101,627	46,850	46,390
6	3	99 233	92 105,609	4 276 823,741	46,434	45,974
7	4	99 214	90 950,853	4 184 718,132	46,011	45,550
8	5	99 196	89 811,671	4 093 767,279	45,582	45,121
9	6	99 178	88 687,398	4 003 955,608	45,147	44,686
10	7	99 162	87 577,736	3 915 268,210	44,706	44,246
11	8	99 149	86 485,658	3 827 690,474	44,258	43,798
12	9	99 135	85 405,371	3 741 204,817	43,805	43,345
13	10	99 122	84 340,017	3 655 799,446	43,346	42,886
14	11	99 106	83 285,923	3 571 459,429	42,882	42,422
15	12	99 085	82 240,182	3 488 173,506	42,414	41,954
16	13	99 062	81 205,509	3 405 933,324	41,942	41,482
17	14	99 028	80 175,570	3 324 727,815	41,468	41,008
18	15	98 992	79 156,692	3 244 552,245	40,989	40,529
19	16	98 942	78 139,984	3 165 395,553	40,509	40,049
20	17	98 888	77 133,244	3 087 255,568	40,025	39,565
21	18	98 832	76 137,715	3 010 122,325	39,535	39,075
22	19	98 772	75 152,460	2 933 984,610	39,040	38,580
23	20	98 710	74 178,011	2 858 832,150	38,540	38,080
24	21	98 651	73 218,690	2 784 654,139	38,032	37,572
25	22	98 588	72 268,497	2 711 435,449	37,519	37,059
26	23	98 529	71 333,421	2 639 166,952	36,998	36,537
27	24	98 466	70 407,760	2 567 833,531	36,471	36,010
28	25	98 403	69 493,907	2 497 425,771	35,937	35,477
29	26	98 336	68 589,629	2 427 931,864	35,398	34,938
30	27	98 267	67 694,763	2 359 342,235	34,853	34,392
31	28	98 190	66 807,112	2 291 647,472	34,302	33,842
32	29	98 107	65 926,157	2 224 840,360	33,747	33,287
33	30	98 019	65 054,135	2 158 914,203	33,186	32,726
34	31	97 916	64 183,625	2 093 860,068	32,623	32,163
35	32	97 810	63 322,563	2 029 676,443	32,053	31,593
36	33	97 698	62 469,218	1 966 353,880	31,477	31,017
37	34	97 579	61 622,753	1 903 884,662	30,896	30,435
38	35	97 444	60 777,659	1 842 261,909	30,311	29,851
39	36	97 300	59 938,515	1 781 484,250	29,722	29,261
40	37	97 147	59 105,475	1 721 545,736	29,127	28,666
41	38	96 981	58 275,849	1 662 440,260	28,527	28,067
42	39	96 793	57 444,951	1 604 164,411	27,925	27,465
43	40	96 595	56 619,955	1 546 719,460	27,318	26,857
44	41	96 380	55 796,553	1 490 099,505	26,706	26,246
45	42	96 136	54 967,903	1 434 302,952	26,093	25,633
46	43	95 871	54 139,942	1 379 335,049	25,477	25,017
47	44	95 576	53 306,575	1 325 195,108	24,860	24,399
48	45	95 257	52 472,824	1 271 888,533	24,239	23,779
49	46	94 894	51 627,833	1 219 415,709	23,619	23,159
50	47	94 497	50 777,050	1 167 787,876	22,998	22,538
51	48	94 054	49 914,970	1 117 010,827	22,378	21,918
52	49	93 556	49 037,939	1 067 095,857	21,761	21,300
53	50	93 006	48 147,674	1 018 057,918	21,144	20,684
54	51	92 398	47 242,170	969 910,244	20,531	20,070
55	52	91 710	46 311,438	922 668,074	19,923	19,463
56	53	90 955	45 363,174	876 356,636	19,319	18,858
57	54	90 124	44 393,718	830 993,463	18,719	18,258
58	55	89 204	43 398,429	786 599,745	18,125	17,665
59	56	88 190	42 375,065	743 201,316	17,539	17,078
60	57	87 089	41 329,515	700 826,251	16,957	16,497
61	58	85 894	40 259,364	659 496,736	16,381	15,921
62	59	84 595	39 160,979	619 237,372	15,813	15,352
63	60	83 192	38 035,796	580 076,393	15,251	14,790
64	61	81 679	36 883,053	542 040,597	14,696	14,236
65	62	80 057	35 704,351	505 157,545	14,148	13,688
66	63	78 339	34 506,767	469 453,194	13,605	13,144
67	64	76 518	33 288,624	434 946,427	13,066	12,606
68	65	74 579	32 044,718	401 657,803	12,534	12,074
69	66	72 566	30 794,651	369 613,085	12,003	11,542
70	67	70 412	29 511,872	338 818,434	11,481	11,020
71	68	68 189	28 227,238	309 306,562	10,958	10,497
72	69	65 813	26 907,257	281 079,325	10,446	9,986
73	70	63 349	25 580,205	254 172,068	9,936	9,476
74	71	60 753	24 228,993	228 591,863	9,435	8,974
75	72	58 058	22 868,315	204 362,870	8,937	8,476
76	73	55 275	21 503,280	181 494,555	8,440	7,980
77	74	52 346	20 112,654	159 991,276	7,955	7,494
78	75	49 320	18 715,936	139 878,621	7,474	7,013
79	76	46 172	17 305,052	121 162,685	7,002	6,541
80	77	42 896	15 878,858	103 857,632	6,541	6,080
81	78	39 513	14 445,814	87 978,774	6,090	5,630
82	79	35 949	12 980,426	73 532,961	5,665	5,205
83	80	32 289	11 515,242	60 552,534	5,258	4,798
84	81	28 578	10 065,683	49 037,292	4,872	4,411
85	82	24 841	8 641,656	38 971,609	4,510	4,049
86	83	21 143	7 264,195	30 329,953	4,175	3,715
87	84	17 596	5 971,032	23 065,757	3,863	3,403
88	85	14 276	4 784,735	17 094,725	3,573	3,112
89	86	11 228	3 716,695	12 309,991	3,312	2,852
90	87	8 557	2 797,532	8 593,296	3,072	2,611
91	88	6 304	2 035,326	5 795,764	2,848	2,387
92	89	4 472	1 426,145	3 760,438	2,637	2,176
93	90	3 015	949,770	2 334,293	2,458	1,997
94	91	1 945	605,042	1 384,523	2,288	1,828
95	92	1 182	363,094	779,481	2,147	1,686
96	93	682	206,836	416,387	2,013	1,553
97	94	365	109,500	209,551	1,914	1,453
98	95	187	55,233	100,051	1,811	1,351
99	96	89	26,053	44,818	1,720	1,260
100	97	39	11,326	18,765	1,657	1,196

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4	0	99 590	94 762,140	4 476 430,976	47,239	46,778
5	1	99 280	93 301,019	4 381 668,836	46,963	46,502
6	2	99 245	92 117,053	4 288 367,817	46,553	46,093
7	3	99 224	90 960,233	4 196 250,764	46,133	45,672
8	4	99 205	89 820,265	4 105 290,530	45,706	45,245
9	5	99 187	88 695,299	4 015 470,265	45,273	44,812
10	6	99 170	87 585,483	3 926 774,966	44,834	44,373
11	7	99 154	86 489,675	3 839 189,483	44,389	43,929
12	8	99 142	85 411,322	3 752 699,807	43,937	43,476
13	9	99 128	84 345,176	3 667 288,485	43,480	43,019
14	10	99 112	83 290,795	3 582 943,308	43,017	42,557
15	11	99 093	82 246,542	3 499 652,513	42,551	42,090
16	12	99 070	81 211,886	3 417 405,971	42,080	41,620
17	13	99 037	80 183,124	3 336 194,084	41,607	41,147
18	14	99 001	79 163,992	3 256 010,960	41,130	40,670
19	15	98 954	78 149,492	3 176 846,969	40,651	40,191
20	16	98 902	77 144,603	3 098 697,476	40,167	39,707
21	17	98 845	76 148,084	3 021 552,873	39,680	39,220
22	18	98 791	75 167,269	2 945 404,790	39,185	38,724
23	19	98 727	74 190,979	2 870 237,521	38,687	38,227
24	20	98 670	73 232,229	2 796 046,542	38,181	37,720
25	21	98 604	72 280,416	2 722 814,313	37,670	37,210
26	22	98 545	71 345,037	2 650 533,897	37,151	36,691
27	23	98 484	70 420,433	2 579 188,860	36,626	36,165
28	24	98 421	69 506,414	2 508 768,427	36,094	35,634
29	25	98 355	68 602,679	2 439 262,013	35,556	35,096
30	26	98 285	67 707,505	2 370 659,335	35,013	34,553
31	27	98 211	66 821,491	2 302 951,829	34,464	34,004
32	28	98 130	65 941,696	2 236 130,338	33,911	33,450
33	29	98 045	65 070,973	2 170 188,642	33,351	32,891
34	30	97 947	64 203,986	2 105 117,669	32,788	32,328
35	31	97 841	63 342,452	2 040 913,683	32,220	31,760
36	32	97 732	62 490,629	1 977 571,231	31,646	31,185
37	33	97 614	61 644,966	1 915 080,602	31,066	30,606
38	34	97 484	60 802,344	1 853 435,636	30,483	30,023
39	35	97 340	59 963,227	1 792 633,292	29,896	29,435
40	36	97 191	59 132,588	1 732 670,064	29,301	28,841
41	37	97 027	58 303,524	1 673 537,477	28,704	28,243
42	38	96 851	57 479,626	1 615 233,953	28,101	27,641
43	39	96 653	56 654,012	1 557 754,327	27,496	27,036
44	40	96 447	55 834,839	1 501 100,315	26,885	26,424
45	41	96 207	55 008,623	1 445 265,476	26,273	25,813
46	42	95 948	54 182,950	1 390 256,853	25,659	25,198
47	43	95 663	53 355,025	1 336 073,903	25,041	24,581
48	44	95 349	52 523,802	1 282 718,879	24,422	23,961
49	45	95 004	51 687,389	1 230 195,077	23,801	23,340
50	46	94 612	50 838,947	1 178 507,688	23,181	22,721
51	47	94 183	49 983,463	1 127 668,741	22,561	22,100
52	48	93 706	49 116,233	1 077 685,278	21,942	21,481
53	49	93 169	48 231,987	1 028 569,046	21,325	20,865
54	50	92 569	47 329,882	980 337,059	20,713	20,252
55	51	91 907	46 410,882	933 007,177	20,103	19,643
56	52	91 167	45 469,252	886 596,295	19,499	19,038
57	53	90 356	44 508,000	841 127,043	18,898	18,438
58	54	89 463	43 524,157	796 619,043	18,303	17,843
59	55	88 477	42 513,039	753 094,886	17,714	17,254
60	56	87 401	41 477,880	710 581,848	17,132	16,671
61	57	86 233	40 417,970	669 103,968	16,555	16,094
62	58	84 965	39 332,050	628 685,998	15,984	15,524
63	59	83 585	38 215,652	589 353,948	15,422	14,961
64	60	82 112	37 078,678	551 138,296	14,864	14,404
65	61	80 515	35 908,523	514 059,618	14,316	13,855
66	62	78 822	34 719,753	478 151,095	13,772	13,311
67	63	77 038	33 514,812	443 431,342	13,231	12,771
68	64	75 141	32 285,980	409 916,530	12,696	12,236
69	65	73 149	31 042,070	377 630,550	12,165	11,705
70	66	71 035	29 772,744	346 588,480	11,641	11,181
71	67	68 842	28 497,457	316 815,736	11,117	10,657
72	68	66 509	27 191,838	288 318,279	10,603	10,143
73	69	64 090	25 879,229	261 126,441	10,090	9,630
74	70	61 528	24 538,144	235 247,212	9,587	9,127
75	71	58 864	23 186,005	210 709,069	9,088	8,627
76	72	56 106	21 826,610	187 523,064	8,591	8,131
77	73	53 220	20 448,337	165 696,454	8,103	7,643
78	74	50 216	19 055,955	145 248,117	7,622	7,162
79	75	47 078	17 644,378	126 192,161	7,152	6,692
80	76	43 842	16 228,848	108 547,783	6,689	6,228
81	77	40 476	14 797,953	92 318,935	6,239	5,778
82	78	36 963	13 346,769	77 520,982	5,808	5,348
83	79	33 337	11 888,720	64 174,213	5,398	4,938
84	80	29 659	10 446,581	52 285,493	5,005	4,545
85	81	25 949	9 026,868	41 838,912	4,635	4,175
86	82	22 241	7 641,526	32 812,044	4,294	3,834
87	83	18 654	6 330,017	25 170,519	3,976	3,516
88	84	15 272	5 118,256	18 840,502	3,681	3,221
89	85	12 154	4 022,940	13 722,246	3,411	2,951
90	86	9 374	3 064,714	9 699,306	3,165	2,704
91	87	7 003	2 261,336	6 634,592	2,934	2,474
92	88	5 049	1 610,011	4 373,256	2,716	2,256
93	89	3 464	1 091,086	2 763,245	2,533	2,072
94	90	2 281	709,707	1 672,159	2,356	1,896
95	91	1 420	436,219	962,452	2,206	1,746
96	92	839	254,568	526,233	2,067	1,607
97	93	462	138,427	271,665	1,963	1,502
98	94	242	71,747	133,237	1,857	1,397
99	95	119	34,866	61,491	1,764	1,303
100	96	55	15,856	26,624	1,679	1,219

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5	0	99 579	93 582,266	4 392 615,374	46,939	46,478
6	1	99 270	92 139,898	4 299 033,108	46,658	46,197
7	2	99 236	90 971,534	4 206 893,210	46,244	45,784
8	3	99 215	89 829,529	4 115 921,675	45,819	45,359
9	4	99 197	88 703,787	4 026 092,146	45,388	44,928
10	5	99 179	87 593,286	3 937 388,360	44,951	44,490
11	6	99 163	86 497,327	3 849 795,073	44,508	44,047
12	7	99 146	85 415,290	3 763 297,746	44,059	43,598
13	8	99 135	84 351,054	3 677 882,456	43,602	43,142
14	9	99 118	83 295,890	3 593 531,401	43,142	42,681
15	10	99 099	82 251,354	3 510 235,511	42,677	42,217
16	11	99 077	81 218,167	3 427 984,157	42,207	41,747
17	12	99 045	80 189,421	3 346 765,990	41,736	41,275
18	13	99 010	79 171,451	3 266 576,569	41,260	40,799
19	14	98 963	78 156,699	3 187 405,119	40,782	40,322
20	15	98 914	77 153,990	3 109 248,420	40,299	39,839
21	16	98 860	76 159,298	3 032 094,430	39,813	39,352
22	17	98 805	75 177,505	2 955 935,132	39,319	38,859
23	18	98 747	74 205,598	2 880 757,627	38,821	38,361
24	19	98 687	73 245,032	2 806 552,028	38,317	37,857
25	20	98 623	72 293,782	2 733 306,997	37,808	37,348
26	21	98 561	71 356,803	2 661 013,215	37,292	36,831
27	22	98 500	70 431,900	2 589 656,412	36,768	36,308
28	23	98 438	69 518,924	2 519 224,512	36,238	35,778
29	24	98 373	68 615,025	2 449 705,587	35,702	35,242
30	25	98 304	67 720,387	2 381 090,562	35,161	34,700
31	26	98 230	66 834,069	2 313 370,175	34,614	34,153
32	27	98 151	65 955,889	2 246 536,106	34,061	33,601
33	28	98 068	65 086,310	2 180 580,217	33,503	33,043
34	29	97 973	64 220,604	2 115 493,907	32,941	32,481
35	30	97 872	63 362,547	2 051 273,303	32,374	31,913
36	31	97 763	62 510,258	1 987 910,756	31,801	31,341
37	32	97 648	61 666,095	1 925 400,499	31,223	30,763
38	33	97 519	60 824,261	1 863 734,404	30,641	30,181
39	34	97 380	59 987,582	1 802 910,143	30,055	29,594
40	35	97 232	59 156,968	1 742 922,561	29,463	29,002
41	36	97 071	58 330,268	1 683 765,593	28,866	28,406
42	37	96 897	57 506,922	1 625 435,325	28,265	27,805
43	38	96 712	56 688,209	1 567 928,403	27,659	27,198
44	39	96 505	55 868,424	1 511 240,194	27,050	26,590
45	40	96 273	55 046,368	1 455 371,770	26,439	25,979
46	41	96 019	54 223,089	1 400 325,401	25,825	25,365
47	42	95 739	53 397,409	1 346 102,312	25,209	24,749
48	43	95 436	52 571,540	1 292 704,903	24,589	24,129
49	44	95 096	51 737,604	1 240 133,362	23,970	23,509
50	45	94 722	50 897,593	1 188 395,758	23,349	22,888
51	46	94 298	50 044,392	1 137 498,165	22,730	22,269
52	47	93 834	49 183,629	1 087 453,773	22,110	21,650
53	48	93 318	48 308,994	1 038 270,144	21,492	21,032
54	49	92 731	47 412,763	989 961,150	20,880	20,419
55	50	92 077	46 497,050	942 548,388	20,271	19,811
56	51	91 363	45 566,888	896 051,337	19,665	19,204
57	52	90 567	44 612,078	850 484,449	19,064	18,604
58	53	89 693	43 636,200	805 872,371	18,468	18,008
59	54	88 733	42 636,202	762 236,171	17,878	17,417
60	55	87 686	41 612,932	719 599,969	17,293	16,832
61	56	86 542	40 563,062	677 987,037	16,714	16,254
62	57	85 299	39 487,002	637 423,974	16,143	15,682
63	58	83 950	38 382,594	597 936,972	15,578	15,118
64	59	82 500	37 254,009	559 554,378	15,020	14,560
65	60	80 942	36 098,979	522 300,369	14,469	14,008
66	61	79 273	34 918,294	486 201,390	13,924	13,464
67	62	77 513	33 721,676	451 283,095	13,383	12,922
68	63	75 651	32 505,355	417 561,420	12,846	12,386
69	64	73 700	31 275,784	385 056,064	12,312	11,851
70	65	71 606	30 011,952	353 780,280	11,788	11,328
71	66	69 451	28 749,362	323 768,328	11,262	10,801
72	67	67 146	27 452,145	295 018,966	10,747	10,286
73	68	64 768	26 152,937	267 566,821	10,231	9,770
74	69	62 247	24 824,986	241 413,884	9,725	9,264
75	70	59 616	23 481,848	216 588,898	9,224	8,763
76	71	56 885	22 129,828	193 107,050	8,726	8,266
77	72	54 020	20 755,805	170 977,222	8,238	7,777
78	73	51 054	19 374,002	150 221,417	7,754	7,293
79	74	47 933	17 964,930	130 847,415	7,283	6,823
80	75	44 702	16 547,071	112 882,485	6,822	6,362
81	76	41 368	15 124,119	96 335,414	6,370	5,909
82	77	37 864	13 672,117	81 211,295	5,940	5,480
83	78	34 278	12 224,251	67 539,178	5,525	5,065
84	79	30 621	10 785,399	55 314,927	5,129	4,668
85	80	26 931	9 368,456	44 529,528	4,753	4,293
86	81	23 232	7 982,155	35 161,072	4,405	3,945
87	82	19 623	6 658,822	27 178,917	4,082	3,621
88	83	16 190	5 425,971	20 520,095	3,782	3,321
89	84	13 001	4 303,361	15 094,124	3,508	3,047
90	85	10 147	3 317,237	10 790,764	3,253	2,793
91	86	7 672	2 477,308	7 473,526	3,017	2,556
92	87	5 609	1 788,793	4 996,218	2,793	2,333
93	88	3 911	1 231,754	3 207,425	2,604	2,144
94	89	2 621	815,303	1 975,671	2,423	1,963
95	90	1 665	511,679	1 160,368	2,268	1,807
96	91	1 008	305,837	648,688	2,121	1,661
97	92	568	170,373	342,851	2,012	1,552
98	93	306	90,701	172,478	1,902	1,441
99	94	155	45,291	81,777	1,806	1,345
100	95	73	21,219	36,487	1,720	1,259

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	92 417,645	4 309 130,411	46,627	46,166
7	1	99 261	90 994,095	4 216 712,767	46,341	45,880
8	2	99 228	89 840,690	4 125 718,671	45,923	45,462
9	3	99 207	88 712,936	4 035 877,982	45,494	45,033
10	4	99 189	87 601,669	3 947 165,046	45,058	44,598
11	5	99 171	86 505,033	3 859 563,378	44,617	44,156
12	6	99 155	85 422,847	3 773 058,345	44,169	43,709
13	7	99 139	84 354,973	3 687 635,498	43,716	43,255
14	8	99 125	83 301,695	3 603 280,524	43,256	42,795
15	9	99 105	82 256,385	3 519 978,829	42,793	42,332
16	10	99 083	81 222,918	3 437 722,444	42,325	41,864
17	11	99 053	80 195,622	3 356 499,526	41,854	41,394
18	12	99 018	79 177,668	3 276 303,904	41,379	40,919
19	13	98 972	78 164,063	3 197 126,236	40,903	40,442
20	14	98 923	77 161,105	3 118 962,172	40,421	39,961
21	15	98 872	76 168,565	3 041 801,068	39,935	39,475
22	16	98 819	75 188,577	2 965 632,503	39,443	38,982
23	17	98 760	74 215,704	2 890 443,926	38,947	38,486
24	18	98 706	73 259,465	2 816 228,222	38,442	37,981
25	19	98 640	72 306,420	2 742 968,757	37,935	37,475
26	20	98 579	71 369,998	2 670 662,337	37,420	36,960
27	21	98 516	70 443,516	2 599 292,339	36,899	36,439
28	22	98 454	69 530,245	2 528 848,823	36,370	35,910
29	23	98 391	68 627,376	2 459 318,578	35,836	35,375
30	24	98 322	67 732,575	2 390 691,203	35,296	34,836
31	25	98 249	66 846,785	2 322 958,628	34,750	34,290
32	26	98 169	65 968,304	2 256 111,843	34,200	33,740
33	27	98 089	65 100,319	2 190 143,539	33,643	33,182
34	28	97 996	64 235,741	2 125 043,221	33,082	32,622
35	29	97 897	63 378,947	2 060 807,480	32,516	32,055
36	30	97 794	62 530,088	1 997 428,533	31,943	31,483
37	31	97 679	61 685,464	1 934 898,445	31,367	30,907
38	32	97 552	60 845,108	1 873 212,981	30,787	30,326
39	33	97 415	60 009,205	1 812 367,873	30,201	29,741
40	34	97 271	59 180,995	1 752 358,668	29,610	29,150
41	35	97 111	58 354,318	1 693 177,673	29,015	28,555
42	36	96 942	57 533,301	1 634 823,355	28,415	27,955
43	37	96 758	56 715,130	1 577 290,054	27,811	27,350
44	38	96 563	55 902,147	1 520 574,924	27,201	26,740
45	39	96 331	55 079,479	1 464 672,777	26,592	26,132
46	40	96 085	54 260,295	1 409 593,298	25,978	25,518
47	41	95 809	53 436,967	1 355 333,002	25,363	24,903
48	42	95 512	52 613,303	1 301 896,036	24,745	24,284
49	43	95 183	51 784,628	1 249 282,733	24,125	23,664
50	44	94 814	50 947,041	1 197 498,105	23,505	23,044
51	45	94 407	50 102,122	1 146 551,064	22,884	22,424
52	46	93 949	49 243,584	1 096 448,943	22,266	21,805
53	47	93 446	48 375,282	1 047 205,359	21,648	21,187
54	48	92 879	47 488,462	998 830,076	21,033	20,573
55	49	92 238	46 578,473	951 341,615	20,424	19,964
56	50	91 533	45 651,490	904 763,142	19,819	19,359
57	51	90 761	44 707,874	859 111,652	19,216	18,756
58	52	89 903	43 738,240	814 403,779	18,620	18,160
59	53	88 961	42 745,959	770 665,539	18,029	17,569
60	54	87 940	41 733,488	727 919,579	17,442	16,982
61	55	86 824	40 695,136	686 186,092	16,862	16,401
62	56	85 606	39 628,753	645 490,955	16,288	15,828
63	57	84 281	38 533,806	605 862,203	15,723	15,262
64	58	82 861	37 416,750	567 328,397	15,162	14,702
65	59	81 324	36 269,677	529 911,647	14,610	14,150
66	60	79 693	35 103,499	493 641,970	14,062	13,602
67	61	77 957	33 914,510	458 538,471	13,520	13,060
68	62	76 118	32 705,988	424 623,961	12,983	12,523
69	63	74 200	31 488,295	391 917,973	12,446	11,986
70	64	72 145	30 237,910	360 429,677	11,920	11,459
71	65	70 009	28 980,348	330 191,767	11,394	10,933
72	66	67 739	27 694,810	301 211,419	10,876	10,416
73	67	65 388	26 403,299	273 516,609	10,359	9,899
74	68	62 906	25 087,544	247 113,310	9,850	9,390
75	69	60 312	23 756,343	222 025,766	9,346	8,886
76	70	57 611	22 412,195	198 269,423	8,846	8,386
77	71	54 771	21 044,148	175 857,229	8,357	7,896
78	72	51 822	19 665,316	154 813,081	7,872	7,412
79	73	48 733	18 264,767	135 147,765	7,399	6,939
80	74	45 514	16 847,688	116 882,998	6,938	6,477
81	75	42 179	15 420,680	100 035,311	6,487	6,027
82	76	38 699	13 973,468	84 614,631	6,055	5,595
83	77	35 113	12 522,237	70 641,163	5,641	5,181
84	78	31 485	11 089,791	58 118,926	5,241	4,780
85	79	27 804	9 672,306	47 029,135	4,862	4,402
86	80	24 111	8 284,210	37 356,829	4,509	4,049
87	81	20 498	6 955,647	29 072,619	4,180	3,719
88	82	17 031	5 707,817	22 116,972	3,875	3,414
89	83	13 782	4 562,083	16 409,156	3,597	3,136
90	84	10 854	3 548,466	11 847,073	3,339	2,878
91	85	8 305	2 681,431	8 298,606	3,095	2,634
92	86	6 145	1 959,634	5 617,175	2,866	2,406
93	87	4 345	1 368,533	3 657,541	2,673	2,212
94	88	2 959	920,417	2 289,008	2,487	2,027
95	89	1 913	587,812	1 368,592	2,328	1,868
96	90	1 182	358,743	780,780	2,176	1,716
97	91	683	204,685	422,037	2,062	1,601
98	92	377	111,632	217,352	1,947	1,487
99	93	196	57,255	105,720	1,846	1,386
100	94	95	27,563	48,464	1,758	1,298

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 560	91 268,388	4 226 017,389	46,303	45,843
8	1	99 252	89 862,970	4 134 749,001	46,012	45,551
9	2	99 219	88 723,957	4 044 886,030	45,590	45,129
10	3	99 199	87 610,704	3 956 162,073	45,156	44,696
11	4	99 181	86 513,311	3 868 551,369	44,716	44,256
12	5	99 164	85 430,457	3 782 038,058	44,270	43,810
13	6	99 148	84 362,436	3 696 607,601	43,818	43,358
14	7	99 130	83 305,565	3 612 245,165	43,361	42,901
15	8	99 112	82 262,118	3 528 939,600	42,899	42,438
16	9	99 089	81 227,887	3 446 677,482	42,432	41,972
17	10	99 058	80 200,314	3 365 449,595	41,963	41,503
18	11	99 025	79 183,791	3 285 249,282	41,489	41,029
19	12	98 980	78 170,201	3 206 065,491	41,014	40,554
20	13	98 933	77 168,375	3 127 895,289	40,533	40,073
21	14	98 881	76 175,589	3 050 726,914	40,049	39,588
22	15	98 832	75 197,726	2 974 551,325	39,556	39,096
23	16	98 775	74 226,633	2 899 353,600	39,061	38,600
24	17	98 720	73 269,442	2 825 126,966	38,558	38,098
25	18	98 659	72 320,669	2 751 857,525	38,051	37,590
26	19	98 597	71 382,475	2 679 536,856	37,538	37,077
27	20	98 534	70 456,542	2 608 154,381	37,018	36,558
28	21	98 471	69 541,712	2 537 697,839	36,492	36,031
29	22	98 407	68 638,551	2 468 156,127	35,959	35,498
30	23	98 339	67 744,767	2 399 517,577	35,420	34,960
31	24	98 266	66 858,815	2 331 772,810	34,876	34,416
32	25	98 188	65 980,855	2 264 913,995	34,327	33,866
33	26	98 107	65 112,572	2 198 933,140	33,771	33,311
34	27	98 017	64 249,566	2 133 820,568	33,211	32,751
35	28	97 920	63 393,885	2 069 571,001	32,646	32,186
36	29	97 819	62 546,273	2 006 177,116	32,075	31,615
37	30	97 709	61 705,032	1 943 630,843	31,499	31,038
38	31	97 583	60 864,220	1 881 925,811	30,920	30,460
39	32	97 448	60 029,773	1 821 061,591	30,336	29,876
40	33	97 306	59 202,328	1 761 031,818	29,746	29,286
41	34	97 151	58 378,019	1 701 829,490	29,152	28,691
42	35	96 982	57 557,022	1 643 451,472	28,553	28,093
43	36	96 802	56 741,145	1 585 894,449	27,950	27,489
44	37	96 609	55 928,694	1 529 153,304	27,341	26,881
45	38	96 389	55 112,726	1 473 224,609	26,731	26,271
46	39	96 142	54 292,933	1 418 111,884	26,120	25,659
47	40	95 875	53 473,633	1 363 818,950	25,505	25,044
48	41	95 583	52 652,279	1 310 345,317	24,887	24,426
49	42	95 258	51 825,765	1 257 693,038	24,268	23,807
50	43	94 900	50 993,346	1 205 867,273	23,648	23,187
51	44	94 498	50 150,797	1 154 873,927	23,028	22,568
52	45	94 057	49 300,390	1 104 723,130	22,408	21,948
53	46	93 560	48 434,252	1 055 422,740	21,791	21,330
54	47	93 007	47 553,624	1 006 988,488	21,176	20,715
55	48	92 386	46 652,840	959 434,864	20,565	20,105
56	49	91 693	45 731,431	912 782,024	19,960	19,499
57	50	90 930	44 790,880	867 050,593	19,358	18,897
58	51	90 096	43 832,159	822 259,712	18,759	18,299
59	52	89 169	42 845,917	778 427,553	18,168	17,708
60	53	88 166	41 840,921	735 581,636	17,580	17,120
61	54	87 075	40 813,033	693 740,715	16,998	16,538
62	55	85 884	39 757,784	652 927,682	16,423	15,962
63	56	84 583	38 672,134	613 169,897	15,856	15,395
64	57	83 187	37 564,157	574 497,763	15,294	14,833
65	58	81 680	36 428,118	536 933,606	14,740	14,279
66	59	80 070	35 269,490	500 505,488	14,191	13,731
67	60	78 370	34 094,390	465 235,998	13,646	13,185
68	61	76 554	32 893,014	431 141,608	13,107	12,647
69	62	74 658	31 682,651	398 248,594	12,570	12,110
70	63	72 635	30 443,369	366 565,943	12,041	11,581
71	64	70 536	29 198,539	336 122,574	11,512	11,051
72	65	68 284	27 917,323	306 924,035	10,994	10,534
73	66	65 966	26 636,693	279 006,711	10,475	10,014
74	67	63 508	25 327,707	252 370,019	9,964	9,504
75	68	60 950	24 007,598	227 042,312	9,457	8,997
76	69	58 285	22 674,186	203 034,713	8,954	8,494
77	70	55 470	21 312,661	180 360,527	8,463	8,002
78	71	52 542	19 938,509	159 047,866	7,977	7,517
79	72	49 466	18 539,402	139 109,357	7,503	7,043
80	73	46 273	17 128,878	120 569,955	7,039	6,579
81	74	42 946	15 700,833	103 441,077	6,588	6,128
82	75	39 458	14 247,466	87 740,245	6,158	5,698
83	76	35 887	12 798,243	73 492,778	5,742	5,282
84	77	32 253	11 360,123	60 694,536	5,343	4,882
85	78	28 589	9 945,284	49 334,413	4,961	4,500
86	79	24 893	8 552,894	39 389,129	4,605	4,145
87	80	21 273	7 218,857	30 836,234	4,272	3,811
88	81	17 790	5 962,249	23 617,377	3,961	3,501
89	82	14 498	4 799,055	17 655,128	3,679	3,218
90	83	11 507	3 761,804	12 856,073	3,418	2,957
91	84	8 883	2 868,341	9 094,269	3,171	2,710
92	85	6 651	2 121,102	6 225,928	2,935	2,475
93	86	4 760	1 499,236	4 104,826	2,738	2,278
94	87	3 287	1 022,623	2 605,590	2,548	2,088
95	88	2 160	663,596	1 582,966	2,385	1,925
96	89	1 358	412,120	919,371	2,231	1,770
97	90	801	240,093	507,250	2,113	1,652
98	91	453	134,115	267,158	1,992	1,532
99	92	241	70,468	133,043	1,888	1,428
100	93	121	34,845	62,575	1,796	1,335

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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7						
8	0	99 552	90 133,854	4 143 316,841	45,968	45,508
9	1	99 244	88 745,961	4 053 182,987	45,672	45,211
10	2	99 211	87 621,589	3 964 437,026	45,245	44,785
11	3	99 191	86 522,234	3 876 815,438	44,807	44,347
12	4	99 173	85 438,632	3 790 293,204	44,363	43,902
13	5	99 157	84 369,952	3 704 854,572	43,912	43,452
14	6	99 139	83 312,935	3 620 484,620	43,456	42,996
15	7	99 116	82 265,940	3 537 171,685	42,997	42,536
16	8	99 096	81 233,548	3 454 905,745	42,531	42,070
17	9	99 065	80 205,220	3 373 672,198	42,063	41,603
18	10	99 031	79 188,423	3 293 466,978	41,590	41,130
19	11	98 988	78 176,247	3 214 278,555	41,116	40,655
20	12	98 940	77 174,435	3 136 102,308	40,637	40,176
21	13	98 890	76 182,766	3 058 927,873	40,152	39,692
22	14	98 841	75 204,660	2 982 745,107	39,662	39,201
23	15	98 787	74 235,666	2 907 540,447	39,166	38,706
24	16	98 734	73 280,232	2 833 304,781	38,664	38,204
25	17	98 673	72 330,517	2 760 024,549	38,159	37,698
26	18	98 616	71 396,541	2 687 694,032	37,645	37,184
27	19	98 551	70 468,859	2 616 297,491	37,127	36,667
28	20	98 489	69 554,571	2 545 828,632	36,602	36,141
29	21	98 423	68 649,871	2 476 274,060	36,071	35,611
30	22	98 355	67 755,798	2 407 624,190	35,534	35,073
31	23	98 284	66 870,850	2 339 868,392	34,991	34,530
32	24	98 206	65 992,729	2 272 997,542	34,443	33,983
33	25	98 126	65 124,961	2 207 004,813	33,889	33,428
34	26	98 035	64 261,660	2 141 879,852	33,331	32,870
35	27	97 942	63 407,530	2 077 618,192	32,766	32,306
36	28	97 842	62 561,015	2 014 210,662	32,196	31,736
37	29	97 735	61 721,004	1 951 649,648	31,621	31,160
38	30	97 614	60 883,528	1 889 928,644	31,042	30,581
39	31	97 479	60 048,628	1 829 045,116	30,459	29,999
40	32	97 339	59 222,619	1 768 996,488	29,870	29,410
41	33	97 186	58 399,062	1 709 773,869	29,277	28,817
42	34	97 021	57 580,400	1 651 374,807	28,679	28,219
43	35	96 842	56 764,540	1 593 794,407	28,077	27,617
44	36	96 653	55 954,349	1 537 029,867	27,469	27,009
45	37	96 435	55 138,898	1 481 075,518	26,861	26,400
46	38	96 200	54 325,705	1 425 936,620	26,248	25,788
47	39	95 933	53 505,798	1 371 610,914	25,635	25,174
48	40	95 648	52 688,407	1 318 105,116	25,017	24,557
49	41	95 329	51 864,158	1 265 416,709	24,399	23,938
50	42	94 975	51 033,855	1 213 552,551	23,779	23,319
51	43	94 584	50 196,379	1 162 518,696	23,159	22,699
52	44	94 149	49 348,286	1 112 322,317	22,540	22,080
53	45	93 668	48 490,124	1 062 974,031	21,921	21,461
54	46	93 120	47 611,592	1 014 483,908	21,307	20,847
55	47	92 512	46 716,856	966 872,316	20,696	20,236
56	48	91 839	45 804,446	920 155,460	20,089	19,628
57	49	91 089	44 869,315	874 351,014	19,487	19,026
58	50	90 263	43 913,540	829 481,699	18,889	18,429
59	51	89 361	42 937,920	785 568,159	18,295	17,835
60	52	88 373	41 938,763	742 630,239	17,707	17,247
61	53	87 300	40 918,097	700 691,475	17,124	16,664
62	54	86 133	39 872,965	659 773,378	16,547	16,086
63	55	84 859	38 798,052	619 900,413	15,978	15,517
64	56	83 486	37 699,004	581 102,362	15,414	14,954
65	57	82 001	36 571,630	543 403,357	14,859	14,398
66	58	80 420	35 423,562	506 831,727	14,308	13,847
67	59	78 741	34 255,609	471 408,165	13,761	13,301
68	60	76 960	33 067,477	437 152,556	13,220	12,760
69	61	75 085	31 863,824	404 085,079	12,682	12,221
70	62	73 083	30 631,275	372 221,255	12,152	11,691
71	63	71 015	29 396,936	341 589,980	11,620	11,160
72	64	68 798	28 127,511	312 193,043	11,099	10,639
73	65	66 496	26 850,705	284 065,533	10,579	10,119
74	66	64 069	25 551,593	257 214,828	10,066	9,606
75	67	61 534	24 237,423	231 663,235	9,558	9,098
76	68	58 901	22 913,996	207 425,812	9,052	8,592
77	69	56 118	21 561,799	184 511,816	8,557	8,097
78	70	53 212	20 192,915	162 950,017	8,070	7,609
79	71	50 153	18 796,954	142 757,101	7,595	7,134
80	72	46 969	17 386,434	123 960,148	7,130	6,669
81	73	43 663	15 962,882	106 573,714	6,676	6,216
82	74	40 174	14 506,305	90 610,832	6,246	5,786
83	75	36 591	13 049,197	76 104,527	5,832	5,372
84	76	32 964	11 610,514	63 055,331	5,431	4,970
85	77	29 286	10 187,716	51 444,817	5,050	4,589
86	78	25 596	8 794,280	41 257,100	4,691	4,231
87	79	21 963	7 452,989	32 462,820	4,356	3,895
88	80	18 463	6 187,868	25 009,832	4,042	3,581
89	81	15 144	5 012,978	18 821,964	3,755	3,294
90	82	12 104	3 957,206	13 808,985	3,490	3,029
91	83	9 417	3 040,789	9 851,779	3,240	2,779
92	84	7 115	2 268,954	6 810,990	3,002	2,541
93	85	5 152	1 622,769	4 542,036	2,799	2,339
94	86	3 601	1 120,290	2 919,267	2,606	2,145
95	87	2 400	737,284	1 798,977	2,440	1,980
96	88	1 533	465,253	1 061,693	2,282	1,822
97	89	920	275,816	596,440	2,162	1,702
98	90	531	157,315	320,624	2,038	1,578
99	91	290	84,660	163,309	1,929	1,469
100	92	149	42,886	78,649	1,834	1,373

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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9	0	99 543	89 013,477	4 061 068,506	45,623	45,163
10	1	99 236	87 643,319	3 972 055,029	45,321	44,860
11	2	99 204	86 532,983	3 884 411,710	44,889	44,429
12	3	99 184	85 447,444	3 797 878,726	44,447	43,987
13	4	99 166	84 378,025	3 712 431,282	43,998	43,537
14	5	99 147	83 320,357	3 628 053,257	43,543	43,083
15	6	99 125	82 273,217	3 544 732,899	43,085	42,625
16	7	99 101	81 237,322	3 462 459,682	42,622	42,161
17	8	99 071	80 210,809	3 381 222,360	42,154	41,694
18	9	99 037	79 193,268	3 301 011,551	41,683	41,223
19	10	98 993	78 180,820	3 221 818,283	41,210	40,749
20	11	98 948	77 180,403	3 143 637,464	40,731	40,271
21	12	98 898	76 188,749	3 066 457,060	40,248	39,788
22	13	98 850	75 211,746	2 990 268,311	39,758	39,298
23	14	98 796	74 242,511	2 915 056,565	39,264	38,804
24	15	98 746	73 289,149	2 840 814,054	38,762	38,301
25	16	98 687	72 341,169	2 767 524,906	38,257	37,796
26	17	98 630	71 406,264	2 695 183,736	37,744	37,284
27	18	98 571	70 482,746	2 623 777,472	37,226	36,765
28	19	98 506	69 566,731	2 553 294,726	36,703	36,242
29	20	98 441	68 662,565	2 483 727,996	36,173	35,713
30	21	98 371	67 766,972	2 415 065,431	35,638	35,177
31	22	98 300	66 881,738	2 347 298,458	35,096	34,636
32	23	98 223	66 004,608	2 280 416,720	34,549	34,089
33	24	98 144	65 136,681	2 214 412,112	33,996	33,536
34	25	98 054	64 273,887	2 149 275,431	33,439	32,979
35	26	97 960	63 419,465	2 085 001,544	32,876	32,416
36	27	97 863	62 574,480	2 021 582,079	32,307	31,846
37	28	97 758	61 735,551	1 959 007,599	31,732	31,272
38	29	97 639	60 899,286	1 897 272,048	31,154	30,694
39	30	97 510	60 067,678	1 836 372,762	30,572	30,111
40	31	97 370	59 241,221	1 776 305,084	29,984	29,524
41	32	97 219	58 419,078	1 717 063,863	29,392	28,932
42	33	97 056	57 601,155	1 658 644,785	28,795	28,335
43	34	96 881	56 787,595	1 601 043,630	28,194	27,733
44	35	96 693	55 977,419	1 544 256,035	27,587	27,127
45	36	96 479	55 164,191	1 488 278,615	26,979	26,519
46	37	96 246	54 351,504	1 433 114,424	26,368	25,907
47	38	95 991	53 538,095	1 378 762,920	25,753	25,293
48	39	95 706	52 720,100	1 325 224,825	25,137	24,677
49	40	95 394	51 899,746	1 272 504,726	24,519	24,058
50	41	95 046	51 071,661	1 220 604,980	23,900	23,439
51	42	94 659	50 236,254	1 169 533,319	23,281	22,820
52	43	94 234	49 393,138	1 119 297,065	22,661	22,201
53	44	93 759	48 537,233	1 069 903,927	22,043	21,583
54	45	93 228	47 666,515	1 021 366,694	21,427	20,967
55	46	92 625	46 773,804	973 700,178	20,817	20,357
56	47	91 966	45 867,298	926 926,375	20,209	19,748
57	48	91 235	44 940,953	881 059,077	19,605	19,144
58	49	90 421	43 990,438	836 118,123	19,007	18,546
59	50	89 527	43 017,641	792 127,685	18,414	17,954
60	51	88 562	42 028,818	749 110,045	17,824	17,363
61	52	87 504	41 013,781	707 081,227	17,240	16,780
62	53	86 355	39 975,610	666 067,446	16,662	16,201
63	54	85 105	38 910,452	626 091,836	16,091	15,630
64	55	83 757	37 821,753	587 181,384	15,525	15,065
65	56	82 296	36 702,915	549 359,631	14,968	14,507
66	57	80 737	35 563,116	512 656,716	14,415	13,955
67	58	79 085	34 405,252	477 093,600	13,867	13,406
68	59	77 324	33 223,840	442 688,348	13,324	12,864
69	60	75 484	32 032,828	409 464,508	12,783	12,322
70	61	73 501	30 806,437	377 431,680	12,252	11,791
71	62	71 453	29 578,383	346 625,243	11,719	11,258
72	63	69 265	28 318,630	317 046,860	11,196	10,735
73	64	66 996	27 052,862	288 728,230	10,673	10,212
74	65	64 584	25 756,887	261 675,368	10,159	9,699
75	66	62 078	24 451,671	235 918,481	9,648	9,188
76	67	59 465	23 133,352	211 466,810	9,141	8,681
77	68	56 712	21 789,845	188 333,458	8,643	8,183
78	69	53 834	20 428,964	166 543,614	8,152	7,692
79	70	50 793	19 036,794	146 114,650	7,675	7,215
80	71	47 622	17 627,968	127 077,856	7,209	6,748
81	72	44 319	16 202,905	109 449,888	6,755	6,295
82	73	40 845	14 748,417	93 246,983	6,323	5,862
83	74	37 256	13 286,266	78 498,565	5,908	5,448
84	75	33 610	11 838,179	65 212,299	5,509	5,048
85	76	29 931	10 412,267	53 374,121	5,126	4,666
86	77	26 220	9 008,654	42 961,854	4,769	4,309
87	78	22 583	7 663,332	33 953,200	4,431	3,970
88	79	19 062	6 388,561	26 289,868	4,115	3,655
89	80	15 718	5 202,676	19 901,307	3,825	3,365
90	81	12 644	4 133,603	14 698,631	3,556	3,095
91	82	9 907	3 198,739	10 565,028	3,303	2,842
92	83	7 543	2 405,366	7 366,289	3,062	2,602
93	84	5 511	1 735,885	4 960,923	2,858	2,397
94	85	3 898	1 212,599	3 225,038	2,660	2,199
95	86	2 629	807,699	2 012,439	2,492	2,031
96	87	1 704	516,917	1 204,740	2,331	1,870
97	88	1 039	311,375	687,823	2,209	1,749
98	89	611	180,721	376,448	2,083	1,623
99	90	340	99,306	195,727	1,971	1,511
100	91	178	51,524	96,421	1,871	1,411

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10	0	99 535	87 907,511	3 979 310,528	45,267	44,807
11	1	99 228	86 554,444	3 891 403,017	44,959	44,499
12	2	99 196	85 458,060	3 804 848,574	44,523	44,063
13	3	99 177	84 386,728	3 719 390,513	44,076	43,615
14	4	99 157	83 328,331	3 635 003,785	43,623	43,162
15	5	99 134	82 280,547	3 551 675,454	43,165	42,705
16	6	99 109	81 244,508	3 469 394,907	42,703	42,243
17	7	99 076	80 214,536	3 388 150,399	42,239	41,778
18	8	99 044	79 198,786	3 307 935,863	41,768	41,307
19	9	98 999	78 185,602	3 228 737,077	41,296	40,835
20	10	98 954	77 184,918	3 150 551,474	40,818	40,358
21	11	98 905	76 194,641	3 073 366,556	40,336	39,875
22	12	98 858	75 217,652	2 997 171,915	39,847	39,386
23	13	98 805	74 249,506	2 921 954,263	39,353	38,893
24	14	98 755	73 295,907	2 847 704,756	38,852	38,392
25	15	98 699	72 349,972	2 774 408,849	38,347	37,887
26	16	98 644	71 416,780	2 702 058,877	37,835	37,375
27	17	98 584	70 492,344	2 630 642,097	37,318	36,858
28	18	98 525	69 580,439	2 560 149,753	36,794	36,334
29	19	98 458	68 674,569	2 490 569,314	36,266	35,806
30	20	98 390	67 779,503	2 421 894,745	35,732	35,272
31	21	98 316	66 892,769	2 354 115,242	35,192	34,732
32	22	98 239	66 015,356	2 287 222,473	34,647	34,186
33	23	98 161	65 148,406	2 221 207,117	34,095	33,634
34	24	98 072	64 285,454	2 156 058,712	33,539	33,078
35	25	97 979	63 431,531	2 091 773,258	32,977	32,516
36	26	97 881	62 586,258	2 028 341,726	32,409	31,948
37	27	97 779	61 748,839	1 965 755,468	31,835	31,374
38	28	97 662	60 913,640	1 904 006,630	31,257	30,797
39	29	97 535	60 083,225	1 843 092,989	30,676	30,215
40	30	97 401	59 260,014	1 783 009,764	30,088	29,628
41	31	97 250	58 437,427	1 723 749,750	29,497	29,037
42	32	97 089	57 620,898	1 665 312,323	28,901	28,441
43	33	96 916	56 808,065	1 607 691,425	28,300	27,840
44	34	96 732	56 000,155	1 550 883,360	27,694	27,234
45	35	96 519	55 186,935	1 494 883,205	27,088	26,627
46	36	96 290	54 376,435	1 439 696,269	26,476	26,016
47	37	96 036	53 563,520	1 385 319,834	25,863	25,403
48	38	95 763	52 751,922	1 331 756,314	25,246	24,785
49	39	95 452	51 930,964	1 279 004,392	24,629	24,169
50	40	95 111	51 106,705	1 227 073,428	24,010	23,550
51	41	94 730	50 273,470	1 175 966,723	23,391	22,931
52	42	94 309	49 432,376	1 125 693,254	22,772	22,312
53	43	93 844	48 581,348	1 076 260,878	22,154	21,693
54	44	93 318	47 712,824	1 027 679,530	21,539	21,078
55	45	92 732	46 827,760	979 966,706	20,927	20,467
56	46	92 078	45 923,210	933 138,946	20,320	19,859
57	47	91 360	45 002,620	887 215,736	19,715	19,254
58	48	90 566	44 060,673	842 213,115	19,115	18,654
59	49	89 684	43 092,970	798 152,442	18,522	18,061
60	50	88 727	42 106,851	755 059,472	17,932	17,472
61	51	87 692	41 101,849	712 952,621	17,346	16,886
62	52	86 557	40 069,089	671 850,772	16,767	16,307
63	53	85 324	39 010,619	631 781,682	16,195	15,735
64	54	84 000	37 931,325	592 771,064	15,627	15,167
65	55	82 564	36 822,420	554 839,739	15,068	14,608
66	56	81 027	35 690,780	518 017,319	14,514	14,054
67	57	79 396	34 540,795	482 326,538	13,964	13,504
68	58	77 661	33 368,976	447 785,743	13,419	12,959
69	59	75 841	32 184,299	414 416,768	12,876	12,416
70	60	73 891	30 969,832	382 232,469	12,342	11,882
71	61	71 862	29 747,524	351 262,636	11,808	11,348
72	62	69 693	28 493,422	321 515,112	11,284	10,823
73	63	67 451	27 236,679	293 021,691	10,758	10,298
74	64	65 070	25 950,809	265 785,012	10,242	9,781
75	65	62 577	24 648,128	239 834,203	9,730	9,270
76	66	59 991	23 337,840	215 186,075	9,220	8,760
77	67	57 254	21 998,439	191 848,235	8,721	8,261
78	68	54 404	20 645,028	169 849,796	8,227	7,767
79	69	51 386	19 259,328	149 204,768	7,747	7,287
80	70	48 229	17 852,893	129 945,440	7,279	6,818
81	71	44 935	16 427,998	112 092,547	6,823	6,363
82	72	41 459	14 970,179	95 664,550	6,390	5,930
83	73	37 877	13 508,016	80 694,370	5,974	5,513
84	74	34 221	12 053,247	67 186,355	5,574	5,114
85	75	30 518	10 616,435	55 133,108	5,193	4,733
86	76	26 798	9 207,217	44 516,673	4,835	4,375
87	77	23 134	7 850,138	35 309,456	4,498	4,038
88	78	19 600	6 568,864	27 459,318	4,180	3,720
89	79	16 227	5 371,416	20 890,455	3,889	3,429
90	80	13 122	4 290,024	15 519,039	3,617	3,157
91	81	10 348	3 341,326	11 229,015	3,361	2,900
92	82	7 934	2 530,310	7 887,689	3,117	2,657
93	83	5 843	1 840,248	5 357,379	2,911	2,451
94	84	4 170	1 297,123	3 517,130	2,711	2,251
95	85	2 846	874,251	2 220,007	2,539	2,079
96	86	1 866	566,285	1 345,756	2,376	1,916
97	87	1 154	345,952	779,471	2,253	1,793
98	88	689	204,021	433,519	2,125	1,664
99	89	390	114,081	229,498	2,012	1,551
100	90	209	60,436	115,417	1,910	1,449

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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11	0	99 527	86 815,354	3 898 078,139	44,901	44,440
12	1	99 220	85 479,254	3 811 262,786	44,587	44,127
13	2	99 189	84 397,212	3 725 783,532	44,146	43,685
14	3	99 167	83 336,925	3 641 386,319	43,695	43,234
15	4	99 143	82 288,421	3 558 049,394	43,239	42,778
16	5	99 118	81 251,746	3 475 760,973	42,778	42,317
17	6	99 085	80 221,632	3 394 509,227	42,314	41,854
18	7	99 049	79 202,466	3 314 287,595	41,846	41,385
19	8	99 006	78 191,051	3 235 085,129	41,374	40,914
20	9	98 960	77 189,640	3 156 894,078	40,898	40,438
21	10	98 911	76 199,098	3 079 704,438	40,417	39,956
22	11	98 865	75 223,469	3 003 505,340	39,928	39,467
23	12	98 813	74 255,337	2 928 281,870	39,435	38,975
24	13	98 765	73 302,813	2 854 026,533	38,935	38,474
25	14	98 708	72 356,644	2 780 723,720	38,431	37,970
26	15	98 656	71 425,470	2 708 367,076	37,919	37,458
27	16	98 599	70 502,725	2 636 941,606	37,402	36,942
28	17	98 539	69 589,915	2 566 438,881	36,879	36,419
29	18	98 478	68 688,101	2 496 848,966	36,351	35,890
30	19	98 407	67 791,353	2 428 160,865	35,818	35,358
31	20	98 334	66 905,138	2 360 369,512	35,279	34,819
32	21	98 256	66 026,243	2 293 464,374	34,736	34,275
33	22	98 177	65 159,014	2 227 438,130	34,185	33,724
34	23	98 089	64 297,025	2 162 279,116	33,630	33,169
35	24	97 996	63 442,947	2 097 982,091	33,069	32,608
36	25	97 900	62 598,166	2 034 539,144	32,502	32,041
37	26	97 797	61 760,462	1 971 940,978	31,929	31,468
38	27	97 683	60 926,751	1 910 180,516	31,352	30,892
39	28	97 558	60 097,387	1 849 253,766	30,771	30,311
40	29	97 426	59 275,352	1 789 156,379	30,184	29,723
41	30	97 280	58 455,966	1 729 881,026	29,593	29,133
42	31	97 120	57 638,997	1 671 425,061	28,998	28,538
43	32	96 949	56 827,536	1 613 786,064	28,398	27,938
44	33	96 767	56 020,341	1 556 958,528	27,793	27,332
45	34	96 558	55 209,350	1 500 938,188	27,186	26,726
46	35	96 330	54 398,855	1 445 728,837	26,576	26,116
47	36	96 080	53 588,090	1 391 329,983	25,963	25,503
48	37	95 809	52 776,974	1 337 741,893	25,347	24,887
49	38	95 509	51 962,310	1 284 964,919	24,729	24,268
50	39	95 168	51 137,446	1 233 002,609	24,112	23,651
51	40	94 795	50 307,966	1 181 865,163	23,493	23,032
52	41	94 379	49 468,995	1 131 557,198	22,874	22,414
53	42	93 918	48 619,940	1 082 088,202	22,256	21,796
54	43	93 403	47 756,190	1 033 468,262	21,641	21,180
55	44	92 822	46 873,255	985 712,072	21,029	20,569
56	45	92 184	45 976,186	938 838,817	20,420	19,960
57	46	91 471	45 057,478	892 862,632	19,816	19,356
58	47	90 690	44 121,132	847 805,153	19,215	18,755
59	48	89 827	43 161,772	803 684,021	18,620	18,160
60	49	88 882	42 180,585	760 522,249	18,030	17,570
61	50	87 854	41 178,161	718 341,664	17,445	16,984
62	51	86 743	40 155,130	677 163,503	16,864	16,403
63	52	85 523	39 101,842	637 008,373	16,291	15,831
64	53	84 216	38 028,971	597 906,531	15,722	15,262
65	54	82 803	36 929,097	559 877,560	15,161	14,700
66	55	81 291	35 806,990	522 948,463	14,605	14,144
67	56	79 681	34 664,789	487 141,473	14,053	13,593
68	57	77 967	33 500,436	452 476,683	13,507	13,046
69	58	76 172	32 324,893	418 976,248	12,961	12,501
70	59	74 240	31 116,277	386 651,354	12,426	11,966
71	60	72 243	29 905,303	355 535,078	11,889	11,428
72	61	70 091	28 656,358	325 629,774	11,363	10,903
73	62	67 868	27 404,792	296 973,416	10,837	10,376
74	63	65 513	26 127,138	269 568,624	10,318	9,857
75	64	63 048	24 833,702	243 441,486	9,803	9,342
76	65	60 473	23 525,348	218 607,784	9,292	8,832
77	66	57 761	22 192,895	195 082,436	8,790	8,330
78	67	54 924	20 842,662	172 889,541	8,295	7,835
79	68	51 930	19 463,022	152 046,878	7,812	7,352
80	69	48 793	18 061,587	132 583,857	7,341	6,880
81	70	45 508	16 637,612	114 522,269	6,883	6,423
82	71	42 035	15 178,147	97 884,658	6,449	5,989
83	72	38 447	13 711,127	82 706,511	6,032	5,572
84	73	34 792	12 254,417	68 995,384	5,630	5,170
85	74	31 072	10 809,308	56 740,967	5,249	4,789
86	75	27 323	9 387,756	45 931,660	4,893	4,432
87	76	23 644	8 023,165	36 543,903	4,555	4,094
88	77	20 078	6 728,990	28 520,739	4,238	3,778
89	78	16 685	5 523,012	21 791,749	3,946	3,485
90	79	13 548	4 429,164	16 268,737	3,673	3,213
91	80	10 740	3 467,766	11 839,573	3,414	2,954
92	81	8 288	2 643,101	8 371,807	3,167	2,707
93	82	6 146	1 935,838	5 728,706	2,959	2,499
94	83	4 420	1 375,108	3 792,868	2,758	2,298
95	84	3 044	935,191	2 417,760	2,585	2,125
96	85	2 020	612,946	1 482,569	2,419	1,958
97	86	1 265	378,992	869,623	2,295	1,834
98	87	766	226,676	490,631	2,164	1,704
99	88	441	128,789	263,955	2,050	1,589
100	89	240	69,429	135,166	1,947	1,486

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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12	0	99 520	85 736,923	3 817 404,140	44,525	44,064
13	1	99 214	84 418,143	3 731 667,217	44,205	43,744
14	2	99 179	83 347,279	3 647 249,074	43,760	43,299
15	3	99 154	82 296,908	3 563 901,795	43,305	42,845
16	4	99 128	81 259,522	3 481 604,887	42,846	42,385
17	5	99 094	80 228,779	3 400 345,366	42,383	41,923
18	6	99 058	79 209,473	3 320 116,587	41,916	41,455
19	7	99 011	78 194,684	3 240 907,114	41,447	40,986
20	8	98 967	77 195,019	3 162 712,430	40,970	40,510
21	9	98 917	76 203,760	3 085 517,411	40,490	40,030
22	10	98 871	75 227,870	3 009 313,651	40,003	39,542
23	11	98 820	74 261,080	2 934 085,781	39,510	39,050
24	12	98 772	73 308,570	2 859 824,702	39,011	38,550
25	13	98 718	72 363,461	2 786 516,132	38,507	38,047
26	14	98 665	71 432,057	2 714 152,671	37,996	37,536
27	15	98 611	70 511,304	2 642 720,614	37,479	37,019
28	16	98 553	69 600,163	2 572 209,310	36,957	36,497
29	17	98 491	68 697,455	2 502 609,147	36,429	35,969
30	18	98 426	67 804,711	2 433 911,691	35,896	35,436
31	19	98 352	66 916,835	2 366 106,980	35,359	34,899
32	20	98 274	66 038,453	2 299 190,145	34,816	34,356
33	21	98 193	65 169,760	2 233 151,693	34,267	33,806
34	22	98 105	64 307,495	2 167 981,932	33,713	33,252
35	23	98 014	63 454,366	2 103 674,437	33,153	32,692
36	24	97 918	62 609,432	2 040 220,071	32,586	32,126
37	25	97 816	61 772,212	1 977 610,639	32,015	31,554
38	26	97 701	60 938,219	1 915 838,427	31,439	30,979
39	27	97 579	60 110,322	1 854 900,208	30,858	30,398
40	28	97 449	59 289,324	1 794 789,886	30,272	29,811
41	29	97 306	58 471,096	1 735 500,563	29,681	29,221
42	30	97 151	57 657,281	1 677 029,467	29,086	28,626
43	31	96 980	56 845,385	1 619 372,185	28,487	28,027
44	32	96 800	56 039,542	1 562 526,800	27,883	27,422
45	33	96 593	55 229,251	1 506 487,258	27,277	26,817
46	34	96 369	54 420,950	1 451 258,007	26,667	26,207
47	35	96 120	53 610,184	1 396 837,058	26,055	25,595
48	36	95 853	52 801,183	1 343 226,874	25,439	24,979
49	37	95 555	51 986,987	1 290 425,691	24,822	24,362
50	38	95 225	51 168,313	1 238 438,704	24,203	23,743
51	39	94 852	50 338,226	1 187 270,391	23,586	23,125
52	40	94 444	49 502,939	1 136 932,165	22,967	22,507
53	41	93 988	48 655,959	1 087 429,226	22,349	21,889
54	42	93 477	47 794,127	1 038 773,267	21,734	21,274
55	43	92 907	46 915,857	990 979,140	21,122	20,662
56	44	92 273	46 020,852	944 063,283	20,514	20,053
57	45	91 577	45 109,455	898 042,431	19,908	19,448
58	46	90 800	44 174,916	852 932,975	19,308	18,848
59	47	89 950	43 220,998	808 758,060	18,712	18,252
60	48	89 024	42 247,931	765 537,061	18,120	17,660
61	49	88 008	41 250,269	723 289,131	17,534	17,074
62	50	86 904	40 229,683	682 038,862	16,954	16,493
63	51	85 707	39 185,805	641 809,178	16,379	15,918
64	52	84 413	38 117,899	602 623,373	15,809	15,349
65	53	83 016	37 024,163	564 505,474	15,247	14,787
66	54	81 526	35 910,725	527 481,311	14,689	14,228
67	55	79 941	34 777,658	491 570,586	14,135	13,674
68	56	78 247	33 620,696	456 792,927	13,587	13,126
69	57	76 472	32 452,240	423 172,232	13,040	12,579
70	58	74 565	31 252,205	390 719,991	12,502	12,042
71	59	72 585	30 046,714	359 467,786	11,964	11,503
72	60	70 463	28 808,350	329 421,072	11,435	10,975
73	61	68 256	27 561,504	300 612,722	10,907	10,447
74	62	65 917	26 288,403	273 051,219	10,387	9,926
75	63	63 476	25 002,441	246 762,816	9,870	9,409
76	64	60 928	23 702,469	221 760,375	9,356	8,896
77	65	58 225	22 371,204	198 057,907	8,853	8,393
78	66	55 410	21 026,903	175 686,703	8,355	7,895
79	67	52 427	19 649,341	154 659,800	7,871	7,411
80	68	49 309	18 252,613	135 010,459	7,397	6,936
81	69	46 040	16 832,100	116 757,846	6,937	6,476
82	70	42 571	15 371,813	99 925,747	6,501	6,040
83	71	38 981	13 901,603	84 553,933	6,082	5,622
84	72	35 315	12 438,679	70 652,330	5,680	5,220
85	73	31 591	10 989,717	58 213,651	5,297	4,837
86	74	27 820	9 558,307	47 223,935	4,941	4,480
87	75	24 107	8 180,487	37 665,628	4,604	4,144
88	76	20 520	6 877,305	29 485,141	4,287	3,827
89	77	17 092	5 657,644	22 607,836	3,996	3,536
90	78	13 930	4 554,167	16 950,192	3,722	3,262
91	79	11 088	3 580,238	12 396,026	3,462	3,002
92	80	8 602	2 743,120	8 815,788	3,214	2,753
93	81	6 420	2 022,130	6 072,668	3,003	2,543
94	82	4 650	1 446,536	4 050,539	2,800	2,340
95	83	3 227	991,416	2 604,002	2,627	2,166
96	84	2 161	655,671	1 612,587	2,459	1,999
97	85	1 369	410,220	956,915	2,333	1,872
98	86	839	248,325	546,695	2,202	1,741
99	87	489	143,090	298,370	2,085	1,625
100	88	271	78,380	155,280	1,981	1,521

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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12						
13	0	99 513	84 672,613	3 737 318,208	44,138	43,678
14	1	99 204	83 367,949	3 652 645,594	43,814	43,353
15	2	99 166	82 307,133	3 569 277,645	43,365	42,905
16	3	99 138	81 267,903	3 486 970,513	42,907	42,447
17	4	99 103	80 236,456	3 405 702,610	42,446	41,985
18	5	99 066	79 216,529	3 325 466,154	41,979	41,519
19	6	99 020	78 201,601	3 246 249,624	41,511	41,051
20	7	98 971	77 198,606	3 168 048,023	41,038	40,577
21	8	98 924	76 209,070	3 090 849,417	40,558	40,097
22	9	98 877	75 232,472	3 014 640,347	40,071	39,611
23	10	98 826	74 265,424	2 939 407,875	39,580	39,119
24	11	98 780	73 314,239	2 865 142,451	39,080	38,620
25	12	98 725	72 369,144	2 791 828,212	38,578	38,117
26	13	98 674	71 438,787	2 719 459,068	38,067	37,607
27	14	98 620	70 517,806	2 648 020,281	37,551	37,091
28	15	98 565	69 608,632	2 577 502,474	37,028	36,568
29	16	98 506	68 707,572	2 507 893,842	36,501	36,041
30	17	98 440	67 813,945	2 439 186,270	35,969	35,508
31	18	98 371	66 930,021	2 371 372,325	35,431	34,970
32	19	98 291	66 049,997	2 304 442,304	34,889	34,429
33	20	98 212	65 181,811	2 238 392,306	34,341	33,880
34	21	98 122	64 318,101	2 173 210,495	33,788	33,328
35	22	98 030	63 464,699	2 108 892,394	33,229	32,769
36	23	97 935	62 620,701	2 045 427,695	32,664	32,203
37	24	97 833	61 783,329	1 982 806,994	32,093	31,633
38	25	97 720	60 949,813	1 921 023,665	31,518	31,058
39	26	97 597	60 121,636	1 860 073,852	30,939	30,478
40	27	97 470	59 302,084	1 799 952,215	30,352	29,892
41	28	97 328	58 484,878	1 740 650,131	29,762	29,302
42	29	97 176	57 672,205	1 682 165,253	29,168	28,707
43	30	97 011	56 863,418	1 624 493,048	28,568	28,108
44	31	96 831	56 057,144	1 567 629,630	27,965	27,504
45	32	96 626	55 248,181	1 511 572,486	27,360	26,899
46	33	96 404	54 440,566	1 456 324,305	26,751	26,290
47	34	96 159	53 631,958	1 401 883,739	26,139	25,679
48	35	95 892	52 822,953	1 348 251,781	25,524	25,064
49	36	95 598	52 010,833	1 295 428,828	24,907	24,447
50	37	95 271	51 192,612	1 243 417,995	24,289	23,829
51	38	94 909	50 368,611	1 192 225,382	23,670	23,210
52	39	94 500	49 532,716	1 141 856,771	23,053	22,592
53	40	94 053	48 689,345	1 092 324,055	22,435	21,974
54	41	93 547	47 829,533	1 043 634,711	21,820	21,359
55	42	92 980	46 953,127	995 805,177	21,208	20,748
56	43	92 357	46 062,680	948 852,051	20,599	20,139
57	44	91 666	45 153,280	902 789,370	19,994	19,533
58	45	90 905	44 225,874	857 636,091	19,392	18,932
59	46	90 060	43 273,684	813 410,216	18,797	18,336
60	47	89 146	42 305,902	770 136,532	18,204	17,744
61	48	88 149	41 316,129	727 830,629	17,616	17,156
62	49	87 056	40 300,131	686 514,500	17,035	16,575
63	50	85 866	39 258,559	646 214,369	16,460	16,000
64	51	84 595	38 199,749	606 955,810	15,889	15,429
65	52	83 210	37 110,741	568 756,061	15,326	14,866
66	53	81 736	36 003,170	531 645,319	14,767	14,306
67	54	80 172	34 878,411	495 642,150	14,211	13,750
68	55	78 502	33 730,165	460 763,738	13,660	13,200
69	56	76 746	32 568,737	427 033,573	13,112	12,651
70	57	74 858	31 375,326	394 464,836	12,572	12,112
71	58	72 902	30 177,970	363 089,509	12,032	11,571
72	59	70 796	28 944,573	332 911,539	11,502	11,041
73	60	68 618	27 707,688	303 966,966	10,970	10,510
74	61	66 294	26 438,730	276 259,277	10,449	9,989
75	62	63 868	25 156,763	249 820,547	9,931	9,470
76	63	61 342	23 863,521	224 663,784	9,415	8,954
77	64	58 663	22 539,635	200 800,263	8,909	8,448
78	65	55 855	21 195,843	178 260,628	8,410	7,950
79	66	52 890	19 823,033	157 064,785	7,923	7,463
80	67	49 781	18 427,345	137 241,752	7,448	6,987
81	68	46 527	17 010,122	118 814,407	6,985	6,525
82	69	43 069	15 551,505	101 804,285	6,546	6,086
83	70	39 478	14 078,981	86 252,780	6,126	5,666
84	71	35 805	12 611,478	72 173,799	5,723	5,262
85	72	32 066	11 154,961	59 562,321	5,340	4,879
86	73	28 284	9 717,836	48 407,359	4,981	4,521
87	74	24 545	8 329,104	38 689,523	4,645	4,185
88	75	20 923	7 012,159	30 360,418	4,330	3,869
89	76	17 469	5 782,345	23 348,260	4,038	3,577
90	77	14 270	4 665,182	17 565,914	3,765	3,305
91	78	11 401	3 681,281	12 900,733	3,504	3,044
92	79	8 881	2 832,088	9 219,451	3,255	2,795
93	80	6 663	2 098,650	6 387,363	3,044	2,583
94	81	4 857	1 511,017	4 288,713	2,838	2,378
95	82	3 395	1 042,914	2 777,696	2,663	2,203
96	83	2 291	695,091	1 734,782	2,496	2,035
97	84	1 464	438,815	1 039,691	2,369	1,909
98	85	908	268,786	600,877	2,236	1,775
99	86	536	156,756	332,090	2,119	1,658
100	87	302	87,083	175,334	2,013	1,553

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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14	0	99 503	83 619,254	3 657 846,325	43,744	43,284
15	1	99 191	82 327,545	3 574 227,071	43,415	42,954
16	2	99 150	81 277,999	3 491 899,526	42,962	42,502
17	3	99 113	80 244,732	3 410 621,527	42,503	42,042
18	4	99 076	79 224,110	3 330 376,795	42,037	41,577
19	5	99 028	78 208,568	3 251 152,685	41,570	41,110
20	6	98 980	77 205,435	3 172 944,117	41,097	40,637
21	7	98 929	76 212,611	3 095 738,681	40,620	40,159
22	8	98 884	75 237,715	3 019 526,070	40,133	39,673
23	9	98 832	74 269,967	2 944 288,356	39,643	39,183
24	10	98 786	73 318,527	2 870 018,389	39,145	38,684
25	11	98 733	72 374,741	2 796 699,861	38,642	38,182
26	12	98 682	71 444,397	2 724 325,121	38,132	37,672
27	13	98 629	70 524,451	2 652 880,723	37,616	37,156
28	14	98 574	69 615,051	2 582 356,272	37,095	36,634
29	15	98 517	68 715,933	2 512 741,221	36,567	36,107
30	16	98 454	67 823,932	2 444 025,288	36,035	35,574
31	17	98 384	66 939,136	2 376 201,356	35,498	35,038
32	18	98 310	66 063,013	2 309 262,221	34,955	34,495
33	19	98 229	65 193,206	2 243 199,208	34,408	33,948
34	20	98 140	64 329,994	2 178 006,001	33,857	33,396
35	21	98 046	63 475,166	2 113 676,007	33,299	32,839
36	22	97 951	62 630,898	2 050 200,841	32,735	32,274
37	23	97 851	61 794,450	1 987 569,943	32,164	31,704
38	24	97 738	60 960,782	1 925 775,493	31,590	31,130
39	25	97 616	60 133,075	1 864 814,711	31,011	30,551
40	26	97 488	59 313,247	1 804 681,636	30,426	29,966
41	27	97 349	58 497,465	1 745 368,389	29,837	29,376
42	28	97 199	57 685,798	1 686 870,924	29,242	28,782
43	29	97 036	56 878,137	1 629 185,125	28,643	28,183
44	30	96 861	56 074,927	1 572 306,989	28,039	27,579
45	31	96 656	55 265,534	1 516 232,062	27,435	26,975
46	32	96 437	54 459,226	1 460 966,528	26,827	26,366
47	33	96 194	53 651,291	1 406 507,302	26,216	25,755
48	34	95 931	52 844,407	1 352 856,012	25,601	25,140
49	35	95 638	52 032,278	1 300 011,604	24,985	24,524
50	36	95 314	51 216,095	1 247 979,327	24,367	23,907
51	37	94 954	50 392,531	1 196 763,232	23,749	23,288
52	38	94 557	49 562,615	1 146 370,701	23,130	22,669
53	39	94 109	48 718,632	1 096 808,087	22,513	22,053
54	40	93 611	47 862,352	1 048 089,455	21,898	21,438
55	41	93 049	46 987,910	1 000 227,103	21,287	20,827
56	42	92 431	46 099,272	953 239,193	20,678	20,218
57	43	91 749	45 194,319	907 139,921	20,072	19,612
58	44	90 993	44 268,841	861 945,602	19,471	19,010
59	45	90 164	43 323,603	817 676,761	18,874	18,413
60	46	89 255	42 357,473	774 353,157	18,281	17,821
61	47	88 270	41 372,823	731 995,684	17,693	17,232
62	48	87 195	40 364,474	690 622,862	17,110	16,649
63	49	86 016	39 327,306	650 258,388	16,535	16,074
64	50	84 752	38 270,672	610 931,082	15,963	15,503
65	51	83 389	37 190,429	572 660,409	15,398	14,938
66	52	81 927	36 087,360	535 469,980	14,838	14,378
67	53	80 379	34 968,198	499 382,620	14,281	13,821
68	54	78 729	33 827,884	464 414,421	13,729	13,268
69	55	76 996	32 674,782	430 586,538	13,178	12,718
70	56	75 127	31 487,957	397 911,756	12,637	12,177
71	57	73 189	30 296,859	366 423,799	12,094	11,634
72	58	71 105	29 071,015	336 126,940	11,562	11,102
73	59	68 942	27 838,707	307 055,924	11,030	10,569
74	60	66 645	26 578,960	279 217,217	10,505	10,045
75	61	64 233	25 300,620	252 638,257	9,985	9,525
76	62	61 720	24 010,814	227 337,638	9,468	9,008
77	63	59 062	22 692,786	203 326,824	8,960	8,500
78	64	56 276	21 355,425	180 634,037	8,458	7,998
79	65	53 315	19 982,300	159 278,613	7,971	7,511
80	66	50 221	18 590,235	139 296,312	7,493	7,033
81	67	46 972	17 172,960	120 706,077	7,029	6,568
82	68	43 525	15 715,983	103 533,117	6,588	6,127
83	69	39 940	14 243,560	87 817,134	6,165	5,705
84	70	36 262	12 772,395	73 573,574	5,760	5,300
85	71	32 512	11 309,928	60 801,179	5,376	4,916
86	72	28 709	9 863,957	49 491,251	5,017	4,557
87	73	24 955	8 468,118	39 627,295	4,680	4,219
88	74	21 303	7 139,551	31 159,176	4,364	3,904
89	75	17 811	5 895,728	24 019,625	4,074	3,614
90	76	14 584	4 768,008	18 123,897	3,801	3,341
91	77	11 679	3 771,018	13 355,889	3,542	3,081
92	78	9 131	2 912,017	9 584,870	3,291	2,831
93	79	6 879	2 166,716	6 672,853	3,080	2,619
94	80	5 041	1 568,196	4 506,137	2,873	2,413
95	81	3 546	1 089,403	2 937,941	2,697	2,236
96	82	2 410	731,197	1 848,538	2,528	2,068
97	83	1 552	465,197	1 117,342	2,402	1,941
98	84	971	287,522	652,145	2,268	1,808
99	85	580	169,673	364,623	2,149	1,689
100	86	330	95,400	194,950	2,043	1,583

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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15	0	99 490	82 575,713	3 579 014,407	43,342	42,882
16	1	99 175	81 298,157	3 496 438,694	43,008	42,547
17	2	99 126	80 254,702	3 415 140,538	42,554	42,093
18	3	99 086	79 232,281	3 334 885,836	42,090	41,630
19	4	99 038	78 216,052	3 255 653,555	41,624	41,163
20	5	98 989	77 212,313	3 177 437,503	41,152	40,692
21	6	98 937	76 219,353	3 100 225,189	40,675	40,215
22	7	98 889	75 241,210	3 024 005,836	40,191	39,730
23	8	98 839	74 275,143	2 948 764,626	39,701	39,240
24	9	98 792	73 323,013	2 874 489,483	39,203	38,743
25	10	98 739	72 378,974	2 801 166,470	38,701	38,241
26	11	98 690	71 449,922	2 728 787,496	38,192	37,731
27	12	98 637	70 529,989	2 657 337,573	37,677	37,216
28	13	98 584	69 621,610	2 586 807,584	37,155	36,695
29	14	98 527	68 722,269	2 517 185,974	36,628	36,168
30	15	98 466	67 832,185	2 448 463,704	36,096	35,636
31	16	98 399	66 948,994	2 380 631,519	35,559	35,098
32	17	98 324	66 072,010	2 313 682,526	35,018	34,557
33	18	98 248	65 206,053	2 247 610,516	34,469	34,009
34	19	98 157	64 341,240	2 182 404,463	33,919	33,459
35	20	98 064	63 486,903	2 118 063,223	33,362	32,902
36	21	97 967	62 641,227	2 054 576,319	32,799	32,339
37	22	97 867	61 804,512	1 991 935,092	32,230	31,769
38	23	97 755	60 971,755	1 930 130,579	31,656	31,196
39	24	97 633	60 143,897	1 869 158,824	31,078	30,618
40	25	97 507	59 324,532	1 809 014,927	30,494	30,033
41	26	97 368	58 508,476	1 749 690,395	29,905	29,445
42	27	97 220	57 698,214	1 691 181,919	29,311	28,850
43	28	97 059	56 891,543	1 633 483,705	28,712	28,252
44	29	96 886	56 089,441	1 576 592,162	28,109	27,648
45	30	96 687	55 283,066	1 520 502,721	27,504	27,044
46	31	96 467	54 476,331	1 465 219,656	26,896	26,436
47	32	96 227	53 669,679	1 410 743,324	26,286	25,825
48	33	95 966	52 863,456	1 357 073,645	25,671	25,211
49	34	95 677	52 053,411	1 304 210,189	25,055	24,595
50	35	95 354	51 237,211	1 252 156,778	24,438	23,978
51	36	94 997	50 415,646	1 200 919,567	23,820	23,360
52	37	94 602	49 586,151	1 150 503,921	23,202	22,742
53	38	94 166	48 748,039	1 100 917,770	22,584	22,123
54	39	93 667	47 891,142	1 052 169,731	21,970	21,510
55	40	93 113	47 020,152	1 004 278,589	21,358	20,898
56	41	92 499	46 133,423	957 258,437	20,750	20,289
57	42	91 822	45 230,221	911 125,014	20,144	19,684
58	43	91 076	44 309,076	865 894,793	19,542	19,082
59	44	90 251	43 365,693	821 585,717	18,946	18,485
60	45	89 358	42 406,335	778 220,024	18,352	17,891
61	46	88 377	41 423,256	735 813,688	17,763	17,303
62	47	87 315	40 419,861	694 390,432	17,179	16,719
63	48	86 154	39 390,096	653 970,571	16,602	16,142
64	49	84 900	38 337,690	614 580,475	16,031	15,570
65	50	83 544	37 259,478	576 242,786	15,466	15,005
66	51	82 103	36 164,851	538 983,307	14,904	14,443
67	52	80 567	35 049,969	502 818,457	14,346	13,885
68	53	78 932	33 914,966	467 768,488	13,792	13,332
69	54	77 219	32 769,443	433 853,522	13,240	12,779
70	55	75 372	31 590,483	401 084,079	12,696	12,236
71	56	73 452	30 405,619	369 493,596	12,152	11,692
72	57	71 386	29 185,543	339 087,978	11,618	11,158
73	58	69 244	27 960,318	309 902,435	11,084	10,623
74	59	66 961	26 704,641	281 942,116	10,558	10,097
75	60	64 574	25 434,813	255 237,475	10,035	9,575
76	61	62 073	24 148,117	229 802,662	9,516	9,056
77	62	59 426	22 832,853	205 654,545	9,007	8,547
78	63	56 658	21 500,530	182 821,692	8,503	8,043
79	64	53 717	20 132,746	161 321,162	8,013	7,552
80	65	50 625	18 739,598	141 188,416	7,534	7,074
81	66	47 388	17 324,761	122 448,819	7,068	6,607
82	67	43 941	15 866,432	105 124,057	6,626	6,165
83	68	40 362	14 394,205	89 257,625	6,201	5,741
84	69	36 686	12 921,700	74 863,420	5,794	5,333
85	70	32 926	11 454,237	61 941,720	5,408	4,947
86	71	29 108	10 000,988	50 487,483	5,048	4,588
87	72	25 330	8 595,448	40 486,495	4,710	4,250
88	73	21 658	7 258,711	31 891,047	4,393	3,933
89	74	18 135	6 002,838	24 632,336	4,103	3,643
90	75	14 870	4 861,502	18 629,498	3,832	3,372
91	76	11 936	3 854,137	13 767,996	3,572	3,112
92	77	9 354	2 983,002	9 913,859	3,323	2,863
93	78	7 073	2 227,867	6 930,857	3,111	2,651
94	79	5 205	1 619,058	4 702,991	2,905	2,444
95	80	3 680	1 130,627	3 083,933	2,728	2,267
96	81	2 517	763,791	1 953,306	2,557	2,097
97	82	1 633	489,361	1 189,515	2,431	1,970
98	83	1 030	304,808	700,154	2,297	1,837
99	84	621	181,500	395,346	2,178	1,718
100	85	358	103,261	213,846	2,071	1,611

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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16	0	99 474	81 543,222	3 500 846,409	42,932	42,472
17	1	99 150	80 274,605	3 419 303,188	42,595	42,135
18	2	99 098	79 242,125	3 339 028,583	42,137	41,677
19	3	99 048	78 224,120	3 259 786,458	41,672	41,212
20	4	98 999	77 219,702	3 181 562,338	41,201	40,741
21	5	98 946	76 226,144	3 104 342,636	40,725	40,265
22	6	98 897	75 247,867	3 028 116,492	40,242	39,782
23	7	98 844	74 278,594	2 952 868,626	39,754	39,294
24	8	98 799	73 328,123	2 878 590,032	39,256	38,796
25	9	98 745	72 383,402	2 805 261,910	38,756	38,295
26	10	98 696	71 454,102	2 732 878,508	38,247	37,786
27	11	98 645	70 535,444	2 661 424,406	37,732	37,271
28	12	98 591	69 627,078	2 590 888,962	37,211	36,751
29	13	98 536	68 728,745	2 521 261,884	36,684	36,224
30	14	98 475	67 838,440	2 452 533,139	36,153	35,692
31	15	98 411	66 957,140	2 384 694,699	35,615	35,155
32	16	98 338	66 081,740	2 317 737,559	35,074	34,613
33	17	98 261	65 214,933	2 251 655,819	34,527	34,066
34	18	98 176	64 353,919	2 186 440,886	33,975	33,515
35	19	98 081	63 498,002	2 122 086,967	33,420	32,959
36	20	97 985	62 652,811	2 058 588,965	32,857	32,397
37	21	97 883	61 814,706	1 995 936,155	32,289	31,829
38	22	97 771	60 981,683	1 934 121,449	31,716	31,256
39	23	97 651	60 154,723	1 873 139,766	31,139	30,678
40	24	97 525	59 335,209	1 812 985,043	30,555	30,095
41	25	97 386	58 519,608	1 753 649,834	29,967	29,506
42	26	97 238	57 709,075	1 695 130,226	29,374	28,913
43	27	97 080	56 903,788	1 637 421,151	28,775	28,315
44	28	96 909	56 102,661	1 580 517,364	28,172	27,711
45	29	96 712	55 297,375	1 524 414,703	27,568	27,107
46	30	96 498	54 493,613	1 469 117,328	26,959	26,499
47	31	96 257	53 686,537	1 414 623,715	26,350	25,889
48	32	95 999	52 881,575	1 360 937,178	25,736	25,275
49	33	95 711	52 072,174	1 308 055,603	25,120	24,660
50	34	95 392	51 258,022	1 255 983,429	24,503	24,043
51	35	95 037	50 436,432	1 204 725,407	23,886	23,426
52	36	94 646	49 608,897	1 154 288,975	23,268	22,807
53	37	94 211	48 771,189	1 104 680,078	22,650	22,190
54	38	93 724	47 920,050	1 055 908,889	22,035	21,574
55	39	93 169	47 048,435	1 007 988,840	21,424	20,964
56	40	92 563	46 165,078	960 940,405	20,815	20,355
57	41	91 890	45 263,728	914 775,327	20,210	19,750
58	42	91 148	44 344,275	869 511,599	19,608	19,148
59	43	90 333	43 405,108	825 167,324	19,011	18,550
60	44	89 445	42 447,534	781 762,216	18,417	17,957
61	45	88 479	41 471,040	739 314,682	17,827	17,367
62	46	87 421	40 469,133	697 843,642	17,244	16,783
63	47	86 272	39 444,146	657 374,509	16,666	16,206
64	48	85 036	38 398,899	617 930,362	16,092	15,632
65	49	83 690	37 324,725	579 531,463	15,527	15,066
66	50	82 255	36 231,996	542 206,738	14,965	14,504
67	51	80 740	35 125,231	505 974,743	14,405	13,944
68	52	79 117	33 994,274	470 849,511	13,851	13,390
69	53	77 418	32 853,800	436 855,238	13,297	12,837
70	54	75 590	31 682,002	404 001,437	12,752	12,291
71	55	73 691	30 504,620	372 319,435	12,205	11,745
72	56	71 642	29 290,313	341 814,815	11,670	11,210
73	57	69 516	28 070,470	312 524,501	11,134	10,673
74	58	67 253	26 821,298	284 454,031	10,606	10,145
75	59	64 879	25 555,084	257 632,733	10,081	9,621
76	60	62 403	24 276,197	232 077,649	9,560	9,099
77	61	59 766	22 963,420	207 801,451	9,049	8,589
78	62	57 008	21 633,238	184 838,031	8,544	8,084
79	63	54 082	20 269,543	163 204,793	8,052	7,591
80	64	51 006	18 880,687	142 935,250	7,570	7,110
81	65	47 768	17 463,957	124 054,563	7,103	6,643
82	66	44 330	16 006,684	106 590,607	6,659	6,199
83	67	40 749	14 532,001	90 583,922	6,233	5,773
84	68	37 074	13 058,365	76 051,922	5,824	5,364
85	69	33 311	11 588,133	62 993,557	5,436	4,976
86	70	29 480	10 128,596	51 405,423	5,075	4,615
87	71	25 682	8 714,857	41 276,827	4,736	4,276
88	72	21 984	7 367,856	32 561,970	4,419	3,959
89	73	18 438	6 103,026	25 194,115	4,128	3,668
90	74	15 141	4 949,822	19 091,088	3,857	3,397
91	75	12 171	3 929,710	14 141,266	3,599	3,138
92	76	9 560	3 048,751	10 211,556	3,349	2,889
93	77	7 246	2 282,174	7 162,804	3,139	2,678
94	78	5 352	1 664,752	4 880,630	2,932	2,471
95	79	3 799	1 167,297	3 215,878	2,755	2,295
96	80	2 612	792,693	2 048,581	2,584	2,124
97	81	1 706	511,175	1 255,888	2,457	1,996
98	82	1 083	320,641	744,713	2,323	1,862
99	83	658	192,412	424,072	2,204	1,744
100	84	383	110,459	231,660	2,097	1,637

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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17	0	99 449	80 516,585	3 423 362,124	42,517	42,057
18	1	99 123	79 261,777	3 342 845,539	42,175	41,714
19	2	99 060	78 233,838	3 263 583,762	41,716	41,255
20	3	99 009	77 227,667	3 185 349,923	41,246	40,786
21	4	98 956	76 233,438	3 108 122,257	40,771	40,311
22	5	98 906	75 254,570	3 031 888,819	40,288	39,828
23	6	98 853	74 285,165	2 956 634,249	39,801	39,341
24	7	98 803	73 331,529	2 882 349,084	39,306	38,845
25	8	98 752	72 388,447	2 809 017,554	38,805	38,344
26	9	98 702	71 458,473	2 736 629,108	38,297	37,836
27	10	98 650	70 539,570	2 665 170,635	37,783	37,322
28	11	98 599	69 632,462	2 594 631,065	37,262	36,801
29	12	98 544	68 734,142	2 524 998,603	36,736	36,275
30	13	98 484	67 844,832	2 456 264,461	36,204	35,744
31	14	98 420	66 963,315	2 388 419,629	35,668	35,207
32	15	98 350	66 089,781	2 321 456,314	35,126	34,665
33	16	98 276	65 224,537	2 255 366,533	34,578	34,118
34	17	98 190	64 362,683	2 190 141,996	34,028	33,568
35	18	98 101	63 510,515	2 125 779,313	33,471	33,011
36	19	98 003	62 663,764	2 062 268,799	32,910	32,450
37	20	97 901	61 826,136	1 999 605,035	32,342	31,882
38	21	97 787	60 991,741	1 937 778,899	31,771	31,311
39	22	97 667	60 164,518	1 876 787,158	31,194	30,734
40	23	97 542	59 345,889	1 816 622,640	30,611	30,150
41	24	97 404	58 530,140	1 757 276,752	30,023	29,563
42	25	97 256	57 720,054	1 698 746,612	29,431	28,970
43	26	97 098	56 914,499	1 641 026,557	28,833	28,373
44	27	96 930	56 114,736	1 584 112,059	28,230	27,769
45	28	96 735	55 310,409	1 527 997,322	27,626	27,165
46	29	96 523	54 507,718	1 472 686,914	27,018	26,558
47	30	96 287	53 703,568	1 418 179,196	26,408	25,947
48	31	96 029	52 898,185	1 364 475,628	25,794	25,334
49	32	95 744	52 090,022	1 311 577,444	25,179	24,719
50	33	95 427	51 276,498	1 259 487,422	24,563	24,102
51	34	95 075	50 456,918	1 208 210,924	23,945	23,485
52	35	94 685	49 629,351	1 157 754,006	23,328	22,868
53	36	94 254	48 793,561	1 108 124,655	22,710	22,250
54	37	93 768	47 942,806	1 059 331,095	22,096	21,635
55	38	93 225	47 076,834	1 011 388,288	21,484	21,023
56	39	92 618	46 192,847	964 311,455	20,876	20,415
57	40	91 953	45 294,787	918 118,608	20,270	19,809
58	41	91 216	44 377,126	872 823,821	19,668	19,208
59	42	90 405	43 439,588	828 446,696	19,071	18,611
60	43	89 526	42 486,114	785 007,107	18,477	18,016
61	44	88 565	41 511,330	742 520,993	17,887	17,427
62	45	87 522	40 515,817	701 009,663	17,302	16,842
63	46	86 377	39 492,229	660 493,846	16,725	16,264
64	47	85 152	38 451,590	621 001,617	16,150	15,690
65	48	83 824	37 384,317	582 550,028	15,583	15,122
66	49	82 399	36 295,443	545 165,711	15,020	14,560
67	50	80 889	35 190,446	508 870,268	14,460	14,000
68	51	79 287	34 067,269	473 679,821	13,904	13,444
69	52	77 599	32 930,627	439 612,552	13,350	12,889
70	53	75 785	31 763,561	406 681,925	12,803	12,343
71	54	73 904	30 592,994	374 918,364	12,255	11,795
72	55	71 875	29 385,683	344 325,371	11,717	11,257
73	56	69 766	28 171,238	314 939,688	11,179	10,719
74	57	67 518	26 926,963	286 768,450	10,650	10,189
75	58	65 163	25 666,719	259 841,486	10,124	9,663
76	59	62 698	24 390,990	234 174,767	9,601	9,140
77	60	60 083	23 085,217	209 783,777	9,087	8,627
78	61	57 334	21 756,945	186 698,560	8,581	8,121
79	62	54 416	20 394,653	164 941,615	8,087	7,627
80	63	51 352	19 008,977	144 546,963	7,604	7,144
81	64	48 128	17 595,442	125 537,986	7,135	6,674
82	65	44 686	16 135,290	107 942,544	6,690	6,229
83	66	41 109	14 660,457	91 807,254	6,262	5,802
84	67	37 429	13 183,372	77 146,797	5,852	5,391
85	68	33 664	11 710,694	63 963,425	5,462	5,002
86	69	29 824	10 246,996	52 252,731	5,099	4,639
87	70	26 010	8 826,054	42 005,735	4,759	4,299
88	71	22 289	7 470,211	33 179,680	4,442	3,981
89	72	18 715	6 194,793	25 709,470	4,150	3,690
90	73	15 393	5 032,435	19 514,676	3,878	3,417
91	74	12 392	4 001,103	14 482,241	3,620	3,159
92	75	9 748	3 108,533	10 481,138	3,372	2,911
93	76	7 406	2 332,476	7 372,605	3,161	2,700
94	77	5 482	1 705,333	5 040,129	2,956	2,495
95	78	3 907	1 200,241	3 334,796	2,778	2,318
96	79	2 697	818,403	2 134,555	2,608	2,148
97	80	1 770	530,518	1 316,152	2,481	2,020
98	81	1 132	334,934	785,634	2,346	1,885
99	82	692	202,406	450,700	2,227	1,766
100	83	406	117,100	248,293	2,120	1,660

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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18	0	99 422	79 500,704	3 346 583,884	42,095	41,635
19	1	99 085	78 253,240	3 267 083,180	41,750	41,290
20	2	99 021	77 237,261	3 188 829,939	41,286	40,826
21	3	98 966	76 241,301	3 111 592,678	40,812	40,352
22	4	98 916	75 261,772	3 035 351,377	40,331	39,870
23	5	98 861	74 291,783	2 960 089,606	39,844	39,384
24	6	98 812	73 338,017	2 885 797,823	39,349	38,889
25	7	98 756	72 391,810	2 812 459,806	38,851	38,390
26	8	98 709	71 463,453	2 740 067,997	38,342	37,882
27	9	98 656	70 543,885	2 668 604,543	37,829	37,369
28	10	98 605	69 636,536	2 598 060,658	37,309	36,848
29	11	98 551	68 739,457	2 528 424,123	36,783	36,322
30	12	98 492	67 850,160	2 459 684,665	36,252	35,791
31	13	98 429	66 969,624	2 391 834,505	35,715	35,255
32	14	98 359	66 095,875	2 324 864,881	35,174	34,714
33	15	98 288	65 232,474	2 258 769,006	34,626	34,166
34	16	98 204	64 372,162	2 193 536,532	34,076	33,615
35	17	98 114	63 519,164	2 129 164,371	33,520	33,060
36	18	98 022	62 676,112	2 065 645,207	32,957	32,497
37	19	97 918	61 836,944	2 002 969,095	32,391	31,931
38	20	97 805	61 003,019	1 941 132,151	31,820	31,360
39	21	97 683	60 174,441	1 880 129,132	31,245	30,784
40	22	97 558	59 355,552	1 819 954,691	30,662	30,202
41	23	97 421	58 540,675	1 760 599,139	30,075	29,614
42	24	97 274	57 730,442	1 702 058,464	29,483	29,022
43	25	97 116	56 925,327	1 644 328,021	28,886	28,425
44	26	96 948	56 125,299	1 587 402,694	28,283	27,823
45	27	96 756	55 322,313	1 531 277,396	27,679	27,219
46	28	96 545	54 520,565	1 475 955,083	27,072	26,611
47	29	96 312	53 717,468	1 421 434,518	26,461	26,001
48	30	96 059	52 914,966	1 367 717,049	25,847	25,387
49	31	95 774	52 106,383	1 314 802,084	25,233	24,773
50	32	95 459	51 294,073	1 262 695,701	24,617	24,156
51	33	95 109	50 475,105	1 211 401,627	24,000	23,540
52	34	94 723	49 649,508	1 160 926,522	23,382	22,922
53	35	94 293	48 813,678	1 111 277,014	22,766	22,305
54	36	93 811	47 964,798	1 062 463,336	22,151	21,691
55	37	93 270	47 099,190	1 014 498,537	21,540	21,079
56	38	92 674	46 220,729	967 399,347	20,930	20,470
57	39	92 008	45 322,032	921 178,618	20,325	19,865
58	40	91 279	44 407,576	875 856,586	19,723	19,263
59	41	90 472	43 471,769	831 449,011	19,126	18,666
60	42	89 597	42 519,865	787 977,242	18,532	18,072
61	43	88 646	41 549,060	745 457,377	17,942	17,481
62	44	87 607	40 555,179	703 908,317	17,357	16,896
63	45	86 477	39 537,785	663 353,139	16,778	16,317
64	46	85 256	38 498,462	623 815,353	16,204	15,743
65	47	83 939	37 435,615	585 316,891	15,635	15,175
66	48	82 531	36 353,392	547 881,276	15,071	14,611
67	49	81 031	35 252,070	511 527,884	14,511	14,050
68	50	79 434	34 130,520	476 275,814	13,955	13,494
69	51	77 766	33 001,338	442 145,294	13,398	12,937
70	52	75 962	31 837,838	409 143,956	12,851	12,390
71	53	74 094	30 671,749	377 306,118	12,301	11,841
72	54	72 083	29 470,815	346 634,370	11,762	11,302
73	55	69 993	28 262,964	317 163,554	11,222	10,761
74	56	67 760	27 023,626	288 900,590	10,691	10,230
75	57	65 419	25 767,836	261 876,965	10,163	9,703
76	58	62 972	24 497,540	236 109,129	9,638	9,178
77	59	60 367	23 194,378	211 611,589	9,123	8,663
78	60	57 638	21 872,343	188 417,211	8,614	8,154
79	61	54 727	20 511,277	166 544,869	8,120	7,659
80	62	51 669	19 126,306	146 033,591	7,635	7,175
81	63	48 455	17 714,998	126 907,285	7,164	6,703
82	64	45 022	16 256,771	109 192,287	6,717	6,256
83	65	41 439	14 778,246	92 935,516	6,289	5,828
84	66	37 760	13 299,908	78 157,269	5,877	5,416
85	67	33 986	11 822,800	64 857,362	5,486	5,025
86	68	30 140	10 355,372	53 034,562	5,121	4,661
87	69	26 314	8 929,228	42 679,190	4,780	4,319
88	70	22 574	7 565,527	33 749,961	4,461	4,001
89	71	18 975	6 280,852	26 184,434	4,169	3,709
90	72	15 625	5 108,105	19 903,582	3,896	3,436
91	73	12 598	4 067,882	14 795,477	3,637	3,177
92	74	9 925	3 165,007	10 727,595	3,389	2,929
93	75	7 551	2 378,213	7 562,589	3,180	2,720
94	76	5 603	1 742,921	5 184,376	2,975	2,514
95	77	4 002	1 229,499	3 441,456	2,799	2,339
96	78	2 773	841,501	2 211,957	2,629	2,168
97	79	1 828	547,725	1 370,456	2,502	2,042
98	80	1 174	347,609	822,732	2,367	1,906
99	81	723	211,429	475,123	2,247	1,787
100	82	427	123,183	263,694	2,141	1,680

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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19	0	99 384	78 489,127	3 270 526,652	41,669	41,208
20	1	99 046	77 256,416	3 192 037,525	41,317	40,857
21	2	98 978	76 250,773	3 114 781,108	40,849	40,389
22	3	98 926	75 269,534	3 038 530,335	40,369	39,908
23	4	98 871	74 298,892	2 963 260,801	39,883	39,423
24	5	98 821	73 344,550	2 888 961,909	39,389	38,929
25	6	98 765	72 398,214	2 815 617,359	38,891	38,430
26	7	98 713	71 466,773	2 743 219,145	38,385	37,924
27	8	98 663	70 548,801	2 671 752,372	37,871	37,411
28	9	98 611	69 640,796	2 601 203,571	37,352	36,891
29	10	98 557	68 743,479	2 531 562,775	36,826	36,366
30	11	98 500	67 855,407	2 462 819,296	36,295	35,835
31	12	98 437	66 974,883	2 394 963,889	35,759	35,299
32	13	98 369	66 102,103	2 327 989,006	35,218	34,758
33	14	98 297	65 238,489	2 261 886,903	34,671	34,211
34	15	98 216	64 379,995	2 196 648,414	34,120	33,660
35	16	98 128	63 528,518	2 132 268,420	33,564	33,104
36	17	98 035	62 684,647	2 068 739,902	33,002	32,542
37	18	97 938	61 849,130	2 006 055,254	32,435	31,974
38	19	97 822	61 013,684	1 944 206,125	31,865	31,405
39	20	97 701	60 185,568	1 883 192,441	31,290	30,829
40	21	97 574	59 365,341	1 823 006,873	30,708	30,248
41	22	97 437	58 550,208	1 763 641,532	30,122	29,661
42	23	97 291	57 740,834	1 705 091,324	29,530	29,070
43	24	97 134	56 935,572	1 647 350,491	28,934	28,473
44	25	96 967	56 135,977	1 590 414,919	28,331	27,871
45	26	96 774	55 332,726	1 534 278,942	27,728	27,268
46	27	96 566	54 532,299	1 478 946,215	27,121	26,660
47	28	96 335	53 730,129	1 424 413,916	26,511	26,050
48	29	96 084	52 928,662	1 370 683,786	25,897	25,436
49	30	95 804	52 122,913	1 317 755,124	25,282	24,821
50	31	95 489	51 310,185	1 265 632,212	24,666	24,206
51	32	95 142	50 492,406	1 214 322,027	24,050	23,589
52	33	94 757	49 667,405	1 163 829,621	23,432	22,972
53	34	94 331	48 833,504	1 114 162,216	22,816	22,355
54	35	93 850	47 984,574	1 065 328,712	22,201	21,741
55	36	93 312	47 120,795	1 017 344,138	21,590	21,130
56	37	92 718	46 242,679	970 223,343	20,981	20,521
57	38	92 064	45 349,389	923 980,664	20,375	19,914
58	39	91 333	44 434,287	878 631,275	19,774	19,313
59	40	90 534	43 501,598	834 196,988	19,176	18,716
60	41	89 663	42 551,364	790 695,390	18,582	18,122
61	42	88 716	41 582,066	748 144,026	17,992	17,532
62	43	87 687	40 592,039	706 561,961	17,406	16,946
63	44	86 561	39 576,197	665 969,922	16,828	16,367
64	45	85 354	38 542,872	626 393,725	16,252	15,791
65	46	84 041	37 481,249	587 850,852	15,684	15,223
66	47	82 644	36 403,275	550 369,603	15,119	14,658
67	48	81 160	35 308,353	513 966,328	14,557	14,096
68	49	79 573	34 190,287	478 657,975	14,000	13,539
69	50	77 910	33 062,610	444 467,687	13,443	12,983
70	51	76 125	31 906,203	411 405,077	12,894	12,434
71	52	74 268	30 743,472	379 498,875	12,344	11,884
72	53	72 269	29 546,682	348 755,402	11,804	11,343
73	54	70 196	28 344,844	319 208,721	11,262	10,801
74	55	67 981	27 111,615	290 863,877	10,728	10,268
75	56	65 654	25 860,337	263 752,262	10,199	9,739
76	57	63 220	24 594,050	237 891,925	9,673	9,212
77	58	60 631	23 295,701	213 297,875	9,156	8,696
78	59	57 910	21 975,768	190 002,174	8,646	8,186
79	60	55 017	20 620,068	168 026,406	8,149	7,688
80	61	51 965	19 235,678	147 406,338	7,663	7,203
81	62	48 754	17 824,341	128 170,660	7,191	6,730
82	63	45 328	16 367,232	110 346,319	6,742	6,282
83	64	41 751	14 889,511	93 979,087	6,312	5,851
84	65	38 063	13 406,766	79 089,577	5,899	5,439
85	66	34 286	11 927,309	65 682,811	5,507	5,047
86	67	30 428	10 454,504	53 755,503	5,142	4,681
87	68	26 592	9 023,667	43 300,999	4,799	4,338
88	69	22 838	7 653,966	34 277,332	4,478	4,018
89	70	19 217	6 360,993	26 623,366	4,185	3,725
90	71	15 842	5 179,067	20 262,373	3,912	3,452
91	72	12 788	4 129,048	15 083,306	3,653	3,193
92	73	10 090	3 217,831	10 954,258	3,404	2,944
93	74	7 688	2 421,418	7 736,427	3,195	2,735
94	75	5 713	1 777,097	5 315,009	2,991	2,530
95	76	4 090	1 256,599	3 537,912	2,815	2,355
96	77	2 841	862,014	2 281,313	2,646	2,186
97	78	1 879	563,183	1 419,300	2,520	2,060
98	79	1 212	358,883	856,117	2,386	1,925
99	80	751	219,430	497,234	2,266	1,806
100	81	446	128,674	277,805	2,159	1,699

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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20	0	99 344	77 489,298	3 195 209,694	41,234	40,774
21	1	99 003	76 269,683	3 117 720,396	40,878	40,417
22	2	98 938	75 278,886	3 041 450,713	40,402	39,942
23	3	98 881	74 306,555	2 966 171,827	39,918	39,458
24	4	98 830	73 351,569	2 891 865,272	39,425	38,964
25	5	98 774	72 404,664	2 818 513,703	38,927	38,467
26	6	98 722	71 473,096	2 746 109,039	38,422	37,961
27	7	98 668	70 552,079	2 674 635,943	37,910	37,450
28	8	98 618	69 645,649	2 604 083,865	37,390	36,930
29	9	98 563	68 747,684	2 534 438,216	36,866	36,405
30	10	98 506	67 859,376	2 465 690,532	36,335	35,875
31	11	98 445	66 980,063	2 397 831,155	35,799	35,339
32	12	98 376	66 107,294	2 330 851,093	35,259	34,798
33	13	98 306	65 244,636	2 264 743,799	34,712	34,251
34	14	98 225	64 385,931	2 199 499,163	34,161	33,701
35	15	98 140	63 536,248	2 135 113,231	33,605	33,144
36	16	98 050	62 693,879	2 071 576,983	33,043	32,582
37	17	97 951	61 857,552	2 008 883,104	32,476	32,016
38	18	97 842	61 025,707	1 947 025,552	31,905	31,445
39	19	97 718	60 196,089	1 885 999,845	31,331	30,871
40	20	97 592	59 376,319	1 825 803,756	30,750	30,289
41	21	97 453	58 559,864	1 766 427,437	30,164	29,704
42	22	97 307	57 750,236	1 707 867,573	29,573	29,113
43	23	97 151	56 945,820	1 650 117,337	28,977	28,517
44	24	96 984	56 146,080	1 593 171,517	28,375	27,915
45	25	96 792	55 343,254	1 537 025,437	27,773	27,312
46	26	96 584	54 542,564	1 481 682,183	27,166	26,705
47	27	96 356	53 741,694	1 427 139,619	26,556	26,095
48	28	96 107	52 941,137	1 373 397,925	25,942	25,482
49	29	95 829	52 136,404	1 320 456,788	25,327	24,867
50	30	95 520	51 326,462	1 268 320,384	24,711	24,250
51	31	95 172	50 508,265	1 216 993,922	24,095	23,635
52	32	94 790	49 684,428	1 166 485,657	23,478	23,018
53	33	94 365	48 851,107	1 116 801,229	22,861	22,401
54	34	93 888	48 004,063	1 067 950,122	22,247	21,787
55	35	93 351	47 140,223	1 019 946,058	21,636	21,176
56	36	92 761	46 263,891	972 805,835	21,027	20,567
57	37	92 107	45 370,925	926 541,944	20,421	19,961
58	38	91 389	44 461,108	881 171,020	19,819	19,359
59	39	90 589	43 527,764	836 709,911	19,222	18,762
60	40	89 725	42 580,561	793 182,147	18,628	18,167
61	41	88 782	41 612,870	750 601,586	18,038	17,577
62	42	87 756	40 624,285	708 988,716	17,452	16,992
63	43	86 639	39 612,168	668 364,431	16,873	16,412
64	44	85 437	38 580,318	628 752,263	16,297	15,837
65	45	84 138	37 524,486	590 171,946	15,728	15,267
66	46	82 745	36 447,651	552 647,459	15,163	14,702
67	47	81 272	35 356,802	516 199,808	14,600	14,139
68	48	79 700	34 244,875	480 843,006	14,041	13,581
69	49	78 047	33 120,507	446 598,131	13,484	13,024
70	50	76 266	31 965,441	413 477,624	12,935	12,475
71	51	74 427	30 809,488	381 512,183	12,383	11,923
72	52	72 438	29 615,774	350 702,695	11,842	11,381
73	53	70 377	28 417,811	321 086,921	11,299	10,838
74	54	68 178	27 190,159	292 669,110	10,764	10,303
75	55	65 868	25 944,539	265 478,950	10,233	9,772
76	56	63 447	24 682,338	239 534,412	9,705	9,244
77	57	60 870	23 387,476	214 852,074	9,187	8,726
78	58	58 163	22 071,768	191 464,598	8,675	8,214
79	59	55 277	20 717,572	169 392,830	8,176	7,716
80	60	52 241	19 337,703	148 675,258	7,688	7,228
81	61	49 033	17 926,267	129 337,555	7,215	6,755
82	62	45 608	16 468,256	111 411,288	6,765	6,305
83	63	42 035	14 990,681	94 943,032	6,333	5,873
84	64	38 350	13 507,704	79 952,351	5,919	5,459
85	65	34 562	12 023,138	66 444,647	5,526	5,066
86	66	30 697	10 546,917	54 421,508	5,160	4,700
87	67	26 847	9 110,050	43 874,591	4,816	4,356
88	68	23 079	7 734,917	34 764,541	4,494	4,034
89	69	19 442	6 435,351	27 029,624	4,200	3,740
90	70	16 044	5 245,150	20 594,273	3,926	3,466
91	71	12 966	4 186,409	15 349,123	3,666	3,206
92	72	10 242	3 266,215	11 162,714	3,418	2,957
93	73	7 816	2 461,832	7 896,499	3,208	2,747
94	74	5 817	1 809,382	5 434,667	3,004	2,543
95	75	4 170	1 281,239	3 625,285	2,830	2,369
96	76	2 903	881,013	2 344,046	2,661	2,200
97	77	1 925	576,911	1 463,033	2,536	2,076
98	78	1 247	369,011	886,122	2,401	1,941
99	79	775	226,546	517,110	2,283	1,822
100	80	463	133,543	290,564	2,176	1,715

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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21	0	99 301	76 499,591	3 120 642,868	40,793	40,333
22	1	98 963	75 297,555	3 044 143,277	40,428	39,968
23	2	98 893	74 315,787	2 968 845,722	39,949	39,489
24	3	98 841	73 359,134	2 894 529,935	39,457	38,997
25	4	98 783	72 411,592	2 821 170,800	38,960	38,500
26	5	98 731	71 479,463	2 748 759,208	38,455	37,995
27	6	98 677	70 558,320	2 677 279,745	37,944	37,484
28	7	98 622	69 648,885	2 606 721,424	37,427	36,966
29	8	98 570	68 752,475	2 537 072,540	36,902	36,441
30	9	98 512	67 863,528	2 468 320,065	36,372	35,911
31	10	98 450	66 983,981	2 400 456,537	35,836	35,376
32	11	98 384	66 112,406	2 333 472,556	35,296	34,835
33	12	98 314	65 249,760	2 267 360,150	34,749	34,289
34	13	98 234	64 391,998	2 202 110,390	34,199	33,738
35	14	98 149	63 542,107	2 137 718,393	33,643	33,182
36	15	98 062	62 701,507	2 074 176,285	33,080	32,620
37	16	97 965	61 866,662	2 011 474,778	32,513	32,053
38	17	97 855	61 034,017	1 949 608,116	31,943	31,483
39	18	97 737	60 207,951	1 888 574,099	31,368	30,907
40	19	97 609	59 386,699	1 828 366,147	30,787	30,327
41	20	97 471	58 570,693	1 768 979,448	30,202	29,742
42	21	97 323	57 759,760	1 710 408,755	29,612	29,152
43	22	97 167	56 955,093	1 652 648,995	29,017	28,556
44	23	97 002	56 156,186	1 595 693,902	28,415	27,955
45	24	96 810	55 353,214	1 539 537,716	27,813	27,353
46	25	96 603	54 552,941	1 484 184,502	27,206	26,746
47	26	96 374	53 751,810	1 429 631,561	26,597	26,137
48	27	96 128	52 952,532	1 375 879,751	25,983	25,523
49	28	95 852	52 148,693	1 322 927,219	25,368	24,908
50	29	95 544	51 339,747	1 270 778,527	24,752	24,292
51	30	95 202	50 524,288	1 219 438,780	24,136	23,675
52	31	94 820	49 700,034	1 168 914,492	23,519	23,059
53	32	94 397	48 867,851	1 119 214,458	22,903	22,442
54	33	93 922	48 021,367	1 070 346,607	22,289	21,829
55	34	93 389	47 159,369	1 022 325,240	21,678	21,218
56	35	92 799	46 282,966	975 165,871	21,070	20,609
57	36	92 150	45 391,737	928 882,905	20,464	20,003
58	37	91 432	44 482,222	883 491,169	19,862	19,401
59	38	90 643	43 554,038	839 008,946	19,264	18,803
60	39	89 779	42 606,174	795 454,908	18,670	18,210
61	40	88 843	41 641,423	752 848,734	18,079	17,619
62	41	87 821	40 654,380	711 207,311	17,494	17,034
63	42	86 708	39 643,635	670 552,931	16,915	16,454
64	43	85 515	38 615,383	630 909,296	16,338	15,878
65	44	84 220	37 560,942	592 293,913	15,769	15,308
66	45	82 840	36 489,696	554 732,971	15,202	14,742
67	46	81 371	35 399,902	518 243,275	14,640	14,179
68	47	79 809	34 291,865	482 843,373	14,080	13,620
69	48	78 171	33 173,387	448 551,508	13,521	13,061
70	49	76 400	32 021,417	415 378,120	12,972	12,511
71	50	74 565	30 866,690	383 356,703	12,420	11,959
72	51	72 593	29 679,368	352 490,014	11,877	11,416
73	52	70 541	28 484,264	322 810,646	11,333	10,873
74	53	68 353	27 260,154	294 326,382	10,797	10,337
75	54	66 059	26 019,702	267 066,227	10,264	9,804
76	55	63 653	24 762,704	241 046,526	9,734	9,274
77	56	61 088	23 471,432	216 283,821	9,215	8,754
78	57	58 393	22 158,721	192 812,389	8,701	8,241
79	58	55 519	20 808,075	170 653,668	8,201	7,741
80	59	52 488	19 429,143	149 845,593	7,712	7,252
81	60	49 293	18 021,347	130 416,449	7,237	6,776
82	61	45 869	16 562,428	112 395,102	6,786	6,326
83	62	42 294	15 083,208	95 832,675	6,354	5,893
84	63	38 610	13 599,486	80 749,466	5,938	5,477
85	64	34 822	12 113,660	67 149,980	5,543	5,083
86	65	30 944	10 631,656	55 036,321	5,177	4,716
87	66	27 084	9 190,579	44 404,665	4,832	4,371
88	67	23 300	7 808,963	35 214,085	4,509	4,049
89	68	19 647	6 503,414	27 405,122	4,214	3,754
90	69	16 231	5 306,464	20 901,709	3,939	3,479
91	70	13 131	4 239,826	15 595,245	3,678	3,218
92	71	10 384	3 311,590	11 355,419	3,429	2,969
93	72	7 934	2 498,849	8 043,829	3,219	2,759
94	73	5 914	1 839,581	5 544,980	3,014	2,554
95	74	4 246	1 304,515	3 705,399	2,840	2,380
96	75	2 960	898,289	2 400,884	2,673	2,212
97	76	1 967	589,627	1 502,595	2,548	2,088
98	77	1 277	378,007	912,968	2,415	1,955
99	78	797	232,940	534,962	2,297	1,836
100	79	478	137,874	302,021	2,191	1,730

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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22	0	99 261	75 524,532	3 046 835,924	40,342	39,882
23	1	98 918	74 334,218	2 971 311,392	39,972	39,512
24	2	98 853	73 368,249	2 896 977,174	39,485	39,025
25	3	98 794	72 419,061	2 823 608,926	38,990	38,529
26	4	98 740	71 486,303	2 751 189,865	38,486	38,025
27	5	98 685	70 564,606	2 679 703,562	37,975	37,515
28	6	98 631	69 655,046	2 609 138,955	37,458	36,998
29	7	98 574	68 755,669	2 539 483,909	36,935	36,475
30	8	98 518	67 868,257	2 470 728,240	36,405	35,944
31	9	98 456	66 988,079	2 402 859,983	35,870	35,410
32	10	98 390	66 116,274	2 335 871,904	35,330	34,869
33	11	98 322	65 254,806	2 269 755,631	34,783	34,323
34	12	98 242	64 397,055	2 204 500,825	34,233	33,773
35	13	98 159	63 548,094	2 140 103,770	33,677	33,217
36	14	98 071	62 707,289	2 076 555,676	33,115	32,655
37	15	97 977	61 874,190	2 013 848,386	32,547	32,087
38	16	97 869	61 043,006	1 951 974,196	31,977	31,517
39	17	97 751	60 216,151	1 890 931,191	31,402	30,942
40	18	97 628	59 398,402	1 830 715,040	30,821	30,361
41	19	97 488	58 580,932	1 771 316,639	30,237	29,777
42	20	97 341	57 770,441	1 712 735,707	29,647	29,187
43	21	97 183	56 964,486	1 654 965,266	29,053	28,592
44	22	97 017	56 165,330	1 598 000,779	28,452	27,991
45	23	96 827	55 363,178	1 541 835,449	27,849	27,389
46	24	96 620	54 562,759	1 486 472,272	27,243	26,783
47	25	96 392	53 762,036	1 431 909,513	26,634	26,174
48	26	96 146	52 962,499	1 378 147,476	26,021	25,561
49	27	95 872	52 159,917	1 325 184,977	25,406	24,946
50	28	95 567	51 351,847	1 273 025,061	24,790	24,330
51	29	95 227	50 537,366	1 221 673,213	24,174	23,713
52	30	94 850	49 715,800	1 171 135,848	23,557	23,096
53	31	94 427	48 883,200	1 121 420,047	22,941	22,480
54	32	93 954	48 037,826	1 072 536,847	22,327	21,867
55	33	93 422	47 176,368	1 024 499,021	21,716	21,256
56	34	92 837	46 301,764	977 322,653	21,108	20,647
57	35	92 188	45 410,452	931 020,889	20,502	20,042
58	36	91 474	44 502,627	885 610,437	19,900	19,440
59	37	90 686	43 574,722	841 107,810	19,303	18,842
60	38	89 833	42 631,891	797 533,088	18,707	18,247
61	39	88 896	41 666,471	754 901,197	18,118	17,657
62	40	87 881	40 682,275	713 234,726	17,532	17,071
63	41	86 772	39 673,004	672 552,450	16,952	16,492
64	42	85 583	38 646,059	632 879,447	16,376	15,916
65	43	84 296	37 595,081	594 233,388	15,806	15,346
66	44	82 921	36 525,146	556 638,307	15,240	14,779
67	45	81 465	35 440,738	520 113,161	14,676	14,215
68	46	79 907	34 333,667	484 672,423	14,117	13,656
69	47	78 279	33 218,907	450 338,756	13,557	13,096
70	48	76 522	32 072,542	417 119,849	13,006	12,545
71	49	74 696	30 920,741	385 047,307	12,453	11,992
72	50	72 728	29 734,472	354 126,565	11,910	11,449
73	51	70 693	28 545,428	324 392,093	11,364	10,904
74	52	68 513	27 323,900	295 846,665	10,827	10,367
75	53	66 229	26 086,684	268 522,765	10,293	9,833
76	54	63 838	24 834,443	242 436,081	9,762	9,302
77	55	61 287	23 547,856	217 601,638	9,241	8,780
78	56	58 602	22 238,267	194 053,782	8,726	8,266
79	57	55 737	20 890,050	171 815,515	8,225	7,764
80	58	52 717	19 514,018	150 925,465	7,734	7,274
81	59	49 526	18 106,563	131 411,447	7,258	6,797
82	60	46 112	16 650,274	113 304,884	6,805	6,345
83	61	42 536	15 169,460	96 654,610	6,372	5,911
84	62	38 849	13 683,426	81 485,150	5,955	5,495
85	63	35 059	12 195,969	67 801,724	5,559	5,099
86	64	31 177	10 711,701	55 605,755	5,191	4,731
87	65	27 301	9 264,421	44 894,054	4,846	4,385
88	66	23 506	7 877,991	35 629,633	4,523	4,062
89	67	19 835	6 565,671	27 751,642	4,227	3,766
90	68	16 403	5 362,587	21 185,971	3,951	3,490
91	69	13 284	4 289,388	15 823,385	3,689	3,229
92	70	10 517	3 353,844	11 533,997	3,439	2,979
93	71	8 044	2 533,563	8 180,152	3,229	2,768
94	72	6 003	1 867,241	5 646,589	3,024	2,564
95	73	4 317	1 326,288	3 779,348	2,850	2,389
96	74	3 014	914,608	2 453,060	2,682	2,222
97	75	2 006	601,189	1 538,452	2,559	2,099
98	76	1 305	386,338	937,263	2,426	1,966
99	77	816	238,618	550,925	2,309	1,848
100	78	491	141,765	312,306	2,203	1,743

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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23	0	99 216	74 558,291	2 973 792,508	39,885	39,425
24	1	98 877	73 386,444	2 899 234,217	39,506	39,046
25	2	98 806	72 428,058	2 825 847,773	39,016	38,556
26	3	98 750	71 493,676	2 753 419,715	38,513	38,052
27	4	98 695	70 571,359	2 681 926,039	38,003	37,543
28	5	98 640	69 661,252	2 611 354,680	37,486	37,026
29	6	98 583	68 761,752	2 541 693,428	36,964	36,503
30	7	98 523	67 871,410	2 472 931,676	36,436	35,975
31	8	98 463	66 992,747	2 405 060,266	35,900	35,440
32	9	98 396	66 120,318	2 338 067,519	35,361	34,900
33	10	98 327	65 258,623	2 271 947,201	34,815	34,354
34	11	98 250	64 402,035	2 206 688,578	34,264	33,804
35	12	98 166	63 553,085	2 142 286,543	33,709	33,248
36	13	98 080	62 713,198	2 078 733,458	33,147	32,686
37	14	97 986	61 879,896	2 016 020,261	32,580	32,119
38	15	97 881	61 050,433	1 954 140,365	32,009	31,548
39	16	97 765	60 225,019	1 893 089,931	31,434	30,973
40	17	97 642	59 406,491	1 832 864,913	30,853	30,393
41	18	97 508	58 592,476	1 773 458,422	30,268	29,807
42	19	97 358	57 780,540	1 714 865,947	29,679	29,219
43	20	97 201	56 975,020	1 657 085,406	29,084	28,624
44	21	97 033	56 174,593	1 600 110,386	28,485	28,024
45	22	96 843	55 372,193	1 543 935,793	27,883	27,422
46	23	96 638	54 572,580	1 488 563,601	27,277	26,816
47	24	96 410	53 771,712	1 433 991,020	26,668	26,208
48	25	96 164	52 972,576	1 380 219,308	26,055	25,595
49	26	95 890	52 169,735	1 327 246,733	25,441	24,981
50	27	95 588	51 362,900	1 275 076,998	24,825	24,364
51	28	95 249	50 549,277	1 223 714,098	24,208	23,748
52	29	94 874	49 728,669	1 173 164,821	23,591	23,131
53	30	94 457	48 898,707	1 123 436,152	22,975	22,514
54	31	93 983	48 052,915	1 074 537,445	22,362	21,901
55	32	93 454	47 192,538	1 026 484,530	21,751	21,291
56	33	92 870	46 318,454	979 291,992	21,143	20,682
57	34	92 225	45 428,896	932 973,538	20,537	20,077
58	35	91 512	44 520,975	887 544,643	19,935	19,475
59	36	90 728	43 594,710	843 023,667	19,338	18,877
60	37	89 876	42 652,137	799 428,958	18,743	18,283
61	38	88 950	41 691,622	756 776,821	18,152	17,691
62	39	87 934	40 706,746	715 085,199	17,567	17,106
63	40	86 832	39 700,226	674 378,453	16,987	16,526
64	41	85 646	38 674,688	634 678,227	16,411	15,950
65	42	84 363	37 624,946	596 003,539	15,841	15,380
66	43	82 996	36 558,344	558 378,593	15,274	14,813
67	44	81 544	35 475,170	521 820,250	14,709	14,249
68	45	79 999	34 373,273	486 345,080	14,149	13,689
69	46	78 374	33 259,401	451 971,807	13,589	13,129
70	47	76 627	32 116,552	418 712,406	13,037	12,577
71	48	74 815	30 970,109	386 595,855	12,483	12,022
72	49	72 856	29 786,541	355 625,745	11,939	11,479
73	50	70 824	28 598,427	325 839,204	11,394	10,933
74	51	68 660	27 382,573	297 240,777	10,855	10,395
75	52	66 384	26 147,685	269 858,205	10,321	9,860
76	53	64 002	24 898,374	243 710,519	9,788	9,328
77	54	61 465	23 616,076	218 812,145	9,265	8,805
78	55	58 793	22 310,675	195 196,070	8,749	8,289
79	56	55 938	20 965,042	172 885,395	8,246	7,786
80	57	52 925	19 590,895	151 920,353	7,755	7,294
81	58	49 742	18 185,660	132 329,458	7,277	6,816
82	59	46 330	16 729,006	114 143,798	6,823	6,363
83	60	42 762	15 249,918	97 414,792	6,388	5,928
84	61	39 071	13 761,673	82 164,873	5,971	5,510
85	62	35 275	12 271,246	68 403,200	5,574	5,114
86	63	31 389	10 784,485	56 131,954	5,205	4,744
87	64	27 507	9 334,172	45 347,470	4,858	4,398
88	65	23 695	7 941,287	36 013,298	4,535	4,075
89	66	20 011	6 623,708	28 072,011	4,238	3,778
90	67	16 560	5 413,923	21 448,303	3,962	3,501
91	68	13 425	4 334,754	16 034,380	3,699	3,239
92	69	10 640	3 393,050	11 699,626	3,448	2,988
93	70	8 147	2 565,891	8 306,576	3,237	2,777
94	71	6 086	1 893,181	5 740,686	3,032	2,572
95	72	4 382	1 346,230	3 847,504	2,858	2,398
96	73	3 064	929,873	2 501,274	2,690	2,230
97	74	2 042	612,111	1 571,401	2,567	2,107
98	75	1 331	393,914	959,290	2,435	1,975
99	76	834	243,878	565,376	2,318	1,858
100	77	503	145,221	321,498	2,214	1,753

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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24	0	99 175	73 607,660	2 901 520,711	39,419	38,958
25	1	98 830	72 446,021	2 827 913,051	39,035	38,574
26	2	98 763	71 502,559	2 755 467,030	38,537	38,076
27	3	98 705	70 578,638	2 683 964,471	38,028	37,568
28	4	98 649	69 667,918	2 613 385,834	37,512	37,052
29	5	98 592	68 767,878	2 543 717,916	36,990	36,530
30	6	98 532	67 877,415	2 474 950,038	36,462	36,002
31	7	98 468	66 995,859	2 407 072,624	35,929	35,468
32	8	98 403	66 124,926	2 340 076,765	35,389	34,928
33	9	98 333	65 262,615	2 273 951,838	34,843	34,383
34	10	98 255	64 405,802	2 208 689,223	34,293	33,833
35	11	98 174	63 558,000	2 144 283,421	33,737	33,277
36	12	98 088	62 718,123	2 080 725,421	33,176	32,715
37	13	97 996	61 885,726	2 018 007,299	32,609	32,148
38	14	97 890	61 056,063	1 956 121,572	32,038	31,578
39	15	97 777	60 232,347	1 895 065,509	31,463	31,002
40	16	97 656	59 415,239	1 834 833,162	30,882	30,421
41	17	97 521	58 600,455	1 775 417,923	30,297	29,837
42	18	97 377	57 791,926	1 716 817,468	29,707	29,246
43	19	97 218	56 984,980	1 659 025,542	29,113	28,653
44	20	97 051	56 184,981	1 602 040,562	28,514	28,053
45	21	96 859	55 381,325	1 545 855,581	27,913	27,453
46	22	96 653	54 581,467	1 490 474,256	27,307	26,847
47	23	96 427	53 781,391	1 435 892,789	26,699	26,238
48	24	96 181	52 982,109	1 382 111,399	26,086	25,626
49	25	95 909	52 179,661	1 329 129,290	25,472	25,012
50	26	95 605	51 372,568	1 276 949,629	24,857	24,396
51	27	95 270	50 560,157	1 225 577,061	24,240	23,780
52	28	94 897	49 740,390	1 175 016,904	23,623	23,163
53	29	94 481	48 911,364	1 125 276,515	23,006	22,546
54	30	94 013	48 068,159	1 076 365,151	22,392	21,932
55	31	93 484	47 207,361	1 028 296,992	21,783	21,322
56	32	92 902	46 334,329	981 089,631	21,174	20,714
57	33	92 258	45 445,271	934 755,301	20,569	20,108
58	34	91 549	44 539,058	889 310,030	19,967	19,507
59	35	90 765	43 612,684	844 770,972	19,370	18,909
60	36	89 917	42 671,702	801 158,289	18,775	18,315
61	37	88 992	41 711,420	758 486,587	18,184	17,724
62	38	87 987	40 731,317	716 775,166	17,598	17,137
63	39	86 884	39 724,106	676 043,849	17,018	16,558
64	40	85 705	38 701,225	636 319,743	16,442	15,981
65	41	84 426	37 652,819	597 618,518	15,872	15,411
66	42	83 062	36 587,385	559 965,699	15,305	14,844
67	43	81 618	35 507,413	523 378,314	14,740	14,280
68	44	80 076	34 406,668	487 870,901	14,180	13,719
69	45	78 464	33 297,768	453 464,234	13,618	13,158
70	46	76 720	32 155,702	420 166,466	13,067	12,606
71	47	74 918	31 012,606	388 010,764	12,511	12,051
72	48	72 972	29 834,098	356 998,159	11,966	11,506
73	49	70 948	28 648,506	327 164,060	11,420	10,960
74	50	68 788	27 433,412	298 515,554	10,881	10,421
75	51	66 526	26 203,832	271 082,142	10,345	9,885
76	52	64 152	24 956,597	244 878,310	9,812	9,352
77	53	61 623	23 676,870	219 921,712	9,288	8,828
78	54	58 963	22 375,310	196 244,842	8,771	8,310
79	55	56 120	21 033,304	173 869,532	8,266	7,806
80	56	53 114	19 661,222	152 836,228	7,773	7,313
81	57	49 938	18 257,304	133 175,006	7,294	6,834
82	58	46 532	16 802,086	114 917,701	6,839	6,379
83	59	42 964	15 322,029	98 115,616	6,404	5,943
84	60	39 278	13 834,664	82 793,587	5,985	5,524
85	61	35 477	12 341,418	68 958,922	5,588	5,127
86	62	31 582	10 851,050	56 617,504	5,218	4,757
87	63	27 694	9 397,595	45 766,455	4,870	4,410
88	64	23 873	8 001,076	36 368,859	4,545	4,085
89	65	20 171	6 676,926	28 367,783	4,249	3,788
90	66	16 707	5 461,780	21 690,857	3,971	3,511
91	67	13 553	4 376,250	16 229,077	3,708	3,248
92	68	10 752	3 428,936	11 852,827	3,457	2,996
93	69	8 242	2 595,885	8 423,891	3,245	2,785
94	70	6 164	1 917,337	5 828,006	3,040	2,579
95	71	4 443	1 364,932	3 910,669	2,865	2,405
96	72	3 110	943,855	2 545,736	2,697	2,237
97	73	2 077	622,327	1 601,881	2,574	2,114
98	74	1 355	401,070	979,554	2,442	1,982
99	75	851	248,660	578,484	2,326	1,866
100	76	514	148,422	329,824	2,222	1,762

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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25	0	99 128	72 664,402	2 830 020,535	38,946	38,486
26	1	98 787	71 520,292	2 757 356,133	38,553	38,093
27	2	98 717	70 587,406	2 685 835,841	38,050	37,589
28	3	98 659	69 675,103	2 615 248,435	37,535	37,075
29	4	98 601	68 774,458	2 545 573,331	37,013	36,553
30	5	98 541	67 883,462	2 476 798,873	36,486	36,026
31	6	98 476	67 001,786	2 408 915,412	35,953	35,493
32	7	98 407	66 127,998	2 341 913,625	35,415	34,954
33	8	98 340	65 267,163	2 275 785,627	34,869	34,408
34	9	98 261	64 409,742	2 210 518,464	34,320	33,859
35	10	98 180	63 561,718	2 146 108,722	33,764	33,304
36	11	98 095	62 722,973	2 082 547,004	33,202	32,742
37	12	98 003	61 890,586	2 019 824,031	32,635	32,175
38	13	97 900	61 061,816	1 957 933,445	32,065	31,604
39	14	97 786	60 237,901	1 896 871,629	31,490	31,029
40	15	97 668	59 422,469	1 836 633,727	30,908	30,448
41	16	97 535	58 609,085	1 777 211,258	30,323	29,863
42	17	97 391	57 799,796	1 718 602,174	29,734	29,273
43	18	97 237	56 996,209	1 660 802,377	29,139	28,678
44	19	97 068	56 194,803	1 603 806,168	28,540	28,080
45	20	96 877	55 391,566	1 547 611,365	27,939	27,479
46	21	96 669	54 590,469	1 492 219,799	27,335	26,874
47	22	96 443	53 790,148	1 437 629,331	26,727	26,266
48	23	96 199	52 991,646	1 383 839,182	26,114	25,654
49	24	95 926	52 189,051	1 330 847,537	25,501	25,040

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
50	25	95 624	51 382,342	1 278 658,485	24,885	24,425
51	26	95 288	50 569,674	1 227 276,143	24,269	23,809
52	27	94 917	49 751,095	1 176 706,469	23,652	23,191
53	28	94 504	48 922,892	1 126 955,374	23,035	22,575
54	29	94 038	48 080,601	1 078 032,482	22,421	21,961
55	30	93 513	47 222,337	1 029 951,881	21,811	21,350
56	31	92 931	46 348,883	982 729,545	21,203	20,742
57	32	92 290	45 460,847	936 380,662	20,598	20,137
58	33	91 582	44 555,113	890 919,814	19,996	19,536
59	34	90 802	43 630,398	846 364,702	19,399	18,938
60	35	89 954	42 689,295	802 734,304	18,804	18,344
61	36	89 033	41 730,554	760 045,009	18,213	17,753
62	37	88 029	40 750,660	718 314,455	17,627	17,167
63	38	86 937	39 748,084	677 563,795	17,046	16,586
64	39	85 757	38 724,504	637 815,711	16,471	16,010
65	40	84 484	37 678,655	599 091,207	15,900	15,440
66	41	83 124	36 614,489	561 412,552	15,333	14,873
67	42	81 683	35 535,620	524 798,063	14,768	14,308
68	43	80 149	34 437,940	489 262,443	14,207	13,747
69	44	78 541	33 330,117	454 824,503	13,646	13,186
70	45	76 809	32 192,795	421 494,386	13,093	12,632
71	46	75 009	31 050,410	389 301,591	12,538	12,077
72	47	73 072	29 875,036	358 251,181	11,992	11,531
73	48	71 061	28 694,247	328 376,145	11,444	10,984
74	49	68 908	27 481,452	299 681,898	10,905	10,444
75	50	66 650	26 252,483	272 200,447	10,369	9,908
76	51	64 289	25 010,186	245 947,963	9,834	9,374
77	52	61 767	23 732,237	220 937,777	9,310	8,849
78	53	59 115	22 432,911	197 205,540	8,791	8,331
79	54	56 282	21 094,239	174 772,630	8,285	7,825
80	55	53 287	19 725,240	153 678,391	7,791	7,331
81	56	50 118	18 322,844	133 953,151	7,311	6,850
82	57	46 716	16 868,279	115 630,307	6,855	6,395
83	58	43 152	15 388,962	98 762,028	6,418	5,957
84	59	39 464	13 900,083	83 373,066	5,998	5,538
85	60	35 665	12 406,876	69 472,983	5,600	5,139
86	61	31 763	10 913,100	57 066,107	5,229	4,769
87	62	27 865	9 455,600	46 153,006	4,881	4,421
88	63	24 035	8 055,441	36 697,406	4,556	4,095
89	64	20 323	6 727,197	28 641,965	4,258	3,797
90	65	16 841	5 505,662	21 914,768	3,980	3,520
91	66	13 673	4 414,935	16 409,106	3,717	3,256
92	67	10 855	3 461,761	11 994,172	3,465	3,004
93	68	8 329	2 623,340	8 532,410	3,252	2,792
94	69	6 236	1 939,750	5 909,070	3,046	2,586
95	70	4 499	1 382,348	3 969,320	2,871	2,411
96	71	3 154	956,967	2 586,972	2,703	2,243
97	72	2 108	631,685	1 630,005	2,580	2,120
98	73	1 378	407,764	998,320	2,448	1,988
99	74	866	253,177	590,556	2,333	1,872
100	75	524	151,332	337,378	2,229	1,769

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	4 460 369,883	44,604	44,143	50	50	94 053	44 675,430	966 369,361	21,631	21,170
1	1	99 344	97 876,167	4 360 369,883	44,550	44,089	51	51	93 566	43 787,588	921 693,931	21,049	20,588
2	2	99 292	96 379,165	4 262 493,716	44,226	43,766	52	52	93 020	42 888,681	877 906,343	20,469	20,009
3	3	99 264	94 928,225	4 166 114,551	43,887	43,426	53	53	92 419	41 981,721	835 017,662	19,890	19,429
4	4	99 243	93 505,512	4 071 186,326	43,540	43,079	54	54	91 749	41 061,308	793 035,941	19,313	18,853
5	5	99 223	92 105,029	3 977 680,814	43,186	42,726	55	55	90 997	40 123,184	751 974,633	18,742	18,281
6	6	99 204	90 726,672	3 885 575,786	42,827	42,366	56	56	90 166	39 168,971	711 851,448	18,174	17,713
7	7	99 187	89 369,852	3 794 849,114	42,462	42,001	57	57	89 251	38 198,785	672 682,478	17,610	17,149
8	8	99 174	88 037,441	3 705 479,262	42,090	41,629	58	58	88 249	37 211,726	634 483,692	17,051	16,590
9	9	99 158	86 722,934	3 617 441,821	41,713	41,252	59	59	87 149	36 204,612	597 271,967	16,497	16,036
10	10	99 144	85 429,251	3 530 718,888	41,329	40,868	60	60	85 963	35 184,411	561 067,354	15,946	15,486
11	11	99 130	84 155,158	3 445 289,636	40,940	40,479	61	61	84 669	34 142,560	525 882,943	15,403	14,942
12	12	99 115	82 898,658	3 361 134,478	40,545	40,084	62	62	83 277	33 084,787	491 740,383	14,863	14,402
13	13	99 101	81 661,519	3 278 235,820	40,144	39,683	63	63	81 777	32 009,045	458 655,596	14,329	13,868
14	14	99 082	80 439,405	3 196 574,300	39,739	39,278	64	64	80 171	30 916,655	426 646,551	13,800	13,339
15	15	99 059	79 232,588	3 116 134,895	39,329	38,868	65	65	78 438	29 801,261	395 729,896	13,279	12,818
16	16	99 031	78 039,687	3 036 902,307	38,915	38,454	66	66	76 613	28 677,661	365 928,635	12,760	12,299
17	17	98 992	76 856,046	2 958 862,620	38,499	38,038	67	67	74 681	27 541,217	337 250,974	12,245	11,785
18	18	98 951	75 689,130	2 882 006,574	38,077	37,616	68	68	72 641	26 393,229	309 709,757	11,734	11,274
19	19	98 894	74 527,312	2 806 317,443	37,655	37,194	69	69	70 502	25 237,516	283 316,528	11,226	10,765
20	20	98 837	73 383,895	2 731 790,131	37,226	36,765	70	70	68 217	24 058,683	258 079,012	10,727	10,266
21	21	98 777	72 254,822	2 658 406,236	36,792	36,331	71	71	65 856	22 882,520	234 020,329	10,227	9,766
22	22	98 720	71 146,434	2 586 151,414	36,350	35,889	72	72	63 353	21 687,588	211 137,809	9,735	9,275
23	23	98 659	70 051,802	2 515 004,981	35,902	35,441	73	73	60 780	20 499,373	189 450,220	9,242	8,781
24	24	98 601	68 975,873	2 444 953,179	35,446	34,986	74	74	58 064	19 293,839	168 950,847	8,757	8,296
25	25	98 537	67 912,033	2 375 977,305	34,986	34,525	75	75	55 255	18 089,186	149 657,009	8,273	7,812
26	26	98 475	66 866,385	2 308 065,272	34,518	34,057	76	76	52 370	16 891,441	131 567,822	7,789	7,328
27	27	98 411	65 835,590	2 241 198,887	34,042	33,582	77	77	49 336	15 677,635	114 676,381	7,315	6,854
28	28	98 344	64 818,744	2 175 363,296	33,561	33,100	78	78	46 202	14 464,760	98 998,746	6,844	6,383
29	29	98 274	63 814,827	2 110 544,552	33,073	32,612	79	79	42 891	13 229,635	84 533,986	6,390	5,929
30	30	98 197	62 822,693	2 046 729,725	32,579	32,119	80	80	39 447	11 987,527	71 304,351	5,948	5,487
31	31	98 111	61 839,915	1 983 907,032	32,081	31,621	81	81	35 864	10 737,670	59 316,824	5,524	5,063
32	32	98 019	60 869,383	1 922 067,117	31,577	31,116	82	82	32 118	9 473,993	48 579,154	5,128	4,667
33	33	97 924	59 911,279	1 861 197,734	31,066	30,605	83	83	28 314	8 228,404	39 105,161	4,752	4,292
34	34	97 817	58 961,450	1 801 286,455	30,550	30,089	84	84	24 532	7 024,094	30 876,756	4,396	3,935
35	35	97 702	58 021,829	1 742 325,005	30,029	29,568	85	85	20 824	5 874,203	23 852,663	4,061	3,600
36	36	97 583	57 094,963	1 684 303,176	29,500	29,039	86	86	17 225	4 787,121	17 978,460	3,756	3,295
37	37	97 455	56 177,080	1 627 208,212	28,966	28,505	87	87	13 872	3 798,445	13 191,339	3,473	3,012
38	38	97 313	55 266,401	1 571 031,132	28,427	27,966	88	88	10 836	2 923,319	9 392,894	3,213	2,752
39	39	97 150	54 358,710	1 515 764,730	27,884	27,424	89	89	8 172	2 171,829	6 469,575	2,979	2,518
40	40	96 984	53 463,562	1 461 406,020	27,335	26,874	90	90	5 939	1 555,061	4 297,745	2,764	2,303
41	41	96 797	52 572,190	1 407 942,459	26,781	26,320	91	91	4 144	1 068,989	2 742,684	2,566	2,105
42	42	96 597	51 687,886	1 355 370,269	26,222	25,761	92	92	2 762	702,120	1 673,696	2,384	1,923
43	43	96 381	50 810,293	1 303 682,382	25,658	25,197	93	93	1 739	435,369	971,576	2,232	1,771
44	44	96 145	49 936,936	1 252 872,089	25,089	24,628	94	94	1 041	256,707	536,207	2,089	1,628
45	45	95 879	49 062,827	1 202 935,153	24,518	24,057	95	95	585	142,129	279,500	1,967	1,506
46	46	95 581	48 187,494	1 153 872,326	23,945	23,485	96	96	310	74,276	137,371	1,849	1,389
47	47	95 257	47 314,231	1 105 684,832	23,369	22,908	97	97	150	35,423	63,095	1,781	1,320
48	48	94 901	46 440,901	1 058 370,600	22,790	22,329	98	98	70	16,230	27,672	1,705	1,244
49	49	94 498	45 560,339	1 011 929,700	22,211	21,750	99	99	31	7,020	11,442	1,630	1,169
							100	100	13	2,826	4,423	1,565	1,104

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 699	99 699,466	4 446 929,428	44,603	44,143	50	51	93 878	44 592,637	954 335,852	21,401	20,940
1	2	99 320	97 851,900	4 347 229,962	44,427	43,966	51	52	93 366	43 693,765	909 743,215	20,821	20,360
2	3	99 280	96 367,192	4 249 378,062	44,096	43,635	52	53	92 803	42 788,623	866 049,450	20,240	19,779
3	4	99 254	94 918,435	4 153 010,870	43,753	43,293	53	54	92 182	41 873,926	823 260,827	19,660	19,200
4	5	99 234	93 496,565	4 058 092,435	43,404	42,943	54	55	91 483	40 942,694	781 386,902	19,085	18,624
5	6	99 214	92 096,824	3 964 595,871	43,048	42,587	55	56	90 702	39 992,967	740 444,207	18,514	18,054
6	7	99 196	90 718,647	3 872 499,047	42,687	42,226	56	57	89 843	39 028,865	700 451,241	17,947	17,486
7	8	99 182	89 365,700	3 781 780,400	42,318	41,857	57	58	88 901	38 048,889	661 422,376	17,383	16,923
8	9	99 167	88 031,306	3 692 414,700	41,944	41,484	58	59	87 865	37 049,877	623 373,487	16,825	16,364
9	10	99 152	86 717,629	3 604 383,394	41,565	41,104	59	60	86 738	36 034,220	586 323,611	16,271	15,811
10	11	99 138	85 424,254	3 517 665,766	41,179	40,718	60	61	85 510	34 998,780	550 289,390	15,723	15,262
11	12	99 123	84 148,651	3 432 241,512	40,788	40,327	61	62	84 188	33 948,429	515 290,611	15,179	14,718
12	13	99 107	82 892,149	3 348 092,861	40,391	39,930	62	63	82 766	32 881,830	481 342,181	14,639	14,178
13	14	99 091	81 653,826	3 265 200,712	39,988	39,528	63	64	81 226	31 793,019	448 460,351	14,106	13,645
14	15	99 073	80 431,988	3 183 546,886	39,581	39,120	64	65	79 572	30 685,625	416 667,332	13,579	13,118
15	16	99 047	79 222,948	3 103 114,898	39,169	38,709	65	66	77 813	29 563,732	385 981,707	13,056	12,595
16	17	99 017	78 028,196	3 023 891,950	38,754	38,293	66	67	75 942	28 426,384	356 417,975	12,538	12,077
17	18	98 979	76 845,581	2 945 863,754	38,335	37,874	67	68	73 972	27 280,065	327 991,591	12,023	11,562
18	19	98 932	75 674,218	2 869 018,173	37,913	37,452	68	69	71 881	26 117,006	300 711,525	11,514	11,053
19	20	98 877	74 514,286	2 793 343,955	37,487	37,027	69	70	69 688	24 945,907	274 594,519	11,008	10,547
20	21	98 819	73 370,328	2 718 829,669	37,056	36,595	70	71	67 358	23 755,573	249 648,612	10,509	10,048
21	22	98 760	72 242,907	2 645 459,341	36,619	36,158	71	72	64 953	22 568,989	225 893,040	10,009	9,548
22	23	98 704	71 134,850	2 573 216,434	36,174	35,713	72	73	62 414	21 366,318	203 324,051	9,516	9,055
23	24	98 642	70 039,195	2 502 081,584	35,724	35,263	73	74	59 782	20 162,852	181 957,733	9,024	8,564
24	25	98 583	68 963,462	2 432 042,388	35,266	34,805	74	75	57 028	18 949,575	161 794,881	8,538	8,077
25	26	98 518	67 899,115	2 363 078,926	34,803	34,342	75	76	54 192	17 741,306	142 845,306	8,052	7,591
26	27	98 456	66 853,801	2 295 179,811	34,331	33,871	76	77	51 241	16 527,161	125 104,000	7,570	7,109
27	28	98 390	65 821,424	2 228 326,010	33,854	33,393	77	78	48 162	15 304,563	108 576,839	7,094	6,634
28	29	98 321	64 803,470	2 162 504,587	33,370	32,909	78	79	44 934	14 067,731	93 272,276	6,630	6,169
29	30	98 248	63 798,314	2 097 701,117	32,880	32,419	79	80	41 544	12 814,033	79 204,545	6,181	5,720
30	31	98 166	62 802,770	2 033 902,802	32,386	31,925	80	81	38 009	11 550,444	66 390,512	5,748	5,287
31	32	98 080	61 820,497	1 971 100,032	31,884	31,423	81	82	34 334	10 279,452	54 840,068	5,335	4,874
32	33	97 986	60 848,527	1 909 279,535	31,378	30,917	82	83	30 532	9 006,178	44 560,616	4,948	4,487
33	34	97 888	59 889,692	1 848 431,008	30,864	30,403	83	84	26 708	7 761,760	35 554,438	4,581	4,120
34	35	97 777	58 937,512	1 788 541,317	30,346	29,886	84	85	22 934	6 566,382	27 792,679	4,233	3,772
35	36	97 662	57 997,917	1 729 603,805	29,822	29,361	85	86	19 239	5 427,031	21 226,297	3,911	3,450
36	37	97 539	57 068,786	1 671 605,888	29,291	28,830	86	87	15 723	4 369,780	15 799,266	3,616	3,155
37	38	97 408	56 150,415	1 614 537,103	28,754	28,293	87	88	12 486	3 418,808	11 429,487	3,343	2,882
38	39	97 254	55 233,062	1 558 386,687	28,215	27,754	88	89	9 599	2 589,470	8 010,679	3,094	2,633
39	40	97 092	54 326,033	1 503 153,625	27,669	27,208	89	90	7 113	1 890,538	5 421,208	2,868	2,407
40	41	96 917	53 426,902	1 448 827,593	27,118	26,657	90	91	5 063	1 325,727	3 530,670	2,663	2,202
41	42	96 726	52 533,273	1 395 400,691	26,562	26,101	91	92	3 449	889,789	2 204,943	2,478	2,017
42	43	96 520	51 646,858	1 342 867,418	26,001	25,540	92	93	2 244	570,471	1 315,154	2,305	1,845
43	44	96 293	50 764,154	1 291 220,560	25,436	24,975	93	94	1 375	344,388	744,683	2,162	1,702
44	45	96 052	49 888,469	1 240 456,405	24,865	24,404	94	95	801	197,622	400,295	2,026	1,565
45	46	95 769	49 006,295	1 190 567,937	24,294	23,833	95	96	437	106,202	202,673	1,908	1,448
46	47	95 465	48 128,825	1 141 561,641	23,719	23,258	96	97	222	53,059	96,471	1,818	1,357
47	48	95 126	47 249,397	1 093 432,816	23,142	22,681	97	98	105	24,831	43,412	1,748	1,288
48	49	94 750	46 366,872	1 046 183,420	22,563	22,102	98	99	48	11,148	18,581	1,667	1,206
49	50	94 333	45 480,696	999 816,548	21,983	21,523	99	100	20	4,654	7,433	1,597	1,136

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 675	99 674,746	4 432 822,576	44,473	44,012	50	52	93 677	44 497,089	941 437,714	21,157	20,696
1	3	99 307	97 839,744	4 333 147,830	44,288	43,827	51	53	93 148	43 591,829	896 940,625	20,576	20,115
2	4	99 270	96 357,254	4 235 308,086	43,954	43,493	52	54	92 565	42 678,756	853 348,797	19,995	19,534
3	5	99 245	94 909,353	4 138 950,832	43,610	43,149	53	55	91 915	41 752,965	810 670,041	19,416	18,955
4	6	99 225	93 488,236	4 044 041,479	43,257	42,796	54	56	91 187	40 809,817	768 917,076	18,841	18,381
5	7	99 206	92 088,677	3 950 553,243	42,899	42,439	55	57	90 377	39 849,913	728 107,260	18,271	17,810
6	8	99 191	90 714,432	3 858 464,566	42,534	42,073	56	58	89 490	38 875,711	688 257,346	17,704	17,243
7	9	99 175	89 359,473	3 767 750,134	42,164	41,703	57	59	88 514	37 883,398	649 381,636	17,142	16,681
8	10	99 161	88 025,921	3 678 390,662	41,788	41,327	58	60	87 452	36 875,507	611 498,237	16,583	16,122
9	11	99 146	86 712,556	3 590 364,741	41,405	40,945	59	61	86 281	35 844,105	574 622,731	16,031	15,570
10	12	99 131	85 417,649	3 503 652,185	41,018	40,557	60	62	85 024	34 799,781	538 778,626	15,482	15,021
11	13	99 115	84 142,043	3 418 234,536	40,625	40,164	61	63	83 671	33 740,175	503 978,845	14,937	14,476
12	14	99 098	82 884,339	3 334 092,493	40,226	39,765	62	64	82 207	32 659,914	470 238,670	14,398	13,937
13	15	99 082	81 646,297	3 251 208,154	39,821	39,360	63	65	80 619	31 555,440	437 578,756	13,867	13,406
14	16	99 061	80 422,202	3 169 561,857	39,412	38,951	64	66	78 938	30 441,047	406 023,315	13,338	12,877
15	17	99 032	79 211,283	3 089 139,655	38,999	38,538	65	67	77 131	29 304,691	375 582,268	12,816	12,356
16	18	99 003	78 017,572	3 009 928,372	38,580	38,119	66	68	75 222	28 156,839	346 277,577	12,298	11,837
17	19	98 959	76 830,441	2 931 910,801	38,161	37,700	67	69	73 198	26 994,561	318 120,738	11,785	11,324
18	20	98 915	75 660,991	2 855 080,360	37,735	37,274	68	70	71 050	25 815,235	291 126,177	11,277	10,817
19	21	98 859	74 500,509	2 779 419,368	37,307	36,847	69	71	68 810	24 631,618	265 310,943	10,771	10,310
20	22	98 803	73 358,229	2 704 918,859	36,873	36,412	70	72	66 435	23 430,079	240 679,324	10,272	9,811
21	23	98 744	72 231,145	2 631 560,629	36,432	35,972	71	73	63 991	22 234,661	217 249,245	9,771	9,310
22	24	98 686	71 122,049	2 559 329,484	35,985	35,524	72	74	61 390	21 015,565	195 014,584	9,280	8,819
23	25	98 624	70 026,593	2 488 207,435	35,532	35,072	73	75	58 716	19 803,083	173 999,019	8,786	8,326
24	26	98 565	68 950,343	2 418 180,843	35,071	34,611	74	76	55 931	18 585,149	154 195,936	8,297	7,836
25	27	98 499	67 886,337	2 349 230,499	34,605	34,145	75	77	53 024	17 358,698	135 610,788	7,812	7,351
26	28	98 435	66 839,415	2 281 344,163	34,132	33,671	76	78	50 022	16 133,873	118 252,089	7,329	6,869
27	29	98 367	65 805,913	2 214 504,748	33,652	33,191	77	79	46 840	14 884,483	102 118,216	6,861	6,400
28	30	98 296	64 786,701	2 148 698,834	33,166	32,705	78	80	43 522	13 625,801	87 233,734	6,402	5,941
29	31	98 217	63 778,082	2 083 912,133	32,674	32,214	79	81	40 029	12 346,814	73 607,933	5,962	5,501
30	32	98 135	62 783,050	2 020 134,052	32,176	31,716	80	82	36 387	11 057,542	61 261,119	5,540	5,079
31	33	98 046	61 799,315	1 957 351,001	31,673	31,212	81	83	32 638	9 771,863	50 203,577	5,138	4,677
32	34	97 951	60 826,601	1 895 551,686	31,163	30,702	82	84	28 801	8 495,424	40 431,713	4,759	4,298
33	35	97 849	59 865,377	1 834 725,085	30,648	30,187	83	85	24 968	7 255,979	31 936,289	4,401	3,941
34	36	97 737	58 913,222	1 774 859,708	30,127	29,666	84	86	21 188	6 066,518	24 680,310	4,068	3,607
35	37	97 617	57 971,325	1 715 946,486	29,600	29,139	85	87	17 561	4 953,902	18 613,792	3,757	3,297
36	38	97 492	57 041,697	1 657 975,161	29,066	28,605	86	88	14 152	3 933,040	13 659,890	3,473	3,012
37	39	97 350	56 116,543	1 600 933,464	28,529	28,068	87	89	11 060	3 028,373	9 726,850	3,212	2,751
38	40	97 196	55 199,859	1 544 816,922	27,986	27,525	88	90	8 356	2 254,088	6 698,477	2,972	2,511
39	41	97 025	54 288,781	1 489 617,063	27,439	26,978	89	91	6 064	1 611,729	4 444,389	2,758	2,297
40	42	96 846	53 387,352	1 435 328,282	26,885	26,424	90	92	4 214	1 103,489	2 832,660	2,567	2,106
41	43	96 649	52 491,574	1 381 940,930	26,327	25,866	91	93	2 802	722,952	1 729,171	2,392	1,931
42	44	96 432	51 599,960	1 329 449,355	25,765	25,304	92	94	1 775	451,257	1 006,219	2,230	1,769
43	45	96 200	50 714,884	1 277 849,396	25,197	24,736	93	95	1 059	265,122	554,962	2,093	1,632
44	46	95 941	49 830,986	1 227 134,512	24,626	24,165	94	96	599	147,668	289,840	1,963	1,502
45	47	95 652	48 946,629	1 177 303,526	24,053	23,592	95	97	312	75,865	142,172	1,874	1,413
46	48	95 334	48 062,874	1 128 356,897	23,477	23,016	96	98	155	37,193	66,307	1,783	1,322
47	49	94 975	47 174,079	1 080 294,023	22,900	22,439	97	99	72	17,056	29,113	1,707	1,246
48	50	94 584	46 285,819	1 033 119,944	22,320	21,860	98	100	32	7,391	12,058	1,631	1,171
49	51	94 158	45 396,411	986 834,125	21,738	21,277							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 662	99 662,364	4 417 743,058	44,327	43,866
1	4	99 297	97 829,654	4 318 080,693	44,139	43,678
2	5	99 260	96 348,034	4 220 251,039	43,802	43,341
3	6	99 236	94 900,898	4 123 903,006	43,455	42,994
4	7	99 216	93 479,966	4 029 002,107	43,100	42,639
5	8	99 201	92 084,399	3 935 522,141	42,738	42,277
6	9	99 184	90 708,111	3 843 437,742	42,371	41,911
7	10	99 169	89 354,006	3 752 729,631	41,998	41,538
8	11	99 155	88 020,772	3 663 375,625	41,619	41,159
9	12	99 139	86 705,851	3 575 354,853	41,235	40,775
10	13	99 123	85 410,941	3 488 649,003	40,845	40,385
11	14	99 106	84 134,116	3 403 238,061	40,450	39,989
12	15	99 089	82 876,697	3 319 103,946	40,049	39,588
13	16	99 070	81 636,363	3 236 227,249	39,642	39,181
14	17	99 046	80 410,361	3 154 590,886	39,231	38,770
15	18	99 019	79 200,497	3 074 180,526	38,815	38,354
16	19	98 984	78 002,201	2 994 980,029	38,396	37,935
17	20	98 942	76 817,012	2 916 977,828	37,973	37,512
18	21	98 896	75 647,003	2 840 160,816	37,545	37,084
19	22	98 842	74 488,224	2 764 513,813	37,113	36,653
20	23	98 787	73 346,286	2 690 025,588	36,676	36,215
21	24	98 726	72 218,146	2 616 679,302	36,233	35,772
22	25	98 669	71 109,251	2 544 461,156	35,782	35,322
23	26	98 605	70 013,272	2 473 351,905	35,327	34,866
24	27	98 546	68 937,367	2 403 338,633	34,863	34,402
25	28	98 478	67 871,729	2 334 401,265	34,394	33,934
26	29	98 412	66 823,665	2 266 529,537	33,918	33,457
27	30	98 341	65 788,885	2 199 705,872	33,436	32,975
28	31	98 265	64 766,155	2 133 916,987	32,948	32,487
29	32	98 186	63 758,056	2 069 150,832	32,453	31,992
30	33	98 101	62 761,539	2 005 392,776	31,953	31,492
31	34	98 011	61 777,047	1 942 631,237	31,446	30,985
32	35	97 911	60 801,906	1 880 854,190	30,934	30,473
33	36	97 808	59 840,704	1 820 052,284	30,415	29,954
34	37	97 692	58 886,210	1 760 211,580	29,892	29,431
35	38	97 570	57 943,808	1 701 325,370	29,362	28,901
36	39	97 433	57 007,287	1 643 381,562	28,828	28,367
37	40	97 291	56 082,808	1 586 374,275	28,286	27,825
38	41	97 129	55 162,008	1 530 291,467	27,742	27,281
39	42	96 954	54 248,594	1 475 129,459	27,192	26,731
40	43	96 769	53 344,975	1 420 880,865	26,636	26,175
41	44	96 561	52 443,908	1 367 535,890	26,076	25,615
42	45	96 339	51 549,878	1 315 091,981	25,511	25,050
43	46	96 089	50 656,448	1 263 542,104	24,943	24,483
44	47	95 824	49 770,316	1 212 885,655	24,370	23,909
45	48	95 521	48 879,558	1 163 115,340	23,796	23,335
46	49	95 182	47 986,259	1 114 235,782	23,220	22,759
47	50	94 809	47 091,615	1 066 249,523	22,642	22,181
48	51	94 409	46 200,042	1 019 157,908	22,060	21,599
49	52	93 956	45 299,141	972 957,866	21,479	21,018
50	53	93 459	44 393,279	927 658,725	20,896	20,436
51	54	92 909	43 479,899	883 265,447	20,314	19,854
52	55	92 297	42 555,470	839 785,548	19,734	19,273
53	56	91 617	41 617,458	797 230,078	19,156	18,695
54	57	90 860	40 663,842	755 612,620	18,582	18,121
55	58	90 023	39 693,537	714 948,778	18,012	17,551
56	59	89 101	38 706,624	675 255,241	17,445	16,985
57	60	88 098	37 705,105	636 548,617	16,882	16,421
58	61	86 990	36 680,953	598 843,512	16,326	15,865
59	62	85 790	35 640,300	562 162,559	15,773	15,312
60	63	84 502	34 586,304	526 522,259	15,223	14,763
61	64	83 106	33 512,466	491 935,956	14,679	14,218
62	65	81 593	32 415,858	458 423,490	14,142	13,681
63	66	79 976	31 303,930	426 007,632	13,609	13,148
64	67	78 246	30 174,319	394 703,703	13,081	12,620
65	68	76 400	29 026,817	364 529,384	12,558	12,098
66	69	74 434	27 862,159	335 502,566	12,042	11,581
67	70	72 353	26 682,650	307 640,407	11,530	11,069
68	71	70 155	25 489,994	280 957,757	11,022	10,561
69	72	67 867	24 294,121	255 467,763	10,516	10,055
70	73	65 451	23 082,996	231 173,642	10,015	9,554
71	74	62 941	21 869,653	208 090,646	9,515	9,054
72	75	60 294	20 640,580	186 220,993	9,022	8,561
73	76	57 586	19 422,242	165 580,413	8,525	8,065
74	77	54 725	18 184,343	146 158,171	8,038	7,577
75	78	51 762	16 945,622	127 973,828	7,552	7,091
76	79	48 649	15 691,030	111 028,206	7,076	6,615
77	80	45 369	14 416,894	95 337,176	6,613	6,152
78	81	41 936	13 128,984	80 920,281	6,163	5,703
79	82	38 321	11 819,928	67 791,297	5,735	5,275
80	83	34 590	10 511,532	55 971,369	5,325	4,864
81	84	30 787	9 217,687	45 459,837	4,932	4,471
82	85	26 924	7 941,836	36 242,150	4,563	4,103
83	86	23 067	6 703,620	28 300,315	4,222	3,761
84	87	19 341	5 537,639	21 596,695	3,900	3,439
85	88	15 806	4 458,782	16 059,056	3,602	3,141
86	89	12 536	3 483,879	11 600,274	3,330	2,869
87	90	9 628	2 636,144	8 116,395	3,079	2,618
88	91	7 123	1 921,664	5 480,250	2,852	2,391
89	92	5 048	1 341,548	3 558,587	2,653	2,192
90	93	3 424	896,583	2 217,039	2,473	2,012
91	94	2 217	571,874	1 320,456	2,309	1,848
92	95	1 367	347,393	748,582	2,155	1,694
93	96	791	198,105	401,189	2,025	1,564
94	97	428	105,486	203,084	1,925	1,464
95	98	219	53,180	97,598	1,835	1,374
96	99	107	25,547	44,417	1,739	1,278
97	100	48	11,309	18,870	1,669	1,208

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 652	99 652,086	4 401 652,860	44,170	43,709
1	5	99 288	97 820,293	4 302 000,774	43,979	43,518
2	6	99 251	96 339,451	4 204 180,481	43,639	43,178
3	7	99 227	94 892,503	4 107 841,030	43,289	42,829
4	8	99 212	93 475,623	4 012 948,527	42,930	42,470
5	9	99 194	92 077,982	3 919 472,903	42,567	42,106
6	10	99 178	90 702,562	3 827 394,921	42,197	41,736
7	11	99 163	89 348,780	3 736 692,359	41,821	41,361
8	12	99 147	88 013,965	3 647 343,580	41,441	40,980
9	13	99 131	86 699,042	3 559 329,614	41,054	40,593
10	14	99 114	85 402,894	3 472 630,572	40,662	40,201
11	15	99 097	84 126,358	3 387 227,678	40,264	39,803
12	16	99 077	82 866,613	3 303 101,320	39,860	39,400
13	17	99 055	81 624,343	3 220 234,707	39,452	38,991
14	18	99 032	80 399,412	3 138 610,364	39,038	38,577
15	19	98 999	79 184,893	3 058 210,953	38,621	38,160
16	20	98 966	77 988,567	2 979 026,060	38,198	37,737
17	21	98 924	76 802,810	2 901 037,492	37,773	37,312
18	22	98 880	75 634,529	2 824 234,683	37,341	36,880
19	23	98 826	74 476,097	2 748 600,153	36,906	36,445
20	24	98 769	73 333,086	2 674 124,056	36,465	36,005
21	25	98 709	72 205,152	2 600 790,970	36,019	35,559
22	26	98 650	71 095,724	2 528 585,818	35,566	35,105
23	27	98 587	70 000,096	2 457 490,094	35,107	34,646
24	28	98 525	68 922,533	2 387 489,998	34,640	34,179
25	29	98 455	67 855,735	2 318 567,465	34,169	33,708
26	30	98 386	66 806,373	2 250 711,730	33,690	33,229
27	31	98 310	65 768,021	2 183 905,357	33,206	32,745
28	32	98 234	64 745,819	2 118 137,336	32,715	32,254
29	33	98 153	63 736,210	2 053 391,517	32,217	31,756
30	34	98 066	62 738,924	1 989 655,307	31,713	31,252
31	35	97 971	61 751,966	1 926 916,383	31,204	30,743
32	36	97 870	60 776,848	1 865 164,417	30,689	30,228
33	37	97 764	59 813,267	1 804 387,569	30,167	29,706
34	38	97 646	58 858,259	1 744 574,302	29,640	29,179
35	39	97 512	57 908,853	1 685 716,043	29,110	28,649
36	40	97 375	56 973,017	1 627 807,190	28,572	28,111
37	41	97 224	56 044,353	1 570 834,173	28,028	27,568
38	42	97 057	55 121,174	1 514 789,820	27,481	27,020
39	43	96 877	54 205,533	1 459 668,646	26,928	26,468
40	44	96 681	53 296,535	1 405 463,113	26,371	25,910
41	45	96 468	52 393,008	1 352 166,578	25,808	25,347
42	46	96 228	51 490,480	1 299 773,571	25,243	24,782
43	47	95 972	50 594,773	1 248 283,090	24,672	24,211
44	48	95 693	49 702,115	1 197 688,317	24,097	23,637
45	49	95 369	48 801,641	1 147 986,202	23,524	23,063
46	50	95 016	47 902,376	1 099 184,561	22,946	22,486
47	51	94 633	47 004,345	1 051 282,185	22,366	21,905
48	52	94 206	46 101,049	1 004 277,840	21,784	21,323
49	53	93 737	45 193,459	958 176,791	21,202	20,741
50	54	93 219	44 279,291	912 983,331	20,619	20,158
51	55	92 640	43 354,299	868 704,040	20,037	19,577
52	56	91 998	42 417,358	825 349,742	19,458	18,997
53	57	91 289	41 468,594	782 932,383	18,880	18,419
54	58	90 504	40 504,272	741 463,790	18,306	17,845
55	59	89 631	39 520,894	700 959,518	17,736	17,276
56	60	88 682	38 524,457	661 438,625	17,169	16,709
57	61	87 633	37 506,175	622 914,168	16,608	16,148
58	62	86 496	36 472,389	585 407,993	16,051	15,590
59	63	85 264	35 421,666	548 935,604	15,497	15,036
60	64	83 932	34 352,884	513 513,937	14,948	14,487
61	65	82 485	33 262,038	479 161,053	14,406	13,945
62	66	80 943	32 157,489	445 899,015	13,866	13,405
63	67	79 275	31 029,641	413 741,526	13,334	12,873
64	68	77 504	29 888,200	382 711,885	12,805	12,344
65	69	75 600	28 723,032	352 823,685	12,284	11,823
66	70	73 574	27 540,223	324 100,653	11,768	11,307
67	71	71 441	26 346,481	296 560,430	11,256	10,795
68	72	69 194	25 140,736	270 213,950	10,748	10,287
69	73	66 862	23 934,238	245 073,214	10,239	9,779
70	74	64 376	22 704,061	221 138,976	9,740	9,279
71	75	61 818	21 479,429	198 434,914	9,238	8,778
72	76	59 135	20 243,633	176 955,485	8,741	8,280
73	77	56 345	19 003,383	156 711,851	8,247	7,786
74	78	53 423	17 751,619	137 708,468	7,758	7,297
75	79	50 341	16 480,499	119 956,849	7,279	6,818
76	80	47 120	15 198,105	103 476,350	6,809	6,348
77	81	43 715	13 891,233	88 278,246	6,355	5,894
78	82	40 146	12 568,720	74 387,013	5,918	5,458
79	83	36 428	11 236,272	61 818,293	5,502	5,041
80	84	32 628	9 915,408	50 582,021	5,101	4,641
81	85	28 781	8 617,033	40 666,613	4,719	4,259
82	86	24 874	7 337,266	32 049,580	4,368	3,907
83	87	21 056	6 119,198	24 712,314	4,038	3,578
84	88	17 408	4 984,177	18 593,115	3,730	3,270
85	89	14 001	3 949,580	13 608,938	3,446	2,985
86	90	10 912	3 032,654	9 659,358	3,185	2,724
87	91	8 208	2 247,376	6 626,704	2,949	2,488
88	92	5 929	1 599,526	4 379,328	2,738	2,277
89	93	4 101	1 090,005	2 779,801	2,550	2,089
90	94	2 708	709,220	1 689,796	2,383	1,922
91	95	1 707	440,248	980,576	2,227	1,767
92	96	1 021	259,580	540,328	2,082	1,621
93	97	565	141,516	280,747	1,984	1,523
94	98	300	73,944	139,231	1,883	1,422
95	99	150	36,528	65,288	1,787	1,327
96	100	71	16,939	28,759	1,698	1,237

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 643	99 642,551	4 384 529,351	44,003	43,542
1	6	99 279	97 811,579	4 284 886,800	43,808	43,347
2	7	99 243	96 330,929	4 187 075,221	43,466	43,005
3	8	99 222	94 888,095	4 090 744,292	43,111	42,650
4	9	99 205	93 469,110	3 995 856,197	42,751	42,290
5	10	99 188	92 072,350	3 902 387,087	42,384	41,923
6	11	99 172	90 697,256	3 810 314,737	42,011	41,551
7	12	99 156	89 341,870	3 719 617,481	41,634	41,173
8	13	99 139	88 007,054	3 630 275,611	41,250	40,789
9	14	99 121	86 690,874	3 542 268,557	40,861	40,400
10	15	99 104	85 395,020	3 455 577,683	40,466	40,005
11	16	99 084	84 116,123	3 370 182,663	40,066	39,605
12	17	99 062	82 854,411	3 286 066,540	39,661	39,200
13	18	99 042	81 613,228	3 203 212,129	39,249	38,788
14	19	99 013	80 383,572	3 121 598,901	38,834	38,373
15	20	98 982	79 171,052	3 041 215,329	38,413	37,952
16	21	98 948	77 974,149	2 962 044,277	37,988	37,527
17	22	98 907	76 790,145	2 884 070,128	37,558	37,097
18	23	98 864	75 622,215	2 807 279,983	37,122	36,662
19	24	98 808	74 462,694	2 731 657,768	36,685	36,224
20	25	98 751	73 319,891	2 657 195,074	36,241	35,780
21	26	98 690	72 191,416	2 583 875,183	35,792	35,331
22	27	98 631	71 082,345	2 511 683,766	35,335	34,874
23	28	98 565	69 985,033	2 440 601,422	34,873	34,412
24	29	98 502	68 906,292	2 370 616,389	34,403	33,943
25	30	98 429	67 838,176	2 301 710,097	33,929	33,469
26	31	98 355	66 785,187	2 233 871,921	33,449	32,988
27	32	98 279	65 747,370	2 167 086,734	32,961	32,500
28	33	98 200	64 723,635	2 101 339,364	32,466	32,006
29	34	98 117	63 713,244	2 036 615,729	31,965	31,505
30	35	98 026	62 713,452	1 972 902,485	31,459	30,998
31	36	97 931	61 726,516	1 910 189,033	30,946	30,485
32	37	97 826	60 748,981	1 848 462,517	30,428	29,967
33	38	97 717	59 784,876	1 787 713,535	29,902	29,442
34	39	97 587	58 822,753	1 727 928,659	29,375	28,914
35	40	97 453	57 874,042	1 669 105,906	28,840	28,380
36	41	97 308	56 933,951	1 611 231,865	28,300	27,839
37	42	97 152	56 002,865	1 554 297,914	27,754	27,293
38	43	96 980	55 077,421	1 498 295,049	27,203	26,743
39	44	96 789	54 156,311	1 443 217,628	26,649	26,188
40	45	96 587	53 244,806	1 389 061,317	26,088	25,627
41	46	96 356	52 332,638	1 335 816,511	25,525	25,065
42	47	96 111	51 427,790	1 283 483,872	24,957	24,496
43	48	95 841	50 525,443	1 232 056,082	24,385	23,924
44	49	95 541	49 622,888	1 181 530,639	23,810	23,349
45	50	95 202	48 716,332	1 131 907,751	23,235	22,774
46	51	94 840	47 813,603	1 083 191,419	22,654	22,194
47	52	94 430	46 903,629	1 035 377,816	22,075	21,614
48	53	93 987	45 993,497	988 474,187	21,492	21,031
49	54	93 496	45 077,417	942 480,690	20,908	20,447
50	55	92 949	44 151,382	897 403,273	20,326	19,865
51	56	92 340	43 213,595	853 251,891	19,745	19,284
52	57	91 669	42 265,633	810 038,296	19,165	18,705
53	58	90 931	41 305,866	767 772,663	18,587	18,127
54	59	90 110	40 328,102	726 466,798	18,014	17,553
55	60	89 209	39 334,894	686 138,696	17,444	16,983
56	61	88 214	38 321,203	646 803,802	16,878	16,418
57	62	87 135	37 292,919	608 482,599	16,316	15,856
58	63	85 965	36 248,652	571 189,679	15,758	15,297
59	64	84 689	35 182,609	534 941,028	15,205	14,744
60	65	83 304	34 096,176	499 758,419	14,657	14,197
61	66	81 828	32 996,925	465 662,242	14,112	13,651
62	67	80 233	31 875,721	432 665,317	13,574	13,113
63	68	78 524	30 735,411	400 789,596	13,040	12,579
64	69	76 693	29 575,400	370 054,185	12,512	12,051
65	70	74 727	28 391,149	340 478,785	11,992	11,532
66	71	72 647	27 193,249	312 087,636	11,477	11,016
67	72	70 462	25 985,487	284 894,387	10,964	10,503
68	73	68 169	24 768,311	258 908,900	10,453	9,992
69	74	65 764	23 541,330	234 140,589	9,946	9,485
70	75	63 228	22 298,949	210 599,258	9,444	8,984
71	76	60 629	21 066,350	188 300,309	8,938	8,478
72	77	57 860	19 807,061	167 233,959	8,443	7,982
73	78	55 004	18 551,170	147 426,899	7,947	7,486
74	79	51 956	17 264,372	128 875,729	7,465	7,004
75	80	48 760	15 962,772	111 611,357	6,992	6,531
76	81	45 402	14 643,959	95 648,584	6,532	6,071
77	82	41 849	13 298,440	81 004,625	6,091	5,630
78	83	38 164	11 948,089	67 706,185	5,667	5,206
79	84	34 362	10 599,047	55 758,096	5,261	4,800
80	85	30 502	9 269,289	45 159,049	4,872	4,411
81	86	26 590	7 961,065	35 889,760	4,508	4,047
82	87	22 706	6 697,603	27 928,695	4,170	3,709
83	88	18 952	5 507,612	21 231,092	3,855	3,394
84	89	15 420	4 414,974	15 723,480	3,561	3,101
85	90	12 188	3 438,039	11 308,506	3,289	2,828
86	91	9 303	2 585,410	7 870,467	3,044	2,583
87	92	6 832	1 870,638	5 285,057	2,825	2,364
88	93	4 818	1 299,612	3 414,419	2,627	2,166
89	94	3 244	862,222	2 114,806	2,453	1,992
90	95	2 085	545,982	1 252,584	2,294	1,833
91	96	1 275	328,964	706,602	2,148	1,687
92	97	730	185,430	377,638	2,037	1,576
93	98	396	99,200	192,208	1,938	1,477
94	99	206	50,791	93,008	1,831	1,370
95	100	100	24,220	42,217	1,743	1,282

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 634	99 633,675	4 366 356,471	43,824	43,363
1	7	99 270	97 802,927	4 266 722,796	43,626	43,165
2	8	99 238	96 326,454	4 168 919,869	43,279	42,818
3	9	99 216	94 881,483	4 072 593,415	42,923	42,462
4	10	99 199	93 463,392	3 977 711,933	42,559	42,098
5	11	99 182	92 066,964	3 884 248,541	42,189	41,729
6	12	99 165	90 690,243	3 792 181,577	41,815	41,354
7	13	99 148	89 334,855	3 701 491,334	41,434	40,973
8	14	99 130	87 998,763	3 612 156,479	41,048	40,587
9	15	99 112	86 682,881	3 524 157,716	40,656	40,195
10	16	99 092	85 384,630	3 437 474,836	40,259	39,798
11	17	99 070	84 103,737	3 352 090,206	39,857	39,396
12	18	99 049	82 843,130	3 267 986,469	39,448	38,987
13	19	99 022	81 597,149	3 185 143,339	39,035	38,574
14	20	98 996	80 369,521	3 103 546,190	38,616	38,155
15	21	98 964	79 156,415	3 023 176,669	38,192	37,732
16	22	98 932	77 961,291	2 944 020,254	37,763	37,302
17	23	98 891	76 777,643	2 866 058,963	37,329	36,869
18	24	98 846	75 608,606	2 789 281,320	36,891	36,430
19	25	98 791	74 449,295	2 713 672,714	36,450	35,989
20	26	98 732	73 305,944	2 639 223,418	36,003	35,542
21	27	98 671	72 177,830	2 565 917,475	35,550	35,089
22	28	98 610	71 067,049	2 493 739,644	35,090	34,629
23	29	98 542	69 968,541	2 422 672,596	34,625	34,164
24	30	98 476	68 888,461	2 352 704,054	34,152	33,692
25	31	98 398	67 816,663	2 283 815,593	33,676	33,216
26	32	98 324	66 764,216	2 215 998,930	33,191	32,731
27	33	98 246	65 724,843	2 149 234,714	32,700	32,240
28	34	98 165	64 700,313	2 083 509,871	32,202	31,742
29	35	98 077	63 687,377	2 018 809,558	31,699	31,238
30	36	97 986	62 687,606	1 955 122,182	31,188	30,728
31	37	97 886	61 698,215	1 892 434,575	30,672	30,212
32	38	97 779	60 720,146	1 830 736,361	30,150	29,690
33	39	97 658	59 748,811	1 770 016,215	29,624	29,163
34	40	97 528	58 787,392	1 710 267,404	29,092	28,632
35	41	97 386	57 834,358	1 651 480,012	28,555	28,095
36	42	97 236	56 891,805	1 593 645,654	28,012	27,551
37	43	97 075	55 958,412	1 536 753,850	27,462	27,002
38	44	96 892	55 027,407	1 480 795,437	26,910	26,449
39	45	96 695	54 103,748	1 425 768,030	26,352	25,892
40	46	96 476	53 183,456	1 371 664,282	25,791	25,330
41	47	96 239	52 268,923	1 318 480,826	25,225	24,764
42	48	95 979	51 357,318	1 266 211,904	24,655	24,194
43	49	95 688	50 444,903	1 214 854,585	24,083	23,622
44	50	95 374	49 536,143	1 164 409,682	23,506	23,045
45	51	95 026	48 626,051	1 114 873,539	22,927	22,467
46	52	94 636	47 711,153	1 066 247,488	22,348	21,887
47	53	94 210	46 794,204	1 018 536,334	21,766	21,305
48	54	93 745	45 875,401	971 742,130	21,182	20,721
49	55	93 226	44 947,202	925 866,729	20,599	20,138
50	56	92 648	44 008,091	880 919,527	20,017	19,556
51	57	92 009	43 059,021	836 911,436	19,436	18,976
52	58	91 309	42 099,777	793 852,415	18,856	18,396
53	59	90 536	41 126,209	751 752,638	18,279	17,818
54	60	89 686	40 138,303	710 626,429	17,704	17,244
55	61	88 739	39 127,365	670 488,125	17,136	16,675
56	62	87 712	38 103,314	631 360,761	16,570	16,109
57	63	86 600	37 064,148	593 257,447	16,006	15,545
58	64	85 385	36 004,013	556 193,299	15,448	14,987
59	65	84 056	34 919,701	520 189,286	14,897	14,436
60	66	82 640	33 824,415	485 269,585	14,347	13,886
61	67	81 111	32 707,802	451 445,170	13,802	13,342
62	68	79 473	31 573,469	418 737,368	13,262	12,802
63	69	77 702	30 413,745	387 163,899	12,730	12,269
64	70	75 807	29 233,668	356 750,155	12,203	11,743
65	71	73 785	28 033,455	327 516,487	11,683	11,222
66	72	71 652	26 820,653	299 483,032	11,166	10,705
67	73	69 418	25 600,549	272 662,379	10,651	10,190
68	74	67 050	24 361,711	247 061,830	10,141	9,681
69	75	64 591	23 121,278	222 700,119	9,632	9,171
70	76	62 012	21 870,109	199 578,841	9,126	8,665
71	77	59 321	20 612,035	177 708,732	8,622	8,161
72	78	56 483	19 335,722	157 096,697	8,125	7,664
73	79	53 494	18 041,977	137 760,975	7,636	7,175
74	80	50 324	16 722,021	119 718,998	7,159	6,699
75	81	46 982	15 380,746	102 996,977	6,696	6,236
76	82	43 465	14 019,045	87 616,231	6,250	5,789
77	83	39 783	12 641,777	73 597,187	5,822	5,361
78	84	35 999	11 270,496	60 955,409	5,408	4,948
79	85	32 123	9 908,380	49 684,913	5,014	4,554
80	86	28 180	8 563,667	39 776,534	4,645	4,184
81	87	24 272	7 267,019	31 212,867	4,295	3,834
82	88	20 436	6 028,208	23 945,847	3,972	3,512
83	89	16 787	4 878,632	17 917,640	3,673	3,212
84	90	13 423	3 843,156	13 039,008	3,393	2,932
85	91	10 390	2 931,010	9 195,852	3,137	2,677
86	92	7 743	2 152,006	6 264,842	2,911	2,450
87	93	5 551	1 519,890	4 112,836	2,706	2,245
88	94	3 811	1 028,027	2 592,945	2,522	2,061
89	95	2 497	663,769	1 564,918	2,358	1,897
90	96	1 558	407,971	901,150	2,209	1,748
91	97	911	234,994	493,179	2,099	1,638
92	98	511	129,983	258,185	1,986	1,525
93	99	272	68,139	128,202	1,881	1,421
94	100	136	33,676	60,063	1,784	1,323

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 625	99 624,861	4 347 123,233	43,635	43,174
1	8	99 265	97 798,384	4 247 498,372	43,431	42,970
2	9	99 231	96 319,741	4 149 699,988	43,083	42,622
3	10	99 209	94 875,679	4 053 380,247	42,723	42,262
4	11	99 193	93 457,925	3 958 504,568	42,356	41,895
5	12	99 175	92 059,845	3 865 046,643	41,984	41,523
6	13	99 157	90 683,122	3 772 986,799	41,606	41,145
7	14	99 138	89 326,438	3 682 303,677	41,223	40,762
8	15	99 121	87 990,649	3 592 977,239	40,834	40,373
9	16	99 100	86 672,334	3 504 986,590	40,440	39,979
10	17	99 078	85 372,057	3 418 314,256	40,040	39,579
11	18	99 056	84 092,285	3 332 942,199	39,634	39,174
12	19	99 029	82 826,808	3 248 849,914	39,225	38,764
13	20	99 005	81 582,887	3 166 023,106	38,807	38,347
14	21	98 977	80 354,663	3 084 440,219	38,385	37,925
15	22	98 948	79 143,362	3 004 085,556	37,958	37,497
16	23	98 916	77 948,598	2 924 942,194	37,524	37,063
17	24	98 873	76 763,826	2 846 993,596	37,088	36,627
18	25	98 828	75 595,001	2 770 229,770	36,646	36,185
19	26	98 772	74 435,133	2 694 634,769	36,201	35,740
20	27	98 714	73 292,148	2 620 199,635	35,750	35,289
21	28	98 650	72 162,299	2 546 907,487	35,294	34,833
22	29	98 587	71 050,302	2 474 745,189	34,831	34,370
23	30	98 517	69 950,436	2 403 694,886	34,363	33,902
24	31	98 445	68 866,615	2 333 744,451	33,888	33,427
25	32	98 367	67 795,368	2 264 877,836	33,408	32,947
26	33	98 291	66 741,341	2 197 082,468	32,919	32,459
27	34	98 210	65 701,160	2 130 341,127	32,425	31,964
28	35	98 125	64 674,045	2 064 639,967	31,924	31,463
29	36	98 037	63 661,129	1 999 965,922	31,416	30,955
30	37	97 941	62 658,864	1 936 304,793	30,902	30,442
31	38	97 839	61 668,929	1 873 645,929	30,382	29,922
32	39	97 720	60 683,517	1 811 977,000	29,859	29,399
33	40	97 599	59 712,893	1 751 293,483	29,329	28,868
34	41	97 461	58 747,081	1 691 580,590	28,794	28,333
35	42	97 314	57 791,545	1 632 833,509	28,254	27,793
36	43	97 159	56 846,646	1 575 041,964	27,707	27,246
37	44	96 987	55 907,598	1 518 195,317	27,155	26,695
38	45	96 798	54 973,999	1 462 287,719	26,600	26,139
39	46	96 583	54 041,408	1 407 313,720	26,041	25,581
40	47	96 358	53 118,704	1 353 272,312	25,476	25,016
41	48	96 107	52 197,299	1 300 153,608	24,908	24,448
42	49	95 826	51 275,452	1 247 956,309	24,338	23,877
43	50	95 521	50 356,722	1 196 680,857	23,764	23,303
44	51	95 197	49 444,343	1 146 324,135	23,184	22,723
45	52	94 822	48 521,860	1 096 879,793	22,606	22,145
46	53	94 416	47 599,845	1 048 357,932	22,024	21,564
47	54	93 968	46 674,052	1 000 758,087	21,441	20,981
48	55	93 475	45 742,881	954 084,036	20,858	20,397
49	56	92 924	44 801,328	908 341,155	20,275	19,814
50	57	92 316	43 850,676	863 539,826	19,693	19,232
51	58	91 648	42 890,052	819 689,151	19,111	18,651
52	59	90 912	41 916,668	776 799,099	18,532	18,071
53	60	90 109	40 932,655	734 882,431	17,953	17,493
54	61	89 213	39 926,535	693 949,776	17,381	16,920
55	62	88 234	38 904,891	654 023,241	16,811	16,350
56	63	87 174	37 869,571	615 118,350	16,243	15,782
57	64	86 016	36 814,006	577 248,779	15,680	15,219
58	65	84 747	35 734,967	540 434,773	15,123	14,663
59	66	83 386	34 641,376	504 699,806	14,569	14,108
60	67	81 916	33 528,042	470 058,430	14,020	13,559
61	68	80 342	32 397,660	436 530,389	13,474	13,013
62	69	78 641	31 243,031	404 132,729	12,935	12,474
63	70	76 804	30 062,326	372 889,698	12,404	11,943
64	71	74 852	28 865,359	342 827,372	11,877	11,416
65	72	72 774	27 649,347	313 962,013	11,355	10,894
66	73	70 591	26 423,343	286 312,667	10,836	10,375
67	74	68 279	25 180,286	259 889,323	10,321	9,860
68	75	65 854	23 927,020	234 709,037	9,809	9,349
69	76	63 348	22 676,624	210 782,017	9,295	8,834
70	77	60 674	21 398,460	188 105,393	8,791	8,330
71	78	57 910	20 121,541	166 706,933	8,285	7,824
72	79	54 932	18 804,995	146 585,392	7,795	7,334
73	80	51 814	17 475,198	127 780,398	7,312	6,851
74	81	48 489	16 112,311	110 305,200	6,846	6,385
75	82	44 977	14 724,390	94 192,889	6,397	5,936
76	83	41 319	13 326,799	79 468,499	5,963	5,502
77	84	37 526	11 924,844	66 141,700	5,547	5,086
78	85	33 653	10 536,075	54 216,856	5,146	4,685
79	86	29 678	9 154,108	43 680,781	4,772	4,311
80	87	25 723	7 817,087	34 526,673	4,417	3,956
81	88	21 846	6 540,713	26 709,587	4,084	3,623
82	89	18 102	5 339,775	20 168,873	3,777	3,316
83	90	14 613	4 246,762	14 829,099	3,492	3,031
84	91	11 443	3 276,382	10 582,337	3,230	2,769
85	92	8 649	2 439,672	7 305,955	2,995	2,534
86	93	6 291	1 748,501	4 866,283	2,783	2,322
87	94	4 391	1 202,272	3 117,782	2,593	2,132
88	95	2 934	791,411	1 915,510	2,420	1,960
89	96	1 866	495,983	1 124,099	2,266	1,806
90	97	1 113	291,433	628,116	2,155	1,694
91	98	639	164,727	336,683	2,044	1,583
92	99	351	89,283	171,957	1,926	1,465
93	100	180	45,178	82,673	1,830	1,369

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 620	99 620,233	4 326 823,889	43,433	42,972
1	9	99 258	97 791,568	4 227 203,656	43,227	42,766
2	10	99 225	96 313,849	4 129 412,088	42,875	42,414
3	11	99 204	94 870,129	4 033 098,238	42,512	42,051
4	12	99 185	93 450,698	3 938 228,109	42,142	41,682
5	13	99 167	92 052,616	3 844 777,411	41,767	41,306
6	14	99 148	90 674,578	3 752 724,796	41,387	40,926
7	15	99 129	89 318,202	3 662 050,218	41,000	40,539
8	16	99 109	87 979,943	3 572 732,016	40,608	40,148
9	17	99 086	86 659,572	3 484 752,073	40,212	39,751
10	18	99 064	85 360,433	3 398 092,501	39,809	39,348
11	19	99 037	84 075,717	3 312 732,068	39,402	38,941
12	20	99 012	82 812,331	3 228 656,351	38,988	38,527
13	21	98 987	81 567,804	3 145 844,020	38,567	38,106
14	22	98 961	80 341,412	3 064 276,216	38,141	37,680
15	23	98 931	79 130,477	2 983 934,804	37,709	37,248
16	24	98 898	77 934,570	2 904 804,327	37,272	36,812
17	25	98 856	76 750,013	2 826 869,757	36,832	36,371
18	26	98 810	75 580,621	2 750 119,743	36,387	35,926
19	27	98 753	74 421,125	2 674 539,122	35,938	35,477
20	28	98 693	73 276,377	2 600 117,997	35,484	35,023
21	29	98 627	72 145,294	2 526 841,621	35,024	34,564
22	30	98 561	71 031,917	2 454 696,326	34,558	34,097
23	31	98 485	69 928,252	2 383 664,410	34,087	33,626
24	32	98 414	68 844,991	2 313 736,157	33,608	33,147
25	33	98 334	67 772,140	2 244 891,167	33,124	32,663
26	34	98 255	66 717,292	2 177 119,027	32,632	32,171
27	35	98 170	65 674,486	2 110 401,735	32,134	31,673
28	36	98 084	64 647,391	2 044 727,249	31,629	31,168
29	37	97 992	63 631,941	1 980 079,859	31,118	30,657
30	38	97 894	62 629,122	1 916 447,918	30,600	30,139
31	39	97 780	61 631,727	1 853 818,796	30,079	29,618
32	40	97 661	60 647,037	1 792 187,069	29,551	29,090
33	41	97 533	59 671,948	1 731 540,032	29,018	28,557
34	42	97 389	58 703,593	1 671 868,084	28,480	28,019
35	43	97 237	57 745,673	1 613 164,491	27,936	27,475
36	44	97 071	56 795,026	1 555 418,818	27,387	26,926
37	45	96 893	55 853,336	1 498 623,792	26,831	26,371
38	46	96 687	54 910,656	1 442 770,456	26,275	25,814
39	47	96 466	53 975,612	1 387 859,800	25,713	25,252
40	48	96 226	53 045,915	1 333 884,189	25,146	24,685
41	49	95 954	52 114,094	1 280 838,273	24,578	24,117
42	50	95 658	51 185,819	1 228 724,180	24,005	23,544
43	51	95 344	50 263,401	1 177 538,361	23,427	22,967
44	52	94 993	49 338,399	1 127 274,960	22,848	22,387
45	53	94 601	48 408,661	1 077 936,562	22,267	21,807
46	54	94 173	47 477,624	1 029 527,901	21,684	21,224
47	55	93 696	46 539,225	982 050,277	21,102	20,641
48	56	93 171	45 594,425	935 511,052	20,518	20,057
49	57	92 591	44 641,076	889 916,628	19,935	19,474
50	58	91 954	43 678,600	845 275,552	19,352	18,891
51	59	91 250	42 703,505	801 596,952	18,771	18,310
52	60	90 484	41 719,393	758 893,447	18,190	17,730
53	61	89 634	40 716,696	717 174,054	17,614	17,153
54	62	88 706	39 699,518	676 457,358	17,039	16,579
55	63	87 693	38 666,231	636 757,841	16,468	16,007
56	64	86 586	37 613,993	598 091,609	15,901	15,440
57	65	85 373	36 538,907	560 477,616	15,339	14,878
58	66	84 071	35 450,144	523 938,709	14,780	14,319
59	67	82 655	34 337,844	488 488,566	14,226	13,765
60	68	81 140	33 210,121	454 150,721	13,675	13,214
61	69	79 501	32 058,596	420 940,600	13,130	12,670
62	70	77 732	30 882,030	388 882,004	12,593	12,132
63	71	75 836	29 683,577	357 999,973	12,061	11,600
64	72	73 826	28 469,852	328 316,396	11,532	11,071
65	73	71 696	27 239,761	299 846,544	11,008	10,547
66	74	69 432	25 989,573	272 606,783	10,489	10,028
67	75	67 060	24 730,990	246 617,210	9,972	9,511
68	76	64 587	23 466,871	221 886,220	9,455	8,994
69	77	61 982	22 187,581	198 419,350	8,943	8,482
70	78	59 231	20 889,252	176 231,768	8,436	7,976
71	79	56 320	19 569,244	155 342,516	7,938	7,477
72	80	53 207	18 214,246	135 773,272	7,454	6,993
73	81	49 924	16 838,026	117 559,026	6,982	6,521
74	82	46 420	15 424,737	100 721,001	6,530	6,069
75	83	42 756	13 997,315	85 296,264	6,094	5,633
76	84	38 975	12 571,017	71 298,949	5,672	5,211
77	85	35 081	11 147,784	58 727,932	5,268	4,807
78	86	31 092	9 734,020	47 580,148	4,888	4,427
79	87	27 091	8 356,052	37 846,129	4,529	4,068
80	88	23 152	7 035,804	29 490,076	4,191	3,731
81	89	19 351	5 793,751	22 454,272	3,876	3,415
82	90	15 758	4 648,178	16 660,521	3,584	3,124
83	91	12 458	3 620,466	12 012,343	3,318	2,857
84	92	9 525	2 727,147	8 391,877	3,077	2,616
85	93	7 027	1 982,229	5 664,730	2,858	2,397
86	94	4 977	1 383,109	3 682,501	2,662	2,202
87	95	3 380	925,551	2 299,392	2,484	2,024
88	96	2 192	591,360	1 373,841	2,323	1,862
89	97	1 333	354,304	782,480	2,208	1,748
90	98	780	204,289	428,176	2,096	1,635
91	99	439	113,148	223,887	1,979	1,518
92	100	233	59,198	110,740	1,871	1,410

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 613	99 613,291	4 305 452,682	43,222	42,761
1	10	99 252	97 785,586	4 205 839,391	43,011	42,550
2	11	99 219	96 308,215	4 108 053,804	42,655	42,194
3	12	99 196	94 862,793	4 011 745,589	42,290	41,829
4	13	99 177	93 443,360	3 916 882,796	41,917	41,456
5	14	99 157	92 043,943	3 823 439,436	41,539	41,078
6	15	99 138	90 666,217	3 731 395,493	41,155	40,695
7	16	99 117	89 307,335	3 640 729,276	40,766	40,305
8	17	99 094	87 966,988	3 551 421,941	40,372	39,911
9	18	99 072	86 647,772	3 463 454,953	39,972	39,511
10	19	99 045	85 343,615	3 376 807,181	39,567	39,106
11	20	99 020	84 061,022	3 291 463,566	39,156	38,695
12	21	98 994	82 797,021	3 207 402,544	38,738	38,277
13	22	98 970	81 554,353	3 124 605,523	38,313	37,852
14	23	98 945	80 328,332	3 043 051,170	37,883	37,422
15	24	98 914	79 116,237	2 962 722,838	37,448	36,987
16	25	98 880	77 920,547	2 883 606,601	37,007	36,546
17	26	98 837	76 735,414	2 805 686,054	36,563	36,102
18	27	98 791	75 566,397	2 728 950,641	36,113	35,652
19	28	98 732	74 405,111	2 653 384,244	35,661	35,201
20	29	98 669	73 259,110	2 578 979,133	35,204	34,743
21	30	98 601	72 126,625	2 505 720,023	34,741	34,280
22	31	98 530	71 009,390	2 433 593,398	34,271	33,811
23	32	98 454	69 906,295	2 362 584,008	33,796	33,336
24	33	98 380	68 821,402	2 292 677,713	33,313	32,853
25	34	98 298	67 747,719	2 223 856,311	32,826	32,365
26	35	98 215	66 690,205	2 156 108,591	32,330	31,869
27	36	98 130	65 647,419	2 089 418,386	31,828	31,367
28	37	98 039	64 617,750	2 023 770,967	31,319	30,858
29	38	97 945	63 601,737	1 959 153,217	30,803	30,343
30	39	97 835	62 591,341	1 895 551,480	30,285	29,824
31	40	97 722	61 594,677	1 832 960,139	29,758	29,298
32	41	97 594	60 605,452	1 771 365,462	29,228	28,767
33	42	97 460	59 627,776	1 710 760,011	28,691	28,230
34	43	97 312	58 656,997	1 651 132,235	28,149	27,688
35	44	97 149	57 693,236	1 592 475,238	27,602	27,142
36	45	96 976	56 739,902	1 534 782,003	27,049	26,589
37	46	96 781	55 788,980	1 478 042,101	26,493	26,033
38	47	96 569	54 843,801	1 422 253,121	25,933	25,472
39	48	96 334	53 901,649	1 367 409,320	25,369	24,908
40	49	96 073	52 961,358	1 313 507,671	24,801	24,340
41	50	95 786	52 022,994	1 260 546,313	24,231	23,770
42	51	95 481	51 090,961	1 208 523,319	23,654	23,194
43	52	95 139	50 155,702	1 157 432,358	23,077	22,616
44	53	94 771	49 223,294	1 107 276,656	22,495	22,034
45	54	94 358	48 284,363	1 058 053,362	21,913	21,452
46	55	93 901	47 340,476	1 009 768,999	21,330	20,869
47	56	93 392	46 388,184	962 428,524	20,747	20,286
48	57	92 838	45 431,335	916 040,340	20,163	19,702
49	58	92 228	44 465,898	870 609,005	19,579	19,118
50	59	91 554	43 488,624	826 143,106	18,997	18,536
51	60	90 820	42 502,528	782 654,483	18,414	17,954
52	61	90 007	41 499,283	740 151,955	17,835	17,374
53	62	89 124	40 485,185	698 652,672	17,257	16,796
54	63	88 162	39 455,983	658 167,487	16,681	16,220
55	64	87 101	38 405,277	618 711,504	16,110	15,649
56	65	85 939	37 332,916	580 306,227	15,544	15,083
57	66	84 692	36 247,676	542 973,310	14,980	14,519
58	67	83 335	35 139,525	506 725,635	14,420	13,960
59	68	81 871	34 012,245	471 586,109	13,865	13,404
60	69	80 290	32 862,555	437 573,864	13,315	12,854
61	70	78 582	31 688,172	404 711,309	12,772	12,311
62	71	76 753	30 492,954	373 023,137	12,233	11,772
63	72	74 797	29 276,859	342 530,183	11,700	11,239
64	73	72 733	28 048,111	313 253,324	11,168	10,708
65	74	70 519	26 792,588	285 205,212	10,645	10,184
66	75	68 193	25 525,837	258 412,624	10,124	9,663
67	76	65 771	24 255,379	232 886,787	9,601	9,141
68	77	63 194	22 960,786	208 631,408	9,086	8,626
69	78	60 507	21 659,595	185 670,622	8,572	8,111
70	79	57 605	20 315,883	164 011,028	8,073	7,612
71	80	54 551	18 954,487	143 695,144	7,581	7,120
72	81	51 267	17 550,127	124 740,658	7,108	6,647
73	82	47 794	16 119,482	107 190,530	6,650	6,189
74	83	44 128	14 663,080	91 071,048	6,211	5,750
75	84	40 331	13 203,507	76 407,969	5,787	5,326
76	85	36 436	11 751,850	63 204,462	5,378	4,917
77	86	32 411	10 299,162	51 452,612	4,996	4,535
78	87	28 381	8 885,408	41 153,450	4,632	4,171
79	88	24 383	7 520,903	32 268,042	4,290	3,830
80	89	20 508	6 232,301	24 747,139	3,971	3,510
81	90	16 845	5 043,356	18 514,838	3,671	3,210
82	91	13 434	3 962,683	13 471,481	3,400	2,939
83	92	10 370	3 013,551	9 508,799	3,155	2,695
84	93	7 739	2 215,802	6 495,248	2,931	2,471
85	94	5 559	1 567,994	4 279,446	2,729	2,268
86	95	3 831	1 064,766	2 711,451	2,547	2,086
87	96	2 526	691,593	1 646,686	2,381	1,920
88	97	1 566	422,437	955,093	2,261	1,800
89	98	934	248,361	532,656	2,145	1,684
90	99	536	140,322	284,295	2,026	1,565
91	100	291	75,021	143,973	1,919	1,458

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	10	99 607	99 607,197	4 283 013,981	42,999	42,538
1	11	99 247	97 779,866	4 183 406,784	42,784	42,323
2	12	99 211	96 300,768	4 085 626,917	42,426	41,965
3	13	99 188	94 855,344	3 989 326,149	42,057	41,596
4	14	99 168	93 434,556	3 894 470,805	41,681	41,220
5	15	99 148	92 035,456	3 801 036,249	41,300	40,839
6	16	99 126	90 655,186	3 709 000,793	40,913	40,452
7	17	99 103	89 294,185	3 618 345,607	40,522	40,061
8	18	99 081	87 955,010	3 529 051,422	40,123	39,663
9	19	99 053	86 630,701	3 441 096,412	39,721	39,261
10	20	99 027	85 328,698	3 354 465,711	39,312	38,851
11	21	99 001	84 045,481	3 269 137,013	38,897	38,436
12	22	98 977	82 783,368	3 185 091,532	38,475	38,014
13	23	98 954	81 541,076	3 102 308,165	38,046	37,585
14	24	98 927	80 313,876	3 020 767,089	37,612	37,151
15	25	98 896	79 102,001	2 940 453,213	37,173	36,712
16	26	98 861	77 905,724	2 861 351,213	36,728	36,268
17	27	98 818	76 720,972	2 783 445,488	36,280	35,819
18	28	98 770	75 550,136	2 706 724,516	35,827	35,366
19	29	98 709	74 387,578	2 631 174,379	35,371	34,910
20	30	98 644	73 240,152	2 556 786,802	34,910	34,449
21	31	98 570	72 103,752	2 483 546,649	34,444	33,983
22	32	98 499	70 987,094	2 411 442,897	33,970	33,509
23	33	98 421	69 882,343	2 340 455,804	33,491	33,031
24	34	98 345	68 796,604	2 270 573,461	33,004	32,543
25	35	98 258	67 720,214	2 201 776,857	32,513	32,052
26	36	98 175	66 662,720	2 134 056,643	32,013	31,552
27	37	98 085	65 617,320	2 067 393,924	31,507	31,046
28	38	97 993	64 587,078	2 001 776,603	30,993	30,533
29	39	97 886	63 563,369	1 937 189,525	30,477	30,016
30	40	97 776	62 553,715	1 873 626,156	29,952	29,491
31	41	97 655	61 552,442	1 811 072,442	29,423	28,962
32	42	97 522	60 560,588	1 749 520,000	28,889	28,428
33	43	97 383	59 580,445	1 688 959,412	28,348	27,887
34	44	97 223	58 603,732	1 629 378,967	27,803	27,343
35	45	97 054	57 637,240	1 570 775,234	27,253	26,792
36	46	96 865	56 674,524	1 513 137,994	26,699	26,238
37	47	96 664	55 721,056	1 456 463,470	26,138	25,678
38	48	96 437	54 768,649	1 400 742,414	25,576	25,115
39	49	96 180	53 815,727	1 345 973,766	25,011	24,550
40	50	95 905	52 868,777	1 292 158,039	24,441	23,980
41	51	95 609	51 926,585	1 239 289,261	23,866	23,405
42	52	95 277	50 981,489	1 187 362,676	23,290	22,829
43	53	94 917	50 038,690	1 136 381,187	22,710	22,249
44	54	94 528	49 096,904	1 086 342,497	22,126	21,666
45	55	94 085	48 144,884	1 037 245,593	21,544	21,083
46	56	93 596	47 186,834	989 100,709	20,961	20,501
47	57	93 058	46 222,255	941 913,874	20,378	19,917
48	58	92 474	45 253,057	895 691,619	19,793	19,332
49	59	91 827	44 272,498	850 438,562	19,209	18,748
50	60	91 123	43 283,951	806 166,064	18,625	18,164
51	61	90 341	42 278,286	762 882,114	18,044	17,584
52	62	89 495	41 263,323	720 603,828	17,464	17,003
53	63	88 578	40 236,831	679 340,505	16,884	16,423
54	64	87 567	39 189,699	639 103,674	16,308	15,847
55	65	86 450	38 118,287	599 913,975	15,738	15,277
56	66	85 254	37 035,356	561 795,688	15,169	14,708
57	67	83 950	35 930,069	524 760,331	14,605	14,144
58	68	82 545	34 806,325	488 830,262	14,044	13,583
59	69	81 014	33 656,284	454 023,937	13,490	13,029
60	70	79 363	32 482,841	420 367,653	12,941	12,480
61	71	77 592	31 288,940	387 884,811	12,397	11,936
62	72	75 701	30 075,146	356 595,872	11,857	11,396
63	73	73 689	28 843,164	326 520,726	11,321	10,860
64	74	71 539	27 587,669	297 677,562	10,790	10,329
65	75	69 261	26 314,524	270 089,893	10,264	9,803
66	76	66 881	25 034,940	243 775,369	9,737	9,277
67	77	64 352	23 732,289	218 740,429	9,217	8,756
68	78	61 690	22 414,400	195 008,140	8,700	8,239
69	79	58 846	21 065,082	172 593,741	8,193	7,733
70	80	55 795	19 677,671	151 528,659	7,701	7,240
71	81	52 562	18 263,378	131 850,988	7,219	6,759
72	82	49 079	16 801,195	113 587,610	6,761	6,300
73	83	45 434	15 323,519	96 786,415	6,316	5,855
74	84	41 625	13 831,515	81 462,896	5,890	5,429
75	85	37 703	12 343,125	67 631,381	5,479	5,018
76	86	33 662	10 857,244	55 288,256	5,092	4,631
77	87	29 585	9 401,281	44 431,012	4,726	4,265
78	88	25 545	7 997,352	35 029,730	4,380	3,919
79	89	21 598	6 662,001	27 032,379	4,058	3,597
80	90	17 852	5 425,106	20 370,378	3,755	3,294
81	91	14 361	4 299,582	14 945,272	3,476	3,015
82	92	11 182	3 298,400	10 645,690	3,228	2,767
83	93	8 425	2 448,505	7 347,290	3,001	2,540
84	94	6 122	1 752,757	4 898,785	2,795	2,334
85	95	4 279	1 207,096	3 146,028	2,606	2,145
86	96	2 863	795,617	1 938,932	2,437	1,976
87	97	1 804	494,037	1 143,315	2,314	1,853
88	98	1 098	296,120	649,277	2,193	1,732
89	99	642	170,594	353,157	2,070	1,609
90	100	355	93,038	182,562	1,962	1,501

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 601	99 601,371	4 259 511,939	42,766	42,305
1	12	99 239	97 772,305	4 159 910,568	42,547	42,086
2	13	99 204	96 293,206	4 062 138,263	42,185	41,724
3	14	99 179	94 846,407	3 965 845,057	41,813	41,353
4	15	99 159	93 425,941	3 870 998,650	41,434	40,973
5	16	99 136	92 024,258	3 777 572,709	41,050	40,589
6	17	99 112	90 641,837	3 685 548,450	40,661	40,200
7	18	99 089	89 282,026	3 594 906,613	40,265	39,804
8	19	99 061	87 937,682	3 505 624,587	39,865	39,404
9	20	99 035	86 615,559	3 417 686,905	39,458	38,997
10	21	99 009	85 312,923	3 331 071,346	39,045	38,585
11	22	98 985	84 031,622	3 245 758,424	38,625	38,165
12	23	98 961	82 769,890	3 161 726,802	38,199	37,738
13	24	98 937	81 526,401	3 078 956,912	37,766	37,306
14	25	98 909	80 299,424	2 997 430,511	37,328	36,867
15	26	98 877	79 086,954	2 917 131,087	36,885	36,424
16	27	98 843	77 891,063	2 838 044,133	36,436	35,975
17	28	98 797	76 704,463	2 760 153,070	35,984	35,523
18	29	98 746	75 532,334	2 683 448,607	35,527	35,066
19	30	98 683	74 368,329	2 607 916,274	35,068	34,607
20	31	98 613	73 216,926	2 533 547,945	34,603	34,143
21	32	98 539	72 081,111	2 460 331,019	34,133	33,672
22	33	98 465	70 962,771	2 388 249,908	33,655	33,194
23	34	98 385	69 857,162	2 317 287,137	33,172	32,711
24	35	98 305	68 768,673	2 247 429,975	32,681	32,220
25	36	98 218	67 692,304	2 178 661,302	32,185	31,724
26	37	98 130	66 632,155	2 110 968,998	31,681	31,220
27	38	98 038	65 586,174	2 044 336,843	31,170	30,709
28	39	97 934	64 548,116	1 978 750,669	30,655	30,195
29	40	97 828	63 525,158	1 914 202,553	30,133	29,672
30	41	97 709	62 510,822	1 850 677,394	29,606	29,145
31	42	97 582	61 506,877	1 788 166,573	29,073	28,612
32	43	97 445	60 512,517	1 726 659,696	28,534	28,073
33	44	97 295	59 526,342	1 666 147,178	27,990	27,529
34	45	97 129	58 546,853	1 606 620,836	27,442	26,981
35	46	96 942	57 570,828	1 548 073,983	26,890	26,429
36	47	96 747	56 605,522	1 490 503,155	26,331	25,871
37	48	96 531	55 644,701	1 433 897,633	25,769	25,308
38	49	96 283	54 681,345	1 378 252,932	25,205	24,744
39	50	96 012	53 721,653	1 323 571,587	24,638	24,177
40	51	95 727	52 770,801	1 269 849,934	24,063	23,603
41	52	95 404	51 815,322	1 217 079,133	23,489	23,028
42	53	95 054	50 862,551	1 165 263,811	22,910	22,449
43	54	94 674	49 910,207	1 114 401,260	22,328	21,867
44	55	94 255	48 955,078	1 064 491,053	21,744	21,283
45	56	93 780	47 988,632	1 015 535,974	21,162	20,701
46	57	93 262	47 018,049	967 547,342	20,578	20,117
47	58	92 693	46 040,873	920 529,293	19,994	19,533
48	59	92 071	45 056,232	874 488,420	19,409	18,948
49	60	91 395	44 064,136	829 432,187	18,823	18,362
50	61	90 642	43 055,586	785 368,052	18,241	17,780
51	62	89 827	42 037,897	742 312,466	17,658	17,197
52	63	88 946	41 010,196	700 274,569	17,076	16,615
53	64	87 980	39 965,277	659 264,373	16,496	16,035
54	65	86 912	38 896,847	619 299,096	15,922	15,461
55	66	85 761	37 814,468	580 402,249	15,349	14,888
56	67	84 507	36 710,848	542 587,782	14,780	14,319
57	68	83 154	35 589,373	505 876,933	14,214	13,753
58	69	81 681	34 442,053	470 287,561	13,654	13,194
59	70	80 078	33 267,399	435 845,507	13,101	12,640
60	71	78 363	32 073,597	402 578,108	12,552	12,091
61	72	76 529	30 860,225	370 504,511	12,006	11,545
62	73	74 580	29 629,626	339 644,286	11,463	11,002
63	74	72 479	28 369,670	310 014,660	10,928	10,467
64	75	70 262	27 095,417	281 644,990	10,395	9,934
65	76	67 929	25 808,459	254 549,573	9,863	9,402
66	77	65 439	24 495,038	228 741,114	9,338	8,877
67	78	62 821	23 167,544	204 246,076	8,816	8,355
68	79	59 997	21 799,169	181 078,532	8,307	7,846
69	80	56 998	20 403,333	159 279,363	7,807	7,346
70	81	53 761	18 960,193	138 876,030	7,325	6,864
71	82	50 319	17 484,009	119 915,837	6,859	6,398
72	83	46 655	15 971,570	102 431,828	6,413	5,953
73	84	42 857	14 454,500	86 460,258	5,982	5,521
74	85	38 913	12 930,210	72 005,758	5,569	5,108
75	86	34 833	11 403,509	59 075,548	5,180	4,720
76	87	30 727	9 910,710	47 672,039	4,810	4,349
77	88	26 628	8 461,666	37 761,329	4,463	4,002
78	89	22 627	7 084,038	29 299,664	4,136	3,675
79	90	18 801	5 799,152	22 215,626	3,831	3,370
80	91	15 219	4 625,033	16 416,473	3,549	3,089
81	92	11 953	3 578,823	11 791,441	3,295	2,834
82	93	9 085	2 679,944	8 212,617	3,064	2,604
83	94	6 665	1 936,830	5 532,673	2,857	2,396
84	95	4 713	1 349,333	3 595,842	2,665	2,204
85	96	3 197	901,970	2 246,509	2,491	2,030
86	97	2 045	568,347	1 344,539	2,366	1,905
87	98	1 265	346,311	776,192	2,241	1,781
88	99	754	203,400	429,881	2,113	1,653
89	100	426	113,110	226,482	2,002	1,542

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 594	99 593,669	4 234 953,577	42,522	42,062
1	13	99 231	97 764,628	4 135 359,908	42,299	41,838
2	14	99 194	96 284,134	4 037 595,280	41,934	41,473
3	15	99 170	94 837,662	3 941 311,146	41,559	41,098
4	16	99 147	93 414,574	3 846 473,485	41,176	40,716
5	17	99 122	92 010,708	3 753 058,911	40,789	40,329
6	18	99 098	90 629,495	3 661 048,203	40,396	39,935
7	19	99 070	89 264,436	3 570 418,707	39,998	39,537
8	20	99 044	87 922,311	3 481 154,271	39,594	39,133
9	21	99 017	86 599,545	3 393 231,960	39,183	38,722
10	22	98 993	85 298,855	3 306 632,415	38,765	38,304
11	23	98 969	84 017,941	3 221 333,560	38,341	37,880
12	24	98 943	82 754,994	3 137 315,619	37,911	37,450
13	25	98 919	81 511,732	3 054 560,625	37,474	37,013
14	26	98 890	80 284,150	2 973 048,894	37,032	36,571
15	27	98 858	79 072,070	2 892 764,744	36,584	36,123
16	28	98 821	77 874,302	2 813 692,675	36,131	35,670
17	29	98 774	76 686,388	2 735 818,373	35,675	35,215
18	30	98 721	75 512,788	2 659 131,984	35,214	34,754
19	31	98 652	74 344,744	2 583 619,196	34,752	34,291
20	32	98 582	73 193,936	2 509 274,452	34,283	33,822
21	33	98 505	72 056,414	2 436 080,516	33,808	33,347
22	34	98 430	70 937,201	2 364 024,102	33,326	32,865
23	35	98 345	69 828,800	2 293 086,901	32,839	32,378
24	36	98 264	68 740,331	2 223 258,101	32,343	31,882
25	37	98 173	67 661,267	2 154 517,770	31,843	31,382
26	38	98 083	66 600,527	2 086 856,502	31,334	30,873
27	39	97 979	65 546,609	2 020 255,975	30,822	30,361
28	40	97 875	64 509,313	1 954 709,366	30,301	29,840
29	41	97 760	63 481,599	1 890 200,053	29,776	29,315
30	42	97 637	62 464,547	1 826 718,453	29,244	28,783
31	43	97 505	61 458,055	1 764 253,906	28,707	28,246
32	44	97 356	60 457,568	1 702 795,851	28,165	27,704
33	45	97 200	59 468,568	1 642 338,283	27,617	27,156
34	46	97 017	58 479,393	1 582 869,715	27,067	26,606
35	47	96 824	57 500,735	1 524 390,322	26,511	26,050
36	48	96 614	56 527,956	1 466 889,587	25,950	25,489
37	49	96 377	55 556,001	1 410 361,632	25,386	24,926
38	50	96 115	54 585,758	1 354 805,631	24,820	24,359
39	51	95 834	53 622,096	1 300 219,873	24,248	23,787
40	52	95 522	52 657,729	1 246 597,777	23,674	23,213
41	53	95 181	51 694,439	1 193 940,048	23,096	22,635
42	54	94 810	50 731,953	1 142 245,609	22,515	22,055
43	55	94 400	49 766,032	1 091 513,656	21,933	21,472
44	56	93 949	48 796,197	1 041 747,625	21,349	20,888
45	57	93 445	47 816,979	992 951,428	20,766	20,305
46	58	92 896	46 833,544	945 134,449	20,181	19,720
47	59	92 290	45 840,622	898 300,905	19,596	19,135
48	60	91 638	44 844,182	852 460,282	19,009	18,549
49	61	90 913	43 831,655	807 616,100	18,425	17,965
50	62	90 127	42 810,777	763 784,446	17,841	17,380
51	63	89 276	41 780,018	720 973,668	17,256	16,796
52	64	88 346	40 733,422	679 193,651	16,674	16,213
53	65	87 322	39 666,630	638 460,229	16,096	15,635
54	66	86 219	38 586,822	598 793,599	15,518	15,057
55	67	85 010	37 483,133	560 206,777	14,946	14,485
56	68	83 706	36 362,748	522 723,644	14,375	13,914
57	69	82 284	35 216,906	486 360,896	13,810	13,350
58	70	80 737	34 044,089	451 143,990	13,252	12,791
59	71	79 070	32 848,270	417 099,901	12,698	12,237
60	72	77 289	31 634,132	384 251,631	12,147	11,686
61	73	75 396	30 403,075	352 617,499	11,598	11,137
62	74	73 355	29 143,221	322 214,424	11,056	10,595
63	75	71 186	27 863,465	293 071,203	10,518	10,057
64	76	68 911	26 574,335	265 207,739	9,980	9,519
65	77	66 464	25 251,876	238 633,403	9,450	8,989
66	78	63 882	23 912,142	213 381,528	8,924	8,463
67	79	61 097	22 531,641	189 469,386	8,409	7,948
68	80	58 112	21 114,359	166 937,745	7,906	7,446
69	81	54 920	19 659,397	145 823,386	7,417	6,957
70	82	51 467	18 151,089	126 163,988	6,951	6,490
71	83	47 834	16 620,667	108 012,900	6,499	6,038
72	84	44 010	15 065,799	91 392,233	6,066	5,605
73	85	40 065	13 512,599	76 326,434	5,649	5,188
74	86	35 951	11 945,902	62 813,834	5,258	4,797
75	87	31 796	10 409,351	50 867,932	4,887	4,426
76	88	27 656	8 920,179	40 458,581	4,536	4,075
77	89	23 587	7 495,327	31 538,402	4,208	3,747
78	90	19 697	6 166,528	24 043,076	3,899	3,438
79	91	16 028	4 943,916	17 876,548	3,616	3,155
80	92	12 668	3 849,718	12 932,632	3,359	2,899
81	93	9 712	2 907,788	9 082,914	3,124	2,663
82	94	7 187	2 119,905	6 175,127	2,913	2,452
83	95	5 131	1 491,039	4 055,222	2,720	2,259
84	96	3 521	1 008,253	2 564,182	2,543	2,082
85	97	2 284	644,320	1 555,930	2,415	1,954
86	98	1 434	398,401	911,610	2,288	1,827
87	99	869	237,875	513,209	2,157	1,697
88	100	500	134,861	275,334	2,042	1,581

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 586	99 585,848	4 209 349,781	42,269	41,808
1	14	99 222	97 755,417	4 109 763,932	42,041	41,580
2	15	99 185	96 275,256	4 012 008,515	41,672	41,211
3	16	99 158	94 826,123	3 915 733,259	41,294	40,833
4	17	99 132	93 400,819	3 820 907,136	40,909	40,448
5	18	99 108	91 998,180	3 727 506,317	40,517	40,056
6	19	99 079	90 611,640	3 635 508,137	40,122	39,661
7	20	99 052	89 248,833	3 544 896,497	39,719	39,258
8	21	99 026	87 906,056	3 455 647,664	39,311	38,850
9	22	99 001	86 585,265	3 367 741,608	38,895	38,434
10	23	98 977	85 284,967	3 281 156,343	38,473	38,012
11	24	98 951	84 002,820	3 195 871,375	38,045	37,584
12	25	98 926	82 740,103	3 111 868,555	37,610	37,149
13	26	98 900	81 496,226	3 029 128,451	37,169	36,708
14	27	98 872	80 269,040	2 947 632,225	36,722	36,261
15	28	98 837	79 055,055	2 867 363,185	36,270	35,810
16	29	98 798	77 855,951	2 788 308,130	35,814	35,353
17	30	98 748	76 666,544	2 710 452,179	35,354	34,893
18	31	98 690	75 488,841	2 633 785,635	34,890	34,429
19	32	98 621	74 321,400	2 558 296,794	34,422	33,961
20	33	98 548	73 168,857	2 483 975,394	33,949	33,488
21	34	98 470	72 030,450	2 410 806,537	33,469	33,008
22	35	98 390	70 908,401	2 338 776,087	32,983	32,522
23	36	98 305	69 800,022	2 267 867,686	32,491	32,030
24	37	98 219	68 708,814	2 198 067,664	31,991	31,530
25	38	98 126	67 629,151	2 129 358,850	31,486	31,025
26	39	98 024	66 560,350	2 061 729,699	30,975	30,515
27	40	97 920	65 507,206	1 995 169,349	30,457	29,996
28	41	97 808	64 465,079	1 929 662,143	29,933	29,473
29	42	97 688	63 434,606	1 865 197,063	29,403	28,943
30	43	97 560	62 414,966	1 801 762,457	28,867	28,407
31	44	97 416	61 402,247	1 739 347,491	28,327	27,866
32	45	97 262	60 398,889	1 677 945,244	27,781	27,320
33	46	97 088	59 400,046	1 617 546,355	27,231	26,771
34	47	96 899	58 408,194	1 558 146,309	26,677	26,216
35	48	96 692	57 421,942	1 499 738,116	26,118	25,657
36	49	96 460	56 437,847	1 442 316,174	25,556	25,095
37	50	96 209	55 458,885	1 385 878,327	24,989	24,528
38	51	95 936	54 484,600	1 330 419,442	24,418	23,957
39	52	95 629	53 507,200	1 275 934,842	23,846	23,385
40	53	95 299	52 534,880	1 222 427,642	23,269	22,808
41	54	94 937	51 561,705	1 169 892,762	22,689	22,228
42	55	94 536	50 585,403	1 118 331,057	22,108	21,647
43	56	94 094	49 604,518	1 067 745,654	21,525	21,064
44	57	93 613	48 621,655	1 018 141,135	20,940	20,479
45	58	93 078	47 629,339	969 519,480	20,356	19,895
46	59	92 492	46 629,846	921 890,142	19,770	19,310
47	60	91 856	45 624,880	875 260,296	19,184	18,723
48	61	91 155	44 607,586	829 635,416	18,599	18,138
49	62	90 396	43 582,433	785 027,830	18,012	17,552
50	63	89 574	42 548,157	741 445,397	17,426	16,965
51	64	88 674	41 498,049	698 897,240	16,842	16,381
52	65	87 685	40 429,035	657 399,191	16,261	15,800
53	66	86 626	39 350,469	616 970,157	15,679	15,218
54	67	85 464	38 248,720	577 619,688	15,102	14,641
55	68	84 204	37 127,710	539 370,968	14,527	14,067
56	69	82 830	35 982,188	502 243,258	13,958	13,497
57	70	81 333	34 809,989	466 261,070	13,394	12,934
58	71	79 720	33 615,175	431 451,082	12,835	12,374
59	72	77 986	32 398,191	397 835,907	12,280	11,819
60	73	76 144	31 165,517	365 437,716	11,726	11,265
61	74	74 158	29 903,973	334 272,200	11,178	10,717
62	75	72 047	28 623,213	304 368,227	10,634	10,173
63	76	69 817	27 327,612	275 745,014	10,090	9,630
64	77	67 425	26 001,235	248 417,402	9,554	9,093
65	78	64 882	24 650,970	222 416,167	9,023	8,562
66	79	62 128	23 255,801	197 765,197	8,504	8,043
67	80	59 177	21 823,821	174 509,396	7,996	7,535
68	81	55 994	20 344,498	152 685,575	7,505	7,044
69	82	52 576	18 820,455	132 341,077	7,032	6,571
70	83	48 925	17 254,807	113 520,622	6,579	6,118
71	84	45 121	15 678,085	96 265,815	6,140	5,679
72	85	41 142	14 084,064	80 587,730	5,722	5,261
73	86	37 015	12 483,957	66 503,666	5,327	4,866
74	87	32 816	10 904,458	54 019,709	4,954	4,493
75	88	28 618	9 368,983	43 115,250	4,602	4,141
76	89	24 498	7 901,477	33 746,267	4,271	3,810
77	90	20 532	6 524,547	25 844,790	3,961	3,500
78	91	16 792	5 257,113	19 320,243	3,675	3,214
79	92	13 341	4 115,145	14 063,130	3,417	2,957
80	93	10 293	3 127,889	9 947,985	3,180	2,720
81	94	7 683	2 300,135	6 820,097	2,965	2,504
82	95	5 533	1 631,977	4 519,962	2,770	2,309
83	96	3 834	1 114,139	2 887,985	2,592	2,131
84	97	2 516	720,242	1 773,846	2,463	2,002
85	98	1 601	451,656	1 053,604	2,333	1,872
86	99	985	273,654	601,948	2,200	1,739
87	100	576	157,719	328,294	2,082	1,621

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	14	99 576	99 576,466	4 182 710,795	42,005	41,544
1	15	99 213	97 746,403	4 083 134,329	41,773	41,312
2	16	99 173	96 263,542	3 985 387,926	41,401	40,940
3	17	99 143	94 812,160	3 889 124,383	41,019	40,558
4	18	99 119	93 388,101	3 794 312,223	40,630	40,169
5	19	99 089	91 980,054	3 700 924,122	40,236	39,775
6	20	99 061	90 595,802	3 608 944,067	39,836	39,375
7	21	99 034	89 232,333	3 518 348,266	39,429	38,968
8	22	99 009	87 891,561	3 429 115,932	39,015	38,555
9	23	98 985	86 571,169	3 341 224,372	38,595	38,134
10	24	98 959	85 269,619	3 254 653,203	38,169	37,708
11	25	98 933	83 987,705	3 169 383,584	37,736	37,275
12	26	98 907	82 724,364	3 085 395,879	37,297	36,837
13	27	98 881	81 480,889	3 002 671,515	36,851	36,390
14	28	98 851	80 251,768	2 921 190,626	36,400	35,940
15	29	98 814	79 036,426	2 840 938,858	35,945	35,484
16	30	98 773	77 835,805	2 761 902,432	35,484	35,023
17	31	98 717	76 642,231	2 684 066,628	35,021	34,560
18	32	98 659	75 465,138	2 607 424,397	34,551	34,091
19	33	98 587	74 295,935	2 531 959,259	34,079	33,619
20	34	98 512	73 142,492	2 457 663,324	33,601	33,140
21	35	98 430	72 001,206	2 384 520,832	33,118	32,657
22	36	98 349	70 879,177	2 312 519,626	32,626	32,165
23	37	98 260	69 768,019	2 241 640,448	32,130	31,669
24	38	98 173	68 676,200	2 171 872,430	31,625	31,164
25	39	98 067	67 588,354	2 103 196,230	31,118	30,657
26	40	97 965	66 520,338	2 035 607,876	30,601	30,140
27	41	97 853	65 462,288	1 969 087,538	30,080	29,619
28	42	97 735	64 417,358	1 903 625,250	29,551	29,091
29	43	97 611	63 384,254	1 839 207,892	29,017	28,556
30	44	97 471	62 358,289	1 775 823,637	28,478	28,017
31	45	97 322	61 342,652	1 713 465,348	27,933	27,472
32	46	97 150	60 329,295	1 652 122,697	27,385	26,924
33	47	96 970	59 327,725	1 591 793,401	26,831	26,370
34	48	96 766	58 328,157	1 532 465,676	26,273	25,812
35	49	96 538	57 330,408	1 474 137,519	25,713	25,252
36	50	96 292	56 339,190	1 416 807,111	25,148	24,687
37	51	96 030	55 356,108	1 360 467,921	24,577	24,116
38	52	95 731	54 367,856	1 305 111,813	24,005	23,544
39	53	95 406	53 382,370	1 250 743,957	23,430	22,969
40	54	95 055	52 399,988	1 197 361,587	22,850	22,390
41	55	94 663	51 412,758	1 144 961,600	22,270	21,809
42	56	94 230	50 421,231	1 093 548,841	21,688	21,227
43	57	93 757	49 427,085	1 043 127,610	21,104	20,644
44	58	93 246	48 430,857	993 700,525	20,518	20,057
45	59	92 673	47 422,179	945 269,668	19,933	19,472
46	60	92 056	46 410,389	897 847,489	19,346	18,885
47	61	91 371	45 384,165	851 437,100	18,761	18,300
48	62	90 636	44 353,952	806 052,935	18,173	17,712
49	63	89 841	43 315,079	761 698,982	17,585	17,124
50	64	88 970	42 261,004	718 383,903	16,999	16,538
51	65	88 011	41 187,947	676 122,899	16,416	15,955
52	66	86 987	40 106,797	634 934,952	15,831	15,370
53	67	85 867	39 005,676	594 828,154	15,250	14,789
54	68	84 654	37 886,037	555 822,479	14,671	14,210
55	69	83 322	36 739,143	517 936,441	14,098	13,637
56	70	81 873	35 566,428	481 197,298	13,530	13,069
57	71	80 309	34 371,425	445 630,870	12,965	12,504
58	72	78 627	33 154,587	411 259,445	12,404	11,944
59	73	76 831	31 918,257	378 104,858	11,846	11,385
60	74	74 894	30 653,898	346 186,601	11,293	10,833
61	75	72 835	29 370,391	315 532,703	10,743	10,282
62	76	70 661	28 072,750	286 162,312	10,194	9,733
63	77	68 312	26 738,266	258 089,562	9,652	9,192
64	78	65 820	25 382,497	231 351,296	9,115	8,654
65	79	63 101	23 974,349	205 968,799	8,591	8,130
66	80	60 177	22 525,232	181 994,450	8,080	7,619
67	81	57 020	21 028,092	159 469,217	7,584	7,123
68	82	53 604	19 476,320	138 441,125	7,108	6,647
69	83	49 980	17 891,121	118 964,805	6,649	6,189
70	84	46 151	16 276,262	101 073,685	6,210	5,749
71	85	42 181	14 656,452	84 797,423	5,786	5,325
72	86	38 010	13 011,920	70 140,972	5,391	4,930
73	87	33 788	11 395,606	57 129,052	5,013	4,552
74	88	29 537	9 814,607	45 733,446	4,660	4,199
75	89	25 350	8 299,027	35 918,839	4,328	3,867
76	90	21 325	6 878,094	27 619,812	4,016	3,555
77	91	17 504	5 562,332	20 741,719	3,729	3,268
78	92	13 977	4 375,839	15 179,386	3,469	3,008
79	93	10 840	3 343,548	10 803,547	3,231	2,770
80	94	8 142	2 474,241	7 459,999	3,015	2,554
81	95	5 914	1 770,724	4 985,759	2,816	2,355
82	96	4 134	1 219,450	3 215,035	2,636	2,176
83	97	2 739	795,882	1 995,584	2,507	2,047
84	98	1 763	504,877	1 199,702	2,376	1,915
85	99	1 100	310,234	694,826	2,240	1,779
86	100	653	181,442	384,591	2,120	1,659

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 567	99 567,285	4 155 048,949	41,731	41,270
1	16	99 201	97 734,511	4 055 481,665	41,495	41,034
2	17	99 159	96 249,368	3 957 747,154	41,120	40,659
3	18	99 130	94 799,250	3 861 497,786	40,733	40,273
4	19	99 099	93 369,702	3 766 698,536	40,342	39,881
5	20	99 071	91 963,977	3 673 328,833	39,943	39,482
6	21	99 043	90 579,053	3 581 364,856	39,539	39,078
7	22	99 018	89 217,619	3 490 785,803	39,127	38,666
8	23	98 993	87 877,251	3 401 568,184	38,708	38,247
9	24	98 967	86 555,589	3 313 690,933	38,284	37,823
10	25	98 941	85 254,276	3 227 135,345	37,853	37,392
11	26	98 914	83 971,729	3 141 881,069	37,416	36,955
12	27	98 888	82 708,796	3 057 909,340	36,972	36,511
13	28	98 860	81 463,355	2 975 200,544	36,522	36,061
14	29	98 827	80 232,857	2 893 737,189	36,067	35,606
15	30	98 788	79 015,974	2 813 504,332	35,607	35,146
16	31	98 741	77 811,121	2 734 488,358	35,143	34,682
17	32	98 686	76 618,166	2 656 677,237	34,674	34,213
18	33	98 625	75 439,281	2 580 059,072	34,200	33,740
19	34	98 552	74 269,164	2 504 619,791	33,724	33,263
20	35	98 472	73 112,797	2 430 350,627	33,241	32,780
21	36	98 389	71 971,532	2 357 237,830	32,752	32,292
22	37	98 304	70 846,679	2 285 266,298	32,257	31,796
23	38	98 213	69 734,902	2 214 419,619	31,755	31,294
24	39	98 114	68 634,771	2 144 684,717	31,248	30,787
25	40	98 008	67 547,723	2 076 049,946	30,735	30,274
26	41	97 898	66 474,725	2 008 502,222	30,215	29,754
27	42	97 781	65 413,829	1 942 027,497	29,688	29,228
28	43	97 658	64 366,227	1 876 613,668	29,155	28,694
29	44	97 522	63 326,697	1 812 247,442	28,617	28,157
30	45	97 376	62 297,765	1 748 920,744	28,074	27,613
31	46	97 210	61 271,971	1 686 622,979	27,527	27,066
32	47	97 031	60 255,844	1 625 351,008	26,974	26,513
33	48	96 837	59 246,428	1 565 095,165	26,417	25,956
34	49	96 612	58 235,179	1 505 848,736	25,858	25,397
35	50	96 369	57 230,191	1 447 613,558	25,295	24,834
36	51	96 113	56 234,782	1 390 383,367	24,725	24,264
37	52	95 825	55 237,497	1 334 148,585	24,153	23,692
38	53	95 507	54 241,017	1 278 911,088	23,578	23,118
39	54	95 161	53 245,301	1 224 670,071	23,001	22,540
40	55	94 780	52 248,620	1 171 424,770	22,420	21,959
41	56	94 355	51 245,901	1 119 176,149	21,839	21,379
42	57	93 893	50 240,876	1 067 930,248	21,256	20,795
43	58	93 389	49 233,127	1 017 689,372	20,671	20,210
44	59	92 840	48 220,212	968 456,245	20,084	19,623
45	60	92 237	47 198,994	920 236,034	19,497	19,036
46	61	91 571	46 165,529	873 037,040	18,911	18,450
47	62	90 851	45 126,116	826 871,511	18,324	17,863
48	63	90 080	44 081,865	781 745,395	17,734	17,273
49	64	89 235	43 022,750	737 663,529	17,146	16,685
50	65	88 305	41 945,201	694 640,779	16,561	16,100
51	66	87 310	40 859,661	652 695,578	15,974	15,513
52	67	86 224	39 755,377	611 835,916	15,390	14,929
53	68	85 053	38 635,816	572 080,539	14,807	14,346
54	69	83 768	37 489,535	533 444,724	14,229	13,768
55	70	82 360	36 314,637	495 955,189	13,657	13,196
56	71	80 841	35 118,334	459 640,552	13,088	12,628
57	72	79 208	33 900,475	424 522,218	12,523	12,062
58	73	77 463	32 663,449	390 621,743	11,959	11,498
59	74	75 570	31 394,282	357 958,294	11,402	10,941
60	75	73 558	30 106,936	326 564,013	10,847	10,386
61	76	71 434	28 805,558	296 457,077	10,292	9,831
62	77	69 137	27 467,334	267 651,519	9,744	9,284
63	78	66 686	26 101,990	240 184,185	9,202	8,741
64	79	64 014	24 685,797	214 082,195	8,672	8,211
65	80	61 119	23 221,208	189 396,398	8,156	7,695
66	81	57 983	21 703,929	166 175,190	7,656	7,196
67	82	54 586	20 130,742	144 471,261	7,177	6,716
68	83	50 957	18 514,600	124 340,519	6,716	6,255
69	84	47 145	16 876,489	105 825,919	6,271	5,810
70	85	43 143	15 215,649	88 949,430	5,846	5,385
71	86	38 970	13 540,734	73 733,781	5,445	4,985
72	87	34 696	11 877,541	60 193,047	5,068	4,607
73	88	30 411	10 256,666	48 315,506	4,711	4,250
74	89	26 163	8 693,759	38 058,840	4,378	3,917
75	90	22 067	7 224,154	29 365,080	4,065	3,604
76	91	18 180	5 863,739	22 140,926	3,776	3,315
77	92	14 570	4 629,894	16 277,187	3,516	3,055
78	93	11 356	3 555,361	11 647,293	3,276	2,815
79	94	8 575	2 644,832	8 091,932	3,060	2,599
80	95	6 268	1 904,756	5 447,100	2,860	2,399
81	96	4 419	1 323,126	3 542,343	2,677	2,216
82	97	2 953	871,111	2 219,218	2,548	2,087
83	98	1 920	557,898	1 348,107	2,416	1,956
84	99	1 211	346,791	790,208	2,279	1,818
85	100	729	205,696	443,418	2,156	1,695

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 555	99 555,170	4 126 375,063	41,448	40,987
1	17	99 186	97 720,120	4 026 819,893	41,208	40,747
2	18	99 145	96 236,262	3 929 099,773	40,828	40,367
3	19	99 110	94 780,573	3 832 863,511	40,439	39,979
4	20	99 082	93 353,382	3 738 082,937	40,042	39,581
5	21	99 053	91 946,975	3 644 729,555	39,639	39,179
6	22	99 027	90 564,116	3 552 782,580	39,229	38,769
7	23	99 002	89 203,094	3 462 218,464	38,813	38,352
8	24	98 975	87 861,436	3 373 015,370	38,390	37,929
9	25	98 949	86 540,014	3 285 153,934	37,961	37,500
10	26	98 922	85 238,058	3 198 613,920	37,526	37,065
11	27	98 896	83 955,925	3 113 375,861	37,083	36,623
12	28	98 867	82 690,998	3 029 419,936	36,635	36,175
13	29	98 837	81 444,159	2 946 728,938	36,181	35,720
14	30	98 802	80 212,095	2 865 284,779	35,721	35,261
15	31	98 757	78 990,915	2 785 072,683	35,258	34,797
16	32	98 710	77 786,688	2 706 081,768	34,788	34,328
17	33	98 652	76 591,914	2 628 295,080	34,316	33,855
18	34	98 589	75 412,098	2 551 703,166	33,837	33,376
19	35	98 512	74 239,011	2 476 291,068	33,356	32,895
20	36	98 432	73 082,665	2 402 052,057	32,868	32,407
21	37	98 344	71 938,533	2 328 969,392	32,374	31,914
22	38	98 258	70 813,051	2 257 030,859	31,873	31,412
23	39	98 154	69 692,835	2 186 217,808	31,369	30,909
24	40	98 055	68 593,511	2 116 524,974	30,856	30,395
25	41	97 941	67 501,406	2 047 931,462	30,339	29,878
26	42	97 825	66 425,517	1 980 430,056	29,814	29,353
27	43	97 703	65 361,906	1 914 004,539	29,283	28,822
28	44	97 569	64 307,778	1 848 642,633	28,747	28,286
29	45	97 427	63 265,234	1 784 334,855	28,204	27,743
30	46	97 264	62 225,983	1 721 069,622	27,658	27,198
31	47	97 091	61 197,371	1 658 843,638	27,106	26,646
32	48	96 898	60 173,275	1 597 646,267	26,551	26,090
33	49	96 683	59 151,987	1 537 472,992	25,992	25,531
34	50	96 443	58 133,379	1 478 321,005	25,430	24,969
35	51	96 190	57 124,132	1 420 187,626	24,861	24,401
36	52	95 907	56 114,288	1 363 063,494	24,291	23,830
37	53	95 601	55 108,630	1 306 949,206	23,716	23,255
38	54	95 262	54 101,744	1 251 840,577	23,139	22,678
39	55	94 886	53 091,492	1 197 738,833	22,560	22,099
40	56	94 472	52 079,050	1 144 647,341	21,979	21,518
41	57	94 018	51 062,596	1 092 568,291	21,397	20,936
42	58	93 524	50 043,724	1 041 505,694	20,812	20,351
43	59	92 983	49 018,992	991 461,970	20,226	19,765
44	60	92 403	47 993,270	942 442,978	19,637	19,176
45	61	91 750	46 949,973	894 449,708	19,051	18,590
46	62	91 050	45 903,038	847 499,735	18,463	18,002
47	63	90 294	44 849,293	801 596,697	17,873	17,412
48	64	89 472	43 784,362	756 747,405	17,284	16,823
49	65	88 568	42 701,256	712 963,043	16,697	16,236
50	66	87 601	41 610,880	670 261,787	16,108	15,647
51	67	86 545	40 501,644	628 650,908	15,522	15,061
52	68	85 407	39 378,408	588 149,264	14,936	14,475
53	69	84 163	38 231,466	548 770,856	14,354	13,893
54	70	82 800	37 056,358	510 539,390	13,777	13,317
55	71	81 322	35 857,117	473 483,032	13,205	12,744
56	72	79 733	34 637,150	437 625,915	12,635	12,174
57	73	78 035	33 398,288	402 988,765	12,066	11,605
58	74	76 191	32 127,240	369 590,478	11,504	11,043
59	75	74 221	30 834,108	337 463,238	10,944	10,484
60	76	72 143	29 527,938	306 629,129	10,384	9,924
61	77	69 893	28 184,339	277 101,192	9,832	9,371
62	78	67 492	26 813,708	248 916,852	9,283	8,822
63	79	64 856	25 385,542	222 103,144	8,749	8,288
64	80	62 003	23 910,306	196 717,602	8,227	7,767
65	81	58 891	22 374,528	172 807,296	7,723	7,263
66	82	55 508	20 777,738	150 432,768	7,240	6,779
67	83	51 891	19 136,707	129 655,030	6,775	6,314
68	84	48 067	17 464,610	110 518,323	6,328	5,867
69	85	44 073	15 776,764	93 053,713	5,898	5,437
70	86	39 859	14 057,363	77 276,949	5,497	5,036
71	87	35 573	12 360,253	63 219,586	5,115	4,654
72	88	31 228	10 690,434	50 859,333	4,757	4,297
73	89	26 938	9 085,335	40 168,899	4,421	3,960
74	90	22 775	7 567,761	31 083,564	4,107	3,647
75	91	18 813	6 158,764	23 515,803	3,818	3,357
76	92	15 132	4 880,774	17 357,039	3,556	3,095
77	93	11 838	3 761,780	12 476,265	3,317	2,856
78	94	8 983	2 812,382	8 714,484	3,099	2,638
79	95	6 601	2 036,084	5 902,102	2,899	2,438
80	96	4 684	1 423,278	3 866,018	2,716	2,255
81	97	3 157	945,171	2 442,740	2,584	2,124
82	98	2 070	610,633	1 497,569	2,452	1,992
83	99	1 319	383,210	886,937	2,314	1,854
84	100	803	229,934	503,726	2,191	1,730

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 541	99 540,511	4 096 703,100	41,156	40,695
1	18	99 172	97 706,814	3 997 162,588	40,910	40,449
2	19	99 125	96 217,302	3 899 455,775	40,528	40,067
3	20	99 093	94 764,007	3 803 238,472	40,134	39,673
4	21	99 064	93 336,123	3 708 474,466	39,732	39,272
5	22	99 037	91 931,813	3 615 138,343	39,324	38,863
6	23	99 011	90 549,372	3 523 206,529	38,909	38,448
7	24	98 984	89 187,040	3 432 657,158	38,488	38,027
8	25	98 957	87 845,627	3 343 470,118	38,061	37,600
9	26	98 930	86 523,552	3 255 624,491	37,627	37,166
10	27	98 904	85 222,017	3 169 100,938	37,186	36,726
11	28	98 875	83 937,860	3 083 878,921	36,740	36,279
12	29	98 844	82 671,513	2 999 941,062	36,287	35,827
13	30	98 811	81 423,084	2 917 269,549	35,829	35,368
14	31	98 770	80 186,658	2 835 846,465	35,366	34,905
15	32	98 726	78 966,112	2 755 659,808	34,897	34,436
16	33	98 676	77 760,036	2 676 693,695	34,422	33,962
17	34	98 616	76 564,315	2 598 933,659	33,944	33,484
18	35	98 549	75 381,481	2 522 369,344	33,461	33,001
19	36	98 471	74 208,415	2 446 987,863	32,975	32,514
20	37	98 387	73 049,156	2 372 779,448	32,482	32,021
21	38	98 297	71 904,387	2 299 730,292	31,983	31,522
22	39	98 198	70 770,333	2 227 825,905	31,480	31,019
23	40	98 095	69 650,939	2 157 055,572	30,970	30,509
24	41	97 987	68 546,477	2 087 404,633	30,452	29,992
25	42	97 868	67 451,438	2 018 858,156	29,931	29,470
26	43	97 748	66 372,791	1 951 406,719	29,401	28,940
27	44	97 614	65 302,553	1 885 033,928	28,866	28,405
28	45	97 474	64 245,362	1 819 731,375	28,325	27,864
29	46	97 315	63 192,337	1 755 486,013	27,780	27,319
30	47	97 146	62 150,222	1 692 293,675	27,229	26,768
31	48	96 958	61 113,512	1 630 143,453	26,674	26,213
32	49	96 744	60 077,356	1 569 029,940	26,117	25,656
33	50	96 514	59 048,585	1 508 952,585	25,554	25,094
34	51	96 264	58 025,647	1 449 904,000	24,987	24,526
35	52	95 984	57 001,732	1 391 878,353	24,418	23,957
36	53	95 683	55 983,375	1 334 876,621	23,844	23,383
37	54	95 356	54 967,129	1 278 893,246	23,267	22,806
38	55	94 987	53 945,461	1 223 926,117	22,688	22,227
39	56	94 578	52 919,186	1 169 980,657	22,109	21,648
40	57	94 134	51 892,765	1 117 061,471	21,526	21,066
41	58	93 649	50 862,220	1 065 168,705	20,942	20,481
42	59	93 117	49 826,064	1 014 306,485	20,357	19,896
43	60	92 546	48 788,291	964 480,422	19,769	19,308
44	61	91 916	47 740,059	915 692,131	19,181	18,720
45	62	91 229	46 683,022	867 952,072	18,592	18,132
46	63	90 491	45 621,448	821 269,050	18,002	17,541
47	64	89 685	44 546,609	775 647,602	17,412	16,951
48	65	88 804	43 457,175	731 100,992	16,823	16,363
49	66	87 862	42 360,908	687 643,817	16,233	15,772
50	67	86 833	41 246,280	645 282,909	15,645	15,184
51	68	85 724	40 117,599	604 036,629	15,057	14,596
52	69	84 513	38 966,286	563 919,030	14,472	14,011
53	70	83 191	37 789,717	524 952,744	13,891	13,431
54	71	81 757	36 589,493	487 163,027	13,314	12,853
55	72	80 208	35 365,810	450 573,535	12,740	12,280
56	73	78 552	34 124,050	415 207,724	12,168	11,707
57	74	76 754	32 850,016	381 083,675	11,601	11,140
58	75	74 832	31 553,988	348 233,659	11,036	10,575
59	76	72 794	30 241,126	316 679,671	10,472	10,011
60	77	70 587	28 891,140	286 438,545	9,914	9,454
61	78	68 230	27 513,651	257 547,405	9,361	8,900
62	79	65 639	26 077,725	230 033,754	8,821	8,360
63	80	62 818	24 588,068	203 956,029	8,295	7,834
64	81	59 742	23 038,501	179 367,960	7,786	7,325
65	82	56 378	21 419,720	156 329,460	7,298	6,838
66	83	52 767	19 751,755	134 909,739	6,830	6,369
67	84	48 948	18 051,437	115 157,984	6,379	5,919
68	85	44 935	16 326,561	97 106,547	5,948	5,487
69	86	40 718	14 575,763	80 779,986	5,542	5,081
70	87	36 384	12 831,842	66 204,223	5,159	4,699
71	88	32 017	11 124,901	53 372,381	4,798	4,337
72	89	27 662	9 469,565	42 247,479	4,461	4,001
73	90	23 449	7 908,621	32 777,914	4,145	3,684
74	91	19 416	6 451,698	24 869,293	3,855	3,394
75	92	15 659	5 126,343	18 417,596	3,593	3,132
76	93	12 295	3 965,620	13 291,253	3,352	2,891
77	94	9 364	2 975,665	9 325,633	3,134	2,673
78	95	6 915	2 165,070	6 349,968	2,933	2,472
79	96	4 932	1 521,409	4 184,898	2,751	2,290
80	97	3 346	1 016,714	2 663,489	2,620	2,159
81	98	2 213	662,547	1 646,775	2,486	2,025
82	99	1 422	419,432	984,228	2,347	1,886
83	100	874	254,082	564,795	2,223	1,762

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 527	99 526,958	4 066 046,413	40,854	40,393
1	19	99 153	97 687,564	3 966 519,456	40,604	40,143
2	20	99 108	96 200,484	3 868 831,891	40,216	39,756
3	21	99 074	94 746,487	3 772 631,407	39,818	39,357
4	22	99 047	93 320,732	3 677 884,920	39,411	38,950
5	23	99 021	91 916,846	3 584 564,188	38,998	38,537
6	24	98 993	90 533,076	3 492 647,342	38,579	38,118
7	25	98 966	89 170,992	3 402 114,266	38,153	37,692
8	26	98 939	87 828,916	3 312 943,274	37,720	37,260
9	27	98 912	86 507,269	3 225 114,358	37,281	36,821
10	28	98 882	85 203,679	3 138 607,089	36,837	36,376
11	29	98 851	83 918,080	3 053 403,410	36,386	35,925
12	30	98 818	82 650,120	2 969 485,330	35,928	35,468
13	31	98 780	81 397,262	2 886 835,210	35,466	35,005
14	32	98 739	80 161,479	2 805 437,948	34,997	34,537
15	33	98 692	78 939,056	2 725 276,469	34,524	34,063
16	34	98 641	77 732,017	2 646 337,413	34,044	33,584
17	35	98 576	76 533,231	2 568 605,396	33,562	33,101
18	36	98 509	75 350,414	2 492 072,165	33,073	32,612
19	37	98 426	74 174,390	2 416 721,752	32,582	32,121
20	38	98 340	73 014,483	2 342 547,361	32,083	31,623
21	39	98 238	71 861,010	2 269 532,879	31,582	31,121
22	40	98 139	70 727,790	2 197 671,868	31,072	30,611
23	41	98 028	69 603,180	2 126 944,079	30,558	30,097
24	42	97 915	68 495,735	2 057 340,899	30,036	29,575
25	43	97 791	67 397,897	1 988 845,164	29,509	29,048
26	44	97 659	66 312,520	1 921 447,267	28,976	28,515
27	45	97 520	65 239,172	1 855 134,747	28,436	27,975
28	46	97 362	64 171,336	1 789 895,575	27,892	27,432
29	47	97 196	63 115,400	1 725 724,239	27,342	26,882
30	48	97 013	62 065,058	1 662 608,839	26,788	26,327
31	49	96 804	61 016,094	1 600 543,781	26,232	25,771
32	50	96 575	59 972,336	1 539 527,687	25,671	25,210
33	51	96 335	58 939,156	1 479 555,350	25,103	24,642
34	52	96 058	57 901,315	1 420 616,194	24,535	24,074
35	53	95 760	56 868,749	1 362 714,879	23,962	23,502
36	54	95 438	55 839,628	1 305 846,130	23,386	22,925
37	55	95 080	54 808,345	1 250 006,502	22,807	22,346
38	56	94 679	53 770,383	1 195 198,157	22,228	21,767
39	57	94 239	52 729,896	1 141 427,773	21,647	21,186
40	58	93 765	51 689,131	1 088 697,877	21,062	20,602
41	59	93 242	50 640,999	1 037 008,746	20,478	20,017
42	60	92 679	49 591,564	986 367,747	19,890	19,429
43	61	92 057	48 530,885	936 776,182	19,303	18,842
44	62	91 393	47 468,615	888 245,297	18,712	18,251
45	63	90 669	46 396,647	840 776,681	18,121	17,661
46	64	89 881	45 313,554	794 380,034	17,531	17,070
47	65	89 015	44 213,727	749 066,480	16,942	16,481
48	66	88 096	43 110,803	704 852,753	16,350	15,889
49	67	87 092	41 989,737	661 741,951	15,760	15,299
50	68	86 010	40 855,174	619 752,214	15,169	14,709
51	69	84 827	39 697,741	578 897,040	14,583	14,122
52	70	83 536	38 516,047	539 199,299	13,999	13,539
53	71	82 142	37 313,612	500 683,252	13,418	12,957
54	72	80 636	36 088,152	463 369,640	12,840	12,379
55	73	79 020	34 841,916	427 281,489	12,263	11,803
56	74	77 263	33 563,864	392 439,573	11,692	11,232
57	75	75 384	32 263,867	358 875,709	11,123	10,662
58	76	73 392	30 947,162	326 611,842	10,554	10,093
59	77	71 224	29 588,948	295 664,680	9,992	9,532
60	78	68 908	28 203,632	266 075,733	9,434	8,973
61	79	66 357	26 758,456	237 872,100	8,890	8,429
62	80	63 577	25 258,507	211 113,645	8,358	7,897
63	81	60 528	23 691,551	185 855,138	7,845	7,384
64	82	57 193	22 055,359	162 163,587	7,353	6,892
65	83	53 594	20 362,037	140 108,228	6,881	6,420
66	84	49 775	18 631,605	119 746,191	6,427	5,966
67	85	45 759	16 875,148	101 114,586	5,992	5,531
68	86	41 514	15 083,707	84 239,438	5,585	5,124
69	87	37 168	13 305,048	69 155,731	5,198	4,737
70	88	32 748	11 549,358	55 850,683	4,836	4,375
71	89	28 361	9 854,415	44 301,325	4,496	4,035
72	90	24 079	8 243,086	34 446,910	4,179	3,718
73	91	19 991	6 742,288	26 203,823	3,886	3,426
74	92	16 161	5 370,170	19 461,535	3,624	3,163
75	93	12 723	4 165,144	14 091,364	3,383	2,922
76	94	9 726	3 136,908	9 926,220	3,164	2,704
77	95	7 209	2 290,770	6 789,313	2,964	2,503
78	96	5 167	1 617,790	4 498,542	2,781	2,320
79	97	3 523	1 086,814	2 880,752	2,651	2,190
80	98	2 345	712,698	1 793,938	2,517	2,056
81	99	1 520	455,092	1 081,240	2,376	1,915
82	100	943	278,098	626,149	2,252	1,791

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 507	99 507,349	4 034 414,275	40,544	40,083
1	20	99 136	97 670,489	3 934 906,926	40,288	39,827
2	21	99 090	96 182,699	3 837 236,437	39,895	39,434
3	22	99 058	94 730,863	3 741 053,738	39,491	39,031
4	23	99 031	93 305,539	3 646 322,875	39,079	38,619
5	24	99 003	91 900,304	3 553 017,336	38,662	38,201
6	25	98 975	90 516,786	3 461 117,032	38,237	37,776
7	26	98 947	89 154,030	3 370 600,246	37,806	37,346
8	27	98 920	87 812,387	3 281 446,216	37,369	36,908
9	28	98 890	86 488,654	3 193 633,829	36,925	36,465
10	29	98 859	85 183,601	3 107 145,175	36,476	36,015
11	30	98 826	83 896,365	3 021 961,574	36,020	35,559
12	31	98 787	82 623,909	2 938 065,209	35,560	35,099
13	32	98 749	81 371,704	2 855 441,300	35,091	34,631
14	33	98 706	80 134,013	2 774 069,596	34,618	34,157
15	34	98 657	78 910,612	2 693 935,583	34,139	33,678
16	35	98 601	77 700,458	2 615 024,971	33,655	33,194
17	36	98 536	76 501,689	2 537 324,513	33,167	32,706
18	37	98 463	75 315,866	2 460 822,825	32,673	32,213
19	38	98 379	74 139,183	2 385 506,959	32,176	31,715
20	39	98 281	72 970,437	2 311 367,776	31,675	31,215
21	40	98 179	71 817,811	2 238 397,340	31,168	30,707
22	41	98 072	70 679,292	2 166 579,528	30,654	30,193
23	42	97 955	69 551,655	2 095 900,237	30,134	29,674
24	43	97 837	68 441,366	2 026 348,581	29,607	29,146
25	44	97 702	67 336,696	1 957 907,215	29,076	28,616
26	45	97 564	66 248,158	1 890 570,520	28,538	28,077
27	46	97 407	65 164,001	1 824 322,362	27,996	27,535
28	47	97 244	64 093,207	1 759 158,360	27,447	26,986
29	48	97 063	63 028,913	1 695 065,154	26,893	26,433
30	49	96 858	61 966,123	1 632 036,241	26,338	25,877
31	50	96 634	60 909,434	1 570 070,118	25,777	25,316
32	51	96 396	59 861,195	1 509 160,684	25,211	24,750
33	52	96 128	58 812,867	1 449 299,489	24,643	24,182
34	53	95 834	57 766,233	1 390 486,621	24,071	23,610
35	54	95 514	56 722,728	1 332 720,388	23,495	23,035
36	55	95 162	55 678,324	1 275 997,659	22,917	22,457
37	56	94 772	54 630,468	1 220 319,335	22,338	21,877
38	57	94 340	53 578,049	1 165 688,867	21,757	21,296
39	58	93 870	52 522,977	1 112 110,818	21,174	20,713
40	59	93 357	51 464,314	1 059 587,841	20,589	20,128
41	60	92 803	50 402,665	1 008 123,527	20,001	19,541
42	61	92 190	49 329,921	957 720,863	19,415	18,954
43	62	91 534	48 254,945	908 390,941	18,825	18,364
44	63	90 832	47 177,422	860 135,997	18,232	17,771
45	64	90 057	46 083,521	812 958,575	17,641	17,180
46	65	89 209	44 974,941	766 875,054	17,051	16,590
47	66	88 305	43 861,324	721 900,113	16,459	15,998
48	67	87 324	42 733,061	678 038,789	15,867	15,406
49	68	86 266	41 591,581	635 305,728	15,275	14,814
50	69	85 110	40 427,597	593 714,147	14,686	14,225
51	70	83 847	39 239,050	553 286,550	14,100	13,640
52	71	82 484	38 030,791	514 047,500	13,517	13,056
53	72	81 017	36 802,349	476 016,710	12,934	12,474
54	73	79 442	35 553,557	439 214,361	12,354	11,893
55	74	77 722	34 269,945	403 660,804	11,779	11,318
56	75	75 884	32 964,978	369 390,859	11,206	10,745
57	76	73 935	31 643,389	336 425,881	10,632	10,171
58	77	71 810	30 279,757	304 782,492	10,066	9,605
59	78	69 529	28 884,835	274 502,735	9,503	9,043
60	79	67 016	27 429,499	245 617,901	8,955	8,494
61	80	64 273	25 917,853	218 188,402	8,418	7,958
62	81	61 259	24 337,544	192 270,549	7,900	7,439
63	82	57 945	22 680,541	167 933,005	7,404	6,943
64	83	54 369	20 966,288	145 252,464	6,928	6,467
65	84	50 554	19 207,276	124 286,176	6,471	6,010
66	85	46 531	17 417,511	105 078,900	6,033	5,572
67	86	42 275	15 590,533	87 661,389	5,623	5,162
68	87	37 895	13 768,710	72 070,855	5,234	4,774
69	88	33 454	11 975,269	58 302,146	4,869	4,408
70	89	29 008	10 230,398	46 326,877	4,528	4,068
71	90	24 688	8 578,092	36 096,479	4,208	3,747
72	91	20 528	7 027,428	27 518,387	3,916	3,455
73	92	16 640	5 612,048	20 490,959	3,651	3,190
74	93	13 131	4 363,254	14 878,911	3,410	2,949
75	94	10 064	3 294,736	10 515,657	3,192	2,731
76	95	7 487	2 414,901	7 220,921	2,990	2,529
77	96	5 387	1 711,716	4 806,020	2,808	2,347
78	97	3 691	1 155,664	3 094,304	2,678	2,217
79	98	2 470	761,836	1 938,640	2,545	2,084
80	99	1 611	489,539	1 176,804	2,404	1,943
81	100	1 008	301,741	687,265	2,278	1,817

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 490	99 489,956	4 001 822,805	40,223	39,763
1	21	99 117	97 652,432	3 902 332,849	39,961	39,501
2	22	99 073	96 166,839	3 804 680,417	39,563	39,103
3	23	99 042	94 715,440	3 708 513,578	39,154	38,693
4	24	99 013	93 288,747	3 613 798,138	38,738	38,277
5	25	98 985	91 883,768	3 520 509,391	38,315	37,854
6	26	98 956	90 499,567	3 428 625,623	37,886	37,425
7	27	98 929	89 137,251	3 338 126,056	37,449	36,988
8	28	98 899	87 793,492	3 248 988,804	37,007	36,546
9	29	98 867	86 468,273	3 161 195,313	36,559	36,098
10	30	98 833	85 161,558	3 074 727,039	36,105	35,644
11	31	98 794	83 869,759	2 989 565,481	35,645	35,185
12	32	98 756	82 597,965	2 905 695,722	35,179	34,718
13	33	98 715	81 343,823	2 823 097,757	34,706	34,245
14	34	98 670	80 105,139	2 741 753,934	34,227	33,766
15	35	98 617	78 878,575	2 661 648,795	33,744	33,283
16	36	98 560	77 668,435	2 582 770,221	33,254	32,793
17	37	98 491	76 466,613	2 505 101,786	32,761	32,300
18	38	98 417	75 280,116	2 428 635,173	32,261	31,801
19	39	98 320	74 094,458	2 353 355,057	31,762	31,301
20	40	98 222	72 926,571	2 279 260,599	31,254	30,793
21	41	98 112	71 768,566	2 206 334,028	30,742	30,282
22	42	97 999	70 626,971	2 134 565,462	30,223	29,762
23	43	97 877	69 496,448	2 063 938,491	29,698	29,238
24	44	97 748	68 379,217	1 994 442,043	29,167	28,707
25	45	97 607	67 271,340	1 926 062,827	28,631	28,170
26	46	97 452	66 171,825	1 858 791,487	28,090	27,630
27	47	97 289	65 084,663	1 792 619,662	27,543	27,082
28	48	97 110	64 005,380	1 727 534,999	26,990	26,530
29	49	96 909	62 928,442	1 663 529,619	26,435	25,974
30	50	96 689	61 857,802	1 600 601,177	25,875	25,415
31	51	96 455	60 796,556	1 538 743,375	25,310	24,849
32	52	96 189	59 732,931	1 477 946,819	24,743	24,282
33	53	95 904	58 675,659	1 418 213,888	24,170	23,710
34	54	95 588	57 617,909	1 359 538,229	23,596	23,135
35	55	95 238	56 558,874	1 301 920,321	23,019	22,558
36	56	94 853	55 497,623	1 245 361,447	22,440	21,979
37	57	94 433	54 435,057	1 189 863,824	21,858	21,398
38	58	93 970	53 367,802	1 135 428,767	21,276	20,815
39	59	93 461	52 294,533	1 082 060,965	20,692	20,231
40	60	92 918	51 222,105	1 029 766,432	20,104	19,643
41	61	92 313	50 136,742	978 544,328	19,518	19,057
42	62	91 666	49 049,437	928 407,585	18,928	18,467
43	63	90 972	47 958,927	879 358,148	18,336	17,875
44	64	90 219	46 859,026	831 399,221	17,743	17,282
45	65	89 384	45 739,154	784 540,195	17,152	16,692
46	66	88 498	44 616,470	738 801,040	16,559	16,098
47	67	87 531	43 477,006	694 184,570	15,967	15,506
48	68	86 496	42 327,857	650 707,564	15,373	14,912
49	69	85 364	41 156,297	608 379,707	14,782	14,321
50	70	84 126	39 960,473	567 223,410	14,195	13,734
51	71	82 790	38 744,685	527 262,937	13,609	13,148
52	72	81 354	37 509,701	488 518,252	13,024	12,563
53	73	79 817	36 257,174	451 008,551	12,439	11,978
54	74	78 138	34 969,904	414 751,377	11,860	11,399
55	75	76 336	33 658,461	379 781,473	11,283	10,823
56	76	74 425	32 331,016	346 123,013	10,706	10,245
57	77	72 340	30 960,969	313 791,997	10,135	9,674
58	78	70 101	29 559,205	282 831,027	9,568	9,107
59	79	67 621	28 092,003	253 271,822	9,016	8,555
60	80	64 911	26 567,815	225 179,819	8,476	8,015
61	81	61 929	24 972,849	198 612,004	7,953	7,492
62	82	58 645	23 298,967	173 639,154	7,453	6,992
63	83	55 083	21 560,599	150 340,187	6,973	6,512
64	84	51 285	19 777,260	128 779,588	6,511	6,051
65	85	47 260	17 955,670	109 002,328	6,071	5,610
66	86	42 989	16 091,609	91 046,658	5,658	5,197
67	87	38 590	14 231,351	74 955,050	5,267	4,806
68	88	34 108	12 392,589	60 723,699	4,900	4,439
69	89	29 633	10 607,669	48 331,110	4,556	4,095
70	90	25 251	8 905,378	37 723,441	4,236	3,775
71	91	21 047	7 313,028	28 818,063	3,941	3,480
72	92	17 087	5 849,389	21 505,035	3,676	3,216
73	93	13 520	4 559,779	15 655,646	3,433	2,973
74	94	10 387	3 451,446	11 095,867	3,215	2,754
75	95	7 748	2 536,402	7 644,420	3,014	2,553
76	96	5 595	1 804,469	5 108,018	2,831	2,370
77	97	3 848	1 222,760	3 303,549	2,702	2,241
78	98	2 588	810,099	2 080,789	2,569	2,108
79	99	1 697	523,292	1 270,690	2,428	1,967
80	100	1 068	324,581	747,399	2,303	1,842

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 472	99 471,563	3 968 279,331	39,894	39,433
1	22	99 101	97 636,329	3 868 807,768	39,625	39,164
2	23	99 057	96 151,182	3 771 171,439	39,221	38,760
3	24	99 024	94 698,395	3 675 020,257	38,808	38,347
4	25	98 995	93 271,961	3 580 321,862	38,386	37,925
5	26	98 966	91 866,289	3 487 049,901	37,958	37,497
6	27	98 938	90 482,536	3 395 183,612	37,523	37,062
7	28	98 907	89 118,070	3 304 701,077	37,082	36,621
8	29	98 875	87 772,804	3 215 583,006	36,635	36,175
9	30	98 841	86 445,898	3 127 810,203	36,182	35,721
10	31	98 802	85 134,551	3 041 364,304	35,724	35,263
11	32	98 763	83 843,424	2 956 229,753	35,259	34,798
12	33	98 722	82 569,665	2 872 386,330	34,787	34,327
13	34	98 679	81 314,512	2 789 816,665	34,309	33,848
14	35	98 630	80 072,616	2 708 502,153	33,826	33,365
15	36	98 576	78 846,066	2 628 429,536	33,336	32,875
16	37	98 515	77 632,824	2 549 583,470	32,842	32,381
17	38	98 444	76 430,317	2 471 950,646	32,343	31,882
18	39	98 357	75 234,703	2 395 520,329	31,841	31,380
19	40	98 261	74 049,917	2 320 285,626	31,334	30,873
20	41	98 154	72 876,565	2 246 235,709	30,822	30,362
21	42	98 039	71 715,439	2 173 359,144	30,305	29,845
22	43	97 922	70 570,910	2 101 643,705	29,781	29,320
23	44	97 788	69 433,341	2 031 072,795	29,252	28,791
24	45	97 653	68 312,849	1 961 639,455	28,716	28,255
25	46	97 495	67 193,828	1 893 326,605	28,177	27,716
26	47	97 333	66 091,260	1 826 132,778	27,630	27,170
27	48	97 155	64 995,477	1 760 041,518	27,079	26,619
28	49	96 956	63 903,352	1 695 046,041	26,525	26,064
29	50	96 739	62 818,438	1 631 142,688	25,966	25,505
30	51	96 510	61 743,167	1 568 324,250	25,401	24,940
31	52	96 249	60 666,288	1 506 581,083	24,834	24,373
32	53	95 965	59 593,576	1 445 914,796	24,263	23,802
33	54	95 658	58 524,999	1 386 321,219	23,688	23,227
34	55	95 312	57 451,468	1 327 796,221	23,112	22,651
35	56	94 929	56 375,315	1 270 344,753	22,534	22,073
36	57	94 514	55 299,110	1 213 969,438	21,953	21,492
37	58	94 062	54 221,446	1 158 670,327	21,369	20,908
38	59	93 561	53 135,683	1 104 448,881	20,785	20,325
39	60	93 021	52 048,416	1 051 313,198	20,199	19,738
40	61	92 428	50 951,859	999 264,781	19,612	19,151
41	62	91 788	49 851,671	948 312,923	19,023	18,562
42	63	91 104	48 748,546	898 461,252	18,431	17,970
43	64	90 358	47 635,258	849 712,706	17,838	17,377
44	65	89 545	46 508,864	802 077,448	17,246	16,785
45	66	88 672	45 374,593	755 568,584	16,652	16,191
46	67	87 723	44 225,536	710 193,991	16,058	15,598
47	68	86 701	43 064,748	665 968,455	15,464	15,004
48	69	85 591	41 884,867	622 903,707	14,872	14,411
49	70	84 377	40 680,753	581 018,840	14,282	13,822
50	71	83 067	39 457,019	540 338,088	13,694	13,234
51	72	81 656	38 213,814	500 881,069	13,107	12,647
52	73	80 149	36 954,048	462 667,255	12,520	12,059
53	74	78 506	35 661,970	425 713,207	11,937	11,477
54	75	76 743	34 345,930	390 051,236	11,357	10,896
55	76	74 867	33 011,162	355 705,307	10,775	10,315
56	77	72 820	31 633,767	322 694,145	10,201	9,740
57	78	70 619	30 224,207	291 060,377	9,630	9,169
58	79	68 177	28 747,864	260 836,170	9,073	8,612
59	80	65 496	27 209,508	232 088,307	8,530	8,069
60	81	62 544	25 599,113	204 878,799	8,003	7,543
61	82	59 287	23 907,161	179 279,686	7,499	7,038
62	83	55 749	22 148,489	155 372,525	7,015	6,554
63	84	51 960	20 337,866	133 224,036	6,551	6,090
64	85	47 943	18 488,511	112 886,170	6,106	5,645
65	86	43 662	16 588,801	94 397,658	5,690	5,230
66	87	39 241	14 688,742	77 808,858	5,297	4,836
67	88	34 733	12 808,991	63 120,115	4,928	4,467
68	89	30 213	10 977,331	50 311,124	4,583	4,122
69	90	25 795	9 233,786	39 333,793	4,260	3,799
70	91	21 527	7 592,047	30 100,008	3,965	3,504
71	92	17 519	6 087,113	22 507,960	3,698	3,237
72	93	13 883	4 752,618	16 420,848	3,455	2,994
73	94	10 694	3 606,903	11 668,230	3,235	2,774
74	95	7 996	2 657,043	8 061,327	3,034	2,573
75	96	5 789	1 895,258	5 404,284	2,851	2,391
76	97	3 996	1 289,017	3 509,026	2,722	2,261
77	98	2 697	857,132	2 220,008	2,590	2,129
78	99	1 777	556,442	1 362,877	2,449	1,988
79	100	1 125	346,960	806,434	2,324	1,863

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 455	99 455,160	3 933 793,981	39,553	39,093
1	23	99 085	97 620,433	3 834 338,821	39,278	38,817
2	24	99 040	96 133,878	3 736 718,388	38,870	38,409
3	25	99 006	94 681,355	3 640 584,510	38,451	37,990
4	26	98 977	93 254,218	3 545 903,155	38,024	37,563
5	27	98 947	91 849,000	3 452 648,936	37,590	37,130
6	28	98 916	90 463,065	3 360 799,936	37,151	36,690
7	29	98 884	89 097,070	3 270 336,871	36,705	36,245
8	30	98 850	87 750,091	3 181 239,800	36,253	35,793
9	31	98 810	86 418,484	3 093 489,710	35,797	35,336
10	32	98 771	85 107,819	3 007 071,226	35,332	34,872
11	33	98 729	83 814,696	2 921 963,407	34,862	34,401
12	34	98 686	82 539,912	2 838 148,711	34,385	33,924
13	35	98 639	81 281,499	2 755 608,799	33,902	33,441
14	36	98 589	80 039,616	2 674 327,299	33,413	32,952
15	37	98 531	78 809,916	2 594 287,684	32,918	32,457
16	38	98 468	77 595,975	2 515 477,768	32,418	31,957
17	39	98 384	76 384,210	2 437 881,793	31,916	31,455
18	40	98 298	75 189,476	2 361 497,583	31,407	30,946
19	41	98 193	73 999,141	2 286 308,107	30,896	30,436
20	42	98 082	72 822,618	2 212 308,966	30,379	29,919
21	43	97 961	71 658,514	2 139 486,348	29,857	29,396
22	44	97 833	70 506,827	2 067 827,835	29,328	28,867
23	45	97 693	69 365,950	1 997 321,008	28,794	28,333
24	46	97 541	68 234,137	1 927 955,057	28,255	27,794
25	47	97 376	67 112,018	1 859 720,921	27,711	27,250
26	48	97 200	66 000,695	1 792 608,903	27,160	26,700
27	49	97 000	64 891,871	1 726 608,208	26,607	26,147
28	50	96 786	63 791,644	1 661 716,336	26,049	25,588
29	51	96 560	62 702,023	1 597 924,692	25,484	25,024
30	52	96 303	61 610,870	1 535 222,669	24,918	24,457
31	53	96 024	60 524,755	1 473 611,799	24,347	23,886
32	54	95 719	59 440,559	1 413 087,043	23,773	23,312
33	55	95 382	58 355,938	1 353 646,484	23,196	22,736
34	56	95 002	57 265,012	1 295 290,546	22,619	22,158
35	57	94 590	56 173,662	1 238 025,534	22,039	21,578
36	58	94 143	55 082,109	1 181 851,871	21,456	20,995
37	59	93 653	53 985,615	1 126 769,762	20,872	20,411
38	60	93 121	52 885,607	1 072 784,147	20,285	19,824
39	61	92 531	51 773,811	1 019 898,540	19,699	19,238
40	62	91 902	50 662,153	968 124,728	19,109	18,649
41	63	91 225	49 545,858	917 462,576	18,517	18,057
42	64	90 489	48 419,547	867 916,718	17,925	17,464
43	65	89 683	47 279,295	819 497,170	17,333	16,872
44	66	88 831	46 138,168	772 217,875	16,737	16,276
45	67	87 895	44 977,016	726 079,707	16,143	15,683
46	68	86 891	43 806,180	681 102,692	15,548	15,087
47	69	85 794	42 614,046	637 296,512	14,955	14,494
48	70	84 602	41 400,904	594 682,465	14,364	13,903
49	71	83 314	40 168,224	553 281,561	13,774	13,313
50	72	81 928	38 916,387	513 113,337	13,185	12,724
51	73	80 446	37 647,730	474 196,950	12,596	12,135
52	74	78 833	36 347,405	436 549,219	12,010	11,550
53	75	77 106	35 025,648	400 201,815	11,426	10,965
54	76	75 268	33 685,410	365 176,167	10,841	10,380
55	77	73 253	32 299,245	331 490,757	10,263	9,802
56	78	71 087	30 880,995	299 191,511	9,689	9,228
57	79	68 680	29 394,612	268 310,517	9,128	8,667
58	80	66 035	27 844,765	238 915,904	8,580	8,119
59	81	63 108	26 217,408	211 071,140	8,051	7,590
60	82	59 875	24 506,700	184 853,731	7,543	7,082
61	83	56 359	22 726,651	160 347,031	7,055	6,595
62	84	52 588	20 892,416	137 620,380	6,587	6,126
63	85	48 574	19 012,587	116 727,965	6,140	5,679
64	86	44 294	17 081,080	97 715,378	5,721	5,260
65	87	39 856	15 142,589	80 634,298	5,325	4,864
66	88	35 319	13 220,669	65 491,709	4,954	4,493
67	89	30 766	11 346,179	52 271,040	4,607	4,146
68	90	26 299	9 555,569	40 924,861	4,283	3,822
69	91	21 991	7 872,023	31 369,292	3,985	3,524
70	92	17 918	6 319,358	23 497,269	3,718	3,258
71	93	14 234	4 945,768	17 177,910	3,473	3,012
72	94	10 982	3 759,443	12 232,142	3,254	2,793
73	95	8 233	2 776,719	8 472,699	3,051	2,591
74	96	5 975	1 985,404	5 695,980	2,869	2,408
75	97	4 136	1 353,872	3 710,577	2,741	2,280
76	98	2 801	903,577	2 356,704	2,608	2,147
77	99	1 853	588,748	1 453,127	2,468	2,007
78	100	1 178	368,940	864,379	2,343	1,882

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 439	99 438,968	3 898 373,411	39,204	38,743
1	24	99 067	97 602,865	3 798 934,444	38,922	38,462
2	25	99 022	96 116,580	3 701 331,578	38,509	38,048
3	26	98 987	94 663,344	3 605 214,998	38,085	37,624
4	27	98 958	93 236,668	3 510 551,654	37,652	37,191
5	28	98 926	91 829,236	3 417 314,986	37,214	36,753
6	29	98 893	90 441,748	3 325 485,750	36,769	36,309
7	30	98 858	89 074,015	3 235 044,002	36,319	35,858
8	31	98 818	87 722,263	3 145 969,987	35,863	35,402
9	32	98 779	86 391,348	3 058 247,724	35,400	34,939
10	33	98 737	85 078,658	2 971 856,376	34,931	34,470
11	34	98 694	83 784,495	2 886 777,717	34,455	33,994
12	35	98 646	82 506,401	2 802 993,222	33,973	33,512
13	36	98 599	81 248,001	2 720 486,821	33,484	33,023
14	37	98 544	80 002,918	2 639 238,820	32,989	32,528
15	38	98 484	78 772,507	2 559 235,902	32,489	32,028
16	39	98 409	77 549,165	2 480 463,395	31,986	31,525
17	40	98 325	76 338,292	2 402 914,230	31,477	31,016
18	41	98 231	75 137,919	2 326 575,938	30,964	30,503
19	42	98 121	73 944,362	2 251 438,019	30,448	29,987
20	43	98 004	72 764,814	2 177 493,657	29,925	29,464
21	44	97 872	71 593,443	2 104 728,843	29,398	28,938
22	45	97 738	70 438,395	2 033 135,400	28,864	28,403
23	46	97 581	69 286,024	1 962 697,005	28,327	27,867
24	47	97 422	68 151,061	1 893 410,981	27,783	27,322
25	48	97 242	67 020,055	1 825 259,920	27,235	26,774
26	49	97 045	65 895,486	1 758 239,865	26,682	26,221
27	50	96 831	64 778,436	1 692 344,379	26,125	25,664
28	51	96 607	63 673,426	1 627 565,943	25,561	25,100
29	52	96 353	62 567,672	1 563 892,518	24,995	24,534
30	53	96 078	61 467,134	1 501 324,846	24,425	23,964
31	54	95 778	60 369,348	1 439 857,712	23,851	23,390
32	55	95 442	59 268,854	1 379 488,364	23,275	22,814
33	56	95 072	58 166,547	1 320 219,511	22,697	22,236
34	57	94 663	57 060,178	1 262 052,964	22,118	21,657
35	58	94 219	55 953,230	1 204 992,787	21,536	21,075
36	59	93 734	54 842,535	1 149 039,557	20,952	20,491
37	60	93 212	53 731,539	1 094 197,022	20,364	19,903
38	61	92 630	52 606,585	1 040 465,483	19,778	19,317
39	62	92 005	51 479,431	987 858,898	19,189	18,729
40	63	91 338	50 351,368	936 379,466	18,597	18,136
41	64	90 610	49 211,479	886 028,098	18,005	17,544
42	65	89 813	48 057,724	836 816,619	17,413	16,952
43	66	88 968	46 902,458	788 758,895	16,817	16,356
44	67	88 053	45 733,900	741 856,437	16,221	15,760
45	68	87 061	44 550,534	696 122,537	15,625	15,165
46	69	85 981	43 347,719	651 572,003	15,031	14,570
47	70	84 803	42 121,658	608 224,285	14,440	13,979
48	71	83 536	40 879,303	566 102,626	13,848	13,387
49	72	82 173	39 617,848	525 223,323	13,257	12,796
50	73	80 715	38 339,896	485 605,475	12,666	12,205
51	74	79 126	37 029,699	447 265,579	12,079	11,618
52	75	77 426	35 698,852	410 235,880	11,492	11,031
53	76	75 623	34 352,056	374 537,029	10,903	10,442
54	77	73 644	32 958,953	340 184,972	10,321	9,861
55	78	71 510	31 530,637	307 226,020	9,744	9,283
56	79	69 136	30 033,373	275 695,383	9,180	8,719
57	80	66 523	28 471,196	245 662,010	8,628	8,168
58	81	63 627	26 829,503	217 190,814	8,095	7,634
59	82	60 415	25 098,610	190 361,311	7,585	7,124
60	83	56 919	23 296,585	165 262,701	7,094	6,633
61	84	53 163	21 437,789	141 966,116	6,622	6,161
62	85	49 161	19 531,000	120 528,327	6,171	5,710
63	86	44 876	17 565,260	100 997,326	5,750	5,289
64	87	40 432	15 591,951	83 432,066	5,351	4,890
65	88	35 873	13 629,155	67 840,115	4,978	4,517
66	89	31 286	11 710,842	54 210,959	4,629	4,168
67	90	26 781	9 876,645	42 500,117	4,303	3,842
68	91	22 421	8 146,351	32 623,472	4,005	3,544
69	92	18 304	6 552,400	24 477,121	3,736	3,275
70	93	14 559	5 134,467	17 924,720	3,491	3,030
71	94	11 259	3 912,230	12 790,253	3,269	2,809
72	95	8 454	2 894,150	8 878,023	3,068	2,607
73	96	6 152	2 074,828	5 983,873	2,884	2,423
74	97	4 268	1 418,267	3 909,045	2,756	2,295
75	98	2 899	949,039	2 490,778	2,625	2,164
76	99	1 924	620,651	1 541,738	2,484	2,023
77	100	1 228	390,360	921,087	2,360	1,899

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 421	99 421,072	3 862 025,654	38,845	38,384
1	25	99 049	97 585,303	3 762 604,581	38,557	38,096
2	26	99 003	96 098,296	3 665 019,279	38,138	37,677
3	27	98 969	94 645,529	3 568 920,982	37,708	37,247
4	28	98 937	93 216,605	3 474 275,453	37,271	36,810
5	29	98 903	91 807,597	3 381 058,848	36,828	36,367
6	30	98 867	90 418,345	3 289 251,251	36,378	35,917
7	31	98 827	89 045,767	3 198 832,906	35,923	35,463
8	32	98 787	87 694,718	3 109 787,139	35,462	35,001
9	33	98 745	86 361,748	3 022 092,421	34,993	34,533
10	34	98 702	85 048,002	2 935 730,673	34,519	34,058
11	35	98 654	83 750,479	2 850 682,672	34,038	33,577
12	36	98 605	82 472,398	2 766 932,192	33,550	33,089
13	37	98 554	81 210,748	2 684 459,794	33,055	32,595
14	38	98 497	79 964,943	2 603 249,046	32,555	32,094
15	39	98 425	78 724,988	2 523 284,103	32,052	31,591
16	40	98 350	77 502,546	2 444 559,115	31,542	31,081
17	41	98 258	76 285,947	2 367 056,568	31,029	30,568
18	42	98 158	75 082,297	2 290 770,621	30,510	30,049
19	43	98 043	73 885,668	2 215 688,324	29,988	29,527
20	44	97 915	72 698,739	2 141 802,655	29,461	29,001
21	45	97 777	71 523,956	2 069 103,917	28,929	28,468
22	46	97 625	70 357,233	1 997 579,961	28,392	27,931
23	47	97 462	69 201,668	1 927 222,727	27,849	27,389
24	48	97 289	68 057,673	1 858 021,060	27,301	26,840
25	49	97 087	66 913,221	1 789 963,387	26,751	26,290
26	50	96 875	65 780,296	1 723 050,165	26,194	25,733
27	51	96 651	64 658,388	1 657 269,869	25,631	25,170
28	52	96 400	63 536,993	1 592 611,481	25,066	24,605
29	53	96 128	62 421,703	1 529 074,488	24,496	24,035
30	54	95 831	61 309,306	1 466 652,785	23,922	23,461
31	55	95 501	60 194,959	1 405 343,478	23,347	22,886
32	56	95 132	59 076,500	1 345 148,519	22,770	22,309
33	57	94 732	57 958,487	1 286 072,020	22,190	21,729
34	58	94 291	56 836,266	1 228 113,532	21,608	21,147
35	59	93 809	55 709,866	1 171 277,266	21,025	20,564
36	60	93 292	54 584,426	1 115 567,400	20,437	19,977
37	61	92 720	53 448,054	1 060 982,974	19,851	19,390
38	62	92 103	52 307,470	1 007 534,920	19,262	18,801
39	63	91 440	51 163,634	955 227,450	18,670	18,209
40	64	90 722	50 011,552	904 063,816	18,077	17,616
41	65	89 932	48 843,737	854 052,264	17,485	17,025
42	66	89 097	47 674,683	805 208,527	16,890	16,429
43	67	88 189	46 491,494	757 533,844	16,294	15,833
44	68	87 218	45 300,241	711 042,350	15,696	15,235
45	69	86 150	44 084,282	665 742,109	15,102	14,641
46	70	84 988	42 846,853	621 657,826	14,509	14,048
47	71	83 734	41 590,976	578 810,973	13,917	13,456
48	72	82 391	40 319,184	537 219,997	13,324	12,863
49	73	80 955	39 030,966	496 900,814	12,731	12,270
50	74	79 390	37 710,502	457 869,848	12,142	11,681
51	75	77 714	36 368,972	420 159,346	11,553	11,092
52	76	75 937	35 012,313	383 790,374	10,962	10,501
53	77	73 992	33 611,222	348 778,061	10,377	9,916
54	78	71 892	32 174,645	315 166,839	9,796	9,335
55	79	69 547	30 665,183	282 992,193	9,228	8,768
56	80	66 964	29 089,890	252 327,010	8,674	8,213
57	81	64 097	27 433,094	223 237,120	8,138	7,677
58	82	60 912	25 684,584	195 804,026	7,623	7,163
59	83	57 432	23 859,267	170 119,442	7,130	6,669
60	84	53 691	21 975,402	146 260,174	6,656	6,195
61	85	49 699	20 040,836	124 284,773	6,202	5,741
62	86	45 418	18 044,209	104 243,937	5,777	5,316
63	87	40 964	16 033,921	86 199,727	5,376	4,915
64	88	36 391	14 033,606	70 165,806	5,000	4,539
65	89	31 776	12 072,679	56 132,201	4,650	4,189
66	90	27 234	10 194,078	44 059,522	4,322	3,861
67	91	22 832	8 420,076	33 865,444	4,022	3,561
68	92	18 662	6 780,742	25 445,368	3,753	3,292
69	93	14 872	5 323,814	18 664,626	3,506	3,045
70	94	11 516	4 061,496	13 340,812	3,285	2,824
71	95	8 668	3 011,770	9 279,317	3,081	2,620
72	96	6 317	2 162,575	6 267,546	2,898	2,437
73	97	4 395	1 482,148	4 104,971	2,770	2,309
74	98	2 992	994,179	2 622,823	2,638	2,177
75	99	1 991	651,878	1 628,644	2,498	2,038
76	100	1 276	411,513	976,766	2,374	1,913

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 403	99 403,183	3 824 760,325	38,477	38,016
1	26	99 030	97 566,740	3 725 357,142	38,183	37,722
2	27	98 984	96 080,211	3 627 790,403	37,758	37,297
3	28	98 947	94 625,163	3 531 710,192	37,323	36,862
4	29	98 913	93 194,640	3 437 085,029	36,881	36,420
5	30	98 877	91 783,840	3 343 890,389	36,432	35,971
6	31	98 836	90 389,670	3 252 106,549	35,979	35,518
7	32	98 796	89 017,807	3 161 716,879	35,518	35,057
8	33	98 754	87 664,671	3 072 699,072	35,051	34,590
9	34	98 710	86 330,629	2 985 034,401	34,577	34,116
10	35	98 662	85 013,473	2 898 703,772	34,097	33,636
11	36	98 613	83 715,963	2 813 690,299	33,610	33,149
12	37	98 560	82 434,584	2 729 974,336	33,117	32,656
13	38	98 507	81 172,201	2 647 539,752	32,616	32,156
14	39	98 438	79 916,704	2 566 367,551	32,113	31,652
15	40	98 365	78 677,663	2 486 450,847	31,603	31,142
16	41	98 282	77 449,403	2 407 773,184	31,088	30,628
17	42	98 185	76 229,476	2 330 323,781	30,570	30,109
18	43	98 080	75 022,700	2 254 094,305	30,045	29,585
19	44	97 954	73 818,575	2 179 071,605	29,519	29,058
20	45	97 820	72 628,179	2 105 253,030	28,987	28,526
21	46	97 665	71 441,544	2 032 624,851	28,452	27,991
22	47	97 506	70 271,572	1 961 183,307	27,909	27,448
23	48	97 328	69 106,840	1 890 911,735	27,362	26,901
24	49	97 134	67 949,186	1 821 804,894	26,811	26,350
25	50	96 918	66 796,252	1 753 855,709	26,257	25,796
26	51	96 696	65 658,392	1 687 059,456	25,694	25,234
27	52	96 444	64 519,845	1 621 401,064	25,130	24,669
28	53	96 175	63 388,763	1 556 881,219	24,561	24,100
29	54	95 881	62 261,425	1 493 492,456	23,987	23,527
30	55	95 555	61 132,203	1 431 231,031	23,412	22,951
31	56	95 191	59 999,599	1 370 098,829	22,835	22,374
32	57	94 792	58 865,185	1 310 099,229	22,256	21,795
33	58	94 360	57 731,051	1 251 234,044	21,674	21,213
34	59	93 881	56 589,062	1 193 502,994	21,091	20,630
35	60	93 367	55 447,676	1 136 913,932	20,504	20,043
36	61	92 800	54 296,441	1 081 466,256	19,918	19,457
37	62	92 193	53 144,155	1 027 169,816	19,328	18,867
38	63	91 538	51 986,593	974 025,661	18,736	18,275
39	64	90 823	50 818,336	922 039,068	18,144	17,683
40	65	90 044	49 637,832	871 220,732	17,552	17,091
41	66	89 216	48 454,431	821 582,900	16,956	16,495
42	67	88 316	47 256,952	773 128,468	16,360	15,899
43	68	87 353	46 050,651	725 871,517	15,762	15,302
44	69	86 305	44 826,144	679 820,865	15,166	14,705
45	70	85 155	43 574,906	634 994,722	14,572	14,112
46	71	83 917	42 307,035	591 419,815	13,979	13,518
47	72	82 587	41 021,106	549 112,781	13,386	12,925
48	73	81 171	39 721,912	508 091,675	12,791	12,330
49	74	79 626	38 390,227	468 369,763	12,200	11,739
50	75	77 973	37 037,627	429 979,536	11,609	11,148
51	76	76 219	35 669,546	392 941,909	11,016	10,555
52	77	74 300	34 257,240	357 272,363	10,429	9,968
53	78	72 231	32 811,393	323 015,123	9,845	9,384
54	79	69 919	31 291,515	290 203,730	9,274	8,813
55	80	67 362	29 701,853	258 912,215	8,717	8,256
56	81	64 522	28 029,229	229 210,362	8,178	7,717
57	82	61 362	26 262,418	201 181,133	7,660	7,200
58	83	57 904	24 416,307	174 918,715	7,164	6,703
59	84	54 175	22 506,174	150 502,408	6,687	6,226
60	85	50 192	20 543,416	127 996,235	6,231	5,770
61	86	45 915	18 515,234	107 452,819	5,803	5,343
62	87	41 459	16 471,115	88 937,585	5,400	4,939
63	88	36 870	14 431,403	72 466,470	5,021	4,561
64	89	32 235	12 430,940	58 035,067	4,669	4,208
65	90	27 660	10 509,050	45 604,127	4,340	3,879
66	91	23 217	8 690,695	35 095,077	4,038	3,577
67	92	19 004	7 008,581	26 404,382	3,767	3,307
68	93	15 163	5 509,341	19 395,801	3,521	3,060
69	94	11 764	4 211,274	13 886,460	3,297	2,837
70	95	8 866	3 126,681	9 675,187	3,094	2,634
71	96	6 477	2 250,464	6 548,506	2,910	2,449
72	97	4 513	1 544,830	4 298,042	2,782	2,321
73	98	3 080	1 038,958	2 753,212	2,650	2,189
74	99	2 055	682,884	1 714,254	2,510	2,050
75	100	1 320	432,217	1 031,371	2,386	1,925

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1	0	99 644	98 171,205	4 372 873,449	44,543	44,083
2	1	99 317	96 403,067	4 274 702,244	44,342	43,881
3	2	99 277	94 940,019	4 178 299,177	44,010	43,549
4	3	99 254	93 515,156	4 083 359,158	43,665	43,204
5	4	99 233	92 113,843	3 989 844,002	43,314	42,853
6	5	99 213	90 734,755	3 897 730,159	42,957	42,497
7	6	99 195	89 377,758	3 806 995,405	42,594	42,134
8	7	99 178	88 041,531	3 717 617,647	42,226	41,765
9	8	99 165	86 728,977	3 629 576,116	41,850	41,389
10	9	99 150	85 434,478	3 542 847,139	41,469	41,008
11	10	99 136	84 160,081	3 457 412,661	41,081	40,621
12	11	99 123	82 905,069	3 373 252,580	40,688	40,227
13	12	99 108	81 667,932	3 290 347,511	40,289	39,829
14	13	99 091	80 446,985	3 208 679,579	39,886	39,425
15	14	99 068	79 239,894	3 128 232,594	39,478	39,017
16	15	99 043	78 049,184	3 048 992,700	39,065	38,604
17	16	99 007	76 867,364	2 970 943,516	38,650	38,189
18	17	98 965	75 699,438	2 894 076,152	38,231	37,770
19	18	98 914	74 541,998	2 818 376,714	37,809	37,348
20	19	98 855	73 396,724	2 743 834,716	37,384	36,923
21	20	98 795	72 268,183	2 670 437,992	36,952	36,491
22	21	98 736	71 158,167	2 598 169,809	36,513	36,052
23	22	98 675	70 063,209	2 527 011,642	36,068	35,607
24	23	98 619	68 988,289	2 456 948,433	35,614	35,153
25	24	98 554	67 924,256	2 387 960,144	35,156	34,695
26	25	98 493	66 879,107	2 320 035,888	34,690	34,229
27	26	98 430	65 847,983	2 253 156,781	34,218	33,757
28	27	98 366	64 832,695	2 187 308,798	33,738	33,277
29	28	98 297	63 829,868	2 122 476,103	33,252	32,791
30	29	98 222	62 838,954	2 058 646,235	32,761	32,300
31	30	98 142	61 859,532	1 995 807,281	32,264	31,803
32	31	98 050	60 888,502	1 933 947,749	31,762	31,301
33	32	97 957	59 931,814	1 873 059,247	31,253	30,792
34	33	97 852	58 982,703	1 813 127,433	30,740	30,279
35	34	97 742	58 045,396	1 754 144,730	30,220	29,759
36	35	97 623	57 118,504	1 696 099,335	29,694	29,234
37	36	97 499	56 202,849	1 638 980,831	29,162	28,701
38	37	97 359	55 292,647	1 582 777,981	28,625	28,165
39	38	97 209	54 391,522	1 527 485,335	28,083	27,622
40	39	97 042	53 495,720	1 473 093,813	27,537	27,076
41	40	96 864	52 608,263	1 419 598,093	26,984	26,524
42	41	96 668	51 726,177	1 366 989,829	26,427	25,967
43	42	96 458	50 850,657	1 315 263,652	25,865	25,404
44	43	96 233	49 982,324	1 264 412,996	25,297	24,836
45	44	95 972	49 110,493	1 214 430,672	24,729	24,268
46	45	95 691	48 243,081	1 165 320,179	24,155	23,694
47	46	95 373	47 371,907	1 117 077,098	23,581	23,120
48	47	95 031	46 504,626	1 069 705,191	23,002	22,541
49	48	94 649	45 633,080	1 023 200,565	22,422	21,962
50	49	94 217	44 753,662	977 567,484	21,843	21,382
51	50	93 740	43 868,886	932 813,822	21,264	20,803
52	51	93 220	42 980,775	888 944,936	20,682	20,222
53	52	92 635	42 079,892	845 964,161	20,104	19,643
54	53	91 985	41 167,011	803 884,268	19,527	19,067
55	54	91 261	40 239,424	762 717,257	18,954	18,494
56	55	90 459	39 296,506	722 477,833	18,385	17,924
57	56	89 572	38 335,912	683 181,327	17,821	17,360
58	57	88 597	37 358,325	644 845,416	17,261	16,800
59	58	87 529	36 362,769	607 487,091	16,706	16,245
60	59	86 370	35 350,785	571 124,323	16,156	15,695
61	60	85 118	34 323,650	535 773,538	15,609	15,149
62	61	83 753	33 273,979	501 449,888	15,070	14,610
63	62	82 282	32 206,615	468 175,909	14,537	14,076
64	63	80 716	31 126,726	435 969,294	14,006	13,545
65	64	79 029	30 025,633	404 842,568	13,483	13,022
66	65	77 229	28 908,071	374 816,936	12,966	12,505
67	66	75 341	27 784,670	345 908,864	12,450	11,989
68	67	73 337	26 645,891	318 124,195	11,939	11,478
69	68	71 248	25 504,437	291 478,304	11,429	10,968
70	69	69 015	24 339,921	265 973,866	10,927	10,467
71	70	66 696	23 174,491	241 633,945	10,427	9,966
72	71	64 233	21 988,875	218 459,455	9,935	9,474
73	72	61 694	20 807,608	196 470,579	9,442	8,981
74	73	59 033	19 615,856	175 662,971	8,955	8,494
75	74	56 259	18 417,819	156 047,115	8,473	8,012
76	75	53 397	17 222,656	137 629,297	7,991	7,530
77	76	50 424	16 023,190	120 406,640	7,515	7,054
78	77	47 328	14 817,362	104 383,450	7,045	6,584
79	78	44 101	13 603,010	89 566,088	6,584	6,123
80	79	40 726	12 376,323	75 963,078	6,138	5,677
81	80	37 221	11 143,997	63 586,755	5,706	5,245
82	81	33 550	9 896,307	52 442,759	5,299	4,838
83	82	29 784	8 655,820	42 546,452	4,915	4,455
84	83	26 007	7 446,389	33 890,632	4,551	4,090
85	84	22 275	6 283,666	26 444,243	4,208	3,748
86	85	18 644	5 181,566	20 160,577	3,891	3,430
87	86	15 197	4 161,220	14 979,011	3,600	3,139
88	87	12 040	3 247,936	10 817,791	3,331	2,870
89	88	9 225	2 451,833	7 569,855	3,087	2,627
90	89	6 822	1 786,437	5 118,021	2,865	2,404
91	90	4 860	1 253,911	3 331,584	2,657	2,196
92	91	3 319	843,523	2 077,674	2,463	2,002
93	92	2 140	535,840	1 234,151	2,303	1,842
94	93	1 315	324,524	698,311	2,152	1,691
95	94	760	184,623	373,786	2,025	1,564
96	95	415	99,403	189,163	1,903	1,442
97	96	210	49,588	89,761	1,810	1,349
98	97	100	23,153	40,173	1,735	1,274
99	98	45	10,220	17,021	1,665	1,205
100	99	19	4,262	6,801	1,596	1,135

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2	0	99 616	96 693,665	4 286 309,516	44,329	43,868
3	1	99 301	94 963,564	4 189 615,851	44,118	43,657
4	2	99 266	93 526,774	4 094 652,287	43,781	43,320
5	3	99 243	92 123,343	4 001 125,513	43,432	42,971
6	4	99 223	90 743,438	3 909 002,170	43,078	42,617
7	5	99 204	89 385,721	3 818 258,732	42,717	42,256
8	6	99 187	88 049,319	3 728 873,011	42,350	41,889
9	7	99 170	86 733,007	3 640 823,692	41,977	41,517
10	8	99 157	85 440,431	3 554 090,685	41,597	41,136
11	9	99 142	84 165,230	3 468 650,254	41,212	40,752
12	10	99 129	82 909,919	3 384 485,024	40,821	40,360
13	11	99 116	81 674,248	3 301 575,106	40,424	39,963
14	12	99 099	80 453,302	3 219 900,857	40,022	39,561
15	13	99 078	79 247,360	3 139 447,555	39,616	39,155
16	14	99 052	78 056,381	3 060 200,195	39,205	38,744
17	15	99 019	76 876,718	2 982 143,814	38,791	38,330
18	16	98 980	75 710,586	2 905 267,096	38,373	37,913
19	17	98 927	74 552,149	2 829 556,510	37,954	37,493
20	18	98 874	73 411,187	2 755 004,361	37,528	37,068
21	19	98 812	72 280,817	2 681 593,174	37,100	36,639
22	20	98 755	71 171,326	2 609 312,357	36,662	36,202
23	21	98 692	70 074,764	2 538 141,031	36,220	35,760
24	22	98 635	68 999,522	2 468 066,267	35,769	35,309
25	23	98 572	67 936,482	2 399 066,745	35,313	34,853
26	24	98 511	66 891,143	2 331 130,263	34,850	34,389
27	25	98 448	65 860,511	2 264 239,120	34,379	33,919
28	26	98 384	64 844,899	2 198 378,609	33,902	33,441
29	27	98 318	63 843,606	2 133 533,710	33,418	32,957
30	28	98 245	62 853,765	2 069 690,104	32,929	32,468
31	29	98 167	61 875,544	2 006 836,339	32,433	31,973
32	30	98 081	60 907,817	1 944 960,795	31,933	31,472
33	31	97 988	59 950,638	1 884 052,978	31,427	30,966
34	32	97 886	59 002,919	1 824 102,339	30,915	30,455
35	33	97 777	58 066,319	1 765 099,420	30,398	29,937
36	34	97 663	57 141,703	1 707 033,101	29,874	29,413
37	35	97 540	56 226,022	1 649 891,398	29,344	28,883
38	36	97 404	55 318,010	1 593 665,376	28,809	28,348
39	37	97 255	54 417,352	1 538 347,366	28,269	27,809
40	38	97 101	53 528,011	1 483 930,015	27,722	27,262
41	39	96 922	52 639,908	1 430 402,004	27,173	26,713
42	40	96 735	51 761,670	1 377 762,096	26,617	26,157
43	41	96 529	50 888,327	1 326 000,426	26,057	25,596
44	42	96 309	50 022,029	1 275 112,099	25,491	25,030
45	43	96 060	49 155,129	1 225 090,070	24,923	24,462
46	44	95 784	48 289,950	1 175 934,941	24,352	23,891
47	45	95 483	47 426,554	1 127 644,991	23,777	23,316
48	46	95 147	46 561,315	1 080 218,437	23,200	22,739
49	47	94 779	45 695,697	1 033 657,122	22,620	22,160
50	48	94 368	44 825,116	987 961,425	22,040	21,580
51	49	93 904	43 945,706	943 136,309	21,461	21,001
52	50	93 393	43 060,575	899 190,602	20,882	20,421
53	51	92 834	42 170,250	856 130,027	20,302	19,841
54	52	92 200	41 263,277	813 959,777	19,726	19,265
55	53	91 496	40 343,012	772 696,500	19,153	18,692
56	54	90 721	39 410,350	732 353,488	18,583	18,122
57	55	89 863	38 460,734	692 943,138	18,017	17,556
58	56	88 915	37 492,434	654 482,404	17,456	16,996
59	57	87 874	36 506,023	616 989,971	16,901	16,440
60	58	86 747	35 505,212	580 483,947	16,349	15,888
61	59	85 521	34 485,953	544 978,736	15,803	15,342
62	60	84 197	33 450,462	510 492,782	15,261	14,800
63	61	82 753	32 390,785	477 042,320	14,728	14,267
64	62	81 214	31 318,850	444 651,536	14,198	13,737
65	63	79 566	30 229,649	413 332,686	13,673	13,212
66	64	77 810	29 125,718	383 103,037	13,153	12,693
67	65	75 946	28 007,905	353 977,318	12,638	12,178
68	66	73 985	26 881,429	325 969,413	12,126	11,665
69	67	71 930	25 748,591	299 087,984	11,616	11,155
70	68	69 745	24 597,349	273 339,393	11,113	10,652
71	69	67 476	23 445,393	248 742,044	10,609	10,149
72	70	65 053	22 269,443	225 296,651	10,117	9,656
73	71	62 551	21 096,670	203 027,208	9,624	9,163
74	72	59 921	19 910,806	181 930,538	9,137	8,676
75	73	57 198	18 725,215	162 019,732	8,652	8,192
76	74	54 367	17 535,546	143 294,517	8,172	7,711
77	75	51 412	16 337,381	125 758,971	7,698	7,237
78	76	48 372	15 143,955	109 421,590	7,225	6,765
79	77	45 176	13 934,605	94 277,635	6,766	6,305
80	78	41 876	12 725,616	80 343,030	6,313	5,853
81	79	38 428	11 505,434	67 617,414	5,877	5,416
82	80	34 819	10 270,796	56 111,980	5,463	5,002
83	81	31 112	9 041,662	45 841,185	5,070	4,609
84	82	27 358	7 833,183	36 799,522	4,698	4,237
85	83	23 615	6 661,446	28 966,339	4,348	3,888
86	84	19 944	5 542,749	22 304,893	4,024	3,563
87	85	16 450	4 504,093	16 762,144	3,722	3,261
88	86	13 190	3 558,134	12 258,051	3,445	2,984
89	87	10 249	2 724,094	8 699,917	3,194	2,733
90	88	7 702	2 016,754	5 975,823	2,963	2,502
91	89	5 584	1 440,478	3 959,069	2,748	2,288
92	90	3 893	989,442	2 518,590	2,545	2,085
93	91	2 571	643,756	1 529,148	2,375	1,915
94	92	1 619	399,415	885,392	2,217	1,756
95	93	960	233,397	485,977	2,082	1,621
96	94	539	129,122	252,580	1,956	1,495
97	95	281	66,362	123,458	1,860	1,400
98	96	139	32,411	57,095	1,762	1,301
99	97	64	14,579	24,684	1,693	1,232
100	98	27	6,204	10,105	1,629	1,168

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 601	95 249,822	4 200 369,812	44,098	43,638
4	1	99 291	93 549,969	4 105 119,990	43,882	43,421
5	2	99 255	92 134,789	4 011 570,021	43,540	43,079
6	3	99 233	90 752,797	3 919 435,232	43,188	42,727
7	4	99 214	89 394,274	3 828 682,435	42,829	42,368
8	5	99 196	88 057,164	3 739 288,161	42,464	42,004
9	6	99 178	86 740,680	3 651 230,997	42,094	41,633
10	7	99 162	85 444,401	3 564 490,318	41,717	41,256
11	8	99 149	84 171,095	3 479 045,917	41,333	40,872
12	9	99 135	82 914,991	3 394 874,822	40,944	40,483
13	10	99 122	81 679,026	3 311 959,831	40,548	40,088
14	11	99 106	80 459,524	3 230 280,805	40,148	39,687
15	12	99 085	79 253,584	3 149 821,281	39,744	39,283
16	13	99 062	78 063,735	3 070 567,698	39,334	38,873
17	14	99 028	76 883,807	2 992 503,962	38,922	38,462
18	15	98 992	75 719,799	2 915 620,155	38,505	38,045
19	16	98 942	74 563,129	2 839 900,357	38,087	37,626
20	17	98 888	73 421,185	2 765 337,228	37,664	37,203
21	18	98 832	72 295,060	2 691 916,043	37,235	36,774
22	19	98 772	71 183,768	2 619 620,983	36,801	36,340
23	20	98 710	70 087,722	2 548 437,216	36,361	35,900
24	21	98 651	69 010,902	2 478 349,494	35,912	35,452
25	22	98 588	67 947,544	2 409 338,591	35,459	34,998
26	23	98 529	66 903,183	2 341 391,047	34,997	34,536
27	24	98 466	65 872,364	2 274 487,864	34,529	34,068
28	25	98 403	64 857,236	2 208 615,500	34,053	33,593
29	26	98 336	63 855,624	2 143 758,264	33,572	33,111
30	27	98 267	62 867,293	2 079 902,640	33,084	32,623
31	28	98 190	61 890,127	2 017 035,347	32,591	32,130
32	29	98 107	60 923,582	1 955 145,219	32,092	31,631
33	30	98 019	59 969,657	1 894 221,637	31,586	31,126
34	31	97 916	59 021,452	1 834 251,981	31,078	30,617
35	32	97 810	58 086,221	1 775 230,529	30,562	30,101
36	33	97 698	57 162,300	1 717 144,308	30,040	29,579
37	34	97 579	56 248,859	1 659 982,007	29,511	29,051
38	35	97 444	55 340,818	1 603 733,149	28,979	28,518
39	36	97 300	54 442,313	1 548 392,331	28,441	27,980
40	37	97 147	53 553,431	1 493 950,018	27,896	27,436
41	38	96 981	52 671,682	1 440 396,587	27,347	26,886
42	39	96 793	51 792,805	1 387 724,905	26,794	26,333
43	40	96 595	50 923,245	1 335 932,100	26,234	25,773
44	41	96 380	50 059,086	1 285 008,855	25,670	25,209
45	42	96 136	49 194,177	1 234 949,769	25,104	24,643
46	43	95 871	48 333,841	1 185 755,592	24,533	24,072
47	44	95 576	47 472,630	1 137 421,751	23,960	23,499
48	45	95 257	46 615,027	1 089 949,121	23,382	22,921
49	46	94 894	45 751,400	1 043 334,095	22,804	22,344
50	47	94 497	44 886,624	997 582,695	22,224	21,764
51	48	94 054	44 015,870	952 696,071	21,644	21,184
52	49	93 556	43 135,980	908 680,201	21,065	20,605
53	50	93 006	42 248,545	865 544,221	20,487	20,026
54	51	92 398	41 351,882	823 295,675	19,910	19,449
55	52	91 710	40 437,351	781 943,794	19,337	18,876
56	53	90 955	39 511,803	741 506,443	18,767	18,306
57	54	90 124	38 572,157	701 994,640	18,200	17,739
58	55	89 204	37 614,510	663 422,483	17,637	17,177
59	56	88 190	36 637,072	625 807,973	17,081	16,620
60	57	87 089	35 645,088	589 170,900	16,529	16,068
61	58	85 894	34 636,602	553 525,813	15,981	15,520
62	59	84 595	33 608,637	518 889,211	15,439	14,978
63	60	83 192	32 562,584	485 280,574	14,903	14,442
64	61	81 679	31 497,943	452 717,991	14,373	13,912
65	62	80 057	30 416,236	421 220,047	13,849	13,388
66	63	78 339	29 323,620	390 803,811	13,327	12,866
67	64	76 518	28 218,775	361 480,191	12,810	12,349
68	65	74 579	27 097,408	333 261,417	12,299	11,838
69	66	72 566	25 976,197	306 164,009	11,786	11,326
70	67	70 412	24 832,819	280 187,812	11,283	10,822
71	68	68 189	23 693,360	255 354,992	10,777	10,317
72	69	65 813	22 529,766	231 661,633	10,282	9,822
73	70	63 349	21 365,854	209 131,867	9,788	9,327
74	71	60 753	20 187,409	187 766,013	9,301	8,840
75	72	58 058	19 006,773	167 578,603	8,817	8,356
76	73	55 275	17 828,217	148 571,830	8,334	7,873
77	74	52 346	16 634,187	130 743,613	7,860	7,399
78	75	49 320	15 440,905	114 109,426	7,390	6,929
79	76	46 172	14 241,742	98 668,521	6,928	6,467
80	77	42 896	13 035,823	84 426,779	6,477	6,016
81	78	39 513	11 830,148	71 390,956	6,035	5,574
82	79	35 949	10 603,912	59 560,809	5,617	5,156
83	80	32 289	9 383,810	48 956,897	5,217	4,756
84	81	28 578	8 182,356	39 573,087	4,836	4,376
85	82	24 841	7 007,468	31 390,730	4,480	4,019
86	83	21 143	5 875,984	24 383,263	4,150	3,689
87	84	17 596	4 818,052	18 507,278	3,841	3,380
88	85	14 276	3 851,314	13 689,226	3,554	3,094
89	86	11 228	2 984,262	9 837,912	3,297	2,836
90	87	8 557	2 240,702	6 853,650	3,059	2,598
91	88	6 304	1 626,193	4 612,947	2,837	2,376
92	89	4 472	1 136,660	2 986,755	2,628	2,167
93	90	3 015	755,118	1 850,095	2,450	1,989
94	91	1 945	479,856	1 094,977	2,282	1,821
95	92	1 182	287,258	615,121	2,141	1,681
96	93	682	163,234	327,863	2,009	1,548
97	94	365	86,203	164,629	1,910	1,449
98	95	187	43,375	78,426	1,808	1,347
99	96	89	20,409	35,051	1,717	1,257
100	97	39	8,851	14,641	1,654	1,193

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4	0	99 590	93 831,966	4 115 066,144	43,856	43,395
5	1	99 280	92 157,638	4 021 234,177	43,634	43,174
6	2	99 245	90 764,072	3 929 076,539	43,289	42,828
7	3	99 224	89 403,494	3 838 312,467	42,932	42,472
8	4	99 205	88 065,590	3 748 908,973	42,570	42,109
9	5	99 187	86 748,407	3 660 843,382	42,201	41,740
10	6	99 170	85 451,960	3 574 094,975	41,826	41,365
11	7	99 154	84 175,006	3 488 643,015	41,445	40,984
12	8	99 142	82 920,769	3 404 468,010	41,057	40,596
13	9	99 128	81 684,023	3 321 547,241	40,663	40,203
14	10	99 112	80 464,231	3 239 863,218	40,265	39,804
15	11	99 093	79 259,713	3 159 398,988	39,861	39,401
16	12	99 070	78 069,866	3 080 139,275	39,454	38,993
17	13	99 037	76 891,051	3 002 069,409	39,043	38,582
18	14	99 001	75 726,781	2 925 178,358	38,628	38,167
19	15	98 954	74 572,202	2 849 451,577	38,211	37,750
20	16	98 902	73 431,997	2 774 879,375	37,788	37,328
21	17	98 845	72 304,905	2 701 447,378	37,362	36,901
22	18	98 791	71 197,795	2 629 142,473	36,927	36,467
23	19	98 727	70 099,975	2 557 944,678	36,490	36,029
24	20	98 670	69 023,663	2 487 844,703	36,043	35,583
25	21	98 604	67 958,750	2 418 821,040	35,592	35,132
26	22	98 545	66 914,078	2 350 862,289	35,133	34,672
27	23	98 484	65 884,221	2 283 948,212	34,666	34,205
28	24	98 421	64 868,908	2 218 063,991	34,193	33,732
29	25	98 355	63 867,773	2 153 195,083	33,713	33,253
30	26	98 285	62 879,127	2 089 327,310	33,228	32,767
31	27	98 211	61 903,448	2 026 448,183	32,736	32,275
32	28	98 130	60 937,942	1 964 544,735	32,238	31,778
33	29	98 045	59 985,179	1 903 606,793	31,735	31,274
34	30	97 947	59 040,175	1 843 621,614	31,227	30,766
35	31	97 841	58 104,466	1 784 581,439	30,713	30,253
36	32	97 732	57 181,893	1 726 476,973	30,193	29,732
37	33	97 614	56 269,134	1 669 295,080	29,666	29,205
38	34	97 484	55 363,295	1 613 025,946	29,135	28,674
39	35	97 340	54 464,760	1 557 662,651	28,599	28,139
40	36	97 191	53 577,996	1 503 197,891	28,056	27,595
41	37	97 027	52 696,695	1 449 619,895	27,509	27,048
42	38	96 851	51 824,068	1 396 923,200	26,955	26,494
43	39	96 653	50 953,876	1 345 099,132	26,398	25,938
44	40	96 447	50 093,435	1 294 145,256	25,835	25,374
45	41	96 207	49 230,621	1 244 051,822	25,270	24,809
46	42	95 948	48 372,237	1 194 821,201	24,701	24,240
47	43	95 663	47 515,777	1 146 448,964	24,128	23,667
48	44	95 349	46 660,314	1 098 933,187	23,552	23,091
49	45	95 004	45 804,177	1 052 272,873	22,973	22,512
50	46	94 612	44 941,341	1 006 468,696	22,395	21,934
51	47	94 183	44 076,267	961 527,355	21,815	21,354
52	48	93 706	43 204,851	917 451,087	21,235	20,774
53	49	93 169	42 322,528	874 246,237	20,657	20,196
54	50	92 569	41 428,657	831 923,709	20,081	19,620
55	51	91 907	40 524,182	790 495,051	19,507	19,046
56	52	91 167	39 604,199	749 970,870	18,937	18,476
57	53	90 356	38 671,453	710 366,671	18,369	17,908
58	54	89 463	37 723,481	671 695,218	17,806	17,345
59	55	88 477	36 756,363	633 971,737	17,248	16,787
60	56	87 401	35 773,046	597 215,373	16,695	16,234
61	57	86 233	34 773,056	561 442,327	16,146	15,685
62	58	84 965	33 755,453	526 669,271	15,602	15,142
63	59	83 585	32 716,559	492 913,818	15,066	14,605
64	60	82 112	31 665,007	460 197,259	14,533	14,073
65	61	80 515	30 590,168	428 532,252	14,009	13,548
66	62	78 822	29 504,615	397 942,084	13,487	13,027
67	63	77 038	28 410,514	368 437,469	12,968	12,508
68	64	75 141	27 301,422	340 026,955	12,455	11,994
69	65	73 149	26 184,903	312 725,533	11,943	11,482
70	66	71 035	25 052,331	286 540,631	11,438	10,977
71	67	68 842	23 920,176	261 488,300	10,932	10,471
72	68	66 509	22 768,049	237 568,124	10,434	9,973
73	69	64 090	21 615,614	214 800,075	9,937	9,476
74	70	61 528	20 444,992	193 184,461	9,449	8,988
75	71	58 864	19 270,818	172 739,470	8,964	8,503
76	72	56 106	18 096,288	153 468,652	8,481	8,020
77	73	53 220	16 911,814	135 372,364	8,005	7,544
78	74	50 216	15 721,425	118 460,550	7,535	7,074
79	75	47 078	14 521,000	102 739,124	7,075	6,614
80	76	43 842	13 323,149	88 218,124	6,621	6,161
81	77	40 476	12 118,526	74 894,975	6,180	5,719
82	78	36 963	10 903,183	62 776,449	5,758	5,297
83	79	33 337	9 688,158	51 873,266	5,354	4,893
84	80	29 659	8 491,987	42 185,108	4,968	4,507
85	81	25 949	7 319,833	33 693,121	4,603	4,142
86	82	22 241	6 181,206	26 373,288	4,267	3,806
87	83	18 654	5 107,718	20 192,082	3,953	3,492
88	84	15 272	4 119,771	15 084,364	3,661	3,201
89	85	12 154	3 230,157	10 964,592	3,394	2,934
90	86	9 374	2 454,703	7 734,435	3,151	2,690
91	87	7 003	1 806,771	5 279,732	2,922	2,461
92	88	5 049	1 283,205	3 472,961	2,706	2,246
93	89	3 464	867,471	2 189,756	2,524	2,064
94	90	2 281	562,865	1 322,285	2,349	1,888
95	91	1 420	345,111	759,421	2,201	1,740
96	92	839	200,904	414,310	2,062	1,601
97	93	462	108,977	213,406	1,958	1,497
98	94	242	56,344	104,429	1,853	1,393
99	95	119	27,313	48,086	1,761	1,300
100	96	55	12,390	20,773	1,677	1,216

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5	0	99 579	92 435,438	4 030 419,721	43,603	43,142
6	1	99 270	90 786,582	3 937 984,282	43,376	42,915
7	2	99 236	89 414,602	3 847 197,700	43,027	42,566
8	3	99 215	88 074,673	3 757 783,099	42,666	42,205
9	4	99 197	86 756,709	3 669 708,425	42,299	41,838
10	5	99 179	85 459,573	3 582 951,717	41,926	41,465
11	6	99 163	84 182,452	3 497 492,144	41,547	41,086
12	7	99 146	82 924,621	3 413 309,692	41,162	40,701
13	8	99 135	81 689,715	3 330 385,070	40,769	40,308
14	9	99 118	80 469,153	3 248 695,355	40,372	39,911
15	10	99 099	79 264,349	3 168 226,202	39,970	39,510
16	11	99 077	78 075,903	3 088 961,853	39,564	39,103
17	12	99 045	76 897,089	3 010 885,950	39,155	38,694
18	13	99 010	75 733,916	2 933 988,861	38,741	38,280
19	14	98 963	74 579,078	2 858 254,944	38,325	37,864
20	15	98 914	73 440,933	2 783 675,866	37,904	37,443
21	16	98 860	72 315,553	2 710 234,933	37,478	37,017
22	17	98 805	71 207,491	2 637 919,380	37,046	36,585
23	18	98 747	70 113,788	2 566 711,889	36,608	36,147
24	19	98 687	69 035,730	2 496 598,101	36,164	35,703
25	20	98 623	67 971,317	2 427 562,371	35,715	35,254
26	21	98 561	66 925,113	2 359 591,054	35,257	34,796
27	22	98 500	65 894,949	2 292 665,940	34,793	34,332
28	23	98 438	64 880,585	2 226 770,991	34,321	33,860
29	24	98 373	63 879,267	2 161 890,407	33,843	33,383
30	25	98 304	62 891,090	2 098 011,140	33,359	32,899
31	26	98 230	61 915,100	2 035 120,049	32,870	32,409
32	27	98 151	60 951,058	1 973 204,949	32,374	31,913
33	28	98 068	59 999,317	1 912 253,892	31,871	31,410
34	29	97 973	59 055,457	1 852 254,574	31,365	30,904
35	30	97 872	58 122,898	1 793 199,117	30,852	30,391
36	31	97 763	57 199,853	1 735 076,219	30,334	29,873
37	32	97 648	56 288,420	1 677 876,366	29,809	29,348
38	33	97 519	55 383,251	1 621 587,945	29,279	28,819
39	34	97 380	54 486,881	1 566 204,694	28,745	28,284
40	35	97 232	53 600,087	1 511 717,813	28,204	27,743
41	36	97 071	52 720,868	1 458 117,726	27,657	27,197
42	37	96 897	51 848,678	1 405 396,859	27,106	26,645
43	38	96 712	50 984,632	1 353 548,180	26,548	26,087
44	39	96 505	50 123,566	1 302 563,548	25,987	25,526
45	40	96 273	49 264,401	1 252 439,982	25,423	24,962
46	41	96 019	48 408,071	1 203 175,581	24,855	24,394
47	42	95 739	47 553,523	1 154 767,509	24,284	23,823
48	43	95 436	46 702,723	1 107 213,986	23,708	23,247
49	44	95 096	45 848,677	1 060 511,263	23,131	22,670
50	45	94 722	44 993,184	1 014 662,586	22,551	22,091
51	46	94 298	44 129,996	969 669,402	21,973	21,512
52	47	93 834	43 264,136	925 539,406	21,393	20,932
53	48	93 318	42 390,100	882 275,270	20,813	20,352
54	49	92 731	41 501,204	839 885,170	20,238	19,777
55	50	92 077	40 599,420	798 383,966	19,665	19,204
56	51	91 363	39 689,241	757 784,545	19,093	18,632
57	52	90 567	38 761,883	718 095,305	18,526	18,065
58	53	89 693	37 820,592	679 333,422	17,962	17,501
59	54	88 733	36 862,849	641 512,830	17,403	16,942
60	55	87 686	35 889,524	604 649,981	16,848	16,387
61	56	86 542	34 897,885	568 760,457	16,298	15,837
62	57	85 299	33 888,436	533 862,572	15,754	15,293
63	58	83 950	32 859,479	499 974,137	15,216	14,755
64	59	82 500	31 814,738	467 114,658	14,682	14,222
65	60	80 942	30 752,417	435 299,920	14,155	13,694
66	61	79 273	29 673,334	404 547,503	13,633	13,173
67	62	77 513	28 585,873	374 874,169	13,114	12,653
68	63	75 651	27 486,929	346 288,297	12,598	12,137
69	64	73 700	26 382,047	318 801,368	12,084	11,623
70	65	71 606	25 253,613	292 419,321	11,579	11,119
71	66	69 451	24 131,620	267 165,708	11,071	10,610
72	67	67 146	22 986,007	243 034,088	10,573	10,112
73	68	64 768	21 844,229	220 048,081	10,074	9,613
74	69	62 247	20 683,987	198 203,853	9,582	9,122
75	70	59 616	19 516,705	177 519,866	9,096	8,635
76	71	56 885	18 347,684	158 003,161	8,612	8,151
77	72	54 020	17 166,106	139 655,477	8,136	7,675
78	73	51 054	15 983,818	122 489,372	7,663	7,203
79	74	47 933	14 784,808	106 505,553	7,204	6,743
80	75	44 702	13 584,395	91 720,745	6,752	6,291
81	76	41 368	12 385,634	78 136,350	6,309	5,848
82	77	37 864	11 168,965	65 750,716	5,887	5,426
83	78	34 278	9 961,584	54 581,751	5,479	5,018
84	79	30 621	8 767,410	44 620,167	5,089	4,629
85	80	26 931	7 596,825	35 852,756	4,719	4,259
86	81	23 232	6 456,740	28 255,931	4,376	3,915
87	82	19 623	5 373,033	21 799,192	4,057	3,596
88	83	16 190	4 367,456	16 426,158	3,761	3,300
89	84	13 001	3 455,316	12 058,702	3,490	3,029
90	85	10 147	2 656,964	8 603,386	3,238	2,777
91	86	7 672	1 979,329	5 946,422	3,004	2,543
92	87	5 609	1 425,697	3 967,093	2,783	2,322
93	88	3 911	979,310	2 541,397	2,595	2,134
94	89	2 621	646,613	1 562,087	2,416	1,955
95	90	1 665	404,811	915,474	2,261	1,801
96	91	1 008	241,365	510,663	2,116	1,655
97	92	568	134,126	269,299	2,008	1,547
98	93	306	71,228	135,173	1,898	1,437
99	94	155	35,480	63,945	1,802	1,342
100	95	73	16,582	28,465	1,717	1,256

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	91 060,249	3 946 457,238	43,339	42,878
7	1	99 261	89 436,777	3 855 396,989	43,108	42,647
8	2	99 228	88 085,616	3 765 960,212	42,753	42,293
9	3	99 207	86 765,656	3 677 874,596	42,389	41,928
10	4	99 189	85 467,751	3 591 108,939	42,017	41,556
11	5	99 171	84 189,952	3 505 641,189	41,640	41,179
12	6	99 155	82 931,958	3 421 451,237	41,256	40,795
13	7	99 139	81 693,510	3 338 519,279	40,866	40,406
14	8	99 125	80 474,761	3 256 825,769	40,470	40,009
15	9	99 105	79 269,198	3 176 351,008	40,070	39,610
16	10	99 083	78 080,470	3 097 081,810	39,665	39,204
17	11	99 053	76 903,036	3 019 001,339	39,257	38,796
18	12	99 018	75 739,864	2 942 098,303	38,845	38,384
19	13	98 972	74 586,105	2 866 358,439	38,430	37,969
20	14	98 923	73 447,705	2 791 772,334	38,010	37,550
21	15	98 872	72 324,353	2 718 324,629	37,585	37,124
22	16	98 819	71 217,977	2 646 000,276	37,154	36,693
23	17	98 760	70 123,337	2 574 782,299	36,718	36,257
24	18	98 706	69 049,334	2 504 658,962	36,273	35,813
25	19	98 640	67 983,200	2 435 609,628	35,827	35,366
26	20	98 579	66 937,489	2 367 626,429	35,371	34,910
27	21	98 516	65 905,817	2 300 688,940	34,909	34,448
28	22	98 454	64 891,149	2 234 783,123	34,439	33,978
29	23	98 391	63 890,765	2 169 891,974	33,963	33,502
30	24	98 322	62 902,409	2 106 001,209	33,480	33,020
31	25	98 249	61 926,880	2 043 098,800	32,992	32,531
32	26	98 169	60 962,530	1 981 171,920	32,498	32,037
33	27	98 089	60 012,231	1 920 209,389	31,997	31,536
34	28	97 996	59 069,376	1 860 197,158	31,492	31,031
35	29	97 897	58 137,942	1 801 127,782	30,980	30,519
36	30	97 794	57 217,999	1 742 989,840	30,462	30,001
37	31	97 679	56 306,100	1 685 771,841	29,939	29,479
38	32	97 552	55 402,234	1 629 465,740	29,412	28,951
39	33	97 415	54 506,522	1 574 063,507	28,878	28,418
40	34	97 271	53 621,857	1 519 556,985	28,338	27,878
41	35	97 111	52 742,604	1 465 935,128	27,794	27,333
42	36	96 942	51 872,462	1 413 192,523	27,244	26,783
43	37	96 758	51 008,844	1 361 320,062	26,688	26,227
44	38	96 563	50 153,822	1 310 311,217	26,126	25,665
45	39	96 331	49 294,034	1 260 157,396	25,564	25,103
46	40	96 085	48 441,287	1 210 863,362	24,997	24,536
47	41	95 809	47 588,751	1 162 422,074	24,426	23,966
48	42	95 512	46 739,823	1 114 833,323	23,852	23,391
49	43	95 183	45 890,348	1 068 093,500	23,275	22,814
50	44	94 814	45 036,895	1 022 203,151	22,697	22,236
51	45	94 407	44 180,903	977 166,256	22,117	21,657
52	46	93 949	43 316,875	932 985,353	21,539	21,078
53	47	93 446	42 448,267	889 668,478	20,959	20,498
54	48	92 879	41 567,465	847 220,211	20,382	19,921
55	49	92 238	40 670,515	805 652,746	19,809	19,348
56	50	91 533	39 762,929	764 982,231	19,239	18,778
57	51	90 761	38 845,116	725 219,301	18,670	18,209
58	52	89 903	37 909,033	686 374,185	18,106	17,645
59	53	88 961	36 957,744	648 465,153	17,546	17,085
60	54	87 940	35 993,498	611 507,408	16,989	16,529
61	55	86 824	35 011,513	575 513,910	16,438	15,977
62	56	85 606	34 010,088	540 502,397	15,892	15,432
63	57	84 281	32 988,932	506 492,309	15,353	14,893
64	58	82 861	31 953,718	473 503,377	14,818	14,358
65	59	81 324	30 897,833	441 549,659	14,291	13,830
66	60	79 693	29 830,719	410 651,826	13,766	13,305
67	61	77 957	28 749,338	380 821,107	13,246	12,785
68	62	76 118	27 656,586	352 071,769	12,730	12,269
69	63	74 200	26 561,306	324 415,183	12,214	11,753
70	64	72 145	25 443,746	297 853,877	11,706	11,246
71	65	70 009	24 325,505	272 410,131	11,199	10,738
72	66	67 739	23 189,193	248 084,626	10,698	10,237
73	67	65 388	22 053,343	224 895,433	10,198	9,737
74	68	62 906	20 902,748	202 842,089	9,704	9,243
75	69	60 312	19 744,848	181 939,341	9,215	8,754
76	70	57 611	18 581,792	162 194,493	8,729	8,268
77	71	54 771	17 404,580	143 612,701	8,251	7,791
78	72	51 822	16 224,156	126 208,121	7,779	7,318
79	73	48 733	15 031,569	109 983,965	7,317	6,856
80	74	45 514	13 831,188	94 952,396	6,865	6,404
81	75	42 179	12 628,497	81 121,208	6,424	5,963
82	76	38 699	11 415,143	68 492,711	6,000	5,539
83	77	35 113	10 204,413	57 077,568	5,593	5,133
84	78	31 485	9 014,850	46 873,154	5,200	4,739
85	79	27 804	7 843,215	37 858,304	4,827	4,366
86	80	24 111	6 701,071	30 015,089	4,479	4,018
87	81	20 498	5 612,542	23 314,018	4,154	3,693
88	82	17 031	4 594,319	17 701,476	3,853	3,392
89	83	13 782	3 663,053	13 107,157	3,578	3,117
90	84	10 854	2 842,168	9 444,104	3,323	2,862
91	85	8 305	2 142,420	6 601,936	3,082	2,621
92	86	6 145	1 561,860	4 459,515	2,855	2,394
93	87	4 345	1 088,056	2 897,656	2,663	2,202
94	88	2 959	729,978	1 809,600	2,479	2,018
95	89	1 913	465,042	1 079,622	2,322	1,861
96	90	1 182	283,118	614,580	2,171	1,710
97	91	683	161,138	331,463	2,057	1,596
98	92	377	87,666	170,325	1,943	1,482
99	93	196	44,853	82,659	1,843	1,382
100	94	95	21,539	37,806	1,755	1,294

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 560	89 706,375	3 863 205,390	43,065	42,604
8	1	99 252	88 107,461	3 773 499,014	42,828	42,368
9	2	99 219	86 776,436	3 685 391,553	42,470	42,009
10	3	99 199	85 476,566	3 598 615,117	42,101	41,640
11	4	99 181	84 198,008	3 513 138,551	41,725	41,264
12	5	99 164	82 939,346	3 428 940,543	41,343	40,882
13	6	99 148	81 700,737	3 346 001,197	40,954	40,494
14	7	99 130	80 478,500	3 264 300,459	40,561	40,100
15	8	99 112	79 274,723	3 183 821,960	40,162	39,701
16	9	99 089	78 085,247	3 104 547,237	39,758	39,298
17	10	99 058	76 907,535	3 026 461,990	39,352	38,891
18	11	99 025	75 745,721	2 949 554,456	38,940	38,479
19	12	98 980	74 591,963	2 873 808,735	38,527	38,066
20	13	98 933	73 454,625	2 799 216,772	38,108	37,647
21	14	98 881	72 331,022	2 725 762,147	37,685	37,224
22	15	98 832	71 226,643	2 653 431,124	37,253	36,793
23	16	98 775	70 133,663	2 582 204,481	36,818	36,358
24	17	98 720	69 058,737	2 512 070,817	36,376	35,915
25	18	98 659	67 996,596	2 443 012,080	35,928	35,468
26	19	98 597	66 949,191	2 375 015,484	35,475	35,014
27	20	98 534	65 918,004	2 308 066,293	35,014	34,553
28	21	98 471	64 901,852	2 242 148,290	34,547	34,086
29	22	98 407	63 901,169	2 177 246,438	34,072	33,611
30	23	98 339	62 913,731	2 113 345,269	33,591	33,130
31	24	98 266	61 938,025	2 050 431,538	33,105	32,644
32	25	98 188	60 974,129	1 988 493,513	32,612	32,151
33	26	98 107	60 023,527	1 927 519,384	32,113	31,652
34	27	98 017	59 082,090	1 867 495,857	31,608	31,148
35	28	97 920	58 151,645	1 808 413,767	31,098	30,637
36	29	97 819	57 232,809	1 750 262,122	30,581	30,121
37	30	97 709	56 323,962	1 693 029,313	30,059	29,598
38	31	97 583	55 419,635	1 636 705,350	29,533	29,072
39	32	97 448	54 525,204	1 581 285,715	29,001	28,540
40	33	97 306	53 641,185	1 526 760,511	28,462	28,002
41	34	97 151	52 764,026	1 473 119,325	27,919	27,458
42	35	96 982	51 893,849	1 420 355,299	27,370	26,910
43	36	96 802	51 032,243	1 368 461,450	26,816	26,355
44	37	96 609	50 177,639	1 317 429,208	26,255	25,795
45	38	96 389	49 323,788	1 267 251,569	25,693	25,232
46	39	96 142	48 470,425	1 217 927,780	25,127	24,666
47	40	95 875	47 621,405	1 169 457,355	24,557	24,097
48	41	95 583	46 774,449	1 121 835,950	23,984	23,523
49	42	95 258	45 926,803	1 075 061,501	23,408	22,947
50	43	94 900	45 077,829	1 029 134,698	22,830	22,369
51	44	94 498	44 223,826	984 056,869	22,252	21,791
52	45	94 057	43 366,843	939 833,043	21,672	21,211
53	46	93 560	42 500,011	896 466,200	21,093	20,633
54	47	93 007	41 624,503	853 966,188	20,516	20,055
55	48	92 386	40 735,450	812 341,685	19,942	19,481
56	49	91 693	39 832,560	771 606,235	19,371	18,910
57	50	90 930	38 917,238	731 773,676	18,803	18,343
58	51	90 096	37 990,435	692 856,438	18,238	17,777
59	52	89 169	37 044,167	654 866,004	17,678	17,217
60	53	88 166	36 086,156	617 821,836	17,121	16,660
61	54	87 075	35 112,943	581 735,681	16,568	16,107
62	55	85 884	34 120,826	546 622,737	16,020	15,559
63	56	84 583	33 107,355	512 501,912	15,480	15,019
64	57	83 187	32 079,603	479 394,556	14,944	14,483
65	58	81 680	31 032,807	447 314,954	14,414	13,953
66	59	80 070	29 971,777	416 282,147	13,889	13,428
67	60	78 370	28 901,823	386 310,369	13,366	12,906
68	61	76 554	27 814,738	357 408,547	12,850	12,389
69	62	74 658	26 725,251	329 593,809	12,333	11,872
70	63	72 635	25 616,630	302 868,558	11,823	11,362
71	64	70 536	24 508,650	277 251,928	11,312	10,852
72	65	68 284	23 375,506	252 743,278	10,812	10,352
73	66	65 966	22 248,285	229 367,772	10,309	9,849
74	67	63 508	21 102,850	207 119,487	9,815	9,354
75	68	60 950	19 953,677	186 016,637	9,322	8,862
76	69	58 285	18 799,007	166 062,960	8,834	8,373
77	70	55 470	17 626,654	147 263,953	8,355	7,894
78	71	52 542	16 449,544	129 637,298	7,881	7,420
79	72	49 466	15 257,589	113 187,754	7,418	6,958
80	73	46 273	14 062,032	97 930,166	6,964	6,503
81	74	42 946	12 857,924	83 868,133	6,523	6,062
82	75	39 458	11 638,977	71 010,210	6,101	5,640
83	76	35 887	10 429,332	59 371,233	5,693	5,232
84	77	32 253	9 234,601	48 941,902	5,300	4,839
85	78	28 589	8 064,572	39 707,300	4,924	4,463
86	79	24 893	6 918,409	31 642,728	4,574	4,113
87	80	21 273	5 824,928	24 724,319	4,245	3,784
88	81	17 790	4 799,115	18 899,392	3,938	3,477
89	82	14 498	3 853,327	14 100,276	3,659	3,198
90	83	11 507	3 013,042	10 246,950	3,401	2,940
91	84	8 883	2 291,759	7 233,908	3,156	2,696
92	85	6 651	1 690,552	4 942,149	2,923	2,463
93	86	4 760	1 191,972	3 251,597	2,728	2,267
94	87	3 287	811,037	2 059,624	2,539	2,079
95	88	2 160	524,998	1 248,587	2,378	1,917
96	89	1 358	325,242	723,590	2,225	1,764
97	90	801	189,013	398,347	2,108	1,647
98	91	453	105,321	209,335	1,988	1,527
99	92	241	55,203	104,013	1,884	1,423
100	93	121	27,230	48,810	1,793	1,332

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 552	88 373,052	3 780 690,133	42,781	42,320
9	1	99 244	86 797,957	3 692 317,080	42,539	42,078
10	2	99 211	85 487,185	3 605 519,123	42,176	41,715
11	3	99 191	84 206,693	3 520 031,938	41,802	41,341
12	4	99 173	82 947,283	3 435 825,245	41,422	40,961
13	5	99 157	81 708,016	3 352 877,962	41,035	40,574
14	6	99 139	80 485,619	3 271 169,946	40,643	40,182
15	7	99 116	79 278,405	3 190 684,327	40,247	39,786
16	8	99 096	78 090,689	3 111 405,922	39,843	39,383
17	9	99 065	76 912,240	3 033 315,233	39,439	38,978
18	10	99 031	75 750,152	2 956 402,993	39,028	38,568
19	11	98 988	74 597,731	2 880 652,841	38,616	38,155
20	12	98 940	73 460,394	2 806 055,110	38,198	37,737
21	13	98 890	72 337,838	2 732 594,716	37,775	37,315
22	14	98 841	71 233,211	2 660 256,879	37,346	36,885
23	15	98 787	70 142,198	2 589 023,667	36,911	36,450
24	16	98 734	69 068,907	2 518 881,470	36,469	36,008
25	17	98 673	68 005,856	2 449 812,563	36,024	35,563
26	18	98 616	66 962,383	2 381 806,706	35,569	35,109
27	19	98 551	65 929,527	2 314 844,323	35,111	34,650
28	20	98 489	64 913,853	2 248 914,796	34,645	34,184
29	21	98 423	63 911,708	2 184 000,943	34,172	33,711
30	22	98 355	62 923,975	2 120 089,235	33,693	33,232
31	23	98 284	61 949,174	2 057 165,259	33,207	32,747
32	24	98 206	60 985,103	1 995 216,086	32,716	32,256
33	25	98 126	60 034,947	1 934 230,983	32,218	31,758
34	26	98 035	59 093,211	1 874 196,036	31,716	31,255
35	27	97 942	58 164,161	1 815 102,825	31,207	30,746
36	28	97 842	57 246,299	1 756 938,663	30,691	30,230
37	29	97 735	56 338,541	1 699 692,365	30,169	29,708
38	30	97 614	55 437,216	1 643 353,824	29,644	29,183
39	31	97 479	54 542,330	1 587 916,608	29,113	28,653
40	32	97 339	53 659,571	1 533 374,277	28,576	28,115
41	33	97 186	52 783,046	1 479 714,707	28,034	27,573
42	34	97 021	51 914,926	1 426 931,661	27,486	27,025
43	35	96 842	51 053,283	1 375 016,735	26,933	26,472
44	36	96 653	50 200,656	1 323 963,452	26,373	25,913
45	37	96 435	49 347,212	1 273 762,795	25,812	25,351
46	38	96 200	48 499,683	1 224 415,584	25,246	24,785
47	39	95 933	47 650,050	1 175 915,901	24,678	24,217
48	40	95 648	46 806,544	1 128 265,851	24,105	23,644
49	41	95 329	45 960,826	1 081 459,308	23,530	23,069
50	42	94 975	45 113,638	1 035 498,481	22,953	22,492
51	43	94 584	44 264,020	990 384,843	22,374	21,914
52	44	94 149	43 408,975	946 120,823	21,796	21,335
53	45	93 668	42 549,038	902 711,847	21,216	20,755
54	46	93 120	41 675,243	860 162,810	20,640	20,179
55	47	92 512	40 791,346	818 487,566	20,065	19,604
56	48	91 839	39 896,156	777 696,220	19,493	19,032
57	49	91 089	38 985,387	737 800,064	18,925	18,464
58	50	90 263	38 060,969	698 814,677	18,360	17,900
59	51	89 361	37 123,712	660 753,708	17,799	17,338
60	52	88 373	36 170,540	623 629,996	17,241	16,781
61	53	87 300	35 203,334	587 459,455	16,688	16,227
62	54	86 133	34 219,676	552 256,122	16,139	15,678
63	55	84 859	33 215,154	518 036,446	15,596	15,136
64	56	83 486	32 194,762	484 821,292	15,059	14,598
65	57	82 001	31 155,064	452 626,530	14,528	14,067
66	58	80 420	30 102,706	421 471,466	14,001	13,540
67	59	78 741	29 038,488	391 368,760	13,478	13,017
68	60	76 960	27 962,265	362 330,272	12,958	12,497
69	61	75 085	26 878,076	334 368,006	12,440	11,979
70	62	73 083	25 774,743	307 489,930	11,930	11,469
71	63	71 015	24 675,180	281 715,186	11,417	10,956
72	64	68 798	23 551,499	257 040,006	10,914	10,453
73	65	66 496	22 427,039	233 488,507	10,411	9,950
74	66	64 069	21 289,390	211 061,469	9,914	9,453
75	67	61 534	20 144,693	189 772,079	9,420	8,960
76	68	58 901	18 997,832	169 627,385	8,929	8,468
77	69	56 118	17 832,704	150 629,553	8,447	7,986
78	70	53 212	16 659,433	132 796,849	7,971	7,510
79	71	50 153	15 469,549	116 137,416	7,507	7,047
80	72	46 969	14 273,474	100 667,867	7,053	6,592
81	73	43 663	13 072,524	86 394,394	6,609	6,148
82	74	40 174	11 850,426	73 321,869	6,187	5,726
83	75	36 591	10 633,835	61 471,444	5,781	5,320
84	76	32 964	9 438,144	50 837,609	5,386	4,926
85	77	29 286	8 261,159	41 399,465	5,011	4,551
86	78	25 596	7 113,665	33 138,306	4,658	4,198
87	79	21 963	6 013,850	26 024,642	4,327	3,867
88	80	18 463	4 980,720	20 010,792	4,018	3,557
89	81	15 144	4 025,093	15 030,072	3,734	3,273
90	82	12 104	3 169,551	11 004,979	3,472	3,011
91	83	9 417	2 429,541	7 835,428	3,225	2,764
92	84	7 115	1 808,393	5 405,887	2,989	2,529
93	85	5 152	1 290,187	3 597,494	2,788	2,328
94	86	3 601	888,496	2 307,306	2,597	2,136
95	87	2 400	583,296	1 418,810	2,432	1,972
96	88	1 533	367,174	835,515	2,276	1,815
97	89	920	217,136	468,340	2,157	1,696
98	90	531	123,541	251,205	2,033	1,573
99	91	290	66,321	127,664	1,925	1,464
100	92	149	33,513	61,343	1,830	1,370

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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9	0	99 543	87 059,601	3 698 936,806	42,487	42,027
10	1	99 236	85 508,386	3 611 877,205	42,240	41,779
11	2	99 204	84 217,155	3 526 368,819	41,872	41,412
12	3	99 184	82 955,838	3 442 151,665	41,494	41,033
13	4	99 166	81 715,835	3 359 195,827	41,108	40,647
14	5	99 147	80 492,790	3 277 479,992	40,718	40,257
15	6	99 125	79 285,419	3 196 987,202	40,323	39,862
16	7	99 101	78 094,317	3 117 701,783	39,922	39,461
17	8	99 071	76 917,600	3 039 607,466	39,518	39,057
18	9	99 037	75 754,786	2 962 689,867	39,109	38,648
19	10	98 993	74 602,095	2 886 935,081	38,698	38,237
20	11	98 948	73 466,075	2 812 332,986	38,281	37,820
21	12	98 898	72 343,518	2 738 866,911	37,859	37,398
22	13	98 850	71 239,923	2 666 523,393	37,430	36,969
23	14	98 796	70 148,666	2 595 283,470	36,997	36,536
24	15	98 746	69 077,312	2 525 134,804	36,555	36,094
25	16	98 687	68 015,871	2 456 057,492	36,110	35,649
26	17	98 630	66 971,503	2 388 041,621	35,658	35,197
27	18	98 571	65 942,519	2 321 070,119	35,198	34,738
28	19	98 506	64 925,201	2 255 127,599	34,734	34,273
29	20	98 441	63 923,526	2 190 202,398	34,263	33,802
30	21	98 371	62 934,353	2 126 278,872	33,786	33,325
31	22	98 300	61 959,261	2 063 344,519	33,302	32,841
32	23	98 223	60 996,080	2 001 385,258	32,812	32,351
33	24	98 144	60 045,752	1 940 389,178	32,315	31,854
34	25	98 054	59 104,454	1 880 343,426	31,814	31,353
35	26	97 960	58 175,110	1 821 238,972	31,306	30,845
36	27	97 863	57 258,620	1 763 063,862	30,791	30,330
37	28	97 758	56 351,820	1 705 805,243	30,271	29,810
38	29	97 639	55 451,565	1 649 453,423	29,746	29,285
39	30	97 510	54 559,633	1 594 001,858	29,216	28,755
40	31	97 370	53 676,425	1 539 442,225	28,680	28,219
41	32	97 219	52 801,137	1 485 765,800	28,139	27,678
42	33	97 056	51 933,639	1 432 964,663	27,592	27,131
43	34	96 881	51 074,019	1 381 031,023	27,040	26,579
44	35	96 693	50 221,354	1 329 957,004	26,482	26,021
45	36	96 479	49 369,848	1 279 735,650	25,921	25,461
46	37	96 246	48 522,715	1 230 365,803	25,356	24,896
47	38	95 991	47 678,812	1 181 843,088	24,788	24,327
48	39	95 706	46 834,698	1 134 164,276	24,216	23,756
49	40	95 394	45 992,363	1 087 329,578	23,642	23,181
50	41	95 046	45 147,059	1 041 337,215	23,065	22,605
51	42	94 659	44 299,183	996 190,156	22,488	22,027
52	43	94 234	43 448,429	951 890,973	21,909	21,448
53	44	93 759	42 590,375	908 442,543	21,330	20,869
54	45	93 228	41 723,318	865 852,168	20,752	20,291
55	46	92 625	40 841,071	824 128,850	20,179	19,718
56	47	91 966	39 950,901	783 287,779	19,606	19,145
57	48	91 235	39 047,631	743 336,878	19,037	18,576
58	49	90 421	38 127,619	704 289,247	18,472	18,011
59	50	89 527	37 192,637	666 161,628	17,911	17,450
60	51	88 562	36 248,209	628 968,991	17,352	16,891
61	52	87 504	35 285,654	592 720,782	16,798	16,337
62	53	86 355	34 307,767	557 435,127	16,248	15,787
63	54	85 105	33 311,380	523 127,360	15,704	15,243
64	55	83 757	32 299,589	489 815,980	15,165	14,704
65	56	82 296	31 266,904	457 516,392	14,633	14,172
66	57	80 737	30 221,299	426 249,488	14,104	13,643
67	58	79 085	29 165,340	396 028,189	13,579	13,118
68	59	77 324	28 094,488	366 862,849	13,058	12,597
69	60	75 484	27 020,636	338 768,360	12,537	12,077
70	61	73 501	25 922,134	311 747,724	12,026	11,566
71	62	71 453	24 827,483	285 825,591	11,512	11,052
72	63	69 265	23 711,526	260 998,108	11,007	10,546
73	64	66 996	22 595,890	237 286,582	10,501	10,041
74	65	64 584	21 460,439	214 690,692	10,004	9,543
75	66	62 078	20 322,764	193 230,253	9,508	9,047
76	67	59 465	19 179,698	172 907,489	9,015	8,554
77	68	56 712	18 021,309	153 727,791	8,530	8,070
78	69	53 834	16 854,176	135 706,481	8,052	7,591
79	70	50 793	15 666,933	118 852,305	7,586	7,125
80	71	47 622	14 471,762	103 185,372	7,130	6,669
81	72	44 319	13 269,087	88 713,609	6,686	6,225
82	73	40 845	12 048,211	75 444,522	6,262	5,801
83	74	37 256	10 827,023	63 396,311	5,855	5,395
84	75	33 610	9 623,211	52 569,288	5,463	5,002
85	76	29 931	8 443,245	42 946,077	5,086	4,626
86	77	26 220	7 287,072	34 502,832	4,735	4,274
87	78	22 583	6 183,576	27 215,760	4,401	3,941
88	79	19 062	5 142,261	21 032,184	4,090	3,629
89	80	15 718	4 177,407	15 889,922	3,804	3,343
90	81	12 644	3 310,838	11 712,515	3,538	3,077
91	82	9 907	2 555,741	8 401,677	3,287	2,827
92	83	7 543	1 917,115	5 845,936	3,049	2,589
93	84	5 511	1 380,120	3 928,821	2,847	2,386
94	85	3 898	961,706	2 548,700	2,650	2,189
95	86	2 629	639,004	1 586,995	2,484	2,023
96	87	1 704	407,947	947,991	2,324	1,863
97	88	1 039	245,130	540,044	2,203	1,742
98	89	611	141,922	294,914	2,078	1,617
99	90	340	77,794	152,992	1,967	1,506
100	91	178	40,263	75,198	1,868	1,407

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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9						
10	0	99 535	85 766,143	3 617 969,495	42,184	41,723
11	1	99 228	84 238,040	3 532 203,351	41,931	41,470
12	2	99 196	82 966,144	3 447 965,311	41,559	41,098
13	3	99 177	81 724,263	3 364 999,167	41,175	40,714
14	4	99 157	80 500,492	3 283 274,904	40,786	40,325
15	5	99 134	79 292,482	3 202 774,411	40,392	39,931
16	6	99 109	78 101,226	3 123 481,929	39,993	39,532
17	7	99 076	76 921,173	3 045 380,703	39,591	39,130
18	8	99 044	75 760,065	2 968 459,530	39,182	38,722
19	9	98 999	74 606,659	2 892 699,465	38,773	38,312
20	10	98 954	73 470,372	2 818 092,806	38,357	37,896
21	11	98 905	72 349,113	2 744 622,434	37,936	37,475
22	12	98 858	71 245,518	2 672 273,321	37,508	37,047
23	13	98 805	70 155,275	2 601 027,803	37,075	36,615
24	14	98 755	69 083,682	2 530 872,528	36,635	36,174
25	15	98 699	68 024,148	2 461 788,846	36,190	35,729
26	16	98 644	66 981,365	2 393 764,699	35,738	35,277
27	17	98 584	65 951,499	2 326 783,334	35,280	34,819
28	18	98 525	64 937,995	2 260 831,834	34,815	34,354
29	19	98 458	63 934,701	2 195 893,839	34,346	33,885
30	20	98 390	62 945,991	2 131 959,138	33,870	33,409
31	21	98 316	61 969,480	2 069 013,147	33,388	32,927
32	22	98 239	61 006,012	2 007 043,667	32,899	32,438
33	23	98 161	60 056,560	1 946 037,655	32,403	31,943
34	24	98 072	59 115,091	1 885 981,096	31,904	31,443
35	25	97 979	58 186,178	1 826 866,005	31,397	30,936
36	26	97 881	57 269,398	1 768 679,826	30,884	30,423
37	27	97 779	56 363,949	1 711 410,429	30,364	29,903
38	28	97 662	55 464,635	1 655 046,480	29,840	29,379
39	29	97 535	54 573,755	1 599 581,845	29,310	28,850
40	30	97 401	53 693,453	1 545 008,091	28,775	28,314
41	31	97 250	52 817,722	1 491 314,638	28,235	27,774
42	32	97 089	51 951,440	1 438 496,916	27,689	27,228
43	33	96 916	51 092,429	1 386 545,476	27,138	26,677
44	34	96 732	50 241,752	1 335 453,047	26,581	26,120
45	35	96 519	49 390,203	1 285 211,295	26,022	25,561
46	36	96 290	48 544,972	1 235 821,092	25,457	24,996
47	37	96 036	47 701,454	1 187 276,120	24,890	24,429
48	38	95 763	46 862,968	1 139 574,666	24,317	23,856
49	39	95 452	46 020,028	1 092 711,698	23,744	23,283
50	40	95 111	45 178,037	1 046 691,670	23,168	22,707
51	41	94 730	44 332,001	1 001 513,632	22,591	22,130
52	42	94 309	43 482,944	957 181,632	22,013	21,552
53	43	93 844	42 629,085	913 698,688	21,434	20,973
54	44	93 318	41 763,854	871 069,602	20,857	20,396
55	45	92 732	40 888,184	829 305,749	20,282	19,821
56	46	92 078	39 999,601	788 417,565	19,711	19,250
57	47	91 360	39 101,211	748 417,964	19,141	18,680
58	48	90 566	38 188,493	709 316,753	18,574	18,113
59	49	89 684	37 257,767	671 128,260	18,013	17,552
60	50	88 727	36 315,509	633 870,493	17,455	16,994
61	51	87 692	35 361,423	597 554,984	16,898	16,438
62	52	86 557	34 387,993	562 193,561	16,349	15,888
63	53	85 324	33 397,133	527 805,568	15,804	15,343
64	54	84 000	32 393,163	494 408,435	15,263	14,802
65	55	82 564	31 368,710	462 015,272	14,729	14,268
66	56	81 027	30 329,787	430 646,563	14,199	13,738
67	57	79 396	29 280,240	400 316,776	13,672	13,211
68	58	77 661	28 217,216	371 036,536	13,149	12,688
69	59	75 841	27 148,406	342 819,319	12,628	12,167
70	60	73 891	26 059,623	315 670,913	12,113	11,653
71	61	71 862	24 969,456	289 611,290	11,599	11,138
72	62	69 693	23 857,880	264 641,833	11,092	10,632
73	63	67 451	22 749,424	240 783,953	10,584	10,123
74	64	65 070	21 622,013	218 034,529	10,084	9,623
75	65	62 577	20 486,047	196 412,516	9,588	9,127
76	66	59 991	19 349,238	175 926,469	9,092	8,631
77	67	57 254	18 193,827	156 577,231	8,606	8,145
78	68	54 404	17 032,432	138 383,404	8,125	7,664
79	69	51 386	15 850,075	121 350,972	7,656	7,195
80	70	48 229	14 656,416	105 500,897	7,198	6,737
81	71	44 935	13 453,423	90 844,482	6,753	6,292
82	72	41 459	12 229,372	77 391,059	6,328	5,867
83	73	37 877	11 007,728	65 161,687	5,920	5,459
84	74	34 221	9 798,039	54 153,959	5,527	5,066
85	75	30 518	8 608,804	44 355,919	5,152	4,692
86	76	26 798	7 447,688	35 747,115	4,800	4,339
87	77	23 134	6 334,311	28 299,427	4,468	4,007
88	78	19 600	5 287,390	21 965,116	4,154	3,693
89	79	16 227	4 312,895	16 677,727	3,867	3,406
90	80	13 122	3 436,124	12 364,832	3,598	3,138
91	81	10 348	2 669,666	8 928,708	3,345	2,884
92	82	7 934	2 016,698	6 259,042	3,104	2,643
93	83	5 843	1 463,095	4 242,344	2,900	2,439
94	84	4 170	1 028,742	2 779,250	2,702	2,241
95	85	2 846	691,656	1 750,508	2,531	2,070
96	86	1 866	446,908	1 058,852	2,369	1,908
97	87	1 154	272,350	611,944	2,247	1,786
98	88	689	160,220	339,594	2,120	1,659
99	89	390	89,368	179,374	2,007	1,546
100	90	209	47,228	90,006	1,906	1,445

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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11	0	99 527	84 491,968	3 537 809,832	41,872	41,411
12	1	99 220	82 986,720	3 453 317,864	41,613	41,152
13	2	99 189	81 734,417	3 370 331,144	41,235	40,774
14	3	99 167	80 508,795	3 288 596,728	40,848	40,387
15	4	99 143	79 300,070	3 208 087,932	40,455	39,994
16	5	99 118	78 108,184	3 128 787,862	40,057	39,596
17	6	99 085	76 927,978	3 050 679,679	39,656	39,196
18	7	99 049	75 763,585	2 973 751,701	39,250	38,790
19	8	99 006	74 611,858	2 897 988,116	38,841	38,380
20	9	98 960	73 474,867	2 823 376,258	38,426	37,966
21	10	98 911	72 353,345	2 749 901,391	38,007	37,546
22	11	98 865	71 251,027	2 677 548,046	37,579	37,118
23	12	98 813	70 160,785	2 606 297,018	37,147	36,687
24	13	98 765	69 090,191	2 536 136,234	36,708	36,247
25	14	98 708	68 030,420	2 467 046,043	36,264	35,803
26	15	98 656	66 989,516	2 399 015,622	35,812	35,351
27	16	98 599	65 961,212	2 332 026,107	35,355	34,894
28	17	98 539	64 946,838	2 266 064,895	34,891	34,430
29	18	98 478	63 947,300	2 201 118,056	34,421	33,960
30	19	98 407	62 956,995	2 137 170,756	33,947	33,486
31	20	98 334	61 980,939	2 074 213,762	33,465	33,005
32	21	98 256	61 016,074	2 012 232,823	32,979	32,518
33	22	98 177	60 066,339	1 951 216,749	32,484	32,024
34	23	98 089	59 125,732	1 891 150,410	31,985	31,524
35	24	97 996	58 196,650	1 832 024,679	31,480	31,019
36	25	97 900	57 280,294	1 773 828,029	30,968	30,507
37	26	97 797	56 374,558	1 716 547,735	30,449	29,988
38	27	97 683	55 476,573	1 660 173,177	29,926	29,465
39	28	97 558	54 586,617	1 604 696,604	29,397	28,936
40	29	97 426	53 707,351	1 550 109,987	28,862	28,401
41	30	97 280	52 834,477	1 496 402,636	28,322	27,862
42	31	97 120	51 967,757	1 443 568,159	27,778	27,317
43	32	96 949	51 109,941	1 391 600,401	27,228	26,767
44	33	96 767	50 259,862	1 340 490,460	26,671	26,210
45	34	96 558	49 410,263	1 290 230,598	26,113	25,652
46	35	96 330	48 564,987	1 240 820,335	25,550	25,089
47	36	96 080	47 723,335	1 192 255,348	24,983	24,522
48	37	95 809	46 885,223	1 144 532,012	24,411	23,951
49	38	95 509	46 047,806	1 097 646,789	23,837	23,376
50	39	95 168	45 205,212	1 051 598,983	23,263	22,802
51	40	94 795	44 362,420	1 006 393,771	22,686	22,225
52	41	94 379	43 515,157	962 031,351	22,108	21,647
53	42	93 918	42 662,949	918 516,194	21,530	21,069
54	43	93 403	41 801,812	875 853,245	20,953	20,492
55	44	92 822	40 927,907	834 051,433	20,379	19,918
56	45	92 184	40 045,743	793 123,526	19,805	19,345
57	46	91 471	39 148,876	753 077,783	19,236	18,775
58	47	90 690	38 240,895	713 928,907	18,669	18,208
59	48	89 827	37 317,252	675 688,012	18,107	17,646
60	49	88 882	36 379,102	638 370,760	17,548	17,087
61	50	87 854	35 427,076	601 991,657	16,992	16,532
62	51	86 743	34 461,834	566 564,581	16,440	15,980
63	52	85 523	33 475,229	532 102,747	15,895	15,435
64	53	84 216	32 476,552	498 627,517	15,353	14,893
65	54	82 803	31 459,587	466 150,965	14,817	14,357
66	55	81 291	30 428,541	434 691,378	14,286	13,825
67	56	79 681	29 385,350	404 262,837	13,757	13,296
68	57	77 967	28 328,381	374 877,487	13,233	12,772
69	58	76 172	27 267,002	346 549,106	12,709	12,249
70	59	74 240	26 182,849	319 282,104	12,194	11,734
71	60	72 243	25 101,893	293 099,255	11,676	11,216
72	61	70 091	23 994,309	267 997,363	11,169	10,708
73	62	67 868	22 889,840	244 003,053	10,660	10,199
74	63	65 513	21 768,930	221 113,213	10,157	9,696
75	64	63 048	20 640,285	199 344,284	9,658	9,197
76	65	60 473	19 504,700	178 703,999	9,162	8,701
77	66	57 761	18 354,652	159 199,299	8,674	8,213
78	67	54 924	17 195,483	140 844,647	8,191	7,730
79	68	51 930	16 017,711	123 649,164	7,720	7,259
80	69	48 793	14 827,744	107 631,453	7,259	6,798
81	70	45 508	13 625,082	92 803,709	6,811	6,350
82	71	42 035	12 399,264	79 178,626	6,386	5,925
83	72	38 447	11 173,244	66 779,362	5,977	5,516
84	73	34 792	9 961,570	55 606,118	5,582	5,121
85	74	31 072	8 765,203	45 644,548	5,207	4,747
86	75	27 323	7 593,726	36 879,345	4,857	4,396
87	76	23 644	6 473,927	29 285,619	4,524	4,063
88	77	20 078	5 416,278	22 811,692	4,212	3,751
89	78	16 685	4 434,616	17 395,414	3,923	3,462
90	79	13 548	3 547,569	12 960,798	3,653	3,193
91	80	10 740	2 770,690	9 413,229	3,397	2,937
92	81	8 288	2 106,594	6 642,539	3,153	2,692
93	82	6 146	1 539,093	4 535,945	2,947	2,486
94	83	4 420	1 090,591	2 996,852	2,748	2,287
95	84	3 044	739,868	1 906,261	2,576	2,116
96	85	2 020	483,732	1 166,393	2,411	1,950
97	86	1 265	298,361	682,661	2,288	1,827
98	87	766	178,011	384,299	2,159	1,698
99	88	441	100,890	206,288	2,045	1,584
100	89	240	54,255	105,398	1,943	1,482

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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12	0	99 520	83 236,875	3 458 477,564	41,550	41,089
13	1	99 214	81 754,687	3 375 240,689	41,285	40,824
14	2	99 179	80 518,798	3 293 486,002	40,903	40,443
15	3	99 154	79 308,249	3 212 967,204	40,512	40,052
16	4	99 128	78 115,658	3 133 658,955	40,116	39,655
17	5	99 094	76 934,831	3 055 543,297	39,716	39,255
18	6	99 058	75 770,288	2 978 608,466	39,311	38,850
19	7	99 011	74 615,324	2 902 838,178	38,904	38,443
20	8	98 967	73 479,987	2 828 222,854	38,490	38,029
21	9	98 917	72 357,771	2 754 742,866	38,071	37,610
22	10	98 871	71 255,195	2 682 385,095	37,645	37,184
23	11	98 820	70 166,210	2 611 129,900	37,213	36,753
24	12	98 772	69 095,617	2 540 963,689	36,775	36,314
25	13	98 718	68 036,830	2 471 868,073	36,331	35,871
26	14	98 665	66 995,693	2 403 831,242	35,880	35,420
27	15	98 611	65 969,238	2 336 835,549	35,423	34,962
28	16	98 553	64 956,403	2 270 866,311	34,960	34,499
29	17	98 491	63 956,008	2 205 909,908	34,491	34,030
30	18	98 426	62 969,401	2 141 953,900	34,016	33,555
31	19	98 352	61 991,775	2 078 984,499	33,536	33,076
32	20	98 274	61 027,356	2 016 992,724	33,051	32,590
33	21	98 193	60 076,245	1 955 965,368	32,558	32,097
34	22	98 105	59 135,359	1 895 889,123	32,060	31,599
35	23	98 014	58 207,125	1 836 753,763	31,555	31,095
36	24	97 918	57 290,602	1 778 546,638	31,044	30,584
37	25	97 816	56 385,284	1 721 256,036	30,527	30,066
38	26	97 701	55 487,015	1 664 870,752	30,005	29,544
39	27	97 579	54 598,366	1 609 383,737	29,477	29,016
40	28	97 449	53 720,010	1 554 785,371	28,942	28,482
41	29	97 306	52 848,153	1 501 065,361	28,403	27,943
42	30	97 151	51 984,243	1 448 217,208	27,859	27,398
43	31	96 980	51 125,995	1 396 232,965	27,310	26,849
44	32	96 800	50 277,088	1 345 106,971	26,754	26,293
45	33	96 593	49 428,074	1 294 829,882	26,196	25,735
46	34	96 369	48 584,713	1 245 401,809	25,634	25,173
47	35	96 120	47 743,012	1 196 817,096	25,068	24,607
48	36	95 853	46 906,730	1 149 074,084	24,497	24,036
49	37	95 555	46 069,674	1 102 167,355	23,924	23,463
50	38	95 225	45 232,499	1 056 097,681	23,348	22,887
51	39	94 852	44 389,104	1 010 865,182	22,773	22,312
52	40	94 444	43 545,015	966 476,078	22,195	21,734
53	41	93 988	42 694,554	922 931,063	21,617	21,156
54	42	93 477	41 835,019	880 236,508	21,041	20,580
55	43	92 907	40 965,106	838 401,489	20,466	20,005
56	44	92 273	40 084,648	797 436,383	19,894	19,433
57	45	91 577	39 194,036	757 351,734	19,323	18,862
58	46	90 800	38 287,511	718 157,698	18,757	18,296
59	47	89 950	37 368,458	679 870,188	18,194	17,733
60	48	89 024	36 437,185	642 501,729	17,633	17,172
61	49	88 008	35 489,114	606 064,544	17,077	16,617
62	50	86 904	34 525,818	570 575,430	16,526	16,065
63	51	85 707	33 547,111	536 049,613	15,979	15,518
64	52	84 413	32 552,496	502 502,502	15,437	14,976
65	53	83 016	31 540,573	469 950,006	14,900	14,439
66	54	81 526	30 516,695	438 409,433	14,366	13,905
67	55	79 941	29 481,029	407 892,739	13,836	13,375
68	56	78 247	28 430,074	378 411,709	13,310	12,849
69	57	76 472	27 374,423	349 981,635	12,785	12,324
70	58	74 565	26 297,226	322 607,213	12,268	11,807
71	59	72 585	25 220,590	296 309,986	11,749	11,288
72	60	70 463	24 121,574	271 089,396	11,238	10,778
73	61	68 256	23 020,733	246 967,823	10,728	10,267
74	62	65 917	21 903,294	223 947,089	10,224	9,764
75	63	63 476	20 780,530	202 043,795	9,723	9,262
76	64	60 928	19 651,549	181 263,265	9,224	8,763
77	65	58 225	18 502,123	161 611,716	8,735	8,274
78	66	55 410	17 347,484	143 109,593	8,250	7,789
79	67	52 427	16 171,048	125 762,109	7,777	7,316
80	68	49 309	14 984,568	109 591,061	7,314	6,853
81	69	46 040	13 784,355	94 606,493	6,863	6,403
82	70	42 571	12 557,473	80 822,138	6,436	5,975
83	71	38 981	11 328,464	68 264,665	6,026	5,565
84	72	35 315	10 111,356	56 936,201	5,631	5,170
85	73	31 591	8 911,496	46 824,846	5,254	4,794
86	74	27 820	7 731,683	37 913,350	4,904	4,443
87	75	24 107	6 600,871	30 181,666	4,572	4,112
88	76	20 520	5 535,660	23 580,795	4,260	3,799
89	77	17 092	4 542,717	18 045,135	3,972	3,512
90	78	13 930	3 647,691	13 502,419	3,702	3,241
91	79	11 088	2 860,552	9 854,728	3,445	2,984
92	80	8 602	2 186,310	6 994,176	3,199	2,738
93	81	6 420	1 607,700	4 807,865	2,991	2,530
94	82	4 650	1 147,240	3 200,165	2,789	2,329
95	83	3 227	784,350	2 052,925	2,617	2,157
96	84	2 161	517,451	1 268,575	2,452	1,991
97	85	1 369	322,945	751,124	2,326	1,865
98	86	839	195,012	428,179	2,196	1,735
99	87	489	112,094	233,167	2,080	1,619
100	88	271	61,250	121,073	1,977	1,516

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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12						
13	0	99 513	82 001,128	3 379 989,913	41,219	40,758
14	1	99 204	80 538,766	3 297 988,785	40,949	40,488
15	2	99 166	79 318,103	3 217 450,018	40,564	40,103
16	3	99 138	78 123,715	3 138 131,916	40,169	39,708
17	4	99 103	76 942,194	3 060 008,201	39,770	39,309
18	5	99 066	75 777,038	2 983 066,007	39,366	38,906
19	6	99 020	74 621,925	2 907 288,969	38,960	38,499
20	7	98 971	73 483,401	2 832 667,044	38,548	38,088
21	8	98 924	72 362,814	2 759 183,643	38,130	37,669
22	9	98 877	71 259,555	2 686 820,829	37,705	37,244
23	10	98 826	70 170,315	2 615 561,274	37,274	36,814
24	11	98 780	69 100,960	2 545 390,959	36,836	36,375
25	12	98 725	68 042,173	2 476 289,999	36,393	35,933
26	13	98 674	67 002,006	2 408 247,826	35,943	35,482
27	14	98 620	65 975,321	2 341 245,820	35,487	35,026
28	15	98 565	64 964,307	2 275 270,499	35,023	34,563
29	16	98 506	63 965,427	2 210 306,192	34,555	34,094
30	17	98 440	62 977,976	2 146 340,765	34,081	33,620
31	18	98 371	62 003,990	2 083 362,789	33,600	33,140
32	19	98 291	61 038,025	2 021 358,798	33,116	32,656
33	20	98 212	60 087,354	1 960 320,773	32,625	32,164
34	21	98 122	59 145,112	1 900 233,419	32,128	31,668
35	22	98 030	58 216,603	1 841 088,307	31,625	31,164
36	23	97 935	57 300,915	1 782 871,704	31,114	30,653
37	24	97 833	56 395,432	1 725 570,789	30,598	30,137
38	25	97 720	55 497,572	1 669 175,358	30,077	29,616
39	26	97 597	54 608,643	1 613 677,785	29,550	29,089
40	27	97 470	53 731,572	1 559 069,142	29,016	28,555
41	28	97 328	52 860,609	1 505 337,570	28,477	28,017
42	29	97 176	51 997,699	1 452 476,962	27,933	27,473
43	30	97 011	51 142,213	1 400 479,263	27,384	26,923
44	31	96 831	50 292,880	1 349 337,050	26,830	26,369
45	32	96 626	49 445,015	1 299 044,170	26,273	25,812
46	33	96 404	48 602,226	1 249 599,154	25,711	25,250
47	34	96 159	47 762,403	1 200 996,929	25,145	24,684
48	35	95 892	46 926,069	1 153 234,526	24,576	24,115
49	36	95 598	46 090,806	1 106 308,457	24,003	23,542
50	37	95 271	45 253,979	1 060 217,650	23,428	22,967
51	38	94 909	44 415,898	1 014 963,671	22,851	22,391
52	39	94 500	43 571,208	970 547,773	22,275	21,814
53	40	94 053	42 723,850	926 976,565	21,697	21,236
54	41	93 547	41 866,011	884 252,715	21,121	20,660
55	42	92 980	40 997,649	842 386,704	20,547	20,086
56	43	92 357	40 121,081	801 389,055	19,974	19,513
57	44	91 666	39 232,114	761 267,974	19,404	18,943
58	45	90 905	38 331,678	722 035,860	18,837	18,376
59	46	90 060	37 414,010	683 704,183	18,274	17,813
60	47	89 146	36 487,184	646 290,172	17,713	17,252
61	48	88 149	35 545,776	609 802,989	17,155	16,695
62	49	87 056	34 586,277	574 257,213	16,604	16,143
63	50	85 866	33 609,396	539 670,936	16,057	15,596
64	51	84 595	32 622,395	506 061,541	15,513	15,052
65	52	83 210	31 614,328	473 439,145	14,975	14,515
66	53	81 736	30 595,253	441 824,817	14,441	13,980
67	54	80 172	29 566,438	411 229,564	13,909	13,448
68	55	78 502	28 522,643	381 663,126	13,381	12,920
69	56	76 746	27 472,691	353 140,483	12,854	12,393
70	57	74 858	26 400,827	325 667,792	12,336	11,875
71	58	72 902	25 330,764	299 266,965	11,814	11,354
72	59	70 796	24 235,635	273 936,201	11,303	10,842
73	60	68 618	23 142,834	249 700,566	10,790	10,329
74	61	66 294	22 028,546	226 557,732	10,285	9,824
75	62	63 868	20 908,794	204 529,186	9,782	9,321
76	63	61 342	19 785,077	183 620,392	9,281	8,820
77	64	58 663	18 641,424	163 835,315	8,789	8,328
78	65	55 855	17 486,862	145 193,892	8,303	7,842
79	66	52 890	16 313,993	127 707,030	7,828	7,367
80	67	49 781	15 128,015	111 393,036	7,363	6,903
81	68	46 527	13 930,144	96 265,022	6,911	6,450
82	69	43 069	12 704,266	82 334,878	6,481	6,020
83	70	39 478	11 473,010	69 630,612	6,069	5,608
84	71	35 805	10 251,824	58 157,602	5,673	5,212
85	72	32 066	9 045,492	47 905,779	5,296	4,835
86	73	28 284	7 860,726	38 860,286	4,944	4,483
87	74	24 545	6 720,791	30 999,560	4,612	4,152
88	75	20 923	5 644,206	24 278,769	4,302	3,841
89	76	17 469	4 642,844	18 634,563	4,014	3,553
90	77	14 270	3 736,609	13 991,719	3,744	3,284
91	78	11 401	2 941,285	10 255,110	3,487	3,026
92	79	8 881	2 257,220	7 313,825	3,240	2,779
93	80	6 663	1 668,538	5 056,606	3,031	2,570
94	81	4 857	1 198,380	3 388,068	2,827	2,366
95	82	3 395	825,092	2 189,689	2,654	2,193
96	83	2 291	548,561	1 364,597	2,488	2,027
97	84	1 464	345,456	816,036	2,362	1,901
98	85	908	211,081	470,580	2,229	1,769
99	86	536	122,799	259,499	2,113	1,652
100	87	302	68,051	136,700	2,009	1,548

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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13						
14	0	99 503	80 781,543	3 302 361,056	40,880	40,419
15	1	99 191	79 337,774	3 221 579,513	40,606	40,145
16	2	99 150	78 133,421	3 142 241,739	40,216	39,756
17	3	99 113	76 950,129	3 064 108,319	39,819	39,359
18	4	99 076	75 784,289	2 987 158,189	39,417	38,956
19	5	99 028	74 628,573	2 911 373,900	39,012	38,551
20	6	98 980	73 489,902	2 836 745,327	38,600	38,140
21	7	98 929	72 366,176	2 763 255,425	38,184	37,724
22	8	98 884	71 264,521	2 690 889,249	37,759	37,298
23	9	98 832	70 174,608	2 619 624,728	37,330	36,869
24	10	98 786	69 105,002	2 549 450,121	36,892	36,432
25	11	98 733	68 047,435	2 480 345,118	36,450	35,989
26	12	98 682	67 007,267	2 412 297,683	36,001	35,540
27	13	98 629	65 981,538	2 345 290,416	35,545	35,084
28	14	98 574	64 970,298	2 279 308,878	35,082	34,622
29	15	98 517	63 973,211	2 214 338,580	34,614	34,153
30	16	98 454	62 987,251	2 150 365,370	34,140	33,679
31	17	98 384	62 012,434	2 087 378,119	33,661	33,200
32	18	98 310	61 050,053	2 025 365,685	33,175	32,715
33	19	98 229	60 097,859	1 964 315,632	32,685	32,224
34	20	98 140	59 156,049	1 904 217,773	32,190	31,729
35	21	98 046	58 226,205	1 845 061,724	31,688	31,227
36	22	97 951	57 310,245	1 786 835,519	31,178	30,717
37	23	97 851	56 405,582	1 729 525,274	30,662	30,202
38	24	97 738	55 507,560	1 673 119,692	30,142	29,681
39	25	97 616	54 619,033	1 617 612,132	29,616	29,155
40	26	97 488	53 741,686	1 562 993,099	29,083	28,623
41	27	97 349	52 871,986	1 509 251,413	28,545	28,085
42	28	97 199	52 009,954	1 456 379,427	28,002	27,541
43	29	97 036	51 155,451	1 404 369,473	27,453	26,992
44	30	96 861	50 308,835	1 353 214,022	26,898	26,437
45	31	96 656	49 460,546	1 302 905,187	26,342	25,882
46	32	96 437	48 618,884	1 253 444,641	25,781	25,320
47	33	96 194	47 779,619	1 204 825,758	25,216	24,756
48	34	95 931	46 945,129	1 157 046,138	24,647	24,186
49	35	95 638	46 109,810	1 110 101,009	24,075	23,614
50	36	95 314	45 274,738	1 063 991,200	23,501	23,040
51	37	94 954	44 436,991	1 018 716,462	22,925	22,464
52	38	94 557	43 597,508	974 279,471	22,347	21,886
53	39	94 109	42 749,549	930 681,963	21,771	21,310
54	40	93 611	41 894,738	887 932,415	21,194	20,734
55	41	93 049	41 028,020	846 037,676	20,621	20,160
56	42	92 431	40 152,953	805 009,656	20,049	19,588
57	43	91 749	39 267,772	764 856,704	19,478	19,017
58	44	90 993	38 368,918	725 588,932	18,911	18,450
59	45	90 164	37 457,170	687 220,014	18,347	17,886
60	46	89 255	36 531,661	649 762,844	17,786	17,325
61	47	88 270	35 594,551	613 231,183	17,228	16,767
62	48	87 195	34 641,497	577 636,632	16,675	16,214
63	49	86 016	33 668,250	542 995,135	16,128	15,667
64	50	84 752	32 682,964	509 326,885	15,584	15,123
65	51	83 389	31 682,213	476 643,921	15,045	14,584
66	52	81 927	30 666,798	444 961,708	14,510	14,049
67	53	80 379	29 642,550	414 294,910	13,976	13,516
68	54	78 729	28 605,275	384 652,360	13,447	12,986
69	55	76 996	27 562,143	356 047,085	12,918	12,457
70	56	75 127	26 495,600	328 484,942	12,398	11,937
71	57	73 189	25 430,557	301 989,342	11,875	11,414
72	58	71 105	24 341,507	276 558,785	11,362	10,901
73	59	68 942	23 252,267	252 217,278	10,847	10,386
74	60	66 645	22 145,384	228 965,011	10,339	9,878
75	61	64 233	21 028,359	206 819,627	9,835	9,374
76	62	61 720	19 907,196	185 791,268	9,333	8,872
77	63	59 062	18 768,088	165 884,072	8,839	8,378
78	64	56 276	17 618,519	147 115,984	8,350	7,889
79	65	53 315	16 445,068	129 497,465	7,875	7,414
80	66	50 221	15 261,740	113 052,397	7,408	6,947
81	67	46 972	14 063,497	97 790,657	6,954	6,493
82	68	43 525	12 838,631	83 727,161	6,522	6,061
83	69	39 940	11 607,126	70 888,530	6,107	5,647
84	70	36 262	10 382,632	59 281,404	5,710	5,249
85	71	32 512	9 171,153	48 898,772	5,332	4,871
86	72	28 709	7 978,923	39 727,619	4,979	4,518
87	73	24 955	6 832,962	31 748,696	4,646	4,186
88	74	21 303	5 746,746	24 915,734	4,336	3,875
89	75	17 811	4 733,883	19 168,988	4,049	3,589
90	76	14 584	3 818,968	14 435,105	3,780	3,319
91	77	11 679	3 012,983	10 616,136	3,523	3,063
92	78	9 131	2 320,924	7 603,153	3,276	2,815
93	79	6 879	1 722,654	5 282,228	3,066	2,606
94	80	5 041	1 243,728	3 559,575	2,862	2,401
95	81	3 546	861,871	2 315,847	2,687	2,226
96	82	2 410	577,055	1 453,976	2,520	2,059
97	83	1 552	366,226	876,920	2,394	1,934
98	84	971	225,794	510,695	2,262	1,801
99	85	580	132,917	284,901	2,143	1,683
100	86	330	74,550	151,983	2,039	1,578

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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15	0	99 490	79 576,930	3 225 605,638	40,534	40,074
16	1	99 175	78 152,798	3 146 028,709	40,255	39,794
17	2	99 126	76 959,690	3 067 875,911	39,863	39,403
18	3	99 086	75 792,106	2 990 916,221	39,462	39,001
19	4	99 038	74 635,715	2 915 124,115	39,058	38,597
20	5	98 989	73 496,449	2 840 488,401	38,648	38,187
21	6	98 937	72 372,578	2 766 991,951	38,233	37,772
22	7	98 889	71 267,831	2 694 619,374	37,810	37,349
23	8	98 839	70 179,498	2 623 351,542	37,381	36,920
24	9	98 792	69 109,230	2 553 172,044	36,944	36,483
25	10	98 739	68 051,416	2 484 062,814	36,503	36,042
26	11	98 690	67 012,449	2 416 011,399	36,053	35,592
27	12	98 637	65 986,719	2 348 998,949	35,598	35,137
28	13	98 584	64 976,419	2 283 012,230	35,136	34,675
29	14	98 527	63 979,110	2 218 035,810	34,668	34,207
30	15	98 466	62 994,915	2 154 056,701	34,194	33,733
31	16	98 399	62 021,567	2 091 061,786	33,715	33,254
32	17	98 324	61 058,367	2 029 040,219	33,231	32,770
33	18	98 248	60 109,701	1 967 981,852	32,740	32,279
34	19	98 157	59 166,391	1 907 872,151	32,246	31,785
35	20	98 064	58 236,971	1 848 705,760	31,745	31,284
36	21	97 967	57 319,697	1 790 468,789	31,237	30,776
37	22	97 867	56 414,767	1 733 149,092	30,722	30,261
38	23	97 755	55 517,551	1 676 734,324	30,202	29,741
39	24	97 633	54 628,863	1 621 216,773	29,677	29,216
40	25	97 507	53 751,911	1 566 587,910	29,145	28,684
41	26	97 368	52 881,938	1 512 835,999	28,608	28,147
42	27	97 220	52 021,148	1 459 954,061	28,065	27,604
43	28	97 059	51 167,508	1 407 932,913	27,516	27,055
44	29	96 886	50 321,856	1 356 765,405	26,962	26,501
45	30	96 687	49 476,236	1 306 443,549	26,405	25,945
46	31	96 467	48 634,155	1 256 967,312	25,845	25,385
47	32	96 227	47 795,996	1 208 333,157	25,281	24,820
48	33	95 966	46 962,051	1 160 537,162	24,712	24,251
49	34	95 677	46 128,538	1 113 575,111	24,141	23,680
50	35	95 354	45 293,404	1 067 446,573	23,567	23,107
51	36	94 997	44 457,374	1 022 153,169	22,992	22,531
52	37	94 602	43 618,212	977 695,795	22,415	21,954
53	38	94 166	42 775,353	934 077,582	21,837	21,376
54	39	93 667	41 919,938	891 302,230	21,262	20,801
55	40	93 113	41 056,172	849 382,291	20,688	20,227
56	41	92 499	40 182,698	808 326,119	20,116	19,655
57	42	91 822	39 298,966	768 143,421	19,546	19,085
58	43	91 076	38 403,791	728 844,455	18,978	18,518
59	44	90 251	37 493,560	690 440,664	18,415	17,954
60	45	89 358	36 573,803	652 947,104	17,853	17,392
61	46	88 377	35 637,941	616 373,301	17,295	16,835
62	47	87 315	34 689,032	580 735,361	16,741	16,280
63	48	86 154	33 722,005	546 046,329	16,193	15,732
64	49	84 900	32 740,196	512 324,324	15,648	15,187
65	50	83 544	31 741,036	479 584,128	15,109	14,648
66	51	82 103	30 732,649	447 843,092	14,572	14,111
67	52	80 567	29 711,867	417 110,444	14,039	13,578
68	53	78 932	28 678,913	387 398,577	13,508	13,047
69	54	77 219	27 641,992	358 719,664	12,977	12,517
70	55	75 372	26 581,871	331 077,672	12,455	11,994
71	56	73 452	25 521,847	304 495,801	11,931	11,470
72	57	71 386	24 437,402	278 973,954	11,416	10,955
73	58	69 244	23 353,843	254 536,552	10,899	10,438
74	59	66 961	22 250,101	231 182,709	10,390	9,929
75	60	64 574	21 139,892	208 932,608	9,883	9,423
76	61	62 073	20 021,033	187 792,716	9,380	8,919
77	62	59 426	18 883,930	167 771,683	8,884	8,424
78	63	56 658	17 738,233	148 887,753	8,394	7,933
79	64	53 717	16 568,881	131 149,520	7,915	7,455
80	65	50 625	15 384,360	114 580,638	7,448	6,987
81	66	47 388	14 187,812	99 196,278	6,992	6,531
82	67	43 941	12 961,535	85 008,466	6,559	6,098
83	68	40 362	11 729,887	72 046,932	6,142	5,681
84	69	36 686	10 504,002	60 317,045	5,742	5,281
85	70	32 926	9 288,173	49 813,043	5,363	4,902
86	71	29 108	8 089,767	40 524,870	5,009	4,549
87	72	25 330	6 935,705	32 435,103	4,677	4,216
88	73	21 658	5 842,660	25 499,398	4,364	3,904
89	74	18 135	4 819,885	19 656,738	4,078	3,617
90	75	14 870	3 893,853	14 836,853	3,810	3,350
91	76	11 936	3 079,393	10 943,000	3,554	3,093
92	77	9 354	2 377,501	7 863,607	3,308	2,847
93	78	7 073	1 771,272	5 486,106	3,097	2,636
94	79	5 205	1 284,066	3 714,834	2,893	2,432
95	80	3 680	894,486	2 430,768	2,718	2,257
96	81	2 517	602,778	1 536,283	2,549	2,088
97	82	1 633	385,249	933,505	2,423	1,962
98	83	1 030	239,369	548,256	2,290	1,830
99	84	621	142,183	308,887	2,172	1,712
100	85	358	80,693	166,705	2,066	1,605

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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16	0	99 474	78 388,382	3 149 736,912	40,181	39,720
17	1	99 150	76 978,776	3 071 348,530	39,899	39,438
18	2	99 098	75 801,522	2 994 369,754	39,503	39,042
19	3	99 048	74 643,413	2 918 568,232	39,100	38,639
20	4	98 999	73 503,482	2 843 924,819	38,691	38,230
21	5	98 946	72 379,025	2 770 421,337	38,277	37,816
22	6	98 897	71 274,136	2 698 042,312	37,854	37,394
23	7	98 844	70 182,758	2 626 768,175	37,428	36,967
24	8	98 799	69 114,046	2 556 585,417	36,991	36,530
25	9	98 745	68 055,579	2 487 471,371	36,551	36,090
26	10	98 696	67 016,369	2 419 415,792	36,102	35,641
27	11	98 645	65 991,822	2 352 399,423	35,647	35,186
28	12	98 591	64 981,522	2 286 407,600	35,186	34,725
29	13	98 536	63 985,138	2 221 426,078	34,718	34,257
30	14	98 475	63 000,724	2 157 440,940	34,245	33,784
31	15	98 411	62 029,114	2 094 440,216	33,765	33,305
32	16	98 338	61 067,359	2 032 411,102	33,281	32,821
33	17	98 261	60 117,887	1 971 343,744	32,791	32,331
34	18	98 176	59 178,050	1 911 225,856	32,296	31,835
35	19	98 081	58 247,152	1 852 047,807	31,796	31,336
36	20	97 985	57 330,296	1 793 800,654	31,289	30,828
37	21	97 883	56 424,071	1 736 470,358	30,775	30,315
38	22	97 771	55 526,591	1 680 046,287	30,257	29,796
39	23	97 651	54 638,696	1 624 519,695	29,732	29,271
40	24	97 525	53 761,584	1 569 880,999	29,201	28,740
41	25	97 386	52 891,999	1 516 119,415	28,664	28,204
42	26	97 238	52 030,940	1 463 227,415	28,122	27,661
43	27	97 080	51 178,521	1 411 196,475	27,574	27,113
44	28	96 909	50 333,717	1 360 017,954	27,020	26,559
45	29	96 712	49 489,042	1 309 684,237	26,464	26,003
46	30	96 498	48 649,583	1 260 195,195	25,904	25,443
47	31	96 257	47 811,008	1 211 545,611	25,340	24,880
48	32	95 999	46 978,147	1 163 734,603	24,772	24,311
49	33	95 711	46 145,165	1 116 756,456	24,201	23,740
50	34	95 392	45 311,801	1 070 611,291	23,628	23,167
51	35	95 037	44 475,704	1 025 299,490	23,053	22,592
52	36	94 646	43 638,220	980 823,786	22,476	22,015
53	37	94 211	42 795,666	937 185,566	21,899	21,438
54	38	93 724	41 945,242	894 389,899	21,323	20,862
55	39	93 169	41 080,868	852 444,658	20,750	20,290
56	40	92 563	40 210,270	811 363,790	20,178	19,717
57	41	91 890	39 328,079	771 153,520	19,608	19,147
58	42	91 148	38 434,298	731 825,441	19,041	18,580
59	43	90 333	37 527,638	693 391,143	18,477	18,016
60	44	89 445	36 609,335	655 863,505	17,915	17,454
61	45	88 479	35 679,051	619 254,170	17,356	16,895
62	46	87 421	34 731,317	583 575,118	16,803	16,342
63	47	86 272	33 768,277	548 843,801	16,253	15,792
64	48	85 036	32 792,469	515 075,523	15,707	15,246
65	49	83 690	31 796,619	482 283,055	15,168	14,707
66	50	82 255	30 789,708	450 486,436	14,631	14,170
67	51	80 740	29 775,667	419 696,728	14,095	13,634
68	52	79 117	28 745,976	389 921,061	13,564	13,104
69	53	77 418	27 713,151	361 175,084	13,033	12,572
70	54	75 590	26 658,880	333 461,934	12,508	12,048
71	55	73 691	25 604,947	306 803,054	11,982	11,521
72	56	71 642	24 525,127	281 198,107	11,466	11,005
73	57	69 516	23 445,847	256 672,980	10,947	10,487
74	58	67 253	22 347,299	233 227,132	10,436	9,976
75	59	64 879	21 239,854	210 879,834	9,928	9,468
76	60	62 403	20 127,224	189 639,979	9,422	8,961
77	61	59 766	18 991,916	169 512,755	8,926	8,465
78	62	57 008	17 847,719	150 520,840	8,434	7,973
79	63	54 082	16 681,463	132 673,121	7,953	7,493
80	64	51 006	15 500,188	115 991,658	7,483	7,022
81	65	47 768	14 301,804	100 491,470	7,026	6,566
82	66	44 330	13 076,109	86 189,667	6,591	6,131
83	67	40 749	11 842,177	73 113,558	6,174	5,713
84	68	37 074	10 615,096	61 271,381	5,772	5,311
85	69	33 311	9 396,749	50 656,285	5,391	4,930
86	70	29 480	8 192,989	41 259,536	5,036	4,575
87	71	25 682	7 032,057	33 066,547	4,702	4,241
88	72	21 984	5 930,512	26 034,491	4,390	3,929
89	73	18 438	4 900,330	20 103,978	4,103	3,642
90	74	15 141	3 964,593	15 203,649	3,835	3,374
91	75	12 171	3 139,775	11 239,055	3,580	3,119
92	76	9 560	2 429,904	8 099,280	3,333	2,872
93	77	7 246	1 814,449	5 669,376	3,125	2,664
94	78	5 352	1 320,306	3 854,927	2,920	2,459
95	79	3 799	923,497	2 534,621	2,745	2,284
96	80	2 612	625,588	1 611,124	2,575	2,115
97	81	1 706	402,422	985,536	2,449	1,988
98	82	1 083	251,803	583,115	2,316	1,855
99	83	658	150,731	331,312	2,198	1,737
100	84	383	86,318	180,581	2,092	1,631

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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17	0	99 449	77 210,821	3 074 764,589	39,823	39,362
18	1	99 123	75 820,321	2 997 553,769	39,535	39,074
19	2	99 060	74 652,686	2 921 733,448	39,138	38,677
20	3	99 009	73 511,063	2 847 080,761	38,730	38,269
21	4	98 956	72 385,952	2 773 569,698	38,316	37,856
22	5	98 906	71 280,486	2 701 183,746	37,895	37,434
23	6	98 853	70 188,967	2 629 903,260	37,469	37,008
24	7	98 803	69 117,257	2 559 714,293	37,034	36,574
25	8	98 752	68 060,322	2 490 597,036	36,594	36,133
26	9	98 702	67 020,469	2 422 536,714	36,146	35,685
27	10	98 650	65 995,683	2 355 516,245	35,692	35,231
28	11	98 599	64 986,547	2 289 520,562	35,231	34,770
29	12	98 544	63 990,163	2 224 534,015	34,764	34,303
30	13	98 484	63 006,660	2 160 543,852	34,291	33,830
31	14	98 420	62 034,834	2 097 537,192	33,812	33,351
32	15	98 350	61 074,790	2 035 502,358	33,328	32,867
33	16	98 276	60 126,741	1 974 427,569	32,838	32,377
34	17	98 190	59 186,109	1 914 300,828	32,344	31,883
35	18	98 101	58 258,630	1 855 114,719	31,843	31,382
36	19	98 003	57 340,319	1 796 856,089	31,337	30,876
37	20	97 901	56 434,505	1 739 515,770	30,824	30,363
38	21	97 787	55 535,749	1 683 081,265	30,306	29,845
39	22	97 667	54 647,593	1 627 545,516	29,783	29,322
40	23	97 542	53 771,261	1 572 897,923	29,252	28,791
41	24	97 404	52 901,518	1 519 126,662	28,716	28,255
42	25	97 256	52 040,840	1 466 225,143	28,175	27,714
43	26	97 098	51 188,154	1 414 184,303	27,627	27,166
44	27	96 930	50 344,551	1 362 996,149	27,073	26,613
45	28	96 735	49 500,707	1 312 651,599	26,518	26,057
46	29	96 523	48 662,175	1 263 150,892	25,958	25,497
47	30	96 287	47 826,175	1 214 488,716	25,394	24,933
48	31	96 029	46 992,903	1 166 662,541	24,826	24,366
49	32	95 744	46 160,981	1 119 669,638	24,256	23,795
50	33	95 427	45 328,134	1 073 508,657	23,683	23,222
51	34	95 075	44 493,768	1 028 180,523	23,108	22,648
52	35	94 685	43 656,212	983 686,755	22,533	22,072
53	36	94 254	42 815,297	940 030,542	21,955	21,495
54	37	93 768	41 965,161	897 215,245	21,380	20,919
55	38	93 225	41 105,665	855 250,084	20,806	20,345
56	39	92 618	40 234,457	814 144,420	20,235	19,774
57	40	91 953	39 355,064	773 909,962	19,665	19,204
58	41	91 216	38 462,771	734 554,898	19,098	18,637
59	42	90 405	37 557,449	696 092,127	18,534	18,073
60	43	89 526	36 642,609	658 534,678	17,972	17,511
61	44	88 565	35 713,714	621 892,069	17,413	16,952
62	45	87 522	34 771,382	586 178,354	16,858	16,397
63	46	86 377	33 809,441	551 406,972	16,309	15,848
64	47	85 152	32 837,466	517 597,531	15,762	15,302
65	48	83 824	31 847,385	484 760,065	15,221	14,761
66	49	82 399	30 843,625	452 912,680	14,684	14,223
67	50	80 889	29 830,950	422 069,055	14,149	13,688
68	51	79 287	28 807,702	392 238,105	13,616	13,155
69	52	77 599	27 777,956	363 430,403	13,083	12,623
70	53	75 785	26 727,507	335 652,447	12,558	12,098
71	54	73 904	25 679,126	308 924,940	12,030	11,569
72	55	71 875	24 604,982	283 245,814	11,512	11,051
73	56	69 766	23 530,013	258 640,832	10,992	10,531
74	57	67 518	22 435,338	235 110,819	10,479	10,019
75	58	65 163	21 332,639	212 675,481	9,969	9,509
76	59	62 698	20 222,398	191 342,842	9,462	9,001
77	60	60 083	19 092,648	171 120,445	8,963	8,502
78	61	57 334	17 949,779	152 027,797	8,470	8,009
79	62	54 416	16 784,426	134 078,018	7,988	7,527
80	63	51 352	15 605,508	117 293,592	7,516	7,055
81	64	48 128	14 409,481	101 688,084	7,057	6,596
82	65	44 686	13 181,169	87 278,603	6,621	6,161
83	66	41 109	11 946,857	74 097,434	6,202	5,741
84	67	37 429	10 716,714	62 150,578	5,799	5,339
85	68	33 664	9 496,132	51 433,863	5,416	4,955
86	69	29 824	8 288,762	41 937,731	5,060	4,599
87	70	26 010	7 121,782	33 648,969	4,725	4,264
88	71	22 289	6 012,900	26 527,187	4,412	3,951
89	72	18 715	4 974,013	20 514,287	4,124	3,663
90	73	15 393	4 030,763	15 540,274	3,855	3,395
91	74	12 392	3 196,817	11 509,511	3,600	3,140
92	75	9 748	2 477,550	8 312,694	3,355	2,894
93	76	7 406	1 854,442	5 835,144	3,147	2,686
94	77	5 482	1 352,490	3 980,702	2,943	2,482
95	78	3 907	949,560	2 628,212	2,768	2,307
96	79	2 697	645,878	1 678,651	2,599	2,138
97	80	1 770	417,650	1 032,774	2,473	2,012
98	81	1 132	263,027	615,124	2,339	1,878
99	82	692	158,560	352,097	2,221	1,760
100	83	406	91,507	193,536	2,115	1,654

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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18	0	99 422	76 048,874	3 000 701,254	39,458	38,997
19	1	99 085	74 671,200	2 924 652,380	39,167	38,706
20	2	99 021	73 520,197	2 849 981,180	38,765	38,304
21	3	98 966	72 393,417	2 776 460,983	38,352	37,892
22	4	98 916	71 287,307	2 704 067,566	37,932	37,471
23	5	98 861	70 195,220	2 632 780,259	37,507	37,046
24	6	98 812	69 123,372	2 562 585,038	37,073	36,612
25	7	98 756	68 063,484	2 493 461,667	36,634	36,174
26	8	98 709	67 025,140	2 425 398,183	36,186	35,726
27	9	98 656	65 999,720	2 358 373,043	35,733	35,272
28	10	98 605	64 990,349	2 292 373,323	35,273	34,812
29	11	98 551	63 995,111	2 227 382,974	34,806	34,345
30	12	98 492	63 011,608	2 163 387,863	34,333	33,872
31	13	98 429	62 040,679	2 100 376,255	33,855	33,394
32	14	98 359	61 080,422	2 038 335,576	33,371	32,911
33	15	98 288	60 134,057	1 977 255,154	32,881	32,420
34	16	98 204	59 194,825	1 917 121,097	32,387	31,926
35	17	98 114	58 266,564	1 857 926,273	31,887	31,426
36	18	98 022	57 351,618	1 799 659,708	31,379	30,919
37	19	97 918	56 444,371	1 742 308,090	30,868	30,407
38	20	97 805	55 546,018	1 685 863,719	30,351	29,890
39	21	97 683	54 656,606	1 630 317,701	29,828	29,368
40	22	97 558	53 780,017	1 575 661,095	29,298	28,837
41	23	97 421	52 911,041	1 521 881,078	28,763	28,302
42	24	97 274	52 050,206	1 468 970,038	28,222	27,761
43	25	97 116	51 197,893	1 416 919,832	27,675	27,215
44	26	96 948	50 354,027	1 365 721,939	27,122	26,662
45	27	96 756	49 511,361	1 315 367,912	26,567	26,106
46	28	96 545	48 673,645	1 265 856,551	26,007	25,546
47	29	96 312	47 838,555	1 217 182,906	25,444	24,983
48	30	96 059	47 007,810	1 169 344,351	24,876	24,415
49	31	95 774	46 175,480	1 122 336,541	24,306	23,845
50	32	95 459	45 343,670	1 076 161,061	23,733	23,273
51	33	95 109	44 509,807	1 030 817,391	23,159	22,699
52	34	94 723	43 673,944	986 307,584	22,583	22,123
53	35	94 293	42 832,950	942 633,640	22,007	21,546
54	36	93 811	41 984,411	899 800,690	21,432	20,971
55	37	93 270	41 125,185	857 816,280	20,859	20,398
56	38	92 674	40 258,743	816 691,094	20,286	19,825
57	39	92 008	39 378,737	776 432,351	19,717	19,256
58	40	91 279	38 489,163	737 053,614	19,150	18,689
59	41	90 472	37 585,272	698 564,452	18,586	18,125
60	42	89 597	36 671,718	660 979,179	18,024	17,563
61	43	88 646	35 746,174	624 307,462	17,465	17,004
62	44	87 607	34 805,163	588 561,287	16,910	16,449
63	45	86 477	33 848,442	553 756,124	16,360	15,899
64	46	85 256	32 877,495	519 907,682	15,813	15,353
65	47	83 939	31 891,085	487 030,187	15,272	14,811
66	48	82 531	30 892,870	455 139,102	14,733	14,272
67	49	81 031	29 883,188	424 246,232	14,197	13,736
68	50	79 434	28 861,188	394 363,044	13,664	13,203
69	51	77 766	27 837,603	365 501,856	13,130	12,669
70	52	75 962	26 790,008	337 664,253	12,604	12,143
71	53	74 094	25 745,232	310 874,245	12,075	11,614
72	54	72 083	24 676,264	285 129,014	11,555	11,094
73	55	69 993	23 606,628	260 452,750	11,033	10,572
74	56	67 760	22 515,876	236 846,122	10,519	10,058
75	57	65 419	21 416,681	214 330,246	10,008	9,547
76	58	62 972	20 310,737	192 913,566	9,498	9,037
77	59	60 367	19 182,930	172 602,828	8,998	8,537
78	60	57 638	18 044,984	153 419,899	8,502	8,041
79	61	54 727	16 880,406	135 374,915	8,020	7,559
80	62	51 669	15 701,830	118 494,509	7,547	7,086
81	63	48 455	14 507,390	102 792,679	7,086	6,625
82	64	45 022	13 280,409	88 285,290	6,648	6,187
83	65	41 439	12 042,844	75 004,881	6,228	5,767
84	66	37 760	10 811,445	62 962,037	5,824	5,363
85	67	33 986	9 587,038	52 150,592	5,440	4,979
86	68	30 140	8 376,427	42 563,553	5,081	4,621
87	69	26 314	7 205,034	34 187,126	4,745	4,284
88	70	22 574	6 089,621	26 982,093	4,431	3,970
89	71	18 975	5 043,112	20 892,471	4,143	3,682
90	72	15 625	4 091,371	15 849,359	3,874	3,413
91	73	12 598	3 250,172	11 757,988	3,618	3,157
92	74	9 925	2 522,561	8 507,816	3,373	2,912
93	75	7 551	1 890,805	5 985,255	3,165	2,705
94	76	5 603	1 382,301	4 094,450	2,962	2,501
95	77	4 002	972,707	2 712,149	2,788	2,327
96	78	2 773	664,106	1 739,441	2,619	2,158
97	79	1 828	431,196	1 075,335	2,494	2,033
98	80	1 174	272,980	644,140	2,360	1,899
99	81	723	165,628	371,159	2,241	1,780
100	82	427	96,261	205,531	2,135	1,674

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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19	0	99 384	74 896,289	2 927 552,805	39,088	38,627
20	1	99 046	73 538,430	2 852 656,515	38,791	38,331
21	2	98 978	72 402,412	2 779 118,086	38,384	37,924
22	3	98 926	71 294,660	2 706 715,674	37,965	37,504
23	4	98 871	70 201,938	2 635 421,014	37,541	37,080
24	5	98 821	69 129,530	2 565 219,076	37,107	36,647
25	6	98 765	68 069,505	2 496 089,547	36,670	36,209
26	7	98 713	67 028,254	2 428 020,042	36,224	35,763
27	8	98 663	66 004,320	2 360 991,788	35,770	35,309
28	9	98 611	64 994,325	2 294 987,469	35,311	34,850
29	10	98 557	63 998,855	2 229 993,144	34,844	34,383
30	11	98 500	63 016,481	2 165 994,289	34,372	33,911
31	12	98 437	62 045,551	2 102 977,808	33,894	33,433
32	13	98 369	61 086,177	2 040 932,257	33,411	32,950
33	14	98 297	60 139,602	1 979 846,080	32,921	32,460
34	15	98 216	59 202,028	1 919 706,478	32,426	31,966
35	16	98 128	58 275,145	1 860 504,450	31,926	31,465
36	17	98 035	57 359,428	1 802 229,305	31,420	30,959
37	18	97 938	56 455,494	1 744 869,877	30,907	30,446
38	19	97 822	55 555,729	1 688 414,383	30,391	29,931
39	20	97 701	54 666,713	1 632 858,654	29,869	29,409
40	21	97 574	53 788,887	1 578 191,942	29,340	28,880
41	22	97 437	52 919,656	1 524 403,055	28,806	28,345
42	23	97 291	52 059,574	1 471 483,399	28,265	27,805
43	24	97 134	51 207,107	1 419 423,824	27,719	27,258
44	25	96 967	50 363,607	1 368 216,717	27,167	26,706
45	26	96 774	49 520,680	1 317 853,110	26,612	26,151
46	27	96 566	48 684,121	1 268 332,429	26,052	25,591
47	28	96 335	47 849,830	1 219 648,308	25,489	25,028
48	29	96 084	47 019,977	1 171 798,478	24,921	24,460
49	30	95 804	46 190,129	1 124 778,501	24,351	23,890
50	31	95 489	45 357,912	1 078 588,372	23,779	23,319
51	32	95 142	44 525,062	1 033 230,460	23,206	22,745
52	33	94 757	43 689,687	988 705,397	22,630	22,169
53	34	94 331	42 850,347	945 015,711	22,054	21,593
54	35	93 850	42 001,721	902 165,364	21,479	21,018
55	36	93 312	41 144,050	860 163,643	20,906	20,445
56	37	92 718	40 277,862	819 019,593	20,334	19,873
57	38	92 064	39 402,506	778 741,731	19,764	19,303
58	39	91 333	38 512,314	739 339,225	19,197	18,737
59	40	90 534	37 611,062	700 826,911	18,634	18,173
60	41	89 663	36 698,884	663 215,849	18,072	17,611
61	42	88 716	35 774,571	626 516,964	17,513	17,052
62	43	87 687	34 836,798	590 742,394	16,957	16,497
63	44	86 561	33 881,327	555 905,596	16,407	15,947
64	45	85 354	32 915,421	522 024,270	15,860	15,399
65	46	84 041	31 929,961	489 108,849	15,318	14,857
66	47	82 644	30 935,260	457 178,888	14,779	14,318
67	48	81 160	29 930,899	426 243,627	14,241	13,780
68	49	79 573	28 911,728	396 312,728	13,708	13,247
69	50	77 910	27 889,288	367 401,001	13,174	12,713
70	51	76 125	26 847,534	339 511,713	12,646	12,185
71	52	74 268	25 805,435	312 664,179	12,116	11,655
72	53	72 269	24 739,788	286 858,745	11,595	11,134
73	54	70 196	23 675,017	262 118,957	11,072	10,611
74	55	67 981	22 589,188	238 443,940	10,556	10,095
75	56	65 654	21 493,562	215 854,751	10,043	9,582
76	57	63 220	20 390,753	194 361,189	9,532	9,071
77	58	60 631	19 266,729	173 970,436	9,030	8,569
78	59	57 910	18 130,311	154 703,707	8,533	8,072
79	60	55 017	16 969,939	136 573,396	8,048	7,587
80	61	51 965	15 791,619	119 603,457	7,574	7,113
81	62	48 754	14 596,934	103 811,838	7,112	6,651
82	63	45 328	13 370,646	89 214,904	6,672	6,212
83	64	41 751	12 133,513	75 844,258	6,251	5,790
84	65	38 063	10 898,310	63 710,745	5,846	5,385
85	66	34 286	9 671,784	52 812,435	5,460	5,000
86	67	30 428	8 456,615	43 140,652	5,101	4,641
87	68	26 592	7 281,237	34 684,037	4,763	4,303
88	69	22 838	6 160,807	27 402,800	4,448	3,987
89	70	19 217	5 107,460	21 241,993	4,159	3,698
90	71	15 842	4 148,209	16 134,533	3,890	3,429
91	72	12 788	3 299,043	11 986,324	3,633	3,172
92	73	10 090	2 564,663	8 687,281	3,387	2,927
93	74	7 688	1 925,156	6 122,619	3,180	2,720
94	75	5 713	1 409,406	4 197,463	2,978	2,517
95	76	4 090	994,147	2 788,057	2,804	2,344
96	77	2 841	680,295	1 793,910	2,637	2,176
97	78	1 879	443,365	1 113,615	2,512	2,051
98	79	1 212	281,834	670,250	2,378	1,917
99	80	751	171,896	388,416	2,260	1,799
100	81	446	100,551	216,520	2,153	1,693

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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20	0	99 344	73 760,104	2 855 329,605	38,711	38,250
21	1	99 003	72 420,368	2 781 569,501	38,409	37,948
22	2	98 938	71 303,517	2 709 149,133	37,995	37,534
23	3	98 881	70 209,178	2 637 845,616	37,571	37,110
24	4	98 830	69 136,145	2 567 636,437	37,139	36,678
25	5	98 774	68 075,569	2 498 500,293	36,702	36,241
26	6	98 722	67 034,183	2 430 424,723	36,256	35,796
27	7	98 668	66 007,386	2 363 390,540	35,805	35,344
28	8	98 618	64 998,854	2 297 383,154	35,345	34,884
29	9	98 563	64 002,770	2 232 384,300	34,879	34,419
30	10	98 506	63 020,167	2 168 381,530	34,408	33,947
31	11	98 445	62 050,349	2 105 361,362	33,930	33,469
32	12	98 376	61 090,974	2 043 311,013	33,447	32,986
33	13	98 306	60 145,269	1 982 220,039	32,957	32,496
34	14	98 225	59 207,487	1 922 074,770	32,463	32,003
35	15	98 140	58 282,236	1 862 867,283	31,963	31,502
36	16	98 050	57 367,875	1 804 585,047	31,456	30,996
37	17	97 951	56 463,182	1 747 217,172	30,944	30,484
38	18	97 842	55 566,677	1 690 753,990	30,427	29,967
39	19	97 718	54 676,269	1 635 187,314	29,907	29,446
40	20	97 592	53 798,833	1 580 511,044	29,378	28,917
41	21	97 453	52 928,384	1 526 712,211	28,845	28,384
42	22	97 307	52 068,052	1 473 783,827	28,305	27,844
43	23	97 151	51 216,324	1 421 715,775	27,759	27,298
44	24	96 984	50 372,671	1 370 499,451	27,207	26,746
45	25	96 792	49 530,102	1 320 126,780	26,653	26,192
46	26	96 584	48 693,285	1 270 596,677	26,094	25,633
47	27	96 356	47 860,129	1 221 903,392	25,531	25,070
48	28	96 107	47 031,060	1 174 043,264	24,963	24,502
49	29	95 829	46 202,084	1 127 012,204	24,393	23,932
50	30	95 520	45 372,301	1 080 810,119	23,821	23,360
51	31	95 172	44 539,047	1 035 437,818	23,248	22,787
52	32	94 790	43 704,661	990 898,771	22,673	22,212
53	33	94 365	42 865,793	947 194,109	22,097	21,636
54	34	93 888	42 018,780	904 328,317	21,522	21,061
55	35	93 351	41 161,014	862 309,536	20,950	20,489
56	36	92 761	40 296,338	821 148,523	20,378	19,917
57	37	92 107	39 421,218	780 852,185	19,808	19,347
58	38	91 389	38 535,561	741 430,967	19,240	18,779
59	39	90 589	37 633,685	702 895,406	18,677	18,216
60	40	89 725	36 724,066	665 261,721	18,115	17,654
61	41	88 782	35 801,073	628 537,655	17,556	17,096
62	42	87 756	34 864,472	592 736,582	17,001	16,540
63	43	86 639	33 912,121	557 872,111	16,451	15,990
64	44	85 437	32 947,399	523 959,990	15,903	15,442
65	45	84 138	31 966,794	491 012,591	15,360	14,899
66	46	82 745	30 972,971	459 045,797	14,821	14,360
67	47	81 272	29 971,970	428 072,826	14,282	13,822
68	48	79 700	28 957,888	398 100,856	13,748	13,287
69	49	78 047	27 938,125	369 142,968	13,213	12,752
70	50	76 266	26 897,380	341 204,843	12,685	12,225
71	51	74 427	25 860,847	314 307,463	12,154	11,693
72	52	72 438	24 797,640	288 446,616	11,632	11,171
73	53	70 377	23 735,964	263 648,977	11,108	10,647
74	54	68 178	22 654,631	239 913,013	10,590	10,129
75	55	65 868	21 563,546	217 258,383	10,075	9,614
76	56	63 447	20 463,952	195 694,837	9,563	9,102
77	57	60 870	19 342,632	175 230,885	9,059	8,599
78	58	58 163	18 209,512	155 888,253	8,561	8,100
79	59	55 277	17 050,183	137 678,741	8,075	7,614
80	60	52 241	15 875,377	120 628,558	7,598	7,138
81	61	49 033	14 680,405	104 753,181	7,136	6,675
82	62	45 608	13 453,174	90 072,777	6,695	6,234
83	63	42 035	12 215,958	76 619,603	6,272	5,811
84	64	38 350	10 980,362	64 403,645	5,865	5,405
85	65	34 562	9 749,491	53 423,283	5,480	5,019
86	66	30 697	8 531,367	43 673,792	5,119	4,658
87	67	26 847	7 350,940	35 142,424	4,781	4,320
88	68	23 079	6 225,966	27 791,484	4,464	4,003
89	69	19 442	5 167,165	21 565,518	4,174	3,713
90	70	16 044	4 201,138	16 398,354	3,903	3,443
91	71	12 966	3 344,874	12 197,215	3,647	3,186
92	72	10 242	2 603,226	8 852,342	3,401	2,940
93	73	7 816	1 957,287	6 249,116	3,193	2,732
94	74	5 817	1 435,011	4 291,829	2,991	2,530
95	75	4 170	1 013,641	2 856,818	2,818	2,358
96	76	2 903	695,289	1 843,177	2,651	2,190
97	77	1 925	454,173	1 147,888	2,527	2,067
98	78	1 247	289,788	693,715	2,394	1,933
99	79	775	177,471	403,927	2,276	1,815
100	80	463	104,356	226,456	2,170	1,709

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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21	0	99 301	72 638,672	2 784 033,342	38,327	37,866
22	1	98 963	71 321,201	2 711 394,671	38,017	37,556
23	2	98 893	70 217,901	2 640 073,470	37,598	37,137
24	3	98 841	69 143,276	2 569 855,569	37,167	36,706
25	4	98 783	68 082,084	2 500 712,293	36,731	36,270
26	5	98 731	67 040,155	2 432 630,210	36,286	35,825
27	6	98 677	66 013,226	2 365 590,054	35,835	35,374
28	7	98 622	65 001,874	2 299 576,829	35,377	34,916
29	8	98 570	64 007,230	2 234 574,955	34,911	34,450
30	9	98 512	63 024,023	2 170 567,724	34,440	33,980
31	10	98 450	62 053,979	2 107 543,702	33,963	33,502
32	11	98 384	61 095,698	2 045 489,723	33,480	33,019
33	12	98 314	60 149,992	1 984 394,025	32,991	32,530
34	13	98 234	59 213,066	1 924 244,033	32,497	32,036
35	14	98 149	58 287,610	1 865 030,967	31,997	31,536
36	15	98 062	57 374,856	1 806 743,356	31,490	31,029
37	16	97 965	56 471,497	1 749 368,500	30,978	30,517
38	17	97 855	55 574,244	1 692 897,003	30,462	30,001
39	18	97 737	54 687,044	1 637 322,759	29,940	29,479
40	19	97 609	53 808,238	1 582 635,716	29,413	28,952
41	20	97 471	52 938,171	1 528 827,478	28,879	28,419
42	21	97 323	52 076,639	1 475 889,306	28,341	27,880
43	22	97 167	51 224,664	1 423 812,667	27,795	27,335
44	23	97 002	50 381,738	1 372 588,003	27,244	26,783
45	24	96 810	49 539,016	1 322 206,265	26,690	26,229
46	25	96 603	48 702,549	1 272 667,249	26,131	25,671
47	26	96 374	47 869,138	1 223 964,699	25,569	25,108
48	27	96 128	47 041,183	1 176 095,562	25,001	24,541
49	28	95 852	46 212,974	1 129 054,379	24,432	23,971
50	29	95 544	45 384,045	1 082 841,405	23,860	23,399
51	30	95 202	44 553,177	1 037 457,360	23,286	22,825
52	31	94 820	43 718,389	992 904,184	22,711	22,251
53	32	94 397	42 880,485	949 185,795	22,136	21,675
54	33	93 922	42 033,926	906 305,310	21,561	21,100
55	34	93 389	41 177,731	864 271,383	20,989	20,528
56	35	92 799	40 312,952	823 093,652	20,418	19,957
57	36	92 150	39 439,301	782 780,700	19,848	19,387
58	37	91 432	38 553,861	743 341,399	19,281	18,820
59	38	90 643	37 656,402	704 787,538	18,716	18,255
60	39	89 779	36 746,156	667 131,136	18,155	17,694
61	40	88 843	35 825,638	630 384,981	17,596	17,135
62	41	87 821	34 890,299	594 559,343	17,041	16,580
63	42	86 708	33 939,061	559 669,043	16,490	16,030
64	43	85 515	32 977,345	525 729,983	15,942	15,481
65	44	84 220	31 997,850	492 752,638	15,400	14,939
66	45	82 840	31 008,700	460 754,788	14,859	14,398
67	46	81 371	30 008,506	429 746,088	14,321	13,860
68	47	79 809	28 997,623	399 737,582	13,785	13,324
69	48	78 171	27 982,731	370 739,959	13,249	12,788
70	49	76 400	26 944,481	342 757,227	12,721	12,260
71	50	74 565	25 908,861	315 812,747	12,189	11,729
72	51	72 593	24 850,888	289 903,886	11,666	11,205
73	52	70 541	23 791,468	265 052,998	11,141	10,680
74	53	68 353	22 712,950	241 261,530	10,622	10,161
75	54	66 059	21 626,017	218 548,580	10,106	9,645
76	55	63 653	20 530,583	196 922,563	9,592	9,131
77	56	61 088	19 412,068	176 391,980	9,087	8,626
78	57	58 393	18 281,250	156 979,912	8,587	8,126
79	58	55 519	17 124,665	138 698,662	8,099	7,639
80	59	52 488	15 950,446	121 573,997	7,622	7,161
81	60	49 293	14 758,269	105 623,552	7,157	6,696
82	61	45 869	13 530,104	90 865,283	6,716	6,255
83	62	42 294	12 291,358	77 335,179	6,292	5,831
84	63	38 610	11 054,971	65 043,820	5,884	5,423
85	64	34 822	9 822,895	53 988,849	5,496	5,035
86	65	30 944	8 599,912	44 165,955	5,136	4,675
87	66	27 084	7 415,919	35 566,042	4,796	4,335
88	67	23 300	6 285,567	28 150,123	4,479	4,018
89	68	19 647	5 221,815	21 864,556	4,187	3,726
90	69	16 231	4 250,248	16 642,741	3,916	3,455
91	70	13 131	3 387,553	12 392,493	3,658	3,197
92	71	10 384	2 639,390	9 004,941	3,412	2,951
93	72	7 934	1 986,717	6 365,550	3,204	2,743
94	73	5 914	1 458,962	4 378,833	3,001	2,541
95	74	4 246	1 032,056	2 919,872	2,829	2,368
96	75	2 960	708,923	1 887,816	2,663	2,202
97	76	1 967	464,183	1 178,893	2,540	2,079
98	77	1 277	296,852	714,710	2,408	1,947
99	78	797	182,480	417,857	2,290	1,829
100	79	478	107,741	235,378	2,185	1,724

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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22	0	99 261	71 536,192	2 713 665,907	37,934	37,473
23	1	98 918	70 235,315	2 642 129,716	37,618	37,157
24	2	98 853	69 151,866	2 571 894,401	37,192	36,731
25	3	98 794	68 089,106	2 502 742,535	36,757	36,296
26	4	98 740	67 046,571	2 434 653,429	36,313	35,852
27	5	98 685	66 019,107	2 367 606,858	35,862	35,402
28	6	98 631	65 007,624	2 301 587,752	35,405	34,944
29	7	98 574	64 010,204	2 236 580,127	34,941	34,480
30	8	98 518	63 028,415	2 172 569,923	34,470	34,009
31	9	98 456	62 057,775	2 109 541,508	33,993	33,532
32	10	98 390	61 099,272	2 047 483,733	33,511	33,050
33	11	98 322	60 154,644	1 986 384,461	33,021	32,561
34	12	98 242	59 217,716	1 926 229,818	32,528	32,067
35	13	98 159	58 293,102	1 867 012,102	32,028	31,567
36	14	98 071	57 380,147	1 808 718,999	31,522	31,061
37	15	97 977	56 478,369	1 751 338,852	31,009	30,548
38	16	97 869	55 582,428	1 694 860,484	30,493	30,032
39	17	97 751	54 694,491	1 639 278,056	29,972	29,511
40	18	97 628	53 818,841	1 584 583,565	29,443	28,982
41	19	97 488	52 947,426	1 530 764,723	28,911	28,450
42	20	97 341	52 086,269	1 477 817,297	28,372	27,912
43	21	97 183	51 233,112	1 425 731,029	27,828	27,368
44	22	97 017	50 389,942	1 374 497,916	27,277	26,816
45	23	96 827	49 547,933	1 324 107,974	26,724	26,263
46	24	96 620	48 711,314	1 274 560,041	26,166	25,705
47	25	96 392	47 878,245	1 225 848,727	25,603	25,143
48	26	96 146	47 050,037	1 177 970,482	25,037	24,576
49	27	95 872	46 222,920	1 130 920,444	24,467	24,006
50	28	95 567	45 394,742	1 084 697,524	23,895	23,434
51	29	95 227	44 564,709	1 039 302,782	23,321	22,860
52	30	94 850	43 732,257	994 738,073	22,746	22,285
53	31	94 427	42 893,954	951 005,816	22,171	21,710
54	32	93 954	42 048,334	908 111,862	21,597	21,136
55	33	93 422	41 192,574	866 063,529	21,025	20,564
56	34	92 837	40 329,325	824 870,954	20,453	19,993
57	35	92 188	39 455,562	784 541,629	19,884	19,423
58	36	91 474	38 571,546	745 086,067	19,317	18,856
59	37	90 686	37 674,284	706 514,521	18,753	18,292
60	38	89 833	36 768,336	668 840,237	18,191	17,730
61	39	88 896	35 847,188	632 071,901	17,632	17,172
62	40	87 881	34 914,240	596 224,713	17,077	16,616
63	41	86 772	33 964,203	561 310,473	16,527	16,066
64	42	85 583	33 003,541	527 346,270	15,978	15,518
65	43	84 296	32 026,933	494 342,729	15,435	14,974
66	44	82 921	31 038,825	462 315,796	14,895	14,434
67	45	81 465	30 043,122	431 276,970	14,355	13,894
68	46	79 907	29 032,972	401 233,848	13,820	13,359
69	47	78 279	28 021,129	372 200,876	13,283	12,822
70	48	76 522	26 987,500	344 179,748	12,753	12,293
71	49	74 696	25 954,231	317 192,247	12,221	11,760
72	50	72 728	24 897,027	291 238,017	11,698	11,237
73	51	70 693	23 842,556	266 340,990	11,171	10,710
74	52	68 513	22 766,062	242 498,434	10,652	10,191
75	53	66 229	21 681,688	219 732,372	10,134	9,674
76	54	63 838	20 590,061	198 050,684	9,619	9,158
77	55	61 287	19 475,274	177 460,622	9,112	8,651
78	56	58 602	18 346,876	157 985,348	8,611	8,150
79	57	55 737	17 192,129	139 638,472	8,122	7,661
80	58	52 717	16 020,124	122 446,343	7,643	7,182
81	59	49 526	14 828,055	106 426,219	7,177	6,717
82	60	46 112	13 601,867	91 598,164	6,734	6,273
83	61	42 536	12 361,645	77 996,297	6,310	5,849
84	62	38 849	11 123,206	65 634,652	5,901	5,440
85	63	35 059	9 889,639	54 511,446	5,512	5,051
86	64	31 177	8 664,661	44 621,808	5,150	4,689
87	65	27 301	7 475,502	35 957,147	4,810	4,349
88	66	23 506	6 341,129	28 481,645	4,492	4,031
89	67	19 835	5 271,803	22 140,516	4,200	3,739
90	68	16 403	4 295,200	16 868,713	3,927	3,467
91	69	13 284	3 427,152	12 573,513	3,669	3,208
92	70	10 517	2 673,068	9 146,361	3,422	2,961
93	71	8 044	2 014,317	6 473,293	3,214	2,753
94	72	6 003	1 480,899	4 458,976	3,011	2,550
95	73	4 317	1 049,281	2 978,077	2,838	2,377
96	74	3 014	721,802	1 928,796	2,672	2,211
97	75	2 006	473,285	1 206,994	2,550	2,089
98	76	1 305	303,395	733,709	2,418	1,958
99	77	816	186,928	430,314	2,302	1,841
100	78	491	110,782	243,386	2,197	1,736

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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23	0	99 216	70 447,033	2 644 223,667	37,535	37,074
24	1	98 877	69 169,016	2 573 776,634	37,210	36,749
25	2	98 806	68 097,565	2 504 607,618	36,780	36,319
26	3	98 750	67 053,486	2 436 510,053	36,337	35,876
27	4	98 695	66 025,424	2 369 456,567	35,887	35,426
28	5	98 640	65 013,416	2 303 431,143	35,430	34,969
29	6	98 583	64 015,867	2 238 417,727	34,967	34,506
30	7	98 523	63 031,343	2 174 401,860	34,497	34,036
31	8	98 463	62 062,100	2 111 370,517	34,020	33,559
32	9	98 396	61 103,010	2 049 308,418	33,539	33,078
33	10	98 327	60 158,163	1 988 205,408	33,050	32,589
34	11	98 250	59 222,295	1 928 047,245	32,556	32,095
35	12	98 166	58 297,680	1 868 824,950	32,057	31,596
36	13	98 080	57 385,553	1 810 527,269	31,550	31,089
37	14	97 986	56 483,577	1 753 141,716	31,038	30,577
38	15	97 881	55 589,192	1 696 658,139	30,521	30,061
39	16	97 765	54 702,546	1 641 068,948	30,000	29,539
40	17	97 642	53 826,171	1 586 366,402	29,472	29,011
41	18	97 508	52 957,860	1 532 540,231	28,939	28,478
42	19	97 358	52 095,374	1 479 582,372	28,401	27,941
43	20	97 201	51 242,586	1 427 486,998	27,857	27,397
44	21	97 033	50 398,253	1 376 244,412	27,307	26,847
45	22	96 843	49 556,001	1 325 846,159	26,755	26,294
46	23	96 638	48 720,082	1 276 290,158	26,196	25,736
47	24	96 410	47 886,862	1 227 570,075	25,635	25,174
48	25	96 164	47 058,989	1 179 683,214	25,068	24,607
49	26	95 890	46 231,621	1 132 624,225	24,499	24,038
50	27	95 588	45 404,513	1 086 392,604	23,927	23,466
51	28	95 249	44 575,212	1 040 988,091	23,354	22,893
52	29	94 874	43 743,577	996 412,879	22,778	22,318
53	30	94 457	42 907,561	952 669,302	22,203	21,742
54	31	93 983	42 061,541	909 761,741	21,629	21,169
55	32	93 454	41 206,693	867 700,200	21,057	20,596
56	33	92 870	40 343,862	826 493,507	20,486	20,025
57	34	92 225	39 471,587	786 149,645	19,917	19,456
58	35	91 512	38 587,449	746 678,057	19,350	18,889
59	36	90 728	37 691,566	708 090,608	18,786	18,326
60	37	89 876	36 785,797	670 399,043	18,224	17,764
61	38	88 950	35 868,825	633 613,245	17,665	17,204
62	39	87 934	34 935,241	597 744,420	17,110	16,649
63	40	86 832	33 987,508	562 809,179	16,559	16,098
64	41	85 646	33 027,991	528 821,671	16,011	15,551
65	42	84 363	32 052,375	495 793,680	15,468	15,007
66	43	82 996	31 067,036	463 741,305	14,927	14,466
67	44	81 544	30 072,310	432 674,269	14,388	13,927
68	45	79 999	29 066,463	402 601,959	13,851	13,390
69	46	78 374	28 055,286	373 535,496	13,314	12,853
70	47	76 627	27 024,532	345 480,210	12,784	12,323
71	48	74 815	25 995,669	318 455,678	12,250	11,790
72	49	72 856	24 940,625	292 460,009	11,726	11,265
73	50	70 824	23 886,823	267 519,384	11,199	10,739
74	51	68 660	22 814,948	243 632,561	10,679	10,218
75	52	66 384	21 732,389	220 817,613	10,161	9,700
76	53	64 002	20 643,066	199 085,224	9,644	9,183
77	54	61 465	19 531,695	178 442,158	9,136	8,675
78	55	58 793	18 406,614	158 910,463	8,633	8,173
79	56	55 938	17 253,846	140 503,849	8,143	7,683
80	57	52 925	16 083,236	123 250,004	7,663	7,202
81	58	49 742	14 892,830	107 166,767	7,196	6,735
82	59	46 330	13 666,185	92 273,937	6,752	6,291
83	60	42 762	12 427,210	78 607,752	6,325	5,865
84	61	39 071	11 186,813	66 180,542	5,916	5,455
85	62	35 275	9 950,681	54 993,729	5,527	5,066
86	63	31 389	8 723,535	45 043,048	5,163	4,703
87	64	27 507	7 531,785	36 319,513	4,822	4,361
88	65	23 695	6 392,076	28 787,729	4,504	4,043
89	66	20 011	5 318,403	22 395,652	4,211	3,750
90	67	16 560	4 336,318	17 077,249	3,938	3,477
91	68	13 425	3 463,399	12 740,931	3,679	3,218
92	69	10 640	2 704,315	9 277,532	3,431	2,970
93	70	8 147	2 040,019	6 573,217	3,222	2,761
94	71	6 086	1 501,472	4 533,198	3,019	2,558
95	72	4 382	1 065,058	3 031,726	2,847	2,386
96	73	3 064	733,849	1 966,668	2,680	2,219
97	74	2 042	481,884	1 232,819	2,558	2,098
98	75	1 331	309,344	750,935	2,428	1,967
99	76	834	191,048	441,591	2,311	1,851
100	77	503	113,482	250,543	2,208	1,747

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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24	0	99 175	69 377,519	2 575 707,460	37,126	36,665
25	1	98 830	68 114,453	2 506 329,941	36,796	36,335
26	2	98 763	67 061,817	2 438 215,488	36,358	35,897
27	3	98 705	66 032,234	2 371 153,671	35,909	35,448
28	4	98 649	65 019,637	2 305 121,437	35,453	34,992
29	5	98 592	64 021,570	2 240 101,800	34,990	34,529
30	6	98 532	63 036,919	2 176 080,230	34,521	34,060
31	7	98 468	62 064,983	2 113 043,311	34,046	33,585
32	8	98 403	61 107,268	2 050 978,328	33,564	33,103
33	9	98 333	60 161,843	1 989 871,059	33,075	32,615
34	10	98 255	59 225,760	1 929 709,216	32,582	32,121
35	11	98 174	58 302,189	1 870 483,457	32,083	31,622
36	12	98 088	57 390,060	1 812 181,268	31,577	31,116
37	13	97 996	56 488,899	1 754 791,208	31,064	30,604
38	14	97 890	55 594,318	1 698 302,309	30,548	30,087
39	15	97 777	54 709,202	1 642 707,992	30,026	29,565
40	16	97 656	53 834,097	1 587 998,790	29,498	29,037
41	17	97 521	52 965,071	1 534 164,692	28,966	28,505
42	18	97 377	52 105,640	1 481 199,621	28,427	27,966
43	19	97 218	51 251,544	1 429 093,981	27,884	27,423
44	20	97 051	50 407,572	1 377 842,437	27,334	26,873
45	21	96 859	49 564,174	1 327 434,864	26,782	26,321
46	22	96 653	48 728,016	1 277 870,690	26,225	25,764
47	23	96 427	47 895,481	1 229 142,675	25,663	25,202
48	24	96 181	47 067,458	1 181 247,193	25,097	24,636
49	25	95 909	46 240,417	1 134 179,735	24,528	24,067
50	26	95 605	45 413,059	1 087 939,318	23,957	23,496
51	27	95 270	44 584,806	1 042 526,259	23,383	22,922
52	28	94 897	43 753,887	997 941,453	22,808	22,347
53	29	94 481	42 918,667	954 187,566	22,232	21,772
54	30	94 013	42 074,884	911 268,899	21,658	21,197
55	31	93 484	41 219,636	869 194,015	21,087	20,626
56	32	92 902	40 357,690	827 974,379	20,516	20,055
57	33	92 258	39 485,815	787 616,689	19,947	19,486
58	34	91 549	38 603,122	748 130,873	19,380	18,919
59	35	90 765	37 707,106	709 527,752	18,817	18,356
60	36	89 917	36 802,671	671 820,646	18,255	17,794
61	37	88 992	35 885,859	635 017,975	17,695	17,235
62	38	87 987	34 956,329	599 132,115	17,139	16,679
63	39	86 884	34 007,952	564 175,787	16,590	16,129
64	40	85 705	33 050,653	530 167,835	16,041	15,580
65	41	84 426	32 076,119	497 117,181	15,498	15,037
66	42	83 062	31 091,716	465 041,062	14,957	14,496
67	43	81 618	30 099,642	433 949,346	14,417	13,956
68	44	80 076	29 094,702	403 849,704	13,881	13,420
69	45	78 464	28 087,650	374 755,002	13,342	12,882
70	46	76 720	27 057,475	346 667,353	12,812	12,351
71	47	74 918	26 031,340	319 609,878	12,278	11,817
72	48	72 972	24 980,445	293 578,538	11,752	11,292
73	49	70 948	23 928,652	268 598,093	11,225	10,764
74	50	68 788	22 857,307	244 669,441	10,704	10,243
75	51	66 526	21 779,055	221 812,134	10,185	9,724
76	52	64 152	20 691,338	200 033,079	9,667	9,207
77	53	61 623	19 581,975	179 341,741	9,159	8,698
78	54	58 963	18 459,939	159 759,766	8,654	8,194
79	55	56 120	17 310,025	141 299,827	8,163	7,702
80	56	53 114	16 140,972	123 989,802	7,682	7,221
81	57	49 938	14 951,502	107 848,830	7,213	6,752
82	58	46 532	13 725,885	92 897,329	6,768	6,307
83	59	42 964	12 485,974	79 171,444	6,341	5,880
84	60	39 278	11 246,147	66 685,470	5,930	5,469
85	61	35 477	10 007,583	55 439,323	5,540	5,079
86	62	31 582	8 777,379	45 431,741	5,176	4,715
87	63	27 694	7 582,961	36 654,361	4,834	4,373
88	64	23 873	6 440,202	29 071,400	4,514	4,053
89	65	20 171	5 361,134	22 631,198	4,221	3,761
90	66	16 707	4 374,649	17 270,064	3,948	3,487
91	67	13 553	3 496,554	12 895,415	3,688	3,227
92	68	10 752	2 732,917	9 398,861	3,439	2,978
93	69	8 242	2 063,866	6 665,944	3,230	2,769
94	70	6 164	1 520,630	4 602,078	3,026	2,566
95	71	4 443	1 079,854	3 081,448	2,854	2,393
96	72	3 110	744,883	2 001,594	2,687	2,226
97	73	2 077	489,926	1 256,711	2,565	2,104
98	74	1 355	314,964	766,784	2,435	1,974
99	75	851	194,794	451,820	2,319	1,859
100	76	514	115,984	257,026	2,216	1,755

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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25	0	99 128	68 319,778	2 508 110,714	36,711	36,251
26	1	98 787	67 078,448	2 439 790,936	36,372	35,911
27	2	98 717	66 040,438	2 372 712,488	35,928	35,467
28	3	98 659	65 026,343	2 306 672,050	35,473	35,012
29	4	98 601	64 027,697	2 241 645,707	35,011	34,550
30	5	98 541	63 042,535	2 177 618,010	34,542	34,081
31	6	98 476	62 070,474	2 114 575,475	34,067	33,607
32	7	98 407	61 110,107	2 052 505,001	33,587	33,126
33	8	98 340	60 166,035	1 991 394,894	33,098	32,638
34	9	98 261	59 229,383	1 931 228,859	32,606	32,145
35	10	98 180	58 305,599	1 871 999,476	32,107	31,646
36	11	98 095	57 394,498	1 813 693,877	31,600	31,140
37	12	98 003	56 493,335	1 756 299,378	31,089	30,628
38	13	97 900	55 599,556	1 699 806,044	30,572	30,111
39	14	97 786	54 714,247	1 644 206,488	30,051	29,590
40	15	97 668	53 840,648	1 589 492,241	29,522	29,061
41	16	97 535	52 972,871	1 535 651,592	28,989	28,529
42	17	97 391	52 112,736	1 482 678,721	28,451	27,991
43	18	97 237	51 261,644	1 430 565,985	27,907	27,446
44	19	97 068	50 416,384	1 379 304,341	27,358	26,897
45	20	96 877	49 573,339	1 328 887,957	26,807	26,346
46	21	96 669	48 736,052	1 279 314,618	26,250	25,789
47	22	96 443	47 903,280	1 230 578,566	25,689	25,228
48	23	96 199	47 075,930	1 182 675,285	25,123	24,662
49	24	95 926	46 248,739	1 135 599,355	24,554	24,093
50	25	95 624	45 421,699	1 089 350,616	23,983	23,522
51	26	95 288	44 593,199	1 043 928,917	23,410	22,949
52	27	94 917	43 763,304	999 335,718	22,835	22,374
53	28	94 504	42 928,783	955 572,414	22,259	21,799
54	29	94 038	42 085,774	912 643,631	21,685	21,225
55	30	93 513	41 232,712	870 557,857	21,113	20,652
56	31	92 931	40 370,366	829 325,145	20,543	20,082
57	32	92 290	39 499,349	788 954,778	19,974	19,513
58	33	91 582	38 617,037	749 455,429	19,407	18,947
59	34	90 802	37 722,421	710 838,393	18,844	18,383
60	35	89 954	36 817,845	673 115,972	18,282	17,822
61	36	89 033	35 902,320	636 298,127	17,723	17,262
62	37	88 029	34 972,929	600 395,806	17,167	16,707
63	38	86 937	34 028,480	565 422,877	16,616	16,155
64	39	85 757	33 070,534	531 394,398	16,069	15,608
65	40	84 484	32 098,129	498 323,864	15,525	15,064
66	41	83 124	31 114,749	466 225,735	14,984	14,523
67	42	81 683	30 123,553	435 110,987	14,444	13,983
68	43	80 149	29 121,146	404 987,433	13,907	13,446
69	44	78 541	28 114,938	375 866,288	13,369	12,908
70	45	76 809	27 088,687	347 751,350	12,838	12,377
71	46	75 009	26 063,072	320 662,663	12,303	11,843
72	47	73 072	25 014,723	294 599,591	11,777	11,316
73	48	71 061	23 966,856	269 584,868	11,248	10,787
74	49	68 908	22 897,333	245 618,012	10,727	10,266
75	50	66 650	21 819,491	222 720,679	10,207	9,747
76	51	64 289	20 735,769	200 901,188	9,689	9,228
77	52	61 767	19 627,766	180 165,419	9,179	8,718
78	53	59 115	18 507,460	160 537,653	8,674	8,213
79	54	56 282	17 360,173	142 030,193	8,181	7,721
80	55	53 287	16 193,527	124 670,020	7,699	7,238
81	56	50 118	15 005,175	108 476,493	7,229	6,768
82	57	46 716	13 779,959	93 471,318	6,783	6,322
83	58	43 152	12 540,518	79 691,360	6,355	5,894
84	59	39 464	11 299,326	67 150,842	5,943	5,482
85	60	35 665	10 060,662	55 851,516	5,551	5,091
86	61	31 763	8 827,572	45 790,854	5,187	4,726
87	62	27 865	7 629,766	36 963,282	4,845	4,384
88	63	24 035	6 483,962	29 333,517	4,524	4,063
89	64	20 323	5 401,498	22 849,555	4,230	3,769
90	65	16 841	4 409,797	17 448,057	3,957	3,496
91	66	13 673	3 527,462	13 038,260	3,696	3,235
92	67	10 855	2 759,079	9 510,798	3,447	2,986
93	68	8 329	2 085,694	6 751,719	3,237	2,776
94	69	6 236	1 538,406	4 666,025	3,033	2,572
95	70	4 499	1 093,633	3 127,619	2,860	2,399
96	71	3 154	755,231	2 033,987	2,693	2,232
97	72	2 108	497,293	1 278,755	2,571	2,111
98	73	1 378	320,221	781,462	2,440	1,980
99	74	866	198,333	461,241	2,326	1,865
100	75	524	118,258	262,908	2,223	1,762

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	4 144 993,595	41,450	40,989	50	50	94 053	39 504,808	827 105,056	20,937	20,476
1	1	99 344	97 635,685	4 044 993,595	41,429	40,968	51	51	93 566	38 624,589	787 600,247	20,391	19,930
2	2	99 292	95 906,139	3 947 357,909	41,159	40,697	52	52	93 020	37 738,719	748 975,659	19,846	19,385
3	3	99 264	94 230,226	3 851 451,770	40,873	40,412	53	53	92 419	36 849,901	711 236,940	19,301	18,840
4	4	99 243	92 589,920	3 757 221,544	40,579	40,118	54	54	91 749	35 953,444	674 387,038	18,757	18,296
5	5	99 223	90 979,064	3 664 631,624	40,280	39,819	55	55	90 997	35 045,700	638 433,595	18,217	17,756
6	6	99 204	89 397,367	3 573 652,560	39,975	39,514	56	56	90 166	34 128,180	603 387,895	17,680	17,219
7	7	99 187	87 844,062	3 484 255,193	39,664	39,203	57	57	89 251	33 201,075	569 259,716	17,146	16,685
8	8	99 174	86 321,783	3 396 411,132	39,346	38,885	58	58	88 249	32 263,689	536 058,641	16,615	16,154
9	9	99 158	84 823,967	3 310 089,348	39,023	38,562	59	59	87 149	31 313,365	503 794,952	16,089	15,628
10	10	99 144	83 353,309	3 225 265,381	38,694	38,233	60	60	85 963	30 356,224	472 481,587	15,565	15,103
11	11	99 130	81 908,431	3 141 912,073	38,359	37,898	61	61	84 669	29 384,964	442 125,363	15,046	14,585
12	12	99 115	80 487,232	3 060 003,641	38,018	37,557	62	62	83 277	28 404,625	412 740,399	14,531	14,070
13	13	99 101	79 091,274	2 979 516,409	37,672	37,211	63	63	81 777	27 413,535	384 335,774	14,020	13,559
14	14	99 082	77 716,206	2 900 425,135	37,321	36,860	64	64	80 171	26 412,923	356 922,239	13,513	13,052
15	15	99 059	76 362,160	2 822 708,929	36,965	36,504	65	65	78 438	25 397,456	330 509,316	13,013	12,552
16	16	99 031	75 027,679	2 746 346,768	36,604	36,143	66	66	76 613	24 379,845	305 111,860	12,515	12,054
17	17	98 992	73 708,174	2 671 319,089	36,242	35,781	67	67	74 681	23 356,188	280 732,015	12,020	11,558
18	18	98 951	72 410,701	2 597 610,916	35,873	35,412	68	68	72 641	22 327,648	257 375,827	11,527	11,066
19	19	98 894	71 124,024	2 525 200,214	35,504	35,043	69	69	70 502	21 297,503	235 048,179	11,036	10,575
20	20	98 837	69 860,751	2 454 076,190	35,128	34,667	70	70	68 217	20 252,823	213 750,676	10,554	10,093
21	21	98 777	68 616,877	2 384 215,439	34,747	34,286	71	71	65 856	19 215,389	193 497,853	10,070	9,609
22	22	98 720	67 398,289	2 315 598,563	34,357	33,896	72	72	63 353	18 167,209	174 282,464	9,593	9,132
23	23	98 659	66 198,275	2 248 200,274	33,962	33,500	73	73	60 780	17 129,676	156 115,255	9,114	8,653
24	24	98 601	65 021,381	2 182 001,999	33,558	33,097	74	74	58 064	16 082,696	138 985,579	8,642	8,181
25	25	98 537	63 861,239	2 116 980,617	33,150	32,688	75	75	55 255	15 041,490	122 902,883	8,171	7,710
26	26	98 475	62 723,470	2 053 119,378	32,733	32,272	76	76	52 370	14 011,033	107 861,393	7,698	7,237
27	27	98 411	61 604,806	1 990 395,908	32,309	31,848	77	77	49 336	12 972,260	93 850,360	7,235	6,773
28	28	98 344	60 504,280	1 928 791,102	31,879	31,417	78	78	46 202	11 939,275	80 878,101	6,774	6,313
29	29	98 274	59 420,829	1 868 286,823	31,442	30,980	79	79	42 891	10 892,967	68 938,826	6,329	5,868
30	30	98 197	58 353,281	1 808 865,994	30,999	30,537	80	80	39 447	9 845,994	58 045,859	5,895	5,434
31	31	98 111	57 299,289	1 750 512,713	30,550	30,089	81	81	35 864	8 797,750	48 199,866	5,479	5,017
32	32	98 019	56 261,444	1 693 213,423	30,095	29,634	82	82	32 118	7 743,303	39 402,116	5,089	4,627
33	33	97 924	55 239,813	1 636 951,979	29,634	29,172	83	83	28 314	6 708,732	31 658,812	4,719	4,258
34	34	97 817	54 230,472	1 581 712,166	29,166	28,705	84	84	24 532	5 712,770	24 950,080	4,367	3,906
35	35	97 702	53 235,124	1 527 481,695	28,693	28,232	85	85	20 824	4 765,813	19 237,310	4,037	3,575
36	36	97 583	52 256,014	1 474 246,570	28,212	27,751	86	86	17 225	3 874,307	14 471,497	3,735	3,274
37	37	97 455	51 289,595	1 421 990,557	27,725	27,264	87	87	13 872	3 066,600	10 597,190	3,456	2,994
38	38	97 313	50 334,170	1 370 700,962	27,232	26,771	88	88	10 836	2 354,286	7 530,590	3,199	2,737
39	39	97 150	49 385,845	1 320 366,792	26,736	26,275	89	89	8 172	1 744,778	5 176,304	2,967	2,506
40	40	96 984	48 453,244	1 270 980,947	26,231	25,770	90	90	5 939	1 246,217	3 431,525	2,754	2,292
41	41	96 797	47 528,342	1 222 527,703	25,722	25,261	91	91	4 144	854,576	2 185,308	2,557	2,096
42	42	96 597	46 614,067	1 174 999,360	25,207	24,746	92	92	2 762	559,913	1 330,732	2,377	1,915
43	43	96 381	45 710,035	1 128 385,293	24,686	24,225	93	93	1 739	346,337	770,819	2,226	1,764
44	44	96 145	44 813,965	1 082 675,259	24,159	23,698	94	94	1 041	203,709	424,482	2,084	1,623
45	45	95 879	43 921,348	1 037 861,294	23,630	23,169	95	95	585	112,509	220,773	1,962	1,501
46	46	95 581	43 031,755	993 939,946	23,098	22,637	96	96	310	58,652	108,264	1,846	1,385
47	47	95 257	42 148,113	950 908,190	22,561	22,100	97	97	150	27,903	49,612	1,778	1,317
48	48	94 901	41 268,492	908 760,078	22,021	21,559	98	98	70	12,753	21,709	1,702	1,241
49	49	94 498	40 386,530	867 491,585	21,480	21,019	99	99	31	5,502	8,956	1,628	1,166
							100	100	13	2,209	3,454	1,563	1,102

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 699	99 699,466	4 133 670,073	41,461	41,000	50	51	93 878	39 431,598	817 098,485	20,722	20,261
1	2	99 320	97 611,478	4 033 970,607	41,327	40,866	51	52	93 366	38 541,828	777 666,887	20,177	19,716
2	3	99 280	95 894,225	3 936 359,129	41,049	40,588	52	53	92 803	37 650,676	739 125,059	19,631	19,170
3	4	99 254	94 220,508	3 840 464,905	40,760	40,299	53	54	92 182	36 755,283	701 474,384	19,085	18,624
4	5	99 234	92 581,061	3 746 244,396	40,464	40,003	54	55	91 483	35 849,585	664 719,101	18,542	18,081
5	6	99 214	90 970,959	3 653 663,336	40,163	39,702	55	56	90 702	34 931,961	628 869,515	18,003	17,541
6	7	99 196	89 389,459	3 562 692,376	39,856	39,395	56	57	89 843	34 006,104	593 937,555	17,466	17,004
7	8	99 182	87 839,981	3 473 302,917	39,541	39,080	57	58	88 901	33 070,789	559 931,451	16,931	16,470
8	9	99 167	86 315,768	3 385 462,937	39,222	38,761	58	59	87 865	32 123,361	526 860,661	16,401	15,940
9	10	99 152	84 818,778	3 299 147,169	38,896	38,435	59	60	86 738	31 165,993	494 737,300	15,874	15,413
10	11	99 138	83 348,433	3 214 328,391	38,565	38,104	60	61	85 510	30 196,066	463 571,307	15,352	14,891
11	12	99 123	81 902,098	3 130 979,957	38,228	37,767	61	62	84 188	29 217,885	433 375,242	14,833	14,371
12	13	99 107	80 480,912	3 049 077,860	37,886	37,425	62	63	82 766	28 230,378	404 157,357	14,316	13,855
13	14	99 091	79 083,823	2 968 596,948	37,537	37,076	63	64	81 226	27 228,524	375 926,979	13,806	13,345
14	15	99 073	77 709,040	2 889 513,125	37,184	36,723	64	65	79 572	26 215,547	348 698,454	13,301	12,840
15	16	99 047	76 352,869	2 811 804,085	36,826	36,365	65	66	77 813	25 195,027	322 482,907	12,799	12,338
16	17	99 017	75 016,631	2 735 451,215	36,465	36,003	66	67	75 942	24 166,226	297 287,879	12,302	11,841
17	18	98 979	73 698,137	2 660 434,584	36,099	35,638	67	68	73 972	23 134,720	273 121,654	11,806	11,344
18	19	98 932	72 396,435	2 586 736,446	35,730	35,269	68	69	71 881	22 093,974	249 986,934	11,315	10,854
19	20	98 877	71 111,592	2 514 340,011	35,358	34,896	69	70	69 688	21 051,419	227 892,960	10,826	10,364
20	21	98 819	69 847,835	2 443 228,419	34,979	34,518	70	71	67 358	19 997,661	206 841,541	10,343	9,882
21	22	98 760	68 605,562	2 373 380,584	34,595	34,133	71	72	64 953	18 952,104	186 843,879	9,859	9,398
22	23	98 704	67 387,316	2 304 775,022	34,202	33,741	72	73	62 414	17 898,088	167 891,775	9,380	8,919
23	24	98 642	66 186,362	2 237 387,706	33,804	33,343	73	74	59 782	16 848,473	149 993,688	8,903	8,441
24	25	98 583	65 009,682	2 171 201,345	33,398	32,937	74	75	57 028	15 795,729	133 145,215	8,429	7,968
25	26	98 518	63 849,092	2 106 191,663	32,987	32,526	75	76	54 192	14 752,221	117 349,486	7,955	7,493
26	27	98 456	62 711,666	2 042 342,571	32,567	32,106	76	77	51 241	13 708,872	102 597,264	7,484	7,023
27	28	98 390	61 591,549	1 979 630,906	32,141	31,680	77	78	48 162	12 663,565	88 888,392	7,019	6,558
28	29	98 321	60 490,022	1 918 039,356	31,708	31,247	78	79	44 934	11 611,565	76 224,827	6,565	6,103
29	30	98 248	59 405,453	1 857 549,334	31,269	30,808	79	80	41 544	10 550,770	64 613,262	6,124	5,663
30	31	98 166	58 334,776	1 798 143,881	30,825	30,363	80	81	38 009	9 486,994	54 062,492	5,699	5,237
31	32	98 080	57 281,298	1 739 809,106	30,373	29,912	81	82	34 334	8 422,316	44 575,498	5,293	4,831
32	33	97 986	56 242,167	1 682 527,808	29,916	29,455	82	83	30 532	7 360,947	36 153,182	4,911	4,450
33	34	97 888	55 219,908	1 626 285,641	29,451	28,990	83	84	26 708	6 328,270	28 792,235	4,550	4,089
34	35	97 777	54 208,454	1 571 065,733	28,982	28,521	84	85	22 934	5 340,508	22 463,964	4,206	3,745
35	36	97 662	53 213,184	1 516 857,279	28,505	28,044	85	86	19 239	4 403,017	17 123,457	3,889	3,428
36	37	97 539	52 232,054	1 463 644,094	28,022	27,561	86	87	15 723	3 536,545	12 720,439	3,597	3,136
37	38	97 408	51 265,249	1 411 412,040	27,532	27,070	87	88	12 486	2 760,107	9 183,894	3,327	2,866
38	39	97 254	50 303,806	1 360 146,791	27,039	26,577	88	89	9 599	2 085,422	6 423,787	3,080	2,619
39	40	97 092	49 356,157	1 309 842,985	26,539	26,077	89	90	7 113	1 518,798	4 338,365	2,856	2,395
40	41	96 917	48 420,020	1 260 486,827	26,032	25,571	90	91	5 063	1 062,430	2 819,567	2,654	2,193
41	42	96 726	47 493,159	1 212 066,807	25,521	25,060	91	92	3 449	711,320	1 757,137	2,470	2,009
42	43	96 520	46 577,066	1 164 573,648	25,003	24,542	92	93	2 244	454,928	1 045,817	2,299	1,838
43	44	96 293	45 668,527	1 117 996,582	24,481	24,019	93	94	1 375	273,961	590,889	2,157	1,696
44	45	96 052	44 770,469	1 072 328,055	23,952	23,490	94	95	801	156,822	316,927	2,021	1,560
45	46	95 769	43 870,741	1 027 557,586	23,422	22,961	95	96	437	84,069	160,105	1,904	1,443
46	47	95 465	42 979,364	983 686,845	22,887	22,426	96	97	222	41,898	76,036	1,815	1,354
47	48	95 126	42 090,357	940 707,482	22,350	21,889	97	98	105	19,559	34,138	1,745	1,284
48	49	94 750	41 202,708	898 617,125	21,810	21,348	98	99	48	8,760	14,578	1,664	1,203
49	50	94 333	40 315,931	857 414,416	21,267	20,806	99	100	20	3,648	5,819	1,595	1,134

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 675	99 674,746	4 121 826,869	41,353	40,892	50	52	93 677	39 347,108	806 365,489	20,494	20,032
1	3	99 307	97 599,352	4 022 152,123	41,211	40,750	51	53	93 148	38 451,911	767 018,381	19,947	19,486
2	4	99 270	95 884,336	3 924 552,771	40,930	40,469	52	54	92 565	37 554,001	728 566,470	19,401	18,939
3	5	99 245	94 211,493	3 828 668,435	40,639	40,178	53	55	91 915	36 649,108	691 012,469	18,855	18,394
4	6	99 225	92 572,813	3 734 456,943	40,341	39,880	54	56	91 187	35 733,237	654 363,361	18,312	17,851
5	7	99 206	90 962,912	3 641 884,129	40,037	39,576	55	57	90 377	34 807,010	618 630,124	17,773	17,312
6	8	99 191	89 385,306	3 550 921,217	39,726	39,265	56	58	89 490	33 872,660	583 823,114	17,236	16,775
7	9	99 175	87 833,860	3 461 535,911	39,410	38,949	57	59	88 514	32 926,951	549 950,454	16,702	16,241
8	10	99 161	86 310,488	3 373 702,051	39,088	38,627	58	60	87 452	31 972,177	517 023,503	16,171	15,710
9	11	99 146	84 813,817	3 287 391,564	38,760	38,299	59	61	86 281	31 001,562	485 051,326	15,646	15,185
10	12	99 131	83 341,988	3 202 577,747	38,427	37,966	60	62	85 024	30 024,375	454 049,764	15,123	14,662
11	13	99 115	81 895,666	3 119 235,759	38,088	37,627	61	63	83 671	29 038,649	424 025,389	14,602	14,141
12	14	99 098	80 473,330	3 037 340,093	37,743	37,282	62	64	82 207	28 039,854	394 986,740	14,087	13,625
13	15	99 082	79 076,531	2 956 866,763	37,392	36,931	63	65	80 619	27 025,055	366 946,885	13,578	13,117
14	16	99 061	77 699,586	2 877 790,232	37,037	36,576	64	66	78 938	26 006,598	339 921,831	13,071	12,609
15	17	99 032	76 341,627	2 800 090,646	36,678	36,217	65	67	77 131	24 974,266	313 915,233	12,570	12,108
16	18	99 003	75 006,417	2 723 749,020	36,314	35,852	66	68	75 222	23 937,076	288 940,967	12,071	11,610
17	19	98 959	73 683,618	2 648 742,603	35,948	35,486	67	69	73 198	22 892,599	265 003,891	11,576	11,115
18	20	98 915	72 383,781	2 575 058,985	35,575	35,114	68	70	71 050	21 838,687	242 111,292	11,086	10,625
19	21	98 859	71 098,445	2 502 675,204	35,200	34,739	69	71	68 810	20 786,197	220 272,604	10,597	10,136
20	22	98 803	69 836,317	2 431 576,759	34,818	34,357	70	72	66 435	19 723,658	199 486,408	10,114	9,653
21	23	98 744	68 594,392	2 361 740,442	34,431	33,969	71	73	63 991	18 671,355	179 762,750	9,628	9,167
22	24	98 686	67 375,189	2 293 146,049	34,035	33,574	72	74	61 390	17 604,270	161 091,394	9,151	8,689
23	25	98 624	66 174,452	2 225 770,861	33,635	33,174	73	75	58 716	16 547,843	143 487,125	8,671	8,210
24	26	98 565	64 997,315	2 159 596,409	33,226	32,765	74	76	55 931	15 491,956	126 939,282	8,194	7,733
25	27	98 499	63 837,075	2 094 599,093	32,812	32,350	75	77	53 024	14 434,076	111 447,326	7,721	7,260
26	28	98 435	62 698,171	2 030 762,018	32,389	31,928	76	78	50 022	13 382,649	97 013,251	7,249	6,788
27	29	98 367	61 577,036	1 968 063,847	31,961	31,500	77	79	46 840	12 315,976	83 630,602	6,790	6,329
28	30	98 296	60 474,369	1 906 486,811	31,526	31,064	78	80	43 522	11 246,794	71 314,626	6,341	5,880
29	31	98 217	59 386,613	1 846 012,442	31,085	30,623	79	81	40 029	10 166,073	60 067,832	5,909	5,447
30	32	98 135	58 316,459	1 786 625,828	30,637	30,176	80	82	36 387	9 082,147	49 901,759	5,494	5,033
31	33	98 046	57 261,671	1 728 309,370	30,183	29,721	81	83	32 638	8 006,431	40 819,612	5,098	4,637
32	34	97 951	56 221,901	1 671 047,698	29,722	29,261	82	84	28 801	6 943,497	32 813,181	4,726	4,265
33	35	97 849	55 197,489	1 614 825,797	29,255	28,794	83	85	24 968	5 915,900	25 869,684	4,373	3,912
34	36	97 737	54 186,113	1 559 628,308	28,783	28,322	84	86	21 188	4 933,964	19 953,783	4,044	3,583
35	37	97 617	53 188,786	1 505 442,194	28,304	27,843	85	87	17 561	4 019,162	15 019,820	3,737	3,276
36	38	97 492	52 207,262	1 452 253,408	27,817	27,356	86	88	14 152	3 183,083	11 000,658	3,456	2,995
37	39	97 350	51 234,324	1 400 046,147	27,326	26,865	87	89	11 060	2 444,898	7 817,574	3,198	2,736
38	40	97 196	50 273,566	1 348 811,823	26,829	26,368	88	90	8 356	1 815,322	5 372,677	2,960	2,498
39	41	97 025	49 322,314	1 298 538,257	26,328	25,866	89	91	6 064	1 294,812	3 557,354	2,747	2,286
40	42	96 846	48 384,177	1 249 215,943	25,819	25,357	90	92	4 214	884,330	2 262,543	2,558	2,097
41	43	96 649	47 455,461	1 200 831,767	25,304	24,843	91	93	2 802	577,946	1 378,213	2,385	1,923
42	44	96 432	46 534,771	1 153 376,306	24,785	24,324	92	94	1 775	359,860	800,267	2,224	1,763
43	45	96 200	45 624,202	1 106 841,534	24,260	23,799	93	95	1 059	210,905	440,407	2,088	1,627
44	46	95 941	44 718,883	1 061 217,332	23,731	23,270	94	96	599	117,181	229,502	1,959	1,497
45	47	95 652	43 817,327	1 016 498,449	23,199	22,737	95	97	312	60,055	112,320	1,870	1,409
46	48	95 334	42 920,469	972 681,122	22,662	22,201	96	98	155	29,370	52,266	1,780	1,318
47	49	94 975	42 023,263	929 760,653	22,125	21,664	97	99	72	13,435	22,896	1,704	1,243
48	50	94 584	41 130,683	887 737,390	21,583	21,122	98	100	32	5,808	9,461	1,629	1,168
49	51	94 158	40 241,218	846 606,707	21,038	20,577							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 662	99 662,364	4 109 160,159	41,231	40,770
1	4	99 297	97 589,286	4 009 497,795	41,085	40,624
2	5	99 260	95 875,161	3 911 908,509	40,802	40,341
3	6	99 236	94 203,100	3 816 033,348	40,509	40,047
4	7	99 216	92 564,625	3 721 830,248	40,208	39,747
5	8	99 201	90 958,686	3 629 265,623	39,900	39,439
6	9	99 184	89 379,077	3 538 306,937	39,588	39,126
7	10	99 169	87 828,487	3 448 927,859	39,269	38,808
8	11	99 155	86 305,439	3 361 099,373	38,944	38,483
9	12	99 139	84 807,258	3 274 793,933	38,615	38,153
10	13	99 123	83 335,444	3 189 986,675	38,279	37,818
11	14	99 106	81 887,951	3 106 651,231	37,938	37,477
12	15	99 089	80 465,909	3 024 763,281	37,591	37,129
13	16	99 070	79 066,910	2 944 297,371	37,238	36,777
14	17	99 046	77 688,145	2 865 230,462	36,881	36,420
15	18	99 019	76 331,232	2 787 542,317	36,519	36,058
16	19	98 984	74 991,639	2 711 211,085	36,154	35,692
17	20	98 942	73 670,738	2 636 219,446	35,784	35,323
18	21	98 896	72 370,399	2 562 548,707	35,409	34,948
19	22	98 842	71 086,721	2 490 178,308	35,030	34,569
20	23	98 787	69 824,947	2 419 091,587	34,645	34,184
21	24	98 726	68 582,048	2 349 266,640	34,255	33,794
22	25	98 669	67 363,065	2 280 684,592	33,857	33,395
23	26	98 605	66 161,864	2 213 321,527	33,453	32,992
24	27	98 546	64 985,083	2 147 159,663	33,041	32,580
25	28	98 478	63 823,339	2 082 174,580	32,624	32,163
26	29	98 412	62 683,397	2 018 351,241	32,199	31,738
27	30	98 341	61 561,102	1 955 667,844	31,768	31,307
28	31	98 265	60 455,191	1 894 106,743	31,331	30,870
29	32	98 186	59 367,966	1 833 651,551	30,886	30,425
30	33	98 101	58 296,478	1 774 283,585	30,436	29,974
31	34	98 011	57 241,038	1 715 987,108	29,978	29,517
32	35	97 911	56 199,076	1 658 746,070	29,516	29,054
33	36	97 808	55 174,741	1 602 546,994	29,045	28,584
34	37	97 692	54 161,269	1 547 372,254	28,570	28,109
35	38	97 570	53 163,539	1 493 210,985	28,087	27,626
36	39	97 433	52 175,768	1 440 047,445	27,600	27,139
37	40	97 291	51 203,524	1 387 871,678	27,105	26,644
38	41	97 129	50 239,094	1 336 668,153	26,606	26,145
39	42	96 954	49 285,803	1 286 429,060	26,101	25,640
40	43	96 769	48 345,771	1 237 143,257	25,589	25,128
41	44	96 561	47 412,368	1 188 797,486	25,074	24,612
42	45	96 339	46 489,606	1 141 385,118	24,551	24,090
43	46	96 089	45 571,632	1 094 895,512	24,026	23,565
44	47	95 824	44 664,437	1 049 323,880	23,493	23,032
45	48	95 521	43 757,285	1 004 659,443	22,960	22,499
46	49	95 182	42 852,051	960 902,158	22,424	21,963
47	50	94 809	41 949,803	918 050,107	21,884	21,423
48	51	94 409	41 054,460	876 100,303	21,340	20,879
49	52	93 956	40 154,993	835 045,844	20,796	20,334
50	53	93 459	39 255,312	794 890,851	20,249	19,788
51	54	92 909	38 353,179	755 635,538	19,702	19,241
52	55	92 297	37 445,519	717 282,359	19,155	18,694
53	56	91 617	36 530,165	679 836,840	18,610	18,149
54	57	90 860	35 605,421	643 306,675	18,068	17,606
55	58	90 023	34 670,423	607 701,254	17,528	17,067
56	59	89 101	33 725,334	573 030,831	16,991	16,530
57	60	88 098	32 771,985	539 305,497	16,456	15,995
58	61	86 990	31 803,493	506 533,512	15,927	15,466
59	62	85 790	30 825,291	474 730,019	15,401	14,939
60	63	84 502	29 840,192	443 904,728	14,876	14,415
61	64	83 106	28 842,670	414 064,536	14,356	13,895
62	65	81 593	27 830,322	385 221,866	13,842	13,381
63	66	79 976	26 809,653	357 391,544	13,331	12,869
64	67	78 246	25 778,725	330 581,891	12,824	12,363
65	68	76 400	24 737,454	304 803,166	12,322	11,860
66	69	74 434	23 686,559	280 065,712	11,824	11,363
67	70	72 353	22 628,084	256 379,153	11,330	10,869
68	71	70 155	21 563,546	233 751,069	10,840	10,379
69	72	67 867	20 501,389	212 187,522	10,350	9,889
70	73	65 451	19 431,480	191 686,134	9,865	9,404
71	74	62 941	18 364,843	172 254,654	9,380	8,918
72	75	60 294	17 290,154	153 889,811	8,900	8,439
73	76	57 586	16 229,605	136 599,657	8,417	7,955
74	77	54 725	15 157,857	120 370,052	7,941	7,480
75	78	51 762	14 090,596	105 212,195	7,467	7,006
76	79	48 649	13 015,322	91 121,599	7,001	6,540
77	80	45 369	11 929,076	78 106,278	6,548	6,086
78	81	41 936	10 836,719	66 177,202	6,107	5,646
79	82	38 321	9 732,247	55 340,483	5,686	5,225
80	83	34 590	8 633,680	45 608,236	5,283	4,821
81	84	30 787	7 552,375	36 974,555	4,896	4,435
82	85	26 924	6 491,037	29 422,180	4,533	4,072
83	86	23 067	5 465,554	22 931,143	4,196	3,734
84	87	19 341	4 503,821	17 465,589	3,878	3,417
85	88	15 806	3 617,465	12 961,769	3,583	3,122
86	89	12 536	2 819,569	9 344,304	3,314	2,853
87	90	9 628	2 128,240	6 524,735	3,066	2,605
88	91	7 123	1 547,606	4 396,495	2,841	2,380
89	92	5 048	1 077,757	2 848,889	2,643	2,182
90	93	3 424	718,516	1 771,133	2,465	2,004
91	94	2 217	457,170	1 052,616	2,302	1,841
92	95	1 367	277,033	595,446	2,149	1,688
93	96	791	157,593	318,413	2,020	1,559
94	97	428	83,708	160,820	1,921	1,460
95	98	219	42,097	77,112	1,832	1,371
96	99	107	20,174	35,015	1,736	1,274
97	100	48	8,908	14,841	1,666	1,205

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 652	99 652,086	4 095 633,216	41,099	40,638
1	5	99 288	97 579,949	3 995 981,130	40,951	40,490
2	6	99 251	95 866,620	3 898 401,181	40,665	40,204
3	7	99 227	94 194,767	3 802 534,561	40,369	39,908
4	8	99 212	92 560,324	3 708 339,794	40,064	39,603
5	9	99 194	90 952,348	3 615 779,470	39,755	39,293
6	10	99 178	89 373,610	3 524 827,121	39,439	38,978
7	11	99 163	87 823,349	3 435 453,512	39,118	38,657
8	12	99 147	86 298,765	3 347 630,162	38,791	38,330
9	13	99 131	84 800,599	3 261 331,397	38,459	37,998
10	14	99 114	83 327,592	3 176 530,798	38,121	37,660
11	15	99 097	81 880,400	3 093 203,206	37,777	37,316
12	16	99 077	80 456,119	3 011 322,806	37,428	36,967
13	17	99 055	79 055,268	2 930 866,687	37,074	36,612
14	18	99 032	77 677,566	2 851 811,419	36,713	36,252
15	19	98 999	76 316,193	2 774 133,853	36,351	35,889
16	20	98 966	74 978,532	2 697 817,659	35,981	35,520
17	21	98 924	73 657,118	2 622 839,128	35,609	35,148
18	22	98 880	72 358,465	2 549 182,010	35,230	34,769
19	23	98 826	71 075,148	2 476 823,544	34,848	34,387
20	24	98 769	69 812,381	2 405 748,396	34,460	33,999
21	25	98 709	68 569,707	2 335 936,015	34,067	33,605
22	26	98 650	67 350,251	2 267 366,308	33,665	33,204
23	27	98 587	66 149,413	2 200 016,057	33,258	32,797
24	28	98 525	64 971,099	2 133 866,644	32,843	32,382
25	29	98 455	63 808,299	2 068 895,545	32,424	31,962
26	30	98 386	62 667,176	2 005 087,246	31,996	31,535
27	31	98 310	61 541,579	1 942 420,069	31,563	31,102
28	32	98 234	60 436,208	1 880 878,490	31,122	30,661
29	33	98 153	59 347,625	1 820 442,282	30,674	30,213
30	34	98 066	58 275,472	1 761 094,658	30,220	29,759
31	35	97 971	57 217,798	1 702 819,186	29,760	29,299
32	36	97 870	56 175,914	1 645 601,388	29,294	28,833
33	37	97 764	55 149,443	1 589 425,473	28,820	28,359
34	38	97 646	54 135,561	1 534 276,030	28,341	27,880
35	39	97 512	53 131,468	1 480 140,470	27,858	27,397
36	40	97 375	52 144,402	1 427 009,001	27,366	26,905
37	41	97 224	51 168,414	1 374 864,599	26,869	26,408
38	42	97 057	50 201,904	1 323 696,185	26,367	25,906
39	43	96 877	49 246,682	1 273 494,281	25,859	25,398
40	44	96 681	48 301,870	1 224 247,600	25,346	24,885
41	45	96 468	47 366,351	1 175 945,730	24,827	24,365
42	46	96 228	46 436,039	1 128 579,379	24,304	23,843
43	47	95 972	45 516,148	1 082 143,340	23,775	23,314
44	48	95 693	44 603,233	1 036 627,192	23,241	22,780
45	49	95 369	43 687,533	992 023,958	22,707	22,246
46	50	95 016	42 777,143	948 336,425	22,169	21,708
47	51	94 633	41 872,062	905 559,282	21,627	21,166
48	52	94 206	40 966,492	863 687,220	21,083	20,622
49	53	93 737	40 061,313	822 720,728	20,537	20,075
50	54	93 219	39 154,518	782 659,415	19,989	19,528
51	55	92 640	38 242,388	743 504,897	19,442	18,981
52	56	91 998	37 323,992	705 262,509	18,896	18,434
53	57	91 289	36 399,498	667 938,518	18,350	17,889
54	58	90 504	35 465,700	631 539,019	17,807	17,346
55	59	89 631	34 519,627	596 073,319	17,268	16,806
56	60	88 682	33 566,610	561 553,692	16,730	16,268
57	61	87 633	32 599,081	527 987,081	16,196	15,735
58	62	86 496	31 622,662	495 388,000	15,666	15,204
59	63	85 264	30 636,195	463 765,338	15,138	14,677
60	64	83 932	29 638,803	433 129,143	14,614	14,152
61	65	82 485	28 627,139	403 490,339	14,095	13,633
62	66	80 943	27 608,502	374 863,201	13,578	13,117
63	67	79 275	26 574,744	347 254,699	13,067	12,606
64	68	77 504	25 534,286	320 679,955	12,559	12,098
65	69	75 600	24 478,560	295 145,670	12,057	11,596
66	70	73 574	23 412,870	270 667,109	11,561	11,099
67	71	71 441	22 342,998	247 254,239	11,066	10,605
68	72	69 194	21 268,087	224 911,241	10,575	10,114
69	73	66 862	20 197,690	203 643,154	10,082	9,621
70	74	64 376	19 112,489	183 445,464	9,598	9,137
71	75	61 818	18 037,156	164 332,975	9,111	8,650
72	76	59 135	16 957,640	146 295,819	8,627	8,166
73	77	56 345	15 879,598	129 338,179	8,145	7,684
74	78	53 423	14 797,153	113 458,580	7,668	7,206
75	79	50 341	13 703,837	98 661,427	7,200	6,738
76	80	47 120	12 606,452	84 957,590	6,739	6,278
77	81	43 715	11 494,124	72 351,138	6,295	5,833
78	82	40 146	10 374,274	60 857,015	5,866	5,405
79	83	36 428	9 251,679	50 482,740	5,457	4,995
80	84	32 628	8 144,052	41 231,061	5,063	4,602
81	85	28 781	7 060,238	33 087,009	4,686	4,225
82	86	24 874	5 996,909	26 026,771	4,340	3,879
83	87	21 056	4 989,067	20 029,862	4,015	3,554
84	88	17 408	4 053,684	15 040,794	3,710	3,249
85	89	14 001	3 204,343	10 987,110	3,429	2,968
86	90	10 912	2 454,384	7 782,767	3,171	2,710
87	91	8 208	1 814,375	5 328,383	2,937	2,476
88	92	5 929	1 288,174	3 514,008	2,728	2,267
89	93	4 101	875,675	2 225,834	2,542	2,081
90	94	2 708	568,365	1 350,159	2,376	1,914
91	95	1 707	351,946	781,794	2,221	1,760
92	96	1 021	207,005	429,848	2,077	1,615
93	97	565	112,576	222,843	1,979	1,518
94	98	300	58,678	110,267	1,879	1,418
95	99	150	28,916	51,589	1,784	1,323
96	100	71	13,376	22,673	1,695	1,234

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 643	99 642,551	4 081 223,540	40,959	40,497
1	6	99 279	97 571,256	3 981 580,989	40,807	40,346
2	7	99 243	95 858,140	3 884 009,733	40,518	40,057
3	8	99 222	94 190,391	3 788 151,593	40,218	39,757
4	9	99 205	92 553,874	3 693 961,202	39,911	39,450
5	10	99 188	90 946,784	3 601 407,328	39,599	39,138
6	11	99 172	89 368,382	3 510 460,543	39,281	38,820
7	12	99 156	87 816,558	3 421 092,161	38,957	38,496
8	13	99 139	86 291,989	3 333 275,603	38,628	38,167
9	14	99 121	84 792,609	3 246 983,614	38,293	37,832
10	15	99 104	83 319,909	3 162 191,005	37,952	37,491
11	16	99 084	81 870,438	3 078 871,096	37,607	37,145
12	17	99 062	80 444,273	2 997 000,658	37,256	36,794
13	18	99 042	79 044,503	2 916 556,386	36,898	36,436
14	19	99 013	77 662,263	2 837 511,883	36,537	36,075
15	20	98 982	76 302,854	2 759 849,620	36,170	35,708
16	21	98 948	74 964,670	2 683 546,766	35,797	35,336
17	22	98 907	73 644,972	2 608 582,096	35,421	34,960
18	23	98 864	72 346,685	2 534 937,124	35,039	34,578
19	24	98 808	71 062,357	2 462 590,439	34,654	34,193
20	25	98 751	69 799,819	2 391 528,082	34,263	33,801
21	26	98 690	68 556,664	2 321 728,263	33,866	33,405
22	27	98 631	67 337,576	2 253 171,600	33,461	33,000
23	28	98 565	66 135,179	2 185 834,023	33,051	32,590
24	29	98 502	64 955,789	2 119 698,845	32,633	32,172
25	30	98 429	63 791,788	2 054 743,056	32,210	31,749
26	31	98 355	62 647,303	1 990 951,268	31,780	31,319
27	32	98 279	61 522,255	1 928 303,965	31,343	30,882
28	33	98 200	60 415,501	1 866 781,710	30,899	30,438
29	34	98 117	59 326,240	1 806 366,210	30,448	29,987
30	35	98 026	58 251,812	1 747 039,970	29,991	29,530
31	36	97 931	57 194,217	1 688 788,158	29,527	29,066
32	37	97 826	56 150,158	1 631 593,940	29,058	28,596
33	38	97 717	55 123,266	1 575 443,783	28,580	28,119
34	39	97 587	54 102,903	1 520 320,517	28,101	27,639
35	40	97 453	53 099,529	1 466 217,614	27,613	27,151
36	41	97 308	52 108,647	1 413 118,085	27,119	26,657
37	42	97 152	51 130,536	1 361 009,438	26,618	26,157
38	43	96 980	50 162,055	1 309 878,902	26,113	25,652
39	44	96 789	49 201,962	1 259 716,847	25,603	25,142
40	45	96 587	48 254,989	1 210 514,884	25,086	24,625
41	46	96 356	47 311,774	1 162 259,895	24,566	24,105
42	47	96 111	46 379,502	1 114 948,121	24,040	23,578
43	48	95 841	45 453,777	1 068 568,619	23,509	23,048
44	49	95 541	44 532,134	1 023 114,842	22,975	22,514
45	50	95 202	43 611,164	978 582,708	22,439	21,978
46	51	94 840	42 697,868	934 971,544	21,897	21,436
47	52	94 430	41 782,343	892 273,675	21,355	20,894
48	53	93 987	40 870,919	850 491,333	20,809	20,348
49	54	93 496	39 958,448	809 620,414	20,262	19,800
50	55	92 949	39 041,412	769 661,965	19,714	19,253
51	56	92 340	38 118,275	730 620,553	19,167	18,706
52	57	91 669	37 190,485	692 502,278	18,620	18,159
53	58	90 931	36 256,662	655 311,793	18,074	17,613
54	59	90 110	35 311,445	619 055,131	17,531	17,070
55	60	89 209	34 357,165	583 743,686	16,990	16,529
56	61	88 214	33 389,514	549 386,521	16,454	15,993
57	62	87 135	32 413,727	515 997,006	15,919	15,458
58	63	85 965	31 428,675	483 583,279	15,387	14,925
59	64	84 689	30 429,435	452 154,605	14,859	14,398
60	65	83 304	29 417,322	421 725,170	14,336	13,875
61	66	81 828	28 398,968	392 307,848	13,814	13,353
62	67	80 233	27 366,593	363 908,880	13,298	12,836
63	68	78 524	26 322,756	336 542,287	12,785	12,324
64	69	76 693	25 267,052	310 219,531	12,278	11,816
65	70	74 727	24 195,720	284 952,479	11,777	11,316
66	71	72 647	23 117,896	260 756,758	11,279	10,818
67	72	70 462	22 036,859	237 638,862	10,784	10,322
68	73	68 169	20 953,031	215 602,003	10,290	9,829
69	74	65 764	19 866,121	194 648,972	9,798	9,337
70	75	63 228	18 771,462	174 782,851	9,311	8,850
71	76	60 629	17 690,277	156 011,389	8,819	8,358
72	77	57 860	16 591,933	138 321,113	8,337	7,875
73	78	55 004	15 501,719	121 729,180	7,853	7,391
74	79	51 956	14 391,001	106 227,460	7,382	6,920
75	80	48 760	13 273,338	91 836,459	6,919	6,458
76	81	45 402	12 146,802	78 563,122	6,468	6,007
77	82	41 849	11 003,625	66 416,320	6,036	5,575
78	83	38 164	9 862,004	55 412,694	5,619	5,158
79	84	34 362	8 727,003	45 550,691	5,220	4,758
80	85	30 502	7 613,360	36 823,688	4,837	4,376
81	86	26 590	6 522,780	29 210,328	4,478	4,017
82	87	22 706	5 474,099	22 687,548	4,145	3,683
83	88	18 952	4 490,432	17 213,449	3,833	3,372
84	89	15 420	3 590,745	12 723,017	3,543	3,082
85	90	12 188	2 789,323	9 132,272	3,274	2,813
86	91	9 303	2 092,421	6 342,948	3,031	2,570
87	92	6 832	1 510,223	4 250,527	2,815	2,353
88	93	4 818	1 046,639	2 740,304	2,618	2,157
89	94	3 244	692,682	1 693,665	2,445	1,984
90	95	2 085	437,547	1 000,983	2,288	1,827
91	96	1 275	262,982	563,436	2,142	1,681
92	97	730	147,874	300,454	2,032	1,571
93	98	396	78,914	152,581	1,934	1,472
94	99	206	40,305	73,667	1,828	1,367
95	100	100	19,172	33,362	1,740	1,279

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 634	99 633,675	4 065 914,081	40,809	40,347
1	7	99 270	97 562,625	3 966 280,406	40,654	40,192
2	8	99 238	95 853,687	3 868 717,781	40,361	39,899
3	9	99 216	94 183,827	3 772 864,095	40,059	39,597
4	10	99 199	92 548,213	3 678 680,267	39,749	39,288
5	11	99 182	90 941,464	3 586 132,054	39,433	38,972
6	12	99 165	89 361,471	3 495 190,590	39,113	38,652
7	13	99 148	87 809,662	3 405 829,119	38,786	38,325
8	14	99 130	86 283,859	3 318 019,456	38,455	37,993
9	15	99 112	84 784,791	3 231 735,597	38,117	37,656
10	16	99 092	83 309,772	3 146 950,806	37,774	37,313
11	17	99 070	81 858,383	3 063 641,035	37,426	36,965
12	18	99 049	80 433,319	2 981 782,652	37,071	36,610
13	19	99 022	79 028,930	2 901 349,333	36,712	36,251
14	20	98 996	77 648,688	2 822 320,403	36,347	35,886
15	21	98 964	76 288,747	2 744 671,715	35,977	35,516
16	22	98 932	74 952,308	2 668 382,968	35,601	35,140
17	23	98 891	73 632,982	2 593 430,660	35,221	34,760
18	24	98 846	72 333,665	2 519 797,677	34,836	34,375
19	25	98 791	71 049,570	2 447 464,013	34,447	33,986
20	26	98 732	69 786,542	2 376 414,442	34,053	33,591
21	27	98 671	68 543,762	2 306 627,901	33,652	33,191
22	28	98 610	67 323,086	2 238 084,139	33,244	32,783
23	29	98 542	66 119,594	2 170 761,053	32,831	32,370
24	30	98 476	64 938,981	2 104 641,459	32,410	31,948
25	31	98 398	63 771,557	2 039 702,478	31,985	31,523
26	32	98 324	62 627,632	1 975 930,921	31,550	31,089
27	33	98 246	61 501,175	1 913 303,289	31,110	30,649
28	34	98 165	60 393,731	1 851 802,114	30,662	30,201
29	35	98 077	59 302,154	1 791 408,382	30,208	29,747
30	36	97 986	58 227,805	1 732 106,229	29,747	29,286
31	37	97 886	57 167,994	1 673 878,424	29,280	28,819
32	38	97 779	56 123,505	1 616 710,430	28,806	28,345
33	39	97 658	55 090,012	1 560 586,925	28,328	27,867
34	40	97 528	54 070,380	1 505 496,913	27,843	27,382
35	41	97 386	53 063,118	1 451 426,533	27,353	26,892
36	42	97 236	52 070,073	1 398 363,415	26,855	26,394
37	43	97 075	51 089,951	1 346 293,341	26,351	25,890
38	44	96 892	50 116,505	1 295 203,391	25,844	25,383
39	45	96 695	49 154,208	1 245 086,886	25,330	24,869
40	46	96 476	48 199,388	1 195 932,678	24,812	24,351
41	47	96 239	47 254,171	1 147 733,289	24,289	23,827
42	48	95 979	46 315,948	1 100 479,119	23,760	23,299
43	49	95 688	45 381,322	1 054 163,170	23,229	22,768
44	50	95 374	44 454,288	1 008 781,848	22,693	22,231
45	51	95 026	43 530,344	964 327,560	22,153	21,692
46	52	94 636	42 606,380	920 797,216	21,612	21,151
47	53	94 210	41 684,866	878 190,836	21,067	20,606
48	54	93 745	40 765,976	836 505,970	20,520	20,059
49	55	93 226	39 843,021	795 739,995	19,972	19,511
50	56	92 648	38 914,705	755 896,974	19,424	18,963
51	57	92 009	37 981,927	716 982,269	18,877	18,416
52	58	91 309	37 044,545	679 000,342	18,329	17,868
53	59	90 536	36 098,967	641 955,797	17,783	17,322
54	60	89 686	35 145,257	605 856,830	17,239	16,777
55	61	88 739	34 175,898	570 711,573	16,699	16,238
56	62	87 712	33 199,665	536 535,675	16,161	15,700
57	63	86 600	32 214,887	503 336,009	15,624	15,163
58	64	85 385	31 216,566	471 121,122	15,092	14,631
59	65	84 056	30 202,045	439 904,557	14,565	14,104
60	66	82 640	29 182,853	409 702,511	14,039	13,578
61	67	81 111	28 150,133	380 519,658	13,518	13,056
62	68	79 473	27 107,097	352 369,525	12,999	12,538
63	69	77 702	26 047,271	325 262,428	12,487	12,026
64	70	75 807	24 975,102	299 215,157	11,981	11,519
65	71	73 785	23 890,883	274 240,056	11,479	11,018
66	72	71 652	22 801,140	250 349,172	10,980	10,518
67	73	69 418	21 710,414	227 548,032	10,481	10,020
68	74	67 050	20 609,062	205 837,618	9,988	9,527
69	75	64 591	19 511,646	185 228,556	9,493	9,032
70	76	62 012	18 410,461	165 716,909	9,001	8,540
71	77	59 321	17 308,769	147 306,448	8,511	8,049
72	78	56 483	16 197,103	129 997,679	8,026	7,565
73	79	53 494	15 076,228	113 800,576	7,548	7,087
74	80	50 324	13 938,915	98 724,348	7,083	6,621
75	81	46 982	12 789,372	84 785,433	6,629	6,168
76	82	43 465	11 628,451	71 996,061	6,191	5,730
77	83	39 783	10 460,278	60 367,610	5,771	5,310
78	84	35 999	9 302,715	49 907,332	5,365	4,904
79	85	32 123	8 158,324	40 604,617	4,977	4,516
80	86	28 180	7 033,795	32 446,293	4,613	4,152
81	87	24 272	5 954,124	25 412,497	4,268	3,807
82	88	20 436	4 926,987	19 458,373	3,949	3,488
83	89	16 787	3 977,616	14 531,386	3,653	3,192
84	90	13 423	3 125,679	10 553,770	3,376	2,915
85	91	10 390	2 377,965	7 428,091	3,124	2,663
86	92	7 743	1 741,659	5 050,126	2,900	2,438
87	93	5 551	1 227,054	3 308,467	2,696	2,235
88	94	3 811	827,918	2 081,413	2,514	2,053
89	95	2 497	533,250	1 253,495	2,351	1,889
90	96	1 558	326,945	720,244	2,203	1,742
91	97	911	187,860	393,299	2,094	1,632
92	98	511	103,657	205,439	1,982	1,521
93	99	272	54,204	101,782	1,878	1,417
94	100	136	26,723	47,578	1,780	1,319

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 625	99 624,861	4 049 691,802	40,649	40,188
1	8	99 265	97 558,093	3 950 066,941	40,489	40,028
2	9	99 231	95 847,007	3 852 508,848	40,194	39,733
3	10	99 209	94 178,066	3 756 661,841	39,889	39,428
4	11	99 193	92 542,799	3 662 483,775	39,576	39,115
5	12	99 175	90 934,432	3 569 940,976	39,258	38,797
6	13	99 157	89 354,454	3 479 006,544	38,935	38,474
7	14	99 138	87 801,389	3 389 652,089	38,606	38,145
8	15	99 121	86 275,903	3 301 850,700	38,271	37,810
9	16	99 100	84 774,475	3 215 574,797	37,931	37,470
10	17	99 078	83 297,505	3 130 800,321	37,586	37,125
11	18	99 056	81 847,237	3 047 502,817	37,234	36,773
12	19	99 029	80 417,472	2 965 655,580	36,878	36,417
13	20	99 005	79 015,117	2 885 238,108	36,515	36,054
14	21	98 977	77 634,332	2 806 222,992	36,147	35,685
15	22	98 948	76 276,167	2 728 588,659	35,772	35,311
16	23	98 916	74 940,105	2 652 312,492	35,392	34,931
17	24	98 873	73 619,731	2 577 372,386	35,009	34,548
18	25	98 828	72 320,649	2 503 752,655	34,620	34,159
19	26	98 772	71 036,055	2 431 432,006	34,228	33,767
20	27	98 714	69 773,408	2 360 395,951	33,829	33,368
21	28	98 650	68 529,012	2 290 622,543	33,426	32,964
22	29	98 587	67 307,222	2 222 093,531	33,014	32,553
23	30	98 517	66 102,485	2 154 786,309	32,598	32,136
24	31	98 445	64 918,387	2 088 683,825	32,174	31,713
25	32	98 367	63 751,533	2 023 765,438	31,745	31,283
26	33	98 291	62 606,173	1 960 013,905	31,307	30,846
27	34	98 210	61 479,014	1 897 407,731	30,863	30,401
28	35	98 125	60 369,212	1 835 928,717	30,412	29,950
29	36	98 037	59 277,713	1 775 559,505	29,953	29,492
30	37	97 941	58 201,107	1 716 281,792	29,489	29,028
31	38	97 839	57 140,858	1 658 080,684	29,017	28,556
32	39	97 720	56 089,649	1 600 939,826	28,543	28,081
33	40	97 599	55 056,895	1 544 850,178	28,059	27,598
34	41	97 461	54 033,304	1 489 793,282	27,572	27,111
35	42	97 314	53 023,838	1 435 759,978	27,078	26,616
36	43	97 159	52 028,742	1 382 736,140	26,576	26,115
37	44	96 987	51 043,558	1 330 707,398	26,070	25,609
38	45	96 798	50 067,863	1 279 663,841	25,559	25,097
39	46	96 583	49 097,571	1 229 595,978	25,044	24,583
40	47	96 358	48 140,705	1 180 498,407	24,522	24,061
41	48	96 107	47 189,418	1 132 357,702	23,996	23,535
42	49	95 826	46 242,118	1 085 168,284	23,467	23,006
43	50	95 521	45 301,992	1 038 926,165	22,933	22,472
44	51	95 197	44 371,906	993 624,173	22,393	21,932
45	52	94 822	43 437,072	949 252,268	21,854	21,392
46	53	94 416	42 506,981	905 815,196	21,310	20,849
47	54	93 968	41 577,833	863 308,215	20,764	20,302
48	55	93 475	40 648,215	821 730,383	20,216	19,754
49	56	92 924	39 713,712	781 082,167	19,668	19,207
50	57	92 316	38 775,509	741 368,455	19,120	18,658
51	58	91 648	37 832,881	702 592,946	18,571	18,110
52	59	90 912	36 883,423	664 760,065	18,023	17,562
53	60	90 109	35 929,072	627 876,643	17,475	17,014
54	61	89 213	34 959,832	591 947,570	16,932	16,471
55	62	88 234	33 981,578	556 987,738	16,391	15,930
56	63	87 174	32 996,004	523 006,160	15,851	15,389
57	64	86 016	31 997,472	490 010,156	15,314	14,853
58	65	84 747	30 983,295	458 012,684	14,783	14,321
59	66	83 386	29 961,322	427 029,390	14,253	13,791
60	67	81 916	28 927,150	397 068,068	13,726	13,265
61	68	80 342	27 883,207	368 140,918	13,203	12,742
62	69	78 641	26 823,403	340 257,711	12,685	12,224
63	70	76 804	25 746,305	313 434,308	12,174	11,713
64	71	74 852	24 660,446	287 688,003	11,666	11,205
65	72	72 774	23 563,536	263 027,557	11,162	10,701
66	73	70 591	22 463,373	239 464,021	10,660	10,199
67	74	68 279	21 354,012	217 000,648	10,162	9,701
68	75	65 854	20 241,331	195 646,636	9,666	9,204
69	76	63 348	19 136,411	175 405,304	9,166	8,705
70	77	60 674	18 013,422	156 268,894	8,675	8,214
71	78	57 910	16 896,881	138 255,472	8,182	7,721
72	79	54 932	15 752,525	121 358,590	7,704	7,243
73	80	51 814	14 602,616	105 606,066	7,232	6,771
74	81	48 489	13 430,681	91 003,449	6,776	6,315
75	82	44 977	12 243,600	77 572,768	6,336	5,875
76	83	41 319	11 054,250	65 329,168	5,910	5,449
77	84	37 526	9 867,060	54 274,917	5,501	5,039
78	85	33 653	8 696,521	44 407,857	5,106	4,645
79	86	29 678	7 537,275	35 711,336	4,738	4,277
80	87	25 723	6 420,589	28 174,062	4,388	3,927
81	88	21 846	5 359,036	21 753,472	4,059	3,598
82	89	18 102	4 364,315	16 394,436	3,756	3,295
83	90	14 613	3 462,443	12 030,121	3,474	3,013
84	91	11 443	2 664,716	8 567,678	3,215	2,754
85	92	8 649	1 979,336	5 902,961	2,982	2,521
86	93	6 291	1 415,095	3 923,625	2,773	2,311
87	94	4 391	970,631	2 508,530	2,584	2,123
88	95	2 934	637,360	1 537,899	2,413	1,952
89	96	1 866	398,457	900,539	2,260	1,799
90	97	1 113	233,552	502,082	2,150	1,689
91	98	639	131,687	268,530	2,039	1,578
92	99	351	71,200	136,843	1,922	1,461
93	100	180	35,939	65,643	1,826	1,365

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 620	99 620,233	4 032 547,947	40,479	40,018
1	9	99 258	97 551,294	3 932 927,715	40,317	39,855
2	10	99 225	95 841,144	3 835 376,420	40,018	39,557
3	11	99 204	94 172,557	3 739 535,276	39,709	39,248
4	12	99 185	92 535,643	3 645 362,719	39,394	38,933
5	13	99 167	90 927,292	3 552 827,076	39,073	38,612
6	14	99 148	89 346,036	3 461 899,784	38,747	38,286
7	15	99 129	87 793,294	3 372 553,749	38,415	37,954
8	16	99 109	86 265,406	3 284 760,455	38,077	37,616
9	17	99 086	84 761,993	3 198 495,049	37,735	37,274
10	18	99 064	83 286,162	3 113 733,056	37,386	36,925
11	19	99 037	81 831,111	3 030 446,894	37,033	36,572
12	20	99 012	80 403,416	2 948 615,782	36,673	36,212
13	21	98 987	79 000,508	2 868 212,366	36,306	35,845
14	22	98 961	77 621,531	2 789 211,858	35,933	35,472
15	23	98 931	76 263,749	2 711 590,327	35,555	35,094
16	24	98 898	74 926,619	2 635 326,578	35,172	34,711
17	25	98 856	73 606,484	2 560 399,960	34,785	34,324
18	26	98 810	72 306,892	2 486 793,476	34,392	33,931
19	27	98 753	71 022,686	2 414 486,583	33,996	33,535
20	28	98 693	69 758,394	2 343 463,897	33,594	33,133
21	29	98 627	68 512,864	2 273 705,503	33,187	32,725
22	30	98 561	67 289,805	2 205 192,640	32,772	32,310
23	31	98 485	66 081,522	2 137 902,835	32,353	31,891
24	32	98 414	64 898,002	2 071 821,313	31,924	31,463
25	33	98 334	63 729,690	2 006 923,311	31,491	31,030
26	34	98 255	62 583,615	1 943 193,621	31,050	30,588
27	35	98 170	61 454,054	1 880 610,006	30,602	30,141
28	36	98 084	60 344,332	1 819 155,952	30,146	29,685
29	37	97 992	59 250,535	1 758 811,620	29,684	29,223
30	38	97 894	58 173,481	1 699 561,086	29,215	28,754
31	39	97 780	57 106,388	1 641 387,604	28,743	28,281
32	40	97 661	56 055,931	1 584 281,216	28,263	27,801
33	41	97 533	55 019,143	1 528 225,286	27,776	27,315
34	42	97 389	53 993,305	1 473 206,143	27,285	26,824
35	43	97 237	52 981,750	1 419 212,838	26,787	26,326
36	44	97 071	51 981,496	1 366 231,088	26,283	25,822
37	45	96 893	50 994,016	1 314 249,591	25,773	25,311
38	46	96 687	50 010,173	1 263 255,575	25,260	24,799
39	47	96 466	49 037,794	1 213 245,402	24,741	24,280
40	48	96 226	48 074,738	1 164 207,608	24,217	23,755
41	49	95 954	47 114,196	1 116 132,871	23,690	23,229
42	50	95 658	46 161,284	1 069 018,675	23,158	22,697
43	51	95 344	45 218,038	1 022 857,391	22,621	22,159
44	52	94 993	44 276,830	977 639,353	22,080	21,619
45	53	94 601	43 335,735	933 362,523	21,538	21,077
46	54	94 173	42 397,837	890 026,788	20,992	20,531
47	55	93 696	41 457,727	847 628,952	20,446	19,984
48	56	93 171	40 516,293	806 171,224	19,897	19,436
49	57	92 591	39 571,658	765 654,931	19,349	18,887
50	58	91 954	38 623,349	726 083,273	18,799	18,338
51	59	91 250	37 668,330	687 459,924	18,250	17,789
52	60	90 484	36 709,836	649 791,594	17,701	17,240
53	61	89 634	35 739,512	613 081,758	17,154	16,693
54	62	88 706	34 761,055	577 342,246	16,609	16,148
55	63	87 693	33 773,120	542 581,191	16,065	15,604
56	64	86 586	32 773,317	508 808,071	15,525	15,064
57	65	85 373	31 758,365	476 034,754	14,989	14,528
58	66	84 071	30 736,344	444 276,389	14,454	13,993
59	67	82 655	29 698,797	413 540,044	13,924	13,463
60	68	81 140	28 652,856	383 841,247	13,396	12,935
61	69	79 501	27 591,391	355 188,391	12,873	12,412
62	70	77 732	26 513,469	327 597,000	12,356	11,895
63	71	75 836	25 421,933	301 083,531	11,843	11,382
64	72	73 826	24 322,553	275 661,598	11,334	10,872
65	73	71 696	23 214,475	251 339,045	10,827	10,366
66	74	69 432	22 094,611	228 124,569	10,325	9,864
67	75	67 060	20 972,989	206 029,958	9,824	9,362
68	76	64 587	19 852,063	185 056,969	9,322	8,861
69	77	61 982	18 723,716	165 204,907	8,823	8,362
70	78	59 231	17 584,766	146 481,191	8,330	7,869
71	79	56 320	16 433,096	128 896,425	7,844	7,383
72	80	53 207	15 257,668	112 463,329	7,371	6,910
73	81	49 924	14 070,183	97 205,662	6,909	6,447
74	82	46 420	12 857,542	83 135,479	6,466	6,005
75	83	42 756	11 639,024	70 277,937	6,038	5,577
76	84	38 975	10 427,348	58 638,912	5,624	5,162
77	85	35 081	9 224,091	48 211,565	5,227	4,765
78	86	31 092	8 034,501	38 987,473	4,853	4,391
79	87	27 091	6 880,175	30 952,972	4,499	4,038
80	88	23 152	5 778,880	24 072,797	4,166	3,704
81	89	19 351	4 747,024	18 293,917	3,854	3,393
82	90	15 758	3 799,058	13 546,893	3,566	3,105
83	91	12 458	2 951,816	9 747,835	3,302	2,841
84	92	9 525	2 218,018	6 796,019	3,064	2,603
85	93	7 027	1 608,207	4 578,001	2,847	2,385
86	94	4 977	1 119,377	2 969,794	2,653	2,192
87	95	3 380	747,226	1 850,418	2,476	2,015
88	96	2 192	476,250	1 103,192	2,316	1,855
89	97	1 333	284,637	626,942	2,203	1,741
90	98	780	163,716	342,305	2,091	1,630
91	99	439	90,453	178,590	1,974	1,513
92	100	233	47,208	88,136	1,867	1,406

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 613	99 613,291	4 014 472,891	40,301	39,839
1	10	99 252	97 545,327	3 914 859,600	40,134	39,673
2	11	99 219	95 835,538	3 817 314,273	39,832	39,371
3	12	99 196	94 165,275	3 721 478,735	39,521	39,060
4	13	99 177	92 528,377	3 627 313,460	39,202	38,741
5	14	99 157	90 918,725	3 534 785,084	38,879	38,417
6	15	99 138	89 337,798	3 443 866,359	38,549	38,088
7	16	99 117	87 782,612	3 354 528,561	38,214	37,753
8	17	99 094	86 252,704	3 266 745,949	37,874	37,413
9	18	99 072	84 750,451	3 180 493,245	37,528	37,067
10	19	99 045	83 269,754	3 095 742,794	37,177	36,716
11	20	99 020	81 816,808	3 012 473,040	36,820	36,359
12	21	98 994	80 388,551	2 930 656,232	36,456	35,995
13	22	98 970	78 987,481	2 850 267,681	36,085	35,624
14	23	98 945	77 608,893	2 771 280,200	35,708	35,247
15	24	98 914	76 250,024	2 693 671,306	35,327	34,866
16	25	98 880	74 913,137	2 617 421,282	34,939	34,478
17	26	98 837	73 592,482	2 542 508,145	34,548	34,087
18	27	98 791	72 293,284	2 468 915,663	34,151	33,690
19	28	98 732	71 007,403	2 396 622,379	33,752	33,291
20	29	98 669	69 741,956	2 325 614,976	33,346	32,885
21	30	98 601	68 495,135	2 255 873,020	32,935	32,474
22	31	98 530	67 268,465	2 187 377,885	32,517	32,056
23	32	98 454	66 060,772	2 120 109,420	32,093	31,632
24	33	98 380	64 875,766	2 054 048,648	31,661	31,200
25	34	98 298	63 706,726	1 989 172,881	31,224	30,763
26	35	98 215	62 558,206	1 925 466,155	30,779	30,318
27	36	98 130	61 428,727	1 862 907,949	30,326	29,865
28	37	98 039	60 316,664	1 801 479,222	29,867	29,406
29	38	97 945	59 222,411	1 741 162,558	29,400	28,939
30	39	97 835	58 138,388	1 681 940,148	28,930	28,469
31	40	97 722	57 072,059	1 623 801,759	28,452	27,991
32	41	97 594	56 017,493	1 566 729,701	27,969	27,507
33	42	97 460	54 978,415	1 510 712,207	27,478	27,017
34	43	97 312	53 950,447	1 455 733,793	26,983	26,522
35	44	97 149	52 933,639	1 401 783,346	26,482	26,021
36	45	96 976	51 931,044	1 348 849,707	25,974	25,513
37	46	96 781	50 935,259	1 296 918,662	25,462	25,001
38	47	96 569	49 949,285	1 245 983,403	24,945	24,484
39	48	96 334	48 970,597	1 196 034,118	24,424	23,962
40	49	96 073	47 998,104	1 147 063,521	23,898	23,437
41	50	95 786	47 031,837	1 099 065,417	23,369	22,907
42	51	95 481	46 075,738	1 052 033,580	22,833	22,371
43	52	95 139	45 121,150	1 005 957,842	22,295	21,833
44	53	94 771	44 173,534	960 836,693	21,751	21,290
45	54	94 358	43 224,463	916 663,159	21,207	20,746
46	55	93 901	42 275,362	873 438,696	20,661	20,199
47	56	93 392	41 323,178	831 163,334	20,114	19,653
48	57	92 838	40 371,368	789 840,156	19,564	19,103
49	58	92 228	39 416,373	749 468,788	19,014	18,553
50	59	91 554	38 455,360	710 052,414	18,464	18,003
51	60	90 820	37 491,050	671 597,055	17,914	17,452
52	61	90 007	36 516,157	634 106,005	17,365	16,904
53	62	89 124	35 536,301	597 589,848	16,816	16,355
54	63	88 162	34 547,815	562 053,547	16,269	15,808
55	64	87 101	33 545,189	527 505,732	15,725	15,264
56	65	85 939	32 528,413	493 960,543	15,186	14,724
57	66	84 692	31 505,237	461 432,130	14,646	14,185
58	67	83 335	30 467,029	429 926,893	14,111	13,650
59	68	81 871	29 417,187	399 459,864	13,579	13,118
60	69	80 290	28 352,985	370 042,677	13,051	12,590
61	70	78 582	27 272,583	341 689,692	12,529	12,067
62	71	76 753	26 179,431	314 417,109	12,010	11,549
63	72	74 797	25 073,607	288 237,678	11,496	11,034
64	73	72 733	23 962,249	263 164,071	10,982	10,521
65	74	70 519	22 833,383	239 201,821	10,476	10,015
66	75	68 193	21 700,373	216 368,439	9,971	9,510
67	76	65 771	20 569,650	194 668,066	9,464	9,003
68	77	63 194	19 423,934	174 098,416	8,963	8,502
69	78	60 507	18 278,157	154 674,482	8,462	8,001
70	79	57 605	17 102,099	136 396,325	7,975	7,514
71	80	54 551	15 916,859	119 294,226	7,495	7,034
72	81	51 267	14 701,350	103 377,367	7,032	6,571
73	82	47 794	13 469,754	88 676,017	6,583	6,122
74	83	44 128	12 222,650	75 206,263	6,153	5,692
75	84	40 331	10 978,958	62 983,613	5,737	5,276
76	85	36 436	9 747,869	52 004,654	5,335	4,874
77	86	32 411	8 521,911	42 256,785	4,959	4,497
78	87	28 381	7 334,054	33 734,875	4,600	4,139
79	88	24 383	6 192,532	26 400,821	4,263	3,802
80	89	20 508	5 118,921	20 208,289	3,948	3,487
81	90	16 845	4 132,199	15 089,368	3,652	3,190
82	91	13 434	3 238,788	10 957,169	3,383	2,922
83	92	10 370	2 456,990	7 718,381	3,141	2,680
84	93	7 739	1 802,136	5 261,392	2,920	2,458
85	94	5 559	1 272,133	3 459,256	2,719	2,258
86	95	3 831	861,735	2 187,123	2,538	2,077
87	96	2 526	558,344	1 325,388	2,374	1,913
88	97	1 566	340,208	767,044	2,255	1,793
89	98	934	199,525	426,836	2,139	1,678
90	99	536	112,453	227,311	2,021	1,560
91	100	291	59,974	114,858	1,915	1,454

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 607	99 607,197	3 995 466,427	40,112	39,651
1	11	99 247	97 539,621	3 895 859,229	39,941	39,480
2	12	99 211	95 828,127	3 798 319,608	39,637	39,176
3	13	99 188	94 157,881	3 702 491,481	39,322	38,861
4	14	99 168	92 519,659	3 608 333,600	39,001	38,540
5	15	99 148	90 910,342	3 515 813,941	38,673	38,212
6	16	99 126	89 326,928	3 424 903,599	38,341	37,880
7	17	99 103	87 769,686	3 335 576,671	38,004	37,543
8	18	99 081	86 240,959	3 247 806,985	37,660	37,198
9	19	99 053	84 733,754	3 161 566,026	37,312	36,851
10	20	99 027	83 255,199	3 076 832,271	36,957	36,495
11	21	99 001	81 801,682	2 993 577,072	36,596	36,134
12	22	98 977	80 375,295	2 911 775,391	36,227	35,766
13	23	98 954	78 974,621	2 831 400,095	35,852	35,391
14	24	98 927	77 594,927	2 752 425,474	35,472	35,011
15	25	98 896	76 236,304	2 674 830,548	35,086	34,625
16	26	98 861	74 898,886	2 598 594,244	34,695	34,233
17	27	98 818	73 578,633	2 523 695,357	34,299	33,838
18	28	98 770	72 277,728	2 450 116,725	33,899	33,437
19	29	98 709	70 990,671	2 377 838,997	33,495	33,034
20	30	98 644	69 723,909	2 306 848,326	33,085	32,624
21	31	98 570	68 473,413	2 237 124,417	32,671	32,210
22	32	98 499	67 247,343	2 168 651,004	32,249	31,788
23	33	98 421	66 038,138	2 101 403,661	31,821	31,360
24	34	98 345	64 852,390	2 035 365,524	31,385	30,923
25	35	98 258	63 680,861	1 970 513,134	30,944	30,482
26	36	98 175	62 532,424	1 906 832,273	30,493	30,032
27	37	98 085	61 400,562	1 844 299,849	30,037	29,576
28	38	97 993	60 288,034	1 782 899,287	29,573	29,112
29	39	97 886	59 186,685	1 722 611,253	29,105	28,644
30	40	97 776	58 103,439	1 663 424,568	28,629	28,167
31	41	97 655	57 032,925	1 605 321,130	28,147	27,686
32	42	97 522	55 976,026	1 548 288,205	27,660	27,199
33	43	97 383	54 934,775	1 492 312,179	27,165	26,704
34	44	97 223	53 901,457	1 437 377,404	26,667	26,206
35	45	97 054	52 882,263	1 383 475,948	26,161	25,700
36	46	96 865	51 871,208	1 330 593,685	25,652	25,191
37	47	96 664	50 873,245	1 278 722,477	25,135	24,674
38	48	96 437	49 880,839	1 227 849,233	24,616	24,154
39	49	96 180	48 892,536	1 177 968,393	24,093	23,632
40	50	95 905	47 914,200	1 129 075,858	23,565	23,103
41	51	95 609	46 944,678	1 081 161,658	23,031	22,569
42	52	95 277	45 977,012	1 034 216,980	22,494	22,033
43	53	94 917	45 015,884	988 239,969	21,953	21,492
44	54	94 528	44 060,111	943 224,085	21,408	20,946
45	55	94 085	43 099,600	899 163,975	20,862	20,401
46	56	93 596	42 138,160	856 064,374	20,316	19,854
47	57	93 058	41 175,367	813 926,215	19,767	19,306
48	58	92 474	40 212,946	772 750,848	19,216	18,755
49	59	91 827	39 244,935	732 537,902	18,666	18,205
50	60	91 123	38 274,375	693 292,967	18,114	17,653
51	61	90 341	37 293,248	655 018,592	17,564	17,103
52	62	89 495	36 308,530	617 725,343	17,013	16,552
53	63	88 578	35 318,306	581 416,813	16,462	16,001
54	64	87 567	34 314,655	546 098,508	15,914	15,453
55	65	86 450	33 294,517	511 783,852	15,371	14,910
56	66	85 254	32 269,147	478 489,335	14,828	14,367
57	67	83 950	31 229,185	446 220,188	14,289	13,827
58	68	82 545	30 178,134	414 991,003	13,751	13,290
59	69	81 014	29 109,316	384 812,870	13,220	12,758
60	70	79 363	28 025,378	355 703,553	12,692	12,231
61	71	77 592	26 928,982	327 678,176	12,168	11,707
62	72	75 701	25 820,727	300 749,194	11,648	11,186
63	73	73 689	24 702,177	274 928,468	11,130	10,669
64	74	71 539	23 568,881	250 226,290	10,617	10,156
65	75	69 261	22 425,963	226 657,409	10,107	9,646
66	76	66 881	21 283,045	204 231,447	9,596	9,135
67	77	64 352	20 126,046	182 948,402	9,090	8,629
68	78	61 690	18 961,713	162 822,356	8,587	8,126
69	79	58 846	17 776,458	143 860,643	8,093	7,632
70	80	55 795	16 564,846	126 084,185	7,612	7,150
71	81	52 562	15 336,506	109 519,340	7,141	6,680
72	82	49 079	14 073,987	94 182,833	6,692	6,231
73	83	45 434	12 804,632	80 108,847	6,256	5,795
74	84	41 625	11 529,486	67 304,215	5,838	5,376
75	85	37 703	10 263,535	55 774,729	5,434	4,973
76	86	33 662	9 005,816	45 511,194	5,054	4,592
77	87	29 585	7 778,970	36 505,378	4,693	4,232
78	88	25 545	6 601,048	28 726,408	4,352	3,891
79	89	21 598	5 485,333	22 125,360	4,034	3,572
80	90	17 852	4 455,929	16 640,027	3,734	3,273
81	91	14 361	3 522,798	12 184,099	3,459	2,997
82	92	11 182	2 695,855	8 661,300	3,213	2,752
83	93	8 425	1 996,300	5 965,445	2,988	2,527
84	94	6 122	1 425,536	3 969,145	2,784	2,323
85	95	4 279	979,332	2 543,610	2,597	2,136
86	96	2 863	643,908	1 564,277	2,429	1,968
87	97	1 804	398,851	920,369	2,308	1,846
88	98	1 098	238,479	521,518	2,187	1,726
89	99	642	137,050	283,038	2,065	1,604
90	100	355	74,561	145,988	1,958	1,497

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 601	99 601,371	3 975 527,556	39,914	39,453
1	12	99 239	97 532,079	3 875 926,185	39,740	39,279
2	13	99 204	95 820,602	3 778 394,107	39,432	38,971
3	14	99 179	94 149,010	3 682 573,504	39,114	38,653
4	15	99 159	92 511,128	3 588 424,495	38,789	38,328
5	16	99 136	90 899,281	3 495 913,366	38,459	37,998
6	17	99 112	89 313,775	3 405 014,085	38,124	37,663
7	18	99 089	87 757,735	3 315 700,310	37,782	37,321
8	19	99 061	86 223,968	3 227 942,575	37,437	36,976
9	20	99 035	84 718,943	3 141 718,606	37,084	36,623
10	21	99 009	83 239,807	3 056 999,663	36,725	36,264
11	22	98 985	81 788,193	2 973 759,856	36,359	35,898
12	23	98 961	80 362,209	2 891 971,663	35,987	35,526
13	24	98 937	78 960,409	2 811 609,454	35,608	35,147
14	25	98 909	77 580,964	2 732 649,045	35,223	34,762
15	26	98 877	76 221,802	2 655 068,081	34,833	34,372
16	27	98 843	74 884,791	2 578 846,279	34,438	33,976
17	28	98 797	73 562,800	2 503 961,488	34,038	33,577
18	29	98 746	72 260,696	2 430 398,688	33,634	33,173
19	30	98 683	70 972,301	2 358 137,992	33,226	32,765
20	31	98 613	69 701,797	2 287 165,692	32,814	32,352
21	32	98 539	68 451,912	2 217 463,894	32,394	31,933
22	33	98 465	67 224,302	2 149 011,982	31,968	31,507
23	34	98 385	66 014,342	2 081 787,680	31,535	31,074
24	35	98 305	64 826,060	2 015 773,338	31,095	30,634
25	36	98 218	63 654,617	1 950 947,278	30,649	30,188
26	37	98 130	62 503,753	1 887 292,661	30,195	29,734
27	38	98 038	61 371,418	1 824 788,909	29,734	29,272
28	39	97 934	60 251,665	1 763 417,491	29,268	28,806
29	40	97 828	59 151,105	1 703 165,826	28,793	28,332
30	41	97 709	58 063,597	1 644 014,721	28,314	27,853
31	42	97 582	56 990,705	1 585 951,124	27,828	27,367
32	43	97 445	55 931,594	1 528 960,419	27,336	26,875
33	44	97 295	54 884,890	1 473 028,824	26,839	26,377
34	45	97 129	53 849,141	1 418 143,934	26,335	25,874
35	46	96 942	52 821,330	1 364 294,793	25,828	25,367
36	47	96 747	51 808,054	1 311 473,463	25,314	24,853
37	48	96 531	50 803,533	1 259 665,409	24,795	24,334
38	49	96 283	49 801,327	1 208 861,876	24,274	23,812
39	50	96 012	48 807,068	1 159 060,549	23,748	23,287
40	51	95 727	47 825,405	1 110 253,482	23,215	22,754
41	52	95 404	46 844,090	1 062 428,076	22,680	22,219
42	53	95 054	45 869,749	1 015 583,987	22,141	21,679
43	54	94 674	44 900,297	969 714,238	21,597	21,136
44	55	94 255	43 932,834	924 813,941	21,051	20,589
45	56	93 780	42 959,723	880 881,106	20,505	20,044
46	57	93 262	41 987,433	837 921,384	19,956	19,495
47	58	92 693	41 013,789	795 933,951	19,406	18,945
48	59	92 071	40 038,043	754 920,161	18,855	18,394
49	60	91 395	39 060,235	714 882,118	18,302	17,841
50	61	90 642	38 072,441	675 821,884	17,751	17,290
51	62	89 827	37 081,203	637 749,443	17,199	16,738
52	63	88 946	36 085,797	600 668,239	16,646	16,184
53	64	87 980	35 079,946	564 582,442	16,094	15,633
54	65	86 912	34 058,233	529 502,496	15,547	15,086
55	66	85 761	33 029,145	495 444,262	15,000	14,539
56	67	84 507	31 986,402	462 415,117	14,457	13,995
57	68	83 154	30 933,063	430 428,716	13,915	13,454
58	69	81 681	29 862,299	399 495,653	13,378	12,917
59	70	80 078	28 772,970	369 633,354	12,847	12,385
60	71	78 363	27 672,292	340 860,384	12,318	11,857
61	72	76 529	26 560,007	313 188,092	11,792	11,331
62	73	74 580	25 438,229	286 628,086	11,268	10,806
63	74	72 479	24 296,662	261 189,857	10,750	10,289
64	75	70 262	23 148,337	236 893,195	10,234	9,772
65	76	67 929	21 994,681	213 744,857	9,718	9,257
66	77	65 439	20 824,056	191 750,177	9,208	8,747
67	78	62 821	19 647,117	170 926,121	8,700	8,239
68	79	59 997	18 441,251	151 279,004	8,203	7,742
69	80	56 998	17 218,020	132 837,753	7,715	7,254
70	81	53 761	15 960,867	115 619,733	7,244	6,783
71	82	50 319	14 682,038	99 658,866	6,788	6,327
72	83	46 655	13 379,028	84 976,828	6,351	5,890
73	84	42 857	12 078,462	71 597,800	5,928	5,467
74	85	38 913	10 778,189	59 519,338	5,522	5,061
75	86	34 833	9 482,227	48 741,149	5,140	4,679
76	87	30 727	8 220,689	39 258,922	4,776	4,314
77	88	26 628	7 001,497	31 038,233	4,433	3,972
78	89	22 627	5 847,195	24 036,736	4,111	3,650
79	90	18 801	4 774,884	18 189,541	3,809	3,348
80	91	15 219	3 798,786	13 414,657	3,531	3,070
81	92	11 953	2 932,256	9 615,871	3,279	2,818
82	93	9 085	2 190,378	6 683,616	3,051	2,590
83	94	6 665	1 579,124	4 493,238	2,845	2,384
84	95	4 713	1 097,427	2 914,114	2,655	2,194
85	96	3 197	731,780	1 816,687	2,483	2,021
86	97	2 045	459,974	1 084,907	2,359	1,897
87	98	1 265	279,587	624,933	2,235	1,774
88	99	754	163,807	345,346	2,108	1,647
89	100	426	90,869	181,539	1,998	1,537

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 594	99 593,669	3 954 657,714	39,708	39,247
1	13	99 231	97 524,420	3 855 064,046	39,529	39,068
2	14	99 194	95 811,575	3 757 539,626	39,218	38,757
3	15	99 170	94 140,329	3 661 728,051	38,896	38,435
4	16	99 147	92 499,873	3 567 587,722	38,569	38,107
5	17	99 122	90 885,896	3 475 087,850	38,236	37,775
6	18	99 098	89 301,614	3 384 201,953	37,896	37,435
7	19	99 070	87 740,446	3 294 900,339	37,553	37,092
8	20	99 044	86 208,897	3 207 159,894	37,202	36,741
9	21	99 017	84 703,281	3 120 950,996	36,846	36,384
10	22	98 993	83 226,081	3 036 247,716	36,482	36,021
11	23	98 969	81 774,877	2 953 021,635	36,112	35,650
12	24	98 943	80 347,747	2 871 246,758	35,735	35,274
13	25	98 919	78 946,201	2 790 899,011	35,352	34,891
14	26	98 890	77 566,206	2 711 952,810	34,963	34,502
15	27	98 858	76 207,457	2 634 386,603	34,569	34,107
16	28	98 821	74 868,677	2 558 179,146	34,169	33,708
17	29	98 774	73 545,465	2 483 310,469	33,766	33,304
18	30	98 721	72 241,997	2 409 765,004	33,357	32,896
19	31	98 652	70 949,793	2 337 523,007	32,946	32,485
20	32	98 582	69 679,911	2 266 573,214	32,528	32,067
21	33	98 505	68 428,459	2 196 893,303	32,105	31,644
22	34	98 430	67 200,079	2 128 464,844	31,674	31,212
23	35	98 345	65 987,540	2 061 264,765	31,237	30,776
24	36	98 264	64 799,343	1 995 277,224	30,792	30,330
25	37	98 173	63 625,431	1 930 477,881	30,341	29,880
26	38	98 083	62 474,084	1 866 852,450	29,882	29,421
27	39	97 979	61 334,395	1 804 378,366	29,419	28,957
28	40	97 875	60 215,445	1 743 043,971	28,947	28,486
29	41	97 760	59 110,545	1 682 828,526	28,469	28,008
30	42	97 637	58 020,615	1 623 717,981	27,985	27,524
31	43	97 505	56 945,468	1 565 697,365	27,495	27,033
32	44	97 356	55 880,805	1 508 751,897	26,999	26,538
33	45	97 200	54 831,620	1 452 871,092	26,497	26,036
34	46	97 017	53 787,094	1 398 039,472	25,992	25,531
35	47	96 824	52 757,019	1 344 252,378	25,480	25,019
36	48	96 614	51 737,061	1 291 495,358	24,963	24,501
37	49	96 377	50 722,550	1 239 758,297	24,442	23,981
38	50	96 115	49 714,270	1 189 035,748	23,917	23,456
39	51	95 834	48 716,619	1 139 321,477	23,387	22,926
40	52	95 522	47 722,930	1 090 604,859	22,853	22,392
41	53	95 181	46 734,804	1 042 881,929	22,315	21,854
42	54	94 810	45 751,970	996 147,125	21,773	21,312
43	55	94 400	44 770,594	950 395,155	21,228	20,767
44	56	93 949	43 790,252	905 624,561	20,681	20,220
45	57	93 445	42 806,057	861 834,308	20,133	19,672
46	58	92 896	41 822,669	819 028,251	19,583	19,122
47	59	92 290	40 835,403	777 205,582	19,033	18,571
48	60	91 638	39 849,610	736 370,178	18,479	18,018
49	61	90 913	38 854,154	696 520,569	17,927	17,465
50	62	90 127	37 855,966	657 666,414	17,373	16,912
51	63	89 276	36 853,731	619 810,449	16,818	16,357
52	64	88 346	35 842,258	582 956,718	16,265	15,803
53	65	87 322	34 817,805	547 114,460	15,714	15,252
54	66	86 219	33 786,774	512 296,654	15,163	14,701
55	67	85 010	32 739,740	478 509,880	14,616	14,154
56	68	83 706	31 683,099	445 770,140	14,070	13,608
57	69	82 284	30 609,327	414 087,041	13,528	13,067
58	70	80 737	29 517,253	383 477,714	12,992	12,530
59	71	79 070	28 410,465	353 960,461	12,459	11,998
60	72	77 289	27 293,132	325 549,996	11,928	11,467
61	73	75 396	26 166,558	298 256,864	11,398	10,937
62	74	73 355	25 020,631	272 090,306	10,875	10,413
63	75	71 186	23 863,133	247 069,675	10,354	9,892
64	76	68 911	22 703,163	223 206,543	9,832	9,370
65	77	66 464	21 520,345	200 503,380	9,317	8,856
66	78	63 882	20 328,517	178 983,035	8,805	8,343
67	79	61 097	19 107,842	158 654,518	8,303	7,842
68	80	58 112	17 861,929	139 546,676	7,813	7,351
69	81	54 920	16 590,225	121 684,747	7,335	6,874
70	82	51 467	15 279,755	105 094,522	6,878	6,417
71	83	47 834	13 957,055	89 814,767	6,435	5,974
72	84	44 010	12 620,284	75 857,713	6,011	5,550
73	85	40 065	11 291,392	63 237,429	5,600	5,139
74	86	35 951	9 957,703	51 946,037	5,217	4,755
75	87	31 796	8 655,566	41 988,334	4,851	4,390
76	88	27 656	7 399,068	33 332,768	4,505	4,044
77	89	23 587	6 201,912	25 933,700	4,182	3,720
78	90	19 697	5 089,878	19 731,788	3,877	3,415
79	91	16 028	4 070,703	14 641,909	3,597	3,136
80	92	12 668	3 161,978	10 571,206	3,343	2,882
81	93	9 712	2 382,453	7 409,228	3,110	2,649
82	94	7 187	1 732,645	5 026,776	2,901	2,440
83	95	5 131	1 215,665	3 294,131	2,710	2,249
84	96	3 521	820,023	2 078,466	2,535	2,073
85	97	2 284	522,745	1 258,443	2,407	1,946
86	98	1 434	322,433	735,699	2,282	1,821
87	99	869	192,044	413,265	2,152	1,691
88	100	500	108,610	221,222	2,037	1,576

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 586	99 585,848	3 932 861,901	39,492	39,031
1	14	99 222	97 515,232	3 833 276,052	39,310	38,848
2	15	99 185	95 802,740	3 735 760,821	38,994	38,533
3	16	99 158	94 128,875	3 639 958,080	38,670	38,209
4	17	99 132	92 486,253	3 545 829,206	38,339	37,878
5	18	99 108	90 873,521	3 453 342,953	38,002	37,540
6	19	99 079	89 284,020	3 362 469,432	37,660	37,199
7	20	99 052	87 725,109	3 273 185,412	37,312	36,851
8	21	99 026	86 192,959	3 185 460,303	36,957	36,496
9	22	99 001	84 689,313	3 099 267,343	36,596	36,135
10	23	98 977	83 212,531	3 014 578,030	36,227	35,766
11	24	98 951	81 760,161	2 931 365,499	35,853	35,392
12	25	98 926	80 333,290	2 849 605,339	35,472	35,011
13	26	98 900	78 931,183	2 769 272,049	35,085	34,623
14	27	98 872	77 551,609	2 690 340,866	34,691	34,230
15	28	98 837	76 191,059	2 612 789,257	34,293	33,831
16	29	98 798	74 851,034	2 536 598,198	33,889	33,427
17	30	98 748	73 526,434	2 461 747,164	33,481	33,020
18	31	98 690	72 219,087	2 388 220,730	33,069	32,608
19	32	98 621	70 927,515	2 316 001,643	32,653	32,192
20	33	98 548	69 656,037	2 245 074,128	32,231	31,770
21	34	98 470	68 403,802	2 175 418,091	31,803	31,341
22	35	98 390	67 172,796	2 107 014,290	31,367	30,906
23	36	98 305	65 960,345	2 039 841,493	30,925	30,464
24	37	98 219	64 769,633	1 973 881,148	30,475	30,014
25	38	98 126	63 595,230	1 909 111,516	30,020	29,559
26	39	98 024	62 436,397	1 845 516,285	29,558	29,097
27	40	97 920	61 297,524	1 783 079,888	29,089	28,628
28	41	97 808	60 174,155	1 721 782,364	28,613	28,152
29	42	97 688	59 066,788	1 661 608,209	28,131	27,670
30	43	97 560	57 974,561	1 602 541,421	27,642	27,181
31	44	97 416	56 893,758	1 544 566,860	27,148	26,687
32	45	97 262	55 826,568	1 487 673,102	26,648	26,187
33	46	97 088	54 768,442	1 431 846,534	26,144	25,682
34	47	96 899	53 721,608	1 377 078,092	25,634	25,172
35	48	96 692	52 684,726	1 323 356,484	25,118	24,657
36	49	96 460	51 654,590	1 270 671,758	24,599	24,138
37	50	96 209	50 633,883	1 219 017,169	24,075	23,614
38	51	95 936	49 622,140	1 168 383,286	23,546	23,084
39	52	95 629	48 612,234	1 118 761,146	23,014	22,553
40	53	95 299	47 611,594	1 070 148,912	22,477	22,015
41	54	94 937	46 614,804	1 022 537,318	21,936	21,475
42	55	94 536	45 619,807	975 922,514	21,393	20,931
43	56	94 094	44 625,293	930 302,707	20,847	20,386
44	57	93 613	43 633,616	885 677,414	20,298	19,837
45	58	93 078	42 638,081	842 043,798	19,749	19,287
46	59	92 492	41 640,765	799 405,717	19,198	18,736
47	60	91 856	40 643,218	757 764,952	18,644	18,183
48	61	91 155	39 639,365	717 121,734	18,091	17,630
49	62	90 396	38 633,234	677 482,370	17,536	17,075
50	63	89 574	37 623,740	638 849,135	16,980	16,519
51	64	88 674	36 605,009	601 225,395	16,425	15,963
52	65	87 685	35 574,421	564 620,386	15,872	15,410
53	66	86 626	34 540,292	529 045,965	15,317	14,856
54	67	85 464	33 490,731	494 505,673	14,765	14,304
55	68	84 204	32 429,294	461 014,943	14,216	13,755
56	69	82 830	31 351,515	428 585,648	13,670	13,209
57	70	81 333	30 255,649	397 234,134	13,129	12,668
58	71	79 720	29 145,371	366 978,485	12,591	12,130
59	72	77 986	28 021,191	337 833,114	12,056	11,595
60	73	76 144	26 888,823	309 811,923	11,522	11,061
61	74	74 158	25 737,003	282 923,100	10,993	10,532
62	75	72 047	24 574,184	257 186,097	10,466	10,004
63	76	69 817	23 404,212	232 611,913	9,939	9,478
64	77	67 425	22 213,548	209 207,702	9,418	8,957
65	78	64 882	21 008,236	186 994,154	8,901	8,440
66	79	62 128	19 770,539	165 985,918	8,396	7,934
67	80	59 177	18 507,579	146 215,378	7,900	7,439
68	81	55 994	17 210,657	127 707,799	7,420	6,959
69	82	52 576	15 882,256	110 497,142	6,957	6,496
70	83	48 925	14 525,256	94 614,886	6,514	6,053
71	84	45 121	13 165,530	80 089,630	6,083	5,622
72	85	41 142	11 797,907	66 924,100	5,673	5,211
73	86	37 015	10 431,838	55 126,193	5,284	4,823
74	87	32 816	9 089,590	44 694,355	4,917	4,456
75	88	28 618	7 790,481	35 604,765	4,570	4,109
76	89	24 498	6 554,080	27 814,284	4,244	3,783
77	90	20 532	5 398,654	21 260,204	3,938	3,477
78	91	16 792	4 339,243	15 861,550	3,655	3,194
79	92	13 341	3 388,312	11 522,307	3,401	2,939
80	93	10 293	2 569,102	8 133,995	3,166	2,705
81	94	7 683	1 884,581	5 564,893	2,953	2,492
82	95	5 533	1 333,850	3 680,312	2,759	2,298
83	96	3 834	908,373	2 346,462	2,583	2,122
84	97	2 516	585,781	1 438,089	2,455	1,994
85	98	1 601	366,434	852,308	2,326	1,865
86	99	985	221,474	485,874	2,194	1,733
87	100	576	127,331	264,400	2,076	1,615

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	14	99 576	99 576,466	3 910 144,285	39,268	38,807
1	15	99 213	97 506,240	3 810 567,819	39,080	38,619
2	16	99 173	95 791,084	3 713 061,579	38,762	38,301
3	17	99 143	94 115,015	3 617 270,495	38,435	37,973
4	18	99 119	92 473,659	3 523 155,480	38,099	37,638
5	19	99 089	90 855,617	3 430 681,820	37,760	37,299
6	20	99 061	89 268,414	3 339 826,203	37,413	36,952
7	21	99 034	87 708,891	3 250 557,789	37,061	36,600
8	22	99 009	86 178,746	3 162 848,898	36,701	36,240
9	23	98 985	84 675,525	3 076 670,152	36,335	35,874
10	24	98 959	83 197,556	2 991 994,627	35,963	35,501
11	25	98 933	81 745,449	2 908 797,071	35,584	35,122
12	26	98 907	80 318,008	2 827 051,622	35,198	34,737
13	27	98 881	78 916,329	2 746 733,614	34,806	34,344
14	28	98 851	77 534,921	2 667 817,285	34,408	33,947
15	29	98 814	76 173,105	2 590 282,364	34,005	33,544
16	30	98 773	74 831,665	2 514 109,260	33,597	33,136
17	31	98 717	73 503,116	2 439 277,594	33,186	32,725
18	32	98 659	72 196,411	2 365 774,478	32,769	32,307
19	33	98 587	70 903,213	2 293 578,067	32,348	31,887
20	34	98 512	69 630,937	2 222 674,854	31,921	31,460
21	35	98 430	68 376,030	2 153 043,917	31,488	31,027
22	36	98 349	67 145,112	2 084 667,887	31,047	30,586
23	37	98 260	65 930,102	2 017 522,775	30,601	30,140
24	38	98 173	64 738,889	1 951 592,672	30,146	29,684
25	39	98 067	63 556,867	1 886 853,784	29,688	29,226
26	40	97 965	62 398,864	1 823 296,917	29,220	28,759
27	41	97 853	61 255,493	1 760 898,053	28,747	28,286
28	42	97 735	60 129,611	1 699 642,561	28,266	27,805
29	43	97 611	59 019,903	1 639 512,950	27,779	27,318
30	44	97 471	57 921,916	1 580 493,047	27,287	26,825
31	45	97 322	56 838,538	1 522 571,131	26,788	26,326
32	46	97 150	55 762,243	1 465 732,592	26,285	25,824
33	47	96 970	54 701,760	1 409 970,350	25,776	25,314
34	48	96 766	53 647,993	1 355 268,589	25,262	24,801
35	49	96 538	52 600,744	1 301 620,596	24,745	24,284
36	50	96 292	51 564,294	1 249 019,852	24,223	23,761
37	51	96 030	50 540,048	1 197 455,559	23,693	23,232
38	52	95 731	49 515,815	1 146 915,511	23,163	22,701
39	53	95 406	48 498,823	1 097 399,696	22,627	22,166
40	54	95 055	47 489,343	1 048 900,873	22,087	21,626
41	55	94 663	46 480,148	1 001 411,530	21,545	21,084
42	56	94 230	45 471,750	954 931,382	21,001	20,539
43	57	93 757	44 465,671	909 459,632	20,453	19,992
44	58	93 246	43 462,392	864 993,961	19,902	19,441
45	59	92 673	42 452,630	821 531,569	19,352	18,891
46	60	92 056	41 444,788	779 078,938	18,798	18,337
47	61	91 371	40 428,785	737 634,150	18,245	17,784
48	62	90 636	39 413,980	697 205,365	17,689	17,228
49	63	89 841	38 396,241	657 791,384	17,132	16,670
50	64	88 970	37 369,822	619 395,144	16,575	16,114
51	65	88 011	36 331,472	582 025,322	16,020	15,559
52	66	86 987	35 290,877	545 693,850	15,463	15,002
53	67	85 867	34 237,646	510 402,973	14,908	14,446
54	68	84 654	33 173,164	476 165,327	14,354	13,893
55	69	83 322	32 089,900	442 992,163	13,805	13,344
56	70	81 873	30 989,260	410 902,263	13,260	12,798
57	71	80 309	29 874,464	379 913,002	12,717	12,256
58	72	78 627	28 746,027	350 038,538	12,177	11,716
59	73	76 831	27 606,097	321 292,511	11,638	11,177
60	74	74 894	26 447,412	293 686,414	11,105	10,643
61	75	72 835	25 277,773	267 239,003	10,572	10,111
62	76	70 661	24 101,588	241 961,229	10,039	9,578
63	77	68 312	22 899,478	217 859,641	9,514	9,053
64	78	65 820	21 684,944	194 960,163	8,991	8,529
65	79	63 101	20 431,602	173 275,220	8,481	8,020
66	80	60 177	19 149,458	152 843,618	7,982	7,520
67	81	57 020	17 832,765	133 694,160	7,497	7,036
68	82	53 604	16 476,211	115 861,394	7,032	6,571
69	83	49 980	15 098,007	99 385,183	6,583	6,121
70	84	46 151	13 701,508	84 287,176	6,152	5,690
71	85	42 181	12 307,622	70 585,668	5,735	5,274
72	86	38 010	10 899,795	58 278,045	5,347	4,886
73	87	33 788	9 522,391	47 378,251	4,975	4,514
74	88	29 537	8 181,127	37 855,860	4,627	4,166
75	89	25 350	6 900,793	29 674,733	4,300	3,839
76	90	21 325	5 705,209	22 773,940	3,992	3,531
77	91	17 504	4 602,481	17 068,732	3,709	3,247
78	92	13 977	3 611,836	12 466,250	3,451	2,990
79	93	10 840	2 752,998	8 854,414	3,216	2,755
80	94	8 142	2 032,225	6 101,416	3,002	2,541
81	95	5 914	1 450,816	4 069,191	2,805	2,344
82	96	4 134	996,684	2 618,375	2,627	2,166
83	97	2 739	648,893	1 621,691	2,499	2,038
84	98	1 763	410,621	972,798	2,369	1,908
85	99	1 100	251,697	562,176	2,234	1,772
86	100	653	146,845	310,479	2,114	1,653

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 567	99 567,285	3 886 511,032	39,034	38,573
1	16	99 201	97 494,377	3 786 943,748	38,843	38,381
2	17	99 159	95 776,979	3 689 449,371	38,521	38,060
3	18	99 130	94 102,200	3 593 672,392	38,189	37,728
4	19	99 099	92 455,440	3 499 570,192	37,851	37,390
5	20	99 071	90 839,737	3 407 114,752	37,507	37,046
6	21	99 043	89 251,910	3 316 275,015	37,156	36,695
7	22	99 018	87 694,428	3 227 023,105	36,798	36,337
8	23	98 993	86 164,715	3 139 328,677	36,434	35,973
9	24	98 967	84 660,287	3 053 163,961	36,064	35,603
10	25	98 941	83 182,585	2 968 503,675	35,687	35,225
11	26	98 914	81 729,899	2 885 321,089	35,303	34,842
12	27	98 888	80 302,893	2 803 591,191	34,913	34,452
13	28	98 860	78 899,347	2 723 288,298	34,516	34,055
14	29	98 827	77 516,650	2 644 388,951	34,114	33,653
15	30	98 788	76 153,394	2 566 872,300	33,707	33,245
16	31	98 741	74 807,934	2 490 718,906	33,295	32,834
17	32	98 686	73 480,037	2 415 910,973	32,878	32,417
18	33	98 625	72 171,674	2 342 430,936	32,456	31,995
19	34	98 552	70 877,664	2 270 259,262	32,031	31,569
20	35	98 472	69 602,667	2 199 381,598	31,599	31,138
21	36	98 389	68 347,850	2 129 778,930	31,161	30,700
22	37	98 304	67 114,326	2 061 431,080	30,715	30,254
23	38	98 213	65 898,808	1 994 316,754	30,263	29,802
24	39	98 114	64 699,835	1 928 417,946	29,806	29,344
25	40	98 008	63 518,660	1 863 718,111	29,341	28,880
26	41	97 898	62 356,077	1 800 199,451	28,870	28,408
27	42	97 781	61 210,148	1 737 843,375	28,391	27,930
28	43	97 658	60 081,883	1 676 633,227	27,906	27,445
29	44	97 522	58 966,309	1 616 551,344	27,415	26,954
30	45	97 376	57 865,698	1 557 585,035	26,917	26,456
31	46	97 210	56 773,047	1 499 719,337	26,416	25,955
32	47	97 031	55 694,351	1 442 946,290	25,908	25,447
33	48	96 837	54 626,802	1 387 251,939	25,395	24,934
34	49	96 612	53 562,476	1 332 625,136	24,880	24,419
35	50	96 369	52 508,794	1 279 062,661	24,359	23,898
36	51	96 113	51 468,735	1 226 553,867	23,831	23,370
37	52	95 825	50 431,756	1 175 085,132	23,300	22,839
38	53	95 507	49 400,296	1 124 653,376	22,766	22,305
39	54	95 161	48 374,294	1 075 253,080	22,228	21,767
40	55	94 780	47 352,161	1 026 878,786	21,686	21,225
41	56	94 355	46 329,299	979 526,625	21,143	20,681
42	57	93 893	45 309,099	933 197,326	20,596	20,135
43	58	93 389	44 291,181	887 888,227	20,047	19,585
44	59	92 840	43 273,357	843 597,045	19,495	19,033
45	60	92 237	42 252,833	800 323,689	18,941	18,480
46	61	91 571	41 226,127	758 070,856	18,388	17,927
47	62	90 851	40 198,912	716 844,728	17,832	17,371
48	63	90 080	39 172,197	676 645,816	17,274	16,812
49	64	89 235	38 137,109	637 473,619	16,715	16,254
50	65	88 305	37 090,569	599 336,510	16,159	15,698
51	66	87 310	36 041,894	562 245,941	15,600	15,139
52	67	86 224	34 981,654	526 204,047	15,042	14,581
53	68	85 053	33 912,997	491 222,393	14,485	14,024
54	69	83 768	32 825,985	457 309,395	13,931	13,470
55	70	82 360	31 719,114	424 483,411	13,383	12,921
56	71	80 841	30 598,833	392 764,297	12,836	12,375
57	72	79 208	29 465,131	362 165,463	12,291	11,830
58	73	77 463	28 320,196	332 700,333	11,748	11,287
59	74	75 570	27 152,911	304 380,137	11,210	10,749
60	75	73 558	25 975,506	277 227,226	10,673	10,211
61	76	71 434	24 791,647	251 251,721	10,135	9,673
62	77	69 137	23 581,815	226 460,074	9,603	9,142
63	78	66 686	22 354,551	202 878,259	9,075	8,614
64	79	64 014	21 089,735	180 523,708	8,560	8,099
65	80	61 119	19 789,754	159 433,973	8,056	7,595
66	81	57 983	18 451,240	139 644,219	7,568	7,107
67	82	54 586	17 071,772	121 192,979	7,099	6,638
68	83	50 957	15 662,633	104 121,207	6,648	6,187
69	84	47 145	14 241,777	88 458,573	6,211	5,750
70	85	43 143	12 808,675	74 216,796	5,794	5,333
71	86	38 970	11 370,709	61 408,122	5,401	4,939
72	87	34 696	9 949,551	50 037,413	5,029	4,568
73	88	30 411	8 570,671	40 087,862	4,677	4,216
74	89	26 163	7 246,826	31 517,191	4,349	3,888
75	90	22 067	6 007,016	24 270,365	4,040	3,579
76	91	18 180	4 863,827	18 263,349	3,755	3,294
77	92	14 570	3 830,947	13 399,522	3,498	3,037
78	93	11 356	2 934,610	9 568,576	3,261	2,799
79	94	8 575	2 177,692	6 633,965	3,046	2,585
80	95	6 268	1 564,478	4 456,273	2,848	2,387
81	96	4 419	1 084,083	2 891,795	2,668	2,206
82	97	2 953	711,978	1 807,712	2,539	2,078
83	98	1 920	454,862	1 095,734	2,409	1,948
84	99	1 211	282,048	640,872	2,272	1,811
85	100	729	166,884	358,823	2,150	1,689

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 555	99 555,170	3 861 966,781	38,792	38,331
1	17	99 186	97 480,021	3 762 411,610	38,597	38,136
2	18	99 145	95 763,938	3 664 931,589	38,270	37,809
3	19	99 110	94 083,660	3 569 167,651	37,936	37,475
4	20	99 082	92 439,280	3 475 083,991	37,593	37,132
5	21	99 053	90 822,942	3 382 644,711	37,244	36,783
6	22	99 027	89 237,193	3 291 821,769	36,888	36,427
7	23	99 002	87 680,150	3 202 584,576	36,526	36,065
8	24	98 975	86 149,209	3 114 904,425	36,157	35,696
9	25	98 949	84 645,053	3 028 755,217	35,782	35,321
10	26	98 922	83 166,762	2 944 110,163	35,400	34,939
11	27	98 896	81 714,518	2 860 943,402	35,011	34,550
12	28	98 867	80 285,613	2 779 228,884	34,617	34,156
13	29	98 837	78 880,755	2 698 943,271	34,215	33,754
14	30	98 802	77 496,592	2 620 062,516	33,809	33,348
15	31	98 757	76 129,243	2 542 565,924	33,398	32,937
16	32	98 710	74 784,444	2 466 436,681	32,981	32,519
17	33	98 652	73 454,860	2 391 652,237	32,559	32,098
18	34	98 589	72 145,668	2 318 197,377	32,132	31,671
19	35	98 512	70 848,888	2 246 051,709	31,702	31,241
20	36	98 432	69 573,982	2 175 202,820	31,265	30,803
21	37	98 344	68 316,513	2 105 628,838	30,822	30,360
22	38	98 258	67 082,470	2 037 312,325	30,370	29,909
23	39	98 154	65 859,054	1 970 229,856	29,916	29,455
24	40	98 055	64 660,941	1 904 370,802	29,452	28,990
25	41	97 941	63 475,105	1 839 709,861	28,983	28,522
26	42	97 825	62 309,917	1 776 234,756	28,506	28,045
27	43	97 703	61 161,562	1 713 924,838	28,023	27,562
28	44	97 569	60 027,324	1 652 763,277	27,534	27,072
29	45	97 427	58 909,078	1 592 735,953	27,037	26,576
30	46	97 264	57 799,023	1 533 826,875	26,537	26,076
31	47	97 091	56 703,925	1 476 027,851	26,030	25,569
32	48	96 898	55 618,033	1 419 323,926	25,519	25,058
33	49	96 683	54 539,724	1 363 705,893	25,004	24,543
34	50	96 443	53 468,844	1 309 166,169	24,485	24,023
35	51	96 190	52 411,485	1 255 697,324	23,958	23,497
36	52	95 907	51 358,453	1 203 285,839	23,429	22,968
37	53	95 601	50 314,101	1 151 927,387	22,895	22,434
38	54	95 262	49 273,452	1 101 613,286	22,357	21,896
39	55	94 886	48 234,555	1 052 339,834	21,817	21,356
40	56	94 472	47 198,482	1 004 105,279	21,274	20,813
41	57	94 018	46 163,581	956 906,797	20,729	20,267
42	58	93 524	45 131,300	910 743,216	20,180	19,719
43	59	92 983	44 098,541	865 611,915	19,629	19,168
44	60	92 403	43 069,697	821 513,375	19,074	18,613
45	61	91 750	42 029,909	778 443,678	18,521	18,060
46	62	91 050	40 991,721	736 413,769	17,965	17,504
47	63	90 294	39 952,314	695 422,049	17,406	16,945
48	64	89 472	38 907,828	655 469,734	16,847	16,386
49	65	88 568	37 852,123	616 561,906	16,289	15,827
50	66	87 601	36 794,941	578 709,783	15,728	15,267
51	67	86 545	35 726,091	541 914,842	15,169	14,707
52	68	85 407	34 649,951	506 188,752	14,609	14,147
53	69	84 163	33 558,075	471 538,801	14,051	13,590
54	70	82 800	32 446,694	437 980,726	13,498	13,037
55	71	81 322	31 319,492	405 534,032	12,948	12,487
56	72	79 733	30 179,575	374 214,541	12,400	11,938
57	73	78 035	29 028,647	344 034,966	11,852	11,390
58	74	76 191	27 855,287	315 006,320	11,309	10,847
59	75	74 221	26 668,417	287 151,033	10,767	10,306
60	76	72 143	25 475,961	260 482,616	10,225	9,763
61	77	69 893	24 256,992	235 006,655	9,688	9,227
62	78	67 492	23 020,650	210 749,663	9,155	8,694
63	79	64 856	21 740,963	187 729,013	8,635	8,174
64	80	62 003	20 427,212	165 988,050	8,126	7,665
65	81	58 891	19 068,190	145 560,838	7,634	7,172
66	82	55 508	17 663,854	126 492,649	7,161	6,700
67	83	51 891	16 228,786	108 828,794	6,706	6,245
68	84	48 067	14 774,383	92 600,008	6,268	5,806
69	85	44 073	13 313,738	77 825,625	5,846	5,384
70	86	39 859	11 833,619	64 511,887	5,452	4,990
71	87	35 573	10 379,410	52 678,268	5,075	4,614
72	88	31 228	8 955,138	42 298,858	4,723	4,262
73	89	26 938	7 591,883	33 343,720	4,392	3,931
74	90	22 775	6 308,232	25 751,837	4,082	3,621
75	91	18 813	5 121,125	19 443,605	3,797	3,336
76	92	15 132	4 048,482	14 322,480	3,538	3,077
77	93	11 838	3 112,637	10 273,998	3,301	2,840
78	94	8 983	2 321,352	7 161,361	3,085	2,624
79	95	6 601	1 676,463	4 840,009	2,887	2,426
80	96	4 684	1 169,014	3 163,546	2,706	2,245
81	97	3 157	774,412	1 994,532	2,576	2,114
82	98	2 070	499,083	1 220,120	2,445	1,984
83	99	1 319	312,437	721,037	2,308	1,847
84	100	803	187,008	408,600	2,185	1,724

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 541	99 540,511	3 836 519,352	38,542	38,081
1	18	99 172	97 466,748	3 736 978,841	38,341	37,880
2	19	99 125	95 745,071	3 639 512,093	38,013	37,551
3	20	99 093	94 067,215	3 543 767,022	37,673	37,212
4	21	99 064	92 422,190	3 449 699,807	37,325	36,864
5	22	99 037	90 807,966	3 357 277,617	36,971	36,510
6	23	99 011	89 222,664	3 266 469,651	36,610	36,149
7	24	98 984	87 664,371	3 177 246,987	36,243	35,782
8	25	98 957	86 133,707	3 089 582,616	35,870	35,408
9	26	98 930	84 628,952	3 003 448,908	35,490	35,028
10	27	98 904	83 151,110	2 918 819,957	35,103	34,641
11	28	98 875	81 696,934	2 835 668,846	34,710	34,248
12	29	98 844	80 266,694	2 753 971,912	34,310	33,849
13	30	98 811	78 860,343	2 673 705,218	33,904	33,443
14	31	98 770	77 472,015	2 594 844,875	33,494	33,033
15	32	98 726	76 105,339	2 517 372,860	33,077	32,616
16	33	98 676	74 758,821	2 441 267,521	32,655	32,194
17	34	98 616	73 428,392	2 366 508,700	32,229	31,768
18	35	98 549	72 116,377	2 293 080,308	31,797	31,336
19	36	98 471	70 819,689	2 220 963,931	31,361	30,900
20	37	98 387	69 542,082	2 150 144,242	30,919	30,457
21	38	98 297	68 284,085	2 080 602,159	30,470	30,009
22	39	98 198	67 042,002	2 012 318,074	30,016	29,555
23	40	98 095	65 819,463	1 945 276,072	29,555	29,094
24	41	97 987	64 616,603	1 879 456,608	29,086	28,625
25	42	97 868	63 428,117	1 814 840,005	28,613	28,151
26	43	97 748	62 260,458	1 751 411,888	28,130	27,669
27	44	97 614	61 106,023	1 689 151,430	27,643	27,182
28	45	97 474	59 969,063	1 628 045,407	27,148	26,687
29	46	97 315	58 841,201	1 568 076,344	26,649	26,188
30	47	97 146	57 728,652	1 509 235,143	26,144	25,682
31	48	96 958	56 626,224	1 451 506,491	25,633	25,172
32	49	96 744	55 529,375	1 394 880,268	25,120	24,658
33	50	96 514	54 444,385	1 339 350,892	24,600	24,139
34	51	96 264	53 369,756	1 284 906,507	24,076	23,614
35	52	95 984	52 299,183	1 231 536,751	23,548	23,087
36	53	95 683	51 238,635	1 179 237,568	23,015	22,553
37	54	95 356	50 184,910	1 127 998,933	22,477	22,016
38	55	94 987	49 131,116	1 077 814,023	21,938	21,476
39	56	94 578	48 078,012	1 028 682,907	21,396	20,935
40	57	94 134	47 029,654	980 604,894	20,851	20,390
41	58	93 649	45 982,429	933 575,240	20,303	19,842
42	59	93 117	44 935,006	887 592,810	19,753	19,292
43	60	92 546	43 890,997	842 657,805	19,199	18,738
44	61	91 916	42 842,463	798 766,807	18,644	18,183
45	62	91 229	41 790,932	755 924,344	18,088	17,627
46	63	90 491	40 740,259	714 133,413	17,529	17,068
47	64	89 685	39 682,680	673 393,154	16,969	16,508
48	65	88 804	38 617,083	633 710,473	16,410	15,949
49	66	87 862	37 550,425	595 093,391	15,848	15,387
50	67	86 833	36 472,540	557 542,966	15,287	14,825
51	68	85 724	35 387,328	521 070,426	14,725	14,264
52	69	84 513	34 287,316	485 683,098	14,165	13,704
53	70	83 191	33 170,325	451 395,783	13,608	13,147
54	71	81 757	32 037,905	418 225,458	13,054	12,593
55	72	80 208	30 890,359	386 187,553	12,502	12,041
56	73	78 552	29 732,507	355 297,194	11,950	11,489
57	74	76 754	28 552,108	325 564,687	11,402	10,941
58	75	74 832	27 358,260	297 012,580	10,856	10,395
59	76	72 794	26 155,546	269 654,320	10,310	9,848
60	77	70 587	24 926,548	243 498,774	9,769	9,307
61	78	68 230	23 679,761	218 572,226	9,230	8,769
62	79	65 639	22 388,779	194 892,465	8,705	8,244
63	80	62 818	21 057,982	172 503,686	8,192	7,731
64	81	59 742	19 682,405	151 445,704	7,694	7,233
65	82	56 378	18 254,476	131 763,299	7,218	6,757
66	83	52 767	16 791,632	113 508,822	6,760	6,299
67	84	48 948	15 308,428	96 717,190	6,318	5,857
68	85	44 935	13 811,638	81 408,762	5,894	5,433
69	86	40 718	12 300,234	67 597,125	5,496	5,034
70	87	36 384	10 801,964	55 296,890	5,119	4,658
71	88	32 017	9 342,035	44 494,927	4,763	4,302
72	89	27 662	7 932,443	35 152,891	4,432	3,970
73	90	23 449	6 608,598	27 220,448	4,119	3,658
74	91	19 416	5 377,918	20 611,850	3,833	3,371
75	92	15 659	4 262,648	15 233,932	3,574	3,113
76	93	12 295	3 289,384	10 971,284	3,335	2,874
77	94	9 364	2 462,176	7 681,900	3,120	2,659
78	95	6 915	1 787,058	5 219,724	2,921	2,460
79	96	4 932	1 252,692	3 432,666	2,740	2,279
80	97	3 346	835,082	2 179,974	2,610	2,149
81	98	2 213	542,848	1 344,892	2,477	2,016
82	99	1 422	342,811	802,044	2,340	1,878
83	100	874	207,156	459,233	2,217	1,756

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 527	99 526,958	3 810 176,048	38,283	37,822
1	19	99 153	97 447,546	3 710 649,091	38,078	37,617
2	20	99 108	95 728,336	3 613 201,545	37,744	37,283
3	21	99 074	94 049,824	3 517 473,210	37,400	36,939
4	22	99 047	92 406,950	3 423 423,385	37,047	36,586
5	23	99 021	90 793,182	3 331 016,436	36,688	36,227
6	24	98 993	89 206,607	3 240 223,254	36,323	35,861
7	25	98 966	87 648,597	3 151 016,647	35,951	35,489
8	26	98 939	86 117,323	3 063 368,050	35,572	35,111
9	27	98 912	84 613,025	2 977 250,727	35,187	34,725
10	28	98 882	83 133,217	2 892 637,702	34,795	34,334
11	29	98 851	81 677,683	2 809 504,485	34,397	33,936
12	30	98 818	80 245,924	2 727 826,802	33,993	33,532
13	31	98 780	78 835,334	2 647 580,879	33,584	33,122
14	32	98 739	77 447,689	2 568 745,544	33,167	32,706
15	33	98 692	76 079,263	2 491 297,855	32,746	32,285
16	34	98 641	74 731,883	2 415 218,592	32,318	31,857
17	35	98 576	73 398,580	2 340 486,710	31,887	31,426
18	36	98 509	72 086,656	2 267 088,129	31,449	30,988
19	37	98 426	70 787,219	2 195 001,473	31,008	30,547
20	38	98 340	69 509,073	2 124 214,255	30,560	30,099
21	39	98 238	68 242,893	2 054 705,181	30,109	29,648
22	40	98 139	67 001,700	1 986 462,288	29,648	29,187
23	41	98 028	65 774,331	1 919 460,588	29,183	28,721
24	42	97 915	64 568,770	1 853 686,257	28,709	28,248
25	43	97 791	63 377,770	1 789 117,487	28,229	27,768
26	44	97 659	62 203,921	1 725 739,717	27,743	27,282
27	45	97 520	61 046,715	1 663 535,795	27,250	26,789
28	46	97 362	59 899,965	1 602 489,080	26,753	26,292
29	47	97 196	58 769,561	1 542 589,116	26,248	25,787
30	48	97 013	57 649,547	1 483 819,555	25,739	25,277
31	49	96 804	56 535,959	1 426 170,009	25,226	24,765
32	50	96 575	55 432,306	1 369 634,050	24,708	24,247
33	51	96 335	54 343,489	1 314 201,744	24,183	23,722
34	52	96 058	53 255,401	1 259 858,255	23,657	23,196
35	53	95 760	52 177,171	1 206 602,855	23,125	22,664
36	54	95 438	51 107,071	1 154 425,684	22,588	22,127
37	55	95 080	50 039,941	1 103 318,613	22,049	21,588
38	56	94 679	48 971,664	1 053 278,671	21,508	21,047
39	57	94 239	47 906,039	1 004 307,008	20,964	20,503
40	58	93 765	46 845,104	956 400,968	20,416	19,955
41	59	93 242	45 782,433	909 555,864	19,867	19,406
42	60	92 679	44 723,526	863 773,432	19,314	18,852
43	61	92 057	43 659,430	819 049,906	18,760	18,299
44	62	91 393	42 598,866	775 390,476	18,202	17,741
45	63	90 669	41 534,568	732 791,610	17,643	17,182
46	64	89 881	40 465,307	691 257,043	17,083	16,622
47	65	89 015	39 386,145	650 791,735	16,523	16,062
48	66	88 096	38 309,288	611 405,591	15,960	15,499
49	67	87 092	37 221,403	573 096,303	15,397	14,936
50	68	86 010	36 126,699	535 874,899	14,833	14,372
51	69	84 827	35 016,976	499 748,200	14,272	13,810
52	70	83 536	33 891,139	464 731,224	13,712	13,251
53	71	82 142	32 752,419	430 840,085	13,154	12,693
54	72	80 636	31 598,928	398 087,666	12,598	12,137
55	73	79 020	30 432,762	366 488,738	12,043	11,581
56	74	77 263	29 244,413	336 055,976	11,491	11,030
57	75	75 384	28 042,647	306 811,563	10,941	10,480
58	76	73 392	26 832,123	278 768,915	10,389	9,928
59	77	71 224	25 591,477	251 936,793	9,845	9,383
60	78	68 908	24 333,384	226 345,315	9,302	8,841
61	79	66 357	23 029,798	202 011,931	8,772	8,311
62	80	63 577	21 685,448	178 982,133	8,254	7,792
63	81	60 528	20 290,176	157 296,686	7,752	7,291
64	82	57 193	18 842,481	137 006,509	7,271	6,810
65	83	53 594	17 353,089	118 164,028	6,809	6,348
66	84	49 775	15 839,354	100 810,939	6,365	5,903
67	85	45 759	14 310,883	84 971,585	5,938	5,476
68	86	41 514	12 760,231	70 660,702	5,538	5,076
69	87	37 168	11 227,900	57 900,471	5,157	4,696
70	88	32 748	9 722,356	46 672,571	4,801	4,339
71	89	28 361	8 275,156	36 950,214	4,465	4,004
72	90	24 079	6 905,050	28 675,058	4,153	3,692
73	91	19 991	5 633,988	21 770,009	3,864	3,403
74	92	16 161	4 476,394	16 136,021	3,605	3,143
75	93	12 723	3 463,394	11 659,627	3,367	2,905
76	94	9 726	2 601,987	8 196,233	3,150	2,689
77	95	7 209	1 895,469	5 594,246	2,951	2,490
78	96	5 167	1 335,331	3 698,777	2,770	2,309
79	97	3 523	894,857	2 363,447	2,641	2,180
80	98	2 345	585,377	1 468,590	2,509	2,048
81	99	1 520	372,873	883,213	2,369	1,907
82	100	943	227,296	510,340	2,245	1,784

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 507	99 507,349	3 782 940,186	38,017	37,555
1	20	99 136	97 430,513	3 683 432,837	37,806	37,345
2	21	99 090	95 710,637	3 586 002,324	37,467	37,006
3	22	99 058	94 034,316	3 490 291,687	37,117	36,656
4	23	99 031	92 391,905	3 396 257,371	36,759	36,298
5	24	99 003	90 776,842	3 303 865,466	36,395	35,934
6	25	98 975	89 190,556	3 213 088,624	36,025	35,564
7	26	98 947	87 631,924	3 123 898,069	35,648	35,187
8	27	98 920	86 101,116	3 036 266,144	35,264	34,803
9	28	98 890	84 594,817	2 950 165,029	34,874	34,413
10	29	98 859	83 113,628	2 865 570,211	34,478	34,017
11	30	98 826	81 656,547	2 782 456,584	34,075	33,614
12	31	98 787	80 220,475	2 700 800,037	33,667	33,206
13	32	98 749	78 810,580	2 620 579,561	33,252	32,790
14	33	98 706	77 421,153	2 541 768,981	32,830	32,369
15	34	98 657	76 051,849	2 464 347,828	32,404	31,942
16	35	98 601	74 701,542	2 388 295,979	31,971	31,510
17	36	98 536	73 368,331	2 313 594,437	31,534	31,073
18	37	98 463	72 053,604	2 240 226,107	31,091	30,630
19	38	98 379	70 753,619	2 168 172,502	30,644	30,183
20	39	98 281	69 467,142	2 097 418,884	30,193	29,732
21	40	98 179	68 201,869	2 027 951,742	29,735	29,273
22	41	98 072	66 955,757	1 959 749,872	29,269	28,808
23	42	97 955	65 725,641	1 892 794,115	28,798	28,337
24	43	97 837	64 517,518	1 827 068,474	28,319	27,858
25	44	97 702	63 320,219	1 762 550,956	27,836	27,374
26	45	97 564	62 143,548	1 699 230,737	27,344	26,882
27	46	97 407	60 976,375	1 637 087,189	26,848	26,387
28	47	97 244	59 827,035	1 576 110,815	26,344	25,883
29	48	97 063	58 689,029	1 516 283,779	25,836	25,375
30	49	96 858	57 557,650	1 457 594,751	25,324	24,863
31	50	96 634	56 437,130	1 400 037,100	24,807	24,346
32	51	96 396	55 329,579	1 343 599,971	24,284	23,822
33	52	96 128	54 227,047	1 288 270,392	23,757	23,296
34	53	95 834	53 131,158	1 234 043,345	23,226	22,765
35	54	95 514	52 043,197	1 180 912,187	22,691	22,230
36	55	95 162	50 959,438	1 128 868,990	22,152	21,691
37	56	94 772	49 877,539	1 077 909,552	21,611	21,150
38	57	94 340	48 796,494	1 028 032,012	21,068	20,607
39	58	93 870	47 718,050	979 235,519	20,521	20,060
40	59	93 357	46 641,355	931 517,469	19,972	19,511
41	60	92 803	45 566,964	884 876,113	19,419	18,958
42	61	92 190	44 487,566	839 309,149	18,866	18,405
43	62	91 534	43 411,188	794 821,583	18,309	17,848
44	63	90 832	42 337,545	751 410,395	17,748	17,287
45	64	90 057	41 254,255	709 072,850	17,188	16,727
46	65	89 209	40 162,924	667 818,595	16,628	16,167
47	66	88 305	39 072,220	627 655,671	16,064	15,603
48	67	87 324	37 973,617	588 583,452	15,500	15,039
49	68	86 266	36 868,462	550 609,834	14,934	14,473
50	69	85 110	35 748,609	513 741,372	14,371	13,910
51	70	83 847	34 612,369	477 992,763	13,810	13,349
52	71	82 484	33 464,152	443 380,395	13,249	12,788
53	72	81 017	32 303,652	409 916,243	12,689	12,228
54	73	79 442	31 130,835	377 612,590	12,130	11,669
55	74	77 722	29 933,173	346 481,755	11,575	11,114
56	75	75 884	28 722,600	316 548,583	11,021	10,560
57	76	73 935	27 503,349	287 825,983	10,465	10,004
58	77	71 810	26 253,463	260 322,634	9,916	9,455
59	78	69 529	24 982,490	234 069,171	9,369	8,908
60	79	67 016	23 665,481	209 086,681	8,835	8,374
61	80	64 273	22 306,329	185 421,200	8,312	7,851
62	81	61 259	20 894,764	163 114,871	7,806	7,345
63	82	57 945	19 424,316	142 220,107	7,322	6,861
64	83	54 369	17 912,059	122 795,791	6,855	6,394
65	84	50 554	16 368,971	104 883,732	6,407	5,946
66	85	46 531	14 807,212	88 514,762	5,978	5,517
67	86	42 275	13 221,472	73 707,550	5,575	5,114
68	87	37 895	11 647,794	60 486,078	5,193	4,732
69	88	33 454	10 105,722	48 838,284	4,833	4,372
70	89	29 008	8 612,044	38 732,562	4,497	4,036
71	90	24 688	7 203,375	30 120,518	4,181	3,720
72	91	20 528	5 886,720	22 917,143	3,893	3,432
73	92	16 640	4 689,537	17 030,423	3,632	3,170
74	93	13 131	3 637,062	12 340,886	3,393	2,932
75	94	10 064	2 739,634	8 703,824	3,177	2,716
76	95	7 487	2 003,100	5 964,190	2,977	2,516
77	96	5 387	1 416,338	3 961,090	2,797	2,336
78	97	3 691	953,890	2 544,752	2,668	2,207
79	98	2 470	627,278	1 590,863	2,536	2,075
80	99	1 611	402,085	963,585	2,396	1,935
81	100	1 008	247,227	561,500	2,271	1,810

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 490	99 489,956	3 754 822,053	37,741	37,280
1	21	99 117	97 412,500	3 655 332,097	37,524	37,063
2	22	99 073	95 694,855	3 557 919,597	37,180	36,719
3	23	99 042	94 019,006	3 462 224,742	36,825	36,364
4	24	99 013	92 375,278	3 368 205,736	36,462	36,001
5	25	98 985	90 760,508	3 275 830,459	36,093	35,632
6	26	98 956	89 173,589	3 185 069,951	35,718	35,256
7	27	98 929	87 615,432	3 095 896,361	35,335	34,874
8	28	98 899	86 082,588	3 008 280,929	34,946	34,485
9	29	98 867	84 574,883	2 922 198,341	34,552	34,090
10	30	98 833	83 092,120	2 837 623,458	34,150	33,689
11	31	98 794	81 630,651	2 754 531,337	33,744	33,283
12	32	98 756	80 195,286	2 672 900,686	33,330	32,869
13	33	98 715	78 783,577	2 592 705,400	32,909	32,448
14	34	98 670	77 393,256	2 513 921,822	32,482	32,021
15	35	98 617	76 020,972	2 436 528,567	32,051	31,590
16	36	98 560	74 670,755	2 360 507,594	31,612	31,151
17	37	98 491	73 334,691	2 285 836,839	31,170	30,709
18	38	98 417	72 019,403	2 212 502,148	30,721	30,260
19	39	98 320	70 710,937	2 140 482,745	30,271	29,810
20	40	98 222	69 425,382	2 069 771,808	29,813	29,352
21	41	98 112	68 155,103	2 000 346,426	29,350	28,889
22	42	97 999	66 906,193	1 932 191,323	28,879	28,418
23	43	97 877	65 673,471	1 865 285,130	28,402	27,941
24	44	97 748	64 458,932	1 799 611,660	27,919	27,458
25	45	97 607	63 258,762	1 735 152,728	27,429	26,968
26	46	97 452	62 071,944	1 671 893,966	26,935	26,474
27	47	97 289	60 902,135	1 609 822,022	26,433	25,972
28	48	97 110	59 745,054	1 548 919,887	25,925	25,464
29	49	96 909	58 595,475	1 489 174,833	25,415	24,953
30	50	96 689	57 457,035	1 430 579,357	24,898	24,437
31	51	96 455	56 332,540	1 373 122,322	24,375	23,914
32	52	96 189	55 211,024	1 316 789,782	23,850	23,389
33	53	95 904	54 100,537	1 261 578,757	23,319	22,858
34	54	95 588	52 994,734	1 207 478,220	22,785	22,324
35	55	95 238	51 892,860	1 154 483,486	22,247	21,786
36	56	94 853	50 794,052	1 102 590,626	21,707	21,246
37	57	94 433	49 699,129	1 051 796,574	21,163	20,702
38	58	93 970	48 605,010	1 002 097,444	20,617	20,156
39	59	93 461	47 510,504	953 492,434	20,069	19,608
40	60	92 918	46 421,844	905 981,930	19,516	19,055
41	61	92 313	45 326,555	859 560,085	18,964	18,503
42	62	91 666	44 234,615	814 233,531	18,407	17,946
43	63	90 972	43 144,884	769 998,916	17,847	17,386
44	64	90 219	42 051,814	726 854,031	17,285	16,824
45	65	89 384	40 945,976	684 802,218	16,725	16,263
46	66	88 498	39 842,807	643 856,242	16,160	15,699
47	67	87 531	38 729,865	604 013,435	15,596	15,134
48	68	86 496	37 613,543	565 283,570	15,029	14,568
49	69	85 364	36 482,609	527 670,027	14,464	14,002
50	70	84 126	35 335,548	491 187,418	13,901	13,439
51	71	82 790	34 176,295	455 851,870	13,338	12,877
52	72	81 354	33 005,634	421 675,575	12,776	12,315
53	73	79 817	31 825,119	388 669,942	12,213	11,751
54	74	78 138	30 619,786	356 844,822	11,654	11,193
55	75	76 336	29 399,070	326 225,036	11,096	10,635
56	76	74 425	28 170,225	296 825,967	10,537	10,076
57	77	72 340	26 910,213	268 655,742	9,983	9,522
58	78	70 101	25 628,723	241 745,528	9,433	8,971
59	79	67 621	24 296,770	216 116,806	8,895	8,434
60	80	64 911	22 922,042	191 820,036	8,368	7,907
61	81	61 929	21 493,007	168 897,993	7,858	7,397
62	82	58 645	20 003,103	147 404,986	7,369	6,908
63	83	55 083	18 465,164	127 401,883	6,900	6,438
64	84	51 285	16 896,240	108 936,719	6,447	5,986
65	85	47 260	15 302,317	92 040,479	6,015	5,554
66	86	42 989	13 680,018	76 738,162	5,610	5,148
67	87	38 590	12 068,824	63 058,144	5,225	4,764
68	88	34 108	10 483,650	50 989,320	4,864	4,402
69	89	29 633	8 951,628	40 505,670	4,525	4,064
70	90	25 251	7 496,630	31 554,042	4,209	3,748
71	91	21 047	6 141,049	24 057,412	3,917	3,456
72	92	17 087	4 899,903	17 916,363	3,656	3,195
73	93	13 520	3 810,240	13 016,460	3,416	2,955
74	94	10 387	2 877,009	9 206,220	3,200	2,739
75	95	7 748	2 109,065	6 329,210	3,001	2,540
76	96	5 595	1 496,763	4 220,145	2,820	2,358
77	97	3 848	1 011,757	2 723,383	2,692	2,231
78	98	2 588	668,659	1 711,626	2,560	2,099
79	99	1 697	430,866	1 042,967	2,421	1,959
80	100	1 068	266,596	612,101	2,296	1,835

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 472	99 471,563	3 725 823,254	37,456	36,995
1	22	99 101	97 396,437	3 626 351,692	37,233	36,772
2	23	99 057	95 679,275	3 528 955,255	36,883	36,422
3	24	99 024	94 002,086	3 433 275,980	36,523	36,062
4	25	98 995	92 358,656	3 339 273,894	36,156	35,694
5	26	98 966	90 743,243	3 246 915,238	35,781	35,320
6	27	98 938	89 156,807	3 156 171,995	35,400	34,939
7	28	98 907	87 596,579	3 067 015,188	35,013	34,552
8	29	98 875	86 062,303	2 979 418,609	34,619	34,158
9	30	98 841	84 552,998	2 893 356,306	34,219	33,758
10	31	98 802	83 065,770	2 808 803,308	33,814	33,353
11	32	98 763	81 605,020	2 725 737,538	33,402	32,940
12	33	98 722	80 167,809	2 644 132,519	32,982	32,521
13	34	98 679	78 755,189	2 563 964,710	32,556	32,095
14	35	98 630	77 361,834	2 485 209,521	32,124	31,663
15	36	98 576	75 989,642	2 407 847,686	31,687	31,225
16	37	98 515	74 636,519	2 331 858,045	31,243	30,782
17	38	98 444	73 299,882	2 257 221,526	30,794	30,333
18	39	98 357	71 975,957	2 183 921,644	30,342	29,881
19	40	98 261	70 668,429	2 111 945,687	29,885	29,424
20	41	98 154	69 377,777	2 041 277,258	29,423	28,961
21	42	98 039	68 104,651	1 971 899,480	28,954	28,493
22	43	97 922	66 853,085	1 903 794,830	28,477	28,016
23	44	97 788	65 613,835	1 836 941,745	27,996	27,535
24	45	97 653	64 396,370	1 771 327,910	27,507	27,045
25	46	97 495	63 185,873	1 706 931,540	27,014	26,553
26	47	97 333	61 996,370	1 643 745,667	26,514	26,052
27	48	97 155	60 818,681	1 581 749,297	26,008	25,546
28	49	96 956	59 649,818	1 520 930,616	25,498	25,036
29	50	96 739	58 493,046	1 461 280,798	24,982	24,521
30	51	96 510	57 350,556	1 402 787,752	24,460	23,999
31	52	96 249	56 211,837	1 345 437,196	23,935	23,474
32	53	95 965	55 082,219	1 289 225,359	23,405	22,944
33	54	95 658	53 961,625	1 234 143,140	22,871	22,410
34	55	95 312	52 841,649	1 180 181,516	22,334	21,873
35	56	94 929	51 724,444	1 127 339,867	21,795	21,334
36	57	94 514	50 612,364	1 075 615,423	21,252	20,791
37	58	94 062	49 504,104	1 025 003,059	20,705	20,244
38	59	93 561	48 393,607	975 498,956	20,158	19,696
39	60	93 021	47 286,903	927 105,349	19,606	19,145
40	61	92 428	46 176,925	879 818,446	19,053	18,592
41	62	91 788	45 068,833	833 641,521	18,497	18,036
42	63	91 104	43 963,260	788 572,688	17,937	17,476
43	64	90 358	42 853,704	744 609,428	17,376	16,914
44	65	89 545	41 737,574	701 755,724	16,814	16,352
45	66	88 672	40 619,618	660 018,149	16,249	15,788
46	67	87 723	39 493,700	619 398,531	15,683	15,222
47	68	86 701	38 362,619	579 904,831	15,116	14,655
48	69	85 591	37 219,892	541 542,212	14,550	14,089
49	70	84 377	36 061,067	504 322,319	13,985	13,524
50	71	83 067	34 890,363	468 261,252	13,421	12,960
51	72	81 656	33 708,019	433 370,890	12,857	12,395
52	73	80 149	32 516,702	399 662,871	12,291	11,830
53	74	78 506	31 302,673	367 146,169	11,729	11,268
54	75	76 743	30 073,432	335 843,496	11,167	10,706
55	76	74 867	28 833,685	305 770,064	10,605	10,143
56	77	72 820	27 562,708	276 936,379	10,048	9,586
57	78	70 619	26 269,845	249 373,671	9,493	9,032
58	79	68 177	24 925,265	223 103,827	8,951	8,490
59	80	65 496	23 533,500	198 178,562	8,421	7,960
60	81	62 544	22 086,270	174 645,062	7,907	7,446
61	82	59 287	20 575,817	152 558,791	7,414	6,953
62	83	55 749	19 015,371	131 982,974	6,941	6,480
63	84	51 960	17 417,977	112 967,603	6,486	6,024
64	85	47 943	15 795,228	95 549,625	6,049	5,588
65	86	43 662	14 137,433	79 754,397	5,641	5,180
66	87	39 241	12 487,394	65 616,964	5,255	4,793
67	88	34 733	10 862,599	53 129,570	4,891	4,430
68	89	30 213	9 286,396	42 266,971	4,551	4,090
69	90	25 795	7 792,232	32 980,574	4,232	3,771
70	91	21 527	6 391,056	25 188,342	3,941	3,480
71	92	17 519	5 111,598	18 797,287	3,677	3,216
72	93	13 883	3 981,162	13 685,689	3,438	2,976
73	94	10 694	3 013,998	9 704,527	3,220	2,759
74	95	7 996	2 214,822	6 690,529	3,021	2,560
75	96	5 789	1 575,942	4 475,707	2,840	2,379
76	97	3 996	1 069,208	2 899,765	2,712	2,251
77	98	2 697	709,223	1 830,557	2,581	2,120
78	99	1 777	459,290	1 121,334	2,441	1,980
79	100	1 125	285,679	662,044	2,317	1,856

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 455	99 455,160	3 695 948,301	37,162	36,701
1	23	99 085	97 380,580	3 596 493,142	36,932	36,471
2	24	99 040	95 662,056	3 499 112,562	36,578	36,117
3	25	99 006	93 985,171	3 403 450,506	36,213	35,751
4	26	98 977	92 341,087	3 309 465,334	35,840	35,378
5	27	98 947	90 726,166	3 217 124,247	35,460	34,999
6	28	98 916	89 137,622	3 126 398,082	35,074	34,613
7	29	98 884	87 575,937	3 037 260,459	34,681	34,220
8	30	98 850	86 040,033	2 949 684,522	34,283	33,821
9	31	98 810	84 526,184	2 863 644,489	33,879	33,418
10	32	98 771	83 039,687	2 779 118,305	33,467	33,006
11	33	98 729	81 577,059	2 696 078,618	33,049	32,588
12	34	98 686	80 138,922	2 614 501,559	32,625	32,163
13	35	98 639	78 723,215	2 534 362,637	32,193	31,732
14	36	98 589	77 329,951	2 455 639,422	31,755	31,294
15	37	98 531	75 954,800	2 378 309,471	31,312	30,851
16	38	98 468	74 601,092	2 302 354,671	30,862	30,401
17	39	98 384	73 255,664	2 227 753,579	30,411	29,949
18	40	98 298	71 932,689	2 154 497,915	29,952	29,490
19	41	98 193	70 619,972	2 082 565,226	29,490	29,029
20	42	98 082	69 326,420	2 011 945,254	29,021	28,560
21	43	97 961	68 050,592	1 942 618,834	28,547	28,085
22	44	97 833	66 792,378	1 874 568,242	28,066	27,604
23	45	97 693	65 550,151	1 807 775,864	27,579	27,117
24	46	97 541	64 322,170	1 742 225,713	27,086	26,625
25	47	97 376	63 108,943	1 677 903,543	26,587	26,126
26	48	97 200	61 911,417	1 614 794,600	26,082	25,621
27	49	97 000	60 721,733	1 552 883,183	25,574	25,113
28	50	96 786	59 545,546	1 492 161,450	25,059	24,598
29	51	96 560	58 384,647	1 432 615,905	24,538	24,076
30	52	96 303	57 227,671	1 374 231,258	24,013	23,552
31	53	96 024	56 080,696	1 317 003,587	23,484	23,023
32	54	95 719	54 940,786	1 260 922,890	22,951	22,489
33	55	95 382	53 805,746	1 205 982,104	22,414	21,952
34	56	95 002	52 670,154	1 152 176,358	21,875	21,414
35	57	94 590	51 539,428	1 099 506,205	21,333	20,872
36	58	94 143	50 413,754	1 047 966,777	20,787	20,326
37	59	93 653	49 288,790	997 553,023	20,239	19,778
38	60	93 121	48 165,849	948 264,233	19,687	19,226
39	61	92 531	47 037,419	900 098,384	19,136	18,675
40	62	91 902	45 914,368	853 060,964	18,579	18,118
41	63	91 225	44 792,361	807 146,596	18,020	17,559
42	64	90 489	43 666,557	762 354,235	17,459	16,997
43	65	89 683	42 533,472	718 687,678	16,897	16,436
44	66	88 831	41 404,907	676 154,206	16,330	15,869
45	67	87 895	40 263,704	634 749,299	15,765	15,304
46	68	86 891	39 119,212	594 485,594	15,197	14,736
47	69	85 794	37 961,129	555 366,382	14,630	14,169
48	70	84 602	36 789,831	517 405,253	14,064	13,603
49	71	83 314	35 606,741	480 615,422	13,498	13,037
50	72	81 928	34 412,303	445 008,681	12,932	12,470
51	73	80 446	33 208,682	410 596,378	12,364	11,903
52	74	78 833	31 982,902	377 387,696	11,800	11,338
53	75	77 106	30 744,134	345 404,794	11,235	10,774
54	76	75 268	29 495,078	314 660,659	10,668	10,207
55	77	73 253	28 211,860	285 165,581	10,108	9,647
56	78	71 087	26 906,812	256 953,721	9,550	9,089
57	79	68 680	25 548,789	230 046,909	9,004	8,543
58	80	66 035	24 142,251	204 498,120	8,471	8,009
59	81	63 108	22 675,433	180 355,869	7,954	7,493
60	82	59 875	21 143,764	157 680,435	7,458	6,996
61	83	56 359	19 559,805	136 536,672	6,980	6,519
62	84	52 588	17 936,982	116 976,867	6,522	6,060
63	85	48 574	16 282,967	99 039,885	6,082	5,621
64	86	44 294	14 592,822	82 756,917	5,671	5,210
65	87	39 856	12 904,932	68 164,096	5,282	4,821
66	88	35 319	11 239,335	55 259,164	4,917	4,455
67	89	30 766	9 622,069	44 019,828	4,575	4,114
68	90	26 299	8 083,641	34 397,760	4,255	3,794
69	91	21 991	6 643,064	26 314,118	3,961	3,500
70	92	17 918	5 319,695	19 671,054	3,698	3,237
71	93	14 234	4 153,164	14 351,360	3,456	2,994
72	94	10 982	3 149,202	10 198,196	3,238	2,777
73	95	8 233	2 320,281	7 048,994	3,038	2,577
74	96	5 975	1 654,966	4 728,714	2,857	2,396
75	97	4 136	1 125,770	3 073,748	2,730	2,269
76	98	2 801	749,495	1 947,978	2,599	2,138
77	99	1 853	487,152	1 198,483	2,460	1,999
78	100	1 178	304,525	711,331	2,336	1,875

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 439	99 438,968	3 665 198,331	36,859	36,398
1	24	99 067	97 363,055	3 565 759,364	36,623	36,162
2	25	99 022	95 644,843	3 468 396,309	36,263	35,802
3	26	98 987	93 967,293	3 372 751,466	35,893	35,432
4	27	98 958	92 323,709	3 278 784,173	35,514	35,053
5	28	98 926	90 706,643	3 186 460,464	35,129	34,668
6	29	98 893	89 116,618	3 095 753,821	34,738	34,277
7	30	98 858	87 553,275	3 006 637,203	34,341	33,879
8	31	98 818	86 012,747	2 919 083,928	33,938	33,477
9	32	98 779	84 499,643	2 833 071,181	33,528	33,066
10	33	98 737	83 011,235	2 748 571,538	33,111	32,650
11	34	98 694	81 547,664	2 665 560,303	32,687	32,226
12	35	98 646	80 106,386	2 584 012,639	32,257	31,796
13	36	98 599	78 690,771	2 503 906,253	31,820	31,358
14	37	98 544	77 294,496	2 425 215,482	31,376	30,915
15	38	98 484	75 918,747	2 347 920,987	30,927	30,466
16	39	98 409	74 556,088	2 272 002,239	30,474	30,013
17	40	98 325	73 211,626	2 197 446,151	30,015	29,554
18	41	98 231	71 883,365	2 124 234,525	29,551	29,090
19	42	98 121	70 567,695	2 052 351,159	29,083	28,622
20	43	98 004	69 271,391	1 981 783,465	28,609	28,148
21	44	97 872	67 988,798	1 912 512,073	28,130	27,669
22	45	97 738	66 727,551	1 844 523,276	27,643	27,181
23	46	97 581	65 474,622	1 777 795,725	27,152	26,691
24	47	97 422	64 243,857	1 712 321,102	26,653	26,192
25	48	97 242	63 022,465	1 648 077,246	26,151	25,689
26	49	97 045	61 812,727	1 585 054,781	25,643	25,182
27	50	96 831	60 615,587	1 523 242,054	25,130	24,668
28	51	96 607	59 435,196	1 462 626,467	24,609	24,148
29	52	96 353	58 259,546	1 403 191,272	24,085	23,624
30	53	96 078	57 094,161	1 344 931,725	23,556	23,095
31	54	95 778	55 936,700	1 287 837,564	23,023	22,562
32	55	95 442	54 782,079	1 231 900,865	22,487	22,026
33	56	95 072	53 631,122	1 177 118,786	21,948	21,487
34	57	94 663	52 481,755	1 123 487,664	21,407	20,946
35	58	94 219	51 337,180	1 071 005,909	20,862	20,401
36	59	93 734	50 194,484	1 019 668,729	20,314	19,853
37	60	93 212	49 056,819	969 474,245	19,762	19,301
38	61	92 630	47 911,728	920 417,426	19,211	18,749
39	62	92 005	46 769,970	872 505,698	18,655	18,194
40	63	91 338	45 632,709	825 735,728	18,095	17,634
41	64	90 610	44 490,062	780 103,019	17,534	17,073
42	65	89 813	43 340,251	735 612,956	16,973	16,512
43	66	88 968	42 194,462	692 272,705	16,407	15,946
44	67	88 053	41 042,113	650 078,243	15,839	15,378
45	68	87 061	39 881,915	609 036,131	15,271	14,810
46	69	85 981	38 709,803	569 154,215	14,703	14,242
47	70	84 803	37 522,503	530 444,412	14,137	13,675
48	71	83 536	36 326,324	492 921,909	13,569	13,108
49	72	82 173	35 118,865	456 595,585	13,001	12,540
50	73	80 715	33 902,533	421 476,720	12,432	11,971
51	74	79 126	32 663,523	387 574,186	11,866	11,404
52	75	77 426	31 412,226	354 910,663	11,298	10,837
53	76	75 623	30 152,882	323 498,438	10,729	10,267
54	77	73 644	28 858,989	293 345,555	10,165	9,704
55	78	71 510	27 540,517	264 486,566	9,604	9,142
56	79	69 136	26 168,273	236 946,050	9,055	8,594
57	80	66 523	24 746,188	210 777,776	8,518	8,056
58	81	63 627	23 261,989	186 031,589	7,997	7,536
59	82	60 415	21 707,785	162 769,600	7,498	7,037
60	83	56 919	20 099,707	141 061,815	7,018	6,557
61	84	53 163	18 450,540	120 962,108	6,556	6,095
62	85	49 161	16 768,152	102 511,568	6,113	5,652
63	86	44 876	15 043,432	85 743,416	5,700	5,239
64	87	40 432	13 320,620	70 699,984	5,308	4,846
65	88	35 873	11 615,142	57 379,365	4,940	4,479
66	89	31 286	9 955,781	45 764,223	4,597	4,136
67	90	26 781	8 375,838	35 808,442	4,275	3,814
68	91	22 421	6 891,497	27 432,603	3,981	3,519
69	92	18 304	5 529,457	20 541,106	3,715	3,254
70	93	14 559	4 322,242	15 011,649	3,473	3,012
71	94	11 259	3 285,259	10 689,407	3,254	2,793
72	95	8 454	2 424,365	7 404,147	3,054	2,593
73	96	6 152	1 733,767	4 979,782	2,872	2,411
74	97	4 268	1 182,220	3 246,015	2,746	2,284
75	98	2 899	789,144	2 063,795	2,615	2,154
76	99	1 924	514,815	1 274,651	2,476	2,015
77	100	1 228	322,999	759,837	2,352	1,891

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 421	99 421,072	3 633 575,948	36,547	36,086
1	25	99 049	97 345,535	3 534 154,875	36,305	35,844
2	26	99 003	95 626,649	3 436 809,340	35,940	35,479
3	27	98 969	93 949,609	3 341 182,691	35,564	35,102
4	28	98 937	92 303,842	3 247 233,082	35,180	34,719
5	29	98 903	90 685,268	3 154 929,240	34,790	34,329
6	30	98 867	89 093,557	3 064 243,971	34,394	33,932
7	31	98 827	87 525,510	2 975 150,414	33,992	33,531
8	32	98 787	85 985,740	2 887 624,905	33,583	33,121
9	33	98 745	84 470,690	2 801 639,165	33,167	32,706
10	34	98 702	82 981,323	2 717 168,475	32,744	32,283
11	35	98 654	81 514,556	2 634 187,151	32,316	31,854
12	36	98 605	80 073,371	2 552 672,595	31,879	31,418
13	37	98 554	78 654,691	2 472 599,224	31,436	30,975
14	38	98 497	77 257,807	2 393 944,533	30,986	30,525
15	39	98 425	75 872,950	2 316 686,726	30,534	30,073
16	40	98 350	74 511,269	2 240 813,776	30,073	29,612
17	41	98 258	73 161,425	2 166 302,507	29,610	29,149
18	42	98 158	71 830,153	2 093 141,082	29,140	28,679
19	43	98 043	70 511,681	2 021 310,929	28,666	28,205
20	44	97 915	69 208,488	1 950 799,248	28,187	27,726
21	45	97 777	67 922,809	1 881 590,760	27,702	27,241
22	46	97 625	66 650,665	1 813 667,950	27,212	26,750
23	47	97 462	65 394,906	1 747 017,285	26,715	26,254
24	48	97 289	64 155,823	1 681 622,379	26,212	25,750
25	49	97 087	62 922,004	1 617 466,556	25,706	25,245
26	50	96 875	61 704,674	1 554 544,552	25,193	24,732
27	51	96 651	60 503,254	1 492 839,878	24,674	24,213
28	52	96 400	59 307,844	1 432 336,624	24,151	23,690
29	53	96 128	58 123,629	1 373 028,780	23,623	23,161
30	54	95 831	56 947,562	1 314 905,151	23,090	22,629
31	55	95 501	55 775,115	1 257 957,590	22,554	22,093
32	56	95 132	54 604,286	1 202 182,474	22,016	21,555
33	57	94 732	53 439,286	1 147 578,188	21,474	21,013
34	58	94 291	52 275,809	1 094 138,902	20,930	20,469
35	59	93 809	51 113,894	1 041 863,093	20,383	19,922
36	60	93 292	49 958,251	990 749,199	19,832	19,370
37	61	92 720	48 797,997	940 790,948	19,279	18,818
38	62	92 103	47 639,308	891 992,951	18,724	18,263
39	63	91 440	46 483,062	844 353,643	18,165	17,704
40	64	90 722	45 324,739	797 870,581	17,603	17,142
41	65	89 932	44 157,603	752 545,842	17,042	16,581
42	66	89 097	42 994,810	708 388,240	16,476	16,015
43	67	88 189	41 824,749	665 393,429	15,909	15,448
44	68	87 218	40 652,943	623 568,680	15,339	14,878
45	69	86 150	39 464,524	582 915,738	14,771	14,309
46	70	84 988	38 262,527	543 451,213	14,203	13,742
47	71	83 734	37 049,765	505 188,686	13,635	13,174
48	72	82 391	35 828,589	468 138,921	13,066	12,605
49	73	80 955	34 598,629	432 310,333	12,495	12,034
50	74	79 390	33 345,984	397 711,704	11,927	11,466
51	75	77 714	32 080,702	364 365,720	11,358	10,897
52	76	75 937	30 808,125	332 285,018	10,786	10,324
53	77	73 992	29 502,607	301 476,893	10,219	9,757
54	78	71 892	28 172,247	271 974,286	9,654	9,193
55	79	69 547	26 784,584	243 802,039	9,102	8,641
56	80	66 964	25 346,211	217 017,455	8,562	8,101
57	81	64 097	23 843,905	191 671,244	8,039	7,577
58	82	60 912	22 269,310	167 827,339	7,536	7,075
59	83	57 432	20 635,877	145 558,030	7,054	6,592
60	84	53 691	18 959,823	124 922,152	6,589	6,128
61	85	49 699	17 248,245	105 962,329	6,143	5,682
62	86	45 418	15 491,682	88 714,084	5,727	5,265
63	87	40 964	13 731,946	73 222,402	5,332	4,871
64	88	36 391	11 989,284	59 490,457	4,962	4,501
65	89	31 776	10 288,670	47 501,173	4,617	4,156
66	90	27 234	8 666,329	37 212,503	4,294	3,833
67	91	22 832	7 140,602	28 546,175	3,998	3,537
68	92	18 662	5 736,245	21 405,572	3,732	3,270
69	93	14 872	4 492,674	15 669,328	3,488	3,027
70	94	11 516	3 419,005	11 176,653	3,269	2,808
71	95	8 668	2 529,107	7 757,649	3,067	2,606
72	96	6 317	1 811,541	5 228,542	2,886	2,425
73	97	4 395	1 238,511	3 417,000	2,759	2,298
74	98	2 992	828,714	2 178,489	2,629	2,168
75	99	1 991	542,048	1 349,775	2,490	2,029
76	100	1 276	341,340	807,726	2,366	1,905

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 403	99 403,183	3 601 085,425	36,227	35,766
1	26	99 030	97 327,018	3 501 682,242	35,979	35,517
2	27	98 984	95 608,652	3 404 355,224	35,607	35,146
3	28	98 947	93 929,392	3 308 746,572	35,226	34,765
4	29	98 913	92 282,092	3 214 817,179	34,837	34,376
5	30	98 877	90 661,802	3 122 535,087	34,442	33,980
6	31	98 836	89 065,303	3 031 873,286	34,041	33,580
7	32	98 796	87 498,027	2 942 807,983	33,633	33,172
8	33	98 754	85 956,278	2 855 309,956	33,218	32,757
9	34	98 710	84 440,253	2 769 353,678	32,797	32,335
10	35	98 662	82 947,633	2 684 913,425	32,369	31,908
11	36	98 613	81 480,962	2 601 965,792	31,933	31,472
12	37	98 560	80 036,658	2 520 484,830	31,492	31,030
13	38	98 507	78 617,356	2 440 448,172	31,042	30,581
14	39	98 438	77 211,201	2 361 830,815	30,589	30,128
15	40	98 365	75 827,339	2 284 619,615	30,129	29,668
16	41	98 282	74 460,177	2 208 792,276	29,664	29,203
17	42	98 185	73 107,267	2 134 332,098	29,195	28,733
18	43	98 080	71 773,137	2 061 224,832	28,719	28,257
19	44	97 954	70 447,652	1 989 451,694	28,240	27,779
20	45	97 820	69 141,316	1 919 004,043	27,755	27,294
21	46	97 665	67 844,546	1 849 862,727	27,266	26,805
22	47	97 506	66 569,517	1 782 018,181	26,769	26,308
23	48	97 328	65 305,295	1 715 448,664	26,268	25,807
24	49	97 134	64 053,556	1 650 143,368	25,762	25,301
25	50	96 918	62 812,012	1 586 089,813	25,251	24,790
26	51	96 696	61 590,322	1 523 277,801	24,732	24,271
27	52	96 444	60 373,614	1 461 687,479	24,211	23,749
28	53	96 175	59 169,481	1 401 313,865	23,683	23,222
29	54	95 881	57 974,386	1 342 144,384	23,151	22,689
30	55	95 555	56 783,058	1 284 169,997	22,615	22,154
31	56	95 191	55 594,100	1 227 386,940	22,078	21,616
32	57	94 792	54 408,969	1 171 792,840	21,537	21,076
33	58	94 360	53 229,583	1 117 383,871	20,992	20,531
34	59	93 881	52 048,440	1 064 154,288	20,445	19,984
35	60	93 367	50 873,334	1 012 105,847	19,895	19,433
36	61	92 800	49 694,673	961 232,514	19,343	18,882
37	62	92 193	48 520,538	911 537,841	18,787	18,325
38	63	91 538	47 347,067	863 017,303	18,227	17,766
39	64	90 823	46 169,353	815 670,236	17,667	17,206
40	65	90 044	44 986,042	769 500,883	17,105	16,644
41	66	89 216	43 805,647	724 514,841	16,539	16,078
42	67	88 316	42 618,085	680 709,194	15,972	15,511
43	68	87 353	41 428,158	638 091,109	15,402	14,941
44	69	86 305	40 227,482	596 662,952	14,832	14,371
45	70	85 155	39 008,527	556 435,469	14,264	13,803
46	71	83 917	37 780,466	517 426,942	13,696	13,234
47	72	82 587	36 542,117	479 646,476	13,126	12,665
48	73	81 171	35 297,839	443 104,359	12,553	12,092
49	74	79 626	34 030,652	407 806,520	11,984	11,522
50	75	77 973	32 750,986	373 775,868	11,413	10,951
51	76	76 219	31 463,746	341 024,883	10,839	10,377
52	77	74 300	30 143,719	309 561,137	10,270	9,808
53	78	72 231	28 800,548	279 417,417	9,702	9,241
54	79	69 919	27 398,974	250 616,869	9,147	8,686
55	80	67 362	25 943,160	223 217,894	8,604	8,143
56	81	64 522	24 422,050	197 274,734	8,078	7,617
57	82	61 362	22 826,393	172 852,684	7,572	7,111
58	83	57 904	21 169,675	150 026,291	7,087	6,626
59	84	54 175	19 465,587	128 856,616	6,620	6,159
60	85	50 192	17 724,342	109 391,029	6,172	5,711
61	86	45 915	15 935,228	91 666,688	5,752	5,291
62	87	41 459	14 141,117	75 731,460	5,355	4,894
63	88	36 870	12 359,500	61 590,342	4,983	4,522
64	89	32 235	10 620,084	49 230,843	4,636	4,174
65	90	27 660	8 956,102	38 610,759	4,311	3,850
66	91	23 217	7 388,252	29 654,657	4,014	3,553
67	92	19 004	5 943,591	22 266,405	3,746	3,285
68	93	15 163	4 660,688	16 322,814	3,502	3,041
69	94	11 764	3 553,821	11 662,125	3,282	2,820
70	95	8 866	2 632,069	8 108,304	3,081	2,619
71	96	6 477	1 889,807	5 476,235	2,898	2,437
72	97	4 513	1 294,069	3 586,429	2,771	2,310
73	98	3 080	868,174	2 292,359	2,640	2,179
74	99	2 055	569,229	1 424,186	2,502	2,041
75	100	1 320	359,397	854,957	2,379	1,918

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1	0	99 644	97 929,999	4 055 522,756	41,412	40,951
2	1	99 317	95 929,924	3 957 592,758	41,255	40,794
3	2	99 277	94 241,933	3 861 662,834	40,976	40,515
4	3	99 254	92 599,470	3 767 420,901	40,685	40,224
5	4	99 233	90 987,770	3 674 821,431	40,388	39,927
6	5	99 213	89 405,331	3 583 833,661	40,085	39,624
7	6	99 195	87 851,833	3 494 428,330	39,776	39,315
8	7	99 178	86 325,794	3 406 576,497	39,462	39,001
9	8	99 165	84 829,878	3 320 250,703	39,140	38,679
10	9	99 150	83 358,408	3 235 420,825	38,813	38,352
11	10	99 136	81 913,223	3 152 062,417	38,481	38,019
12	11	99 123	80 493,457	3 070 149,194	38,142	37,680
13	12	99 108	79 097,485	2 989 655,737	37,797	37,336
14	13	99 091	77 723,529	2 910 558,252	37,448	36,986
15	14	99 068	76 369,202	2 832 834,723	37,094	36,633
16	15	99 043	75 036,808	2 756 465,521	36,735	36,274
17	16	99 007	73 719,029	2 681 428,713	36,374	35,912
18	17	98 965	72 420,562	2 607 709,684	36,008	35,547
19	18	98 914	71 138,040	2 535 289,122	35,639	35,178
20	19	98 855	69 872,964	2 464 151,082	35,266	34,805
21	20	98 795	68 629,565	2 394 278,118	34,887	34,426
22	21	98 736	67 409,405	2 325 648,554	34,500	34,039
23	22	98 675	66 209,054	2 258 239,149	34,108	33,647
24	23	98 619	65 033,085	2 192 030,095	33,706	33,245
25	24	98 554	63 872,733	2 126 997,010	33,301	32,839
26	25	98 493	62 735,404	2 063 124,277	32,886	32,425
27	26	98 430	61 616,402	2 000 388,873	32,465	32,004
28	27	98 366	60 517,302	1 938 772,471	32,037	31,575
29	28	98 297	59 434,834	1 878 255,170	31,602	31,141
30	29	98 222	58 368,385	1 818 820,335	31,161	30,700
31	30	98 142	57 317,466	1 760 451,950	30,714	30,253
32	31	98 050	56 279,116	1 703 134,484	30,262	29,801
33	32	97 957	55 258,746	1 646 855,368	29,803	29,341
34	33	97 852	54 250,020	1 591 596,622	29,338	28,877
35	34	97 742	53 256,746	1 537 346,602	28,867	28,405
36	35	97 623	52 277,559	1 484 089,856	28,389	27,927
37	36	97 499	51 313,122	1 431 812,297	27,903	27,442
38	37	97 359	50 358,073	1 380 499,176	27,414	26,952
39	38	97 209	49 415,655	1 330 141,103	26,917	26,456
40	39	97 042	48 482,389	1 280 725,447	26,416	25,955
41	40	96 864	47 560,955	1 232 243,058	25,909	25,448
42	41	96 668	46 648,599	1 184 682,103	25,396	24,935
43	42	96 458	45 746,346	1 138 033,504	24,877	24,416
44	43	96 233	44 854,696	1 092 287,158	24,352	23,890
45	44	95 972	43 964,019	1 047 432,463	23,825	23,364
46	45	95 691	43 081,395	1 003 468,444	23,292	22,831
47	46	95 373	42 199,491	960 387,048	22,758	22,297
48	47	95 031	41 325,120	918 187,557	22,219	21,757
49	48	94 649	40 451,011	876 862,437	21,677	21,216
50	49	94 217	39 573,986	836 411,426	21,135	20,674
51	50	93 740	38 696,301	796 837,440	20,592	20,131
52	51	93 220	37 819,755	758 141,139	20,046	19,585
53	52	92 635	36 936,072	720 321,384	19,502	19,041
54	53	91 985	36 045,998	683 385,312	18,959	18,497
55	54	91 261	35 147,229	647 339,314	18,418	17,957
56	55	90 459	34 239,302	612 192,085	17,880	17,419
57	56	89 572	33 320,260	577 952,783	17,345	16,884
58	57	88 597	32 390,795	544 632,523	16,814	16,353
59	58	87 529	31 450,154	512 241,728	16,287	15,826
60	59	86 370	30 499,767	480 791,574	15,764	15,303
61	60	85 118	29 540,820	450 291,807	15,243	14,782
62	61	83 753	28 567,053	420 750,987	14,729	14,267
63	62	82 282	27 582,740	392 183,933	14,218	13,757
64	63	80 716	26 592,392	364 601,193	13,711	13,250
65	64	79 029	25 588,672	338 008,801	13,209	12,748
66	65	77 229	24 575,724	312 420,129	12,713	12,251
67	66	75 341	23 562,647	287 844,405	12,216	11,755
68	67	73 337	22 541,391	264 281,759	11,724	11,263
69	68	71 248	21 522,753	241 740,368	11,232	10,771
70	69	69 015	20 489,571	220 217,615	10,748	10,287
71	70	66 696	19 460,569	199 728,043	10,263	9,802
72	71	64 233	18 419,590	180 267,475	9,787	9,326
73	72	61 694	17 387,244	161 847,884	9,308	8,847
74	73	59 033	16 351,118	144 460,641	8,835	8,374
75	74	56 259	15 314,754	128 109,522	8,365	7,904
76	75	53 397	14 285,768	112 794,769	7,896	7,434
77	76	50 424	13 258,185	98 509,001	7,430	6,969
78	77	47 328	12 230,313	85 250,816	6,970	6,509
79	78	44 101	11 200,395	73 020,503	6,519	6,058
80	79	40 726	10 165,332	61 820,108	6,081	5,620
81	80	37 221	9 130,668	51 654,775	5,657	5,196
82	81	33 550	8 088,470	42 524,107	5,257	4,796
83	82	29 784	7 057,210	34 435,638	4,879	4,418
84	83	26 007	6 056,227	27 378,428	4,521	4,060
85	84	22 275	5 098,016	21 322,201	4,182	3,721
86	85	18 644	4 193,539	16 224,185	3,869	3,408
87	86	15 197	3 359,480	12 030,646	3,581	3,120
88	87	12 040	2 615,715	8 671,166	3,315	2,854
89	88	9 225	1 969,725	6 055,451	3,074	2,613
90	89	6 822	1 431,640	4 085,727	2,854	2,393
91	90	4 860	1 002,408	2 654,087	2,648	2,187
92	91	3 319	672,677	1 651,679	2,455	1,994
93	92	2 140	426,262	979,002	2,297	1,836
94	93	1 315	257,525	552,740	2,146	1,685
95	94	760	146,147	295,215	2,020	1,559
96	95	415	78,494	149,068	1,899	1,438
97	96	210	39,061	70,575	1,807	1,346
98	97	100	18,193	31,514	1,732	1,271
99	98	45	8,011	13,321	1,663	1,202
100	99	19	3,332	5,310	1,594	1,132

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 616	96 219,095	3 967 363,722	41,233	40,771
3	1	99 301	94 265,305	3 871 144,627	41,066	40,605
4	2	99 266	92 610,974	3 776 879,322	40,782	40,321
5	3	99 243	90 997,155	3 684 268,347	40,488	40,027
6	4	99 223	89 413,887	3 593 271,193	40,187	39,726
7	5	99 204	87 859,660	3 503 857,306	39,880	39,419
8	6	99 187	86 333,431	3 415 997,646	39,567	39,106
9	7	99 170	84 833,819	3 329 664,216	39,249	38,788
10	8	99 157	83 364,217	3 244 830,397	38,924	38,462
11	9	99 142	81 918,234	3 161 466,179	38,593	38,132
12	10	99 129	80 498,165	3 079 547,945	38,256	37,795
13	11	99 116	79 103,602	2 999 049,780	37,913	37,452
14	12	99 099	77 729,633	2 919 946,178	37,565	37,104
15	13	99 078	76 376,398	2 842 216,545	37,213	36,752
16	14	99 052	75 043,728	2 765 840,148	36,856	36,395
17	15	99 019	73 727,999	2 690 796,420	36,496	36,035
18	16	98 980	72 431,228	2 617 068,421	36,132	35,671
19	17	98 927	71 147,727	2 544 637,193	35,766	35,304
20	18	98 874	69 886,732	2 473 489,466	35,393	34,932
21	19	98 812	68 641,563	2 403 602,733	35,017	34,556
22	20	98 755	67 421,869	2 334 961,171	34,632	34,171
23	21	98 692	66 219,974	2 267 539,301	34,243	33,781
24	22	98 635	65 043,675	2 201 319,327	33,844	33,383
25	23	98 572	63 884,229	2 136 275,653	33,440	32,979
26	24	98 511	62 746,694	2 072 391,423	33,028	32,567
27	25	98 448	61 628,125	2 009 644,729	32,609	32,148
28	26	98 384	60 528,693	1 948 016,604	32,183	31,722
29	27	98 318	59 447,626	1 887 487,911	31,750	31,289
30	28	98 245	58 382,142	1 828 040,284	31,312	30,850
31	29	98 167	57 332,302	1 769 658,142	30,867	30,405
32	30	98 081	56 296,969	1 712 325,840	30,416	29,955
33	31	97 988	55 276,103	1 656 028,870	29,959	29,498
34	32	97 886	54 268,614	1 600 752,768	29,497	29,036
35	33	97 777	53 275,943	1 546 484,154	29,028	28,567
36	34	97 663	52 298,792	1 493 208,211	28,551	28,090
37	35	97 540	51 334,278	1 440 909,419	28,069	27,608
38	36	97 404	50 381,173	1 389 575,141	27,581	27,120
39	37	97 255	49 439,122	1 339 193,968	27,088	26,627
40	38	97 101	48 511,654	1 289 754,846	26,586	26,125
41	39	96 922	47 589,563	1 241 243,192	26,082	25,621
42	40	96 735	46 680,608	1 193 653,629	25,571	25,109
43	41	96 529	45 780,235	1 146 973,021	25,054	24,593
44	42	96 309	44 890,328	1 101 192,786	24,531	24,070
45	43	96 060	44 003,977	1 056 302,458	24,005	23,543
46	44	95 784	43 123,250	1 012 298,481	23,475	23,013
47	45	95 483	42 248,171	969 175,231	22,940	22,479
48	46	95 147	41 375,495	926 927,060	22,403	21,942
49	47	94 779	40 506,517	885 551,564	21,862	21,401
50	48	94 368	39 637,170	845 045,047	21,320	20,858
51	49	93 904	38 764,063	805 407,878	20,777	20,316
52	50	93 393	37 889,973	766 643,815	20,233	19,772
53	51	92 834	37 015,385	728 753,842	19,688	19,227
54	52	92 200	36 130,289	691 738,457	19,146	18,684
55	53	91 496	35 237,708	655 608,168	18,605	18,144
56	54	90 721	34 338,495	620 370,460	18,066	17,605
57	55	89 863	33 428,751	586 031,965	17,531	17,070
58	56	88 915	32 507,071	552 603,214	16,999	16,538
59	57	87 874	31 574,055	520 096,142	16,472	16,011
60	58	86 747	30 633,002	488 522,087	15,948	15,486
61	59	85 521	29 680,507	457 889,085	15,427	14,966
62	60	84 197	28 718,572	428 208,577	14,911	14,449
63	61	82 753	27 740,469	399 490,006	14,401	13,940
64	62	81 214	26 756,528	371 749,537	13,894	13,433
65	63	79 566	25 762,541	344 993,009	13,391	12,930
66	64	77 810	24 760,753	319 230,468	12,893	12,431
67	65	75 946	23 751,960	294 469,715	12,398	11,936
68	66	73 985	22 740,647	270 717,754	11,905	11,443
69	67	71 930	21 728,790	247 977,108	11,412	10,951
70	68	69 745	20 706,276	226 248,317	10,927	10,465
71	69	67 476	19 688,056	205 542,041	10,440	9,979
72	70	65 053	18 654,616	185 853,985	9,963	9,502
73	71	62 551	17 628,790	167 199,369	9,484	9,023
74	72	59 921	16 596,979	149 570,579	9,012	8,551
75	73	57 198	15 570,359	132 973,600	8,540	8,079
76	74	54 367	14 545,302	117 403,241	8,072	7,610
77	75	51 412	13 518,157	102 857,939	7,609	7,148
78	76	48 372	12 499,885	89 339,781	7,147	6,686
79	77	45 176	11 473,423	76 839,896	6,697	6,236
80	78	41 876	10 452,225	65 366,474	6,254	5,793
81	79	38 428	9 426,806	54 914,249	5,825	5,364
82	80	34 819	8 394,547	45 487,443	5,419	4,957
83	81	31 112	7 371,793	37 092,895	5,032	4,571
84	82	27 358	6 370,811	29 721,103	4,665	4,204
85	83	23 615	5 404,514	23 350,291	4,321	3,859
86	84	19 944	4 485,851	17 945,778	4,001	3,539
87	85	16 450	3 636,291	13 459,927	3,702	3,240
88	86	13 190	2 865,532	9 823,635	3,428	2,967
89	87	10 249	2 188,451	6 958,103	3,179	2,718
90	88	7 702	1 616,215	4 769,653	2,951	2,490
91	89	5 584	1 151,555	3 153,438	2,738	2,277
92	90	3 893	789,042	2 001,883	2,537	2,076
93	91	2 571	512,109	1 212,842	2,368	1,907
94	92	1 619	316,955	700,733	2,211	1,750
95	93	960	184,756	383,778	2,077	1,616
96	94	539	101,962	199,022	1,952	1,491
97	95	281	52,274	97,060	1,857	1,396
98	96	139	25,468	44,786	1,759	1,297
99	97	64	11,428	19,318	1,690	1,229
100	98	27	4,851	7,890	1,626	1,165

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 601	94 549,459	3 880 195,079	41,039	40,578
4	1	99 291	92 633,942	3 785 645,620	40,867	40,406
5	2	99 255	91 008,460	3 693 011,678	40,579	40,118
6	3	99 233	89 423,109	3 602 003,218	40,280	39,819
7	4	99 214	87 868,067	3 512 580,109	39,976	39,514
8	5	99 196	86 341,122	3 424 712,042	39,665	39,204
9	6	99 178	84 841,324	3 338 370,920	39,348	38,887
10	7	99 162	83 368,090	3 253 529,595	39,026	38,565
11	8	99 149	81 923,943	3 170 161,505	38,696	38,235
12	9	99 135	80 503,090	3 088 237,562	38,362	37,901
13	10	99 122	79 108,230	3 007 734,473	38,021	37,559
14	11	99 106	77 735,644	2 928 626,243	37,674	37,213
15	12	99 085	76 382,396	2 850 890,599	37,324	36,863
16	13	99 062	75 050,799	2 774 508,204	36,968	36,507
17	14	99 028	73 734,798	2 699 457,405	36,610	36,149
18	15	98 992	72 440,041	2 625 722,607	36,247	35,786
19	16	98 942	71 158,205	2 553 282,566	35,882	35,421
20	17	98 888	69 896,250	2 482 124,361	35,512	35,050
21	18	98 832	68 655,089	2 412 228,111	35,135	34,674
22	19	98 772	67 433,656	2 343 573,022	34,754	34,293
23	20	98 710	66 232,219	2 276 139,366	34,366	33,905
24	21	98 651	65 054,402	2 209 907,147	33,970	33,509
25	22	98 588	63 894,632	2 144 852,745	33,569	33,107
26	23	98 529	62 757,989	2 080 958,113	33,158	32,697
27	24	98 466	61 639,216	2 018 200,124	32,742	32,281
28	25	98 403	60 540,209	1 956 560,908	32,318	31,857
29	26	98 336	59 458,816	1 896 020,699	31,888	31,427
30	27	98 267	58 394,708	1 836 561,883	31,451	30,990
31	28	98 190	57 345,815	1 778 167,175	31,008	30,547
32	29	98 107	56 311,541	1 720 821,359	30,559	30,098
33	30	98 019	55 293,638	1 664 509,818	30,103	29,642
34	31	97 916	54 285,659	1 609 216,180	29,643	29,182
35	32	97 810	53 294,203	1 554 930,521	29,176	28,715
36	33	97 698	52 317,644	1 501 636,318	28,702	28,241
37	34	97 579	51 355,128	1 449 318,674	28,221	27,760
38	35	97 444	50 401,945	1 397 963,546	27,736	27,275
39	36	97 300	49 461,801	1 347 561,601	27,244	26,783
40	37	97 147	48 534,692	1 298 099,801	26,746	26,285
41	38	96 981	47 618,289	1 249 565,109	26,241	25,780
42	39	96 793	46 708,686	1 201 946,820	25,733	25,272
43	40	96 595	45 811,648	1 155 238,134	25,217	24,756
44	41	96 380	44 923,583	1 109 426,486	24,696	24,235
45	42	96 136	44 038,934	1 064 502,903	24,172	23,711
46	43	95 871	43 162,444	1 020 463,969	23,642	23,181
47	44	95 576	42 289,216	977 301,525	23,110	22,649
48	45	95 257	41 423,225	935 012,309	22,572	22,111
49	46	94 894	40 555,894	893 589,084	22,034	21,572
50	47	94 497	39 691,559	853 033,190	21,492	21,030
51	48	94 054	38 825,953	813 341,631	20,948	20,487
52	49	93 556	37 956,323	774 515,677	20,405	19,944
53	50	93 006	37 084,109	736 559,354	19,862	19,401
54	51	92 398	36 207,871	699 475,245	19,318	18,857
55	52	91 710	35 320,109	663 267,374	18,779	18,318
56	53	90 955	34 426,892	627 947,265	18,240	17,779
57	54	90 124	33 525,597	593 520,373	17,703	17,242
58	55	89 204	32 612,915	559 994,776	17,171	16,710
59	56	88 190	31 687,400	527 381,861	16,643	16,182
60	57	87 089	30 753,684	495 694,462	16,118	15,657
61	58	85 894	29 810,164	464 940,778	15,597	15,136
62	59	84 595	28 854,370	435 130,614	15,080	14,619
63	60	83 192	27 887,603	406 276,243	14,568	14,107
64	61	81 679	26 909,533	378 388,640	14,062	13,600
65	62	80 057	25 921,555	351 479,107	13,559	13,098
66	63	78 339	24 928,996	325 557,552	13,059	12,598
67	64	76 518	23 930,787	300 628,556	12,562	12,101
68	65	74 579	22 923,356	276 697,769	12,071	11,609
69	66	72 566	21 920,863	253 774,413	11,577	11,116
70	67	70 412	20 904,497	231 853,550	11,091	10,630
71	68	68 189	19 896,284	210 949,052	10,602	10,141
72	69	65 813	18 872,682	191 052,768	10,123	9,662
73	70	63 349	17 853,725	172 180,086	9,644	9,183
74	71	60 753	16 827,546	154 326,361	9,171	8,710
75	72	58 058	15 804,480	137 498,814	8,700	8,239
76	73	55 275	14 788,066	121 694,334	8,229	7,768
77	74	52 346	13 763,746	106 906,269	7,767	7,306
78	75	49 320	12 744,989	93 142,522	7,308	6,847
79	76	46 172	11 726,311	80 397,534	6,856	6,395
80	77	42 896	10 707,014	68 671,222	6,414	5,952
81	78	39 513	9 692,856	57 964,208	5,980	5,519
82	79	35 949	8 666,811	48 271,352	5,570	5,108
83	80	32 289	7 650,750	39 604,541	5,177	4,715
84	81	28 578	6 654,797	31 953,791	4,802	4,340
85	82	24 841	5 685,245	25 298,994	4,450	3,989
86	83	21 143	4 755,545	19 613,749	4,124	3,663
87	84	17 596	3 889,760	14 858,204	3,820	3,359
88	85	14 276	3 101,643	10 968,443	3,536	3,075
89	86	11 228	2 397,461	7 866,800	3,281	2,820
90	87	8 557	1 795,686	5 469,339	3,046	2,585
91	88	6 304	1 300,019	3 673,653	2,826	2,365
92	89	4 472	906,442	2 373,634	2,619	2,157
93	90	3 015	600,697	1 467,192	2,442	1,981
94	91	1 945	380,788	866,494	2,276	1,814
95	92	1 182	227,393	485,706	2,136	1,675
96	93	682	128,898	258,313	2,004	1,543
97	94	365	67,903	129,415	1,906	1,445
98	95	187	34,083	61,512	1,805	1,344
99	96	89	15,998	27,429	1,715	1,253
100	97	39	6,921	11,431	1,652	1,191

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4	0	99 590	92 913,178	3 794 015,045	40,834	40,373
5	1	99 280	91 031,030	3 701 101,867	40,658	40,196
6	2	99 245	89 434,219	3 610 070,837	40,366	39,904
7	3	99 224	87 877,130	3 520 636,618	40,063	39,602
8	4	99 205	86 349,384	3 432 759,488	39,754	39,293
9	5	99 187	84 848,883	3 346 410,104	39,440	38,978
10	6	99 170	83 375,465	3 261 561,221	39,119	38,658
11	7	99 154	81 927,749	3 178 185,756	38,793	38,331
12	8	99 142	80 508,700	3 096 258,007	38,459	37,997
13	9	99 128	79 113,069	3 015 749,307	38,119	37,658
14	10	99 112	77 740,191	2 936 636,238	37,775	37,314
15	11	99 093	76 388,302	2 858 896,047	37,426	36,965
16	12	99 070	75 056,693	2 782 507,744	37,072	36,611
17	13	99 037	73 741,745	2 707 451,052	36,715	36,254
18	14	99 001	72 446,721	2 633 709,306	36,354	35,893
19	15	98 954	71 166,864	2 561 262,585	35,990	35,528
20	16	98 902	69 906,543	2 490 095,721	35,620	35,159
21	17	98 845	68 664,438	2 420 189,178	35,247	34,785
22	18	98 791	67 446,944	2 351 524,740	34,865	34,404
23	19	98 727	66 243,798	2 284 077,795	34,480	34,019
24	20	98 670	65 066,432	2 217 833,998	34,086	33,624
25	21	98 604	63 905,170	2 152 767,566	33,687	33,226
26	22	98 545	62 768,208	2 088 862,396	33,279	32,818
27	23	98 484	61 650,311	2 026 094,188	32,864	32,403
28	24	98 421	60 551,105	1 964 443,878	32,443	31,982
29	25	98 355	59 470,129	1 903 892,773	32,014	31,553
30	26	98 285	58 405,700	1 844 422,644	31,579	31,118
31	27	98 211	57 358,158	1 786 016,944	31,138	30,677
32	28	98 130	56 324,813	1 728 658,786	30,691	30,230
33	29	98 045	55 307,950	1 672 333,973	30,237	29,776
34	30	97 947	54 302,880	1 617 026,023	29,778	29,317
35	31	97 841	53 310,943	1 562 723,142	29,313	28,852
36	32	97 732	52 335,575	1 509 412,199	28,841	28,380
37	33	97 614	51 373,639	1 457 076,624	28,362	27,901
38	34	97 484	50 422,416	1 405 702,985	27,879	27,417
39	35	97 340	49 482,194	1 355 280,568	27,389	26,928
40	36	97 191	48 556,955	1 305 798,375	26,892	26,431
41	37	97 027	47 640,902	1 257 241,420	26,390	25,929
42	38	96 851	46 736,880	1 209 600,518	25,881	25,420
43	39	96 653	45 839,204	1 162 863,637	25,368	24,907
44	40	96 447	44 954,408	1 117 024,433	24,848	24,387
45	41	96 207	44 071,558	1 072 070,025	24,326	23,864
46	42	95 948	43 196,732	1 027 998,467	23,798	23,337
47	43	95 663	42 327,652	984 801,735	23,266	22,805
48	44	95 349	41 463,468	942 474,083	22,730	22,269
49	45	95 004	40 602,678	901 010,614	22,191	21,730
50	46	94 612	39 739,943	860 407,936	21,651	21,190
51	47	94 183	38 879,230	820 667,993	21,108	20,647
52	48	93 706	38 016,924	781 788,763	20,564	20,103
53	49	93 169	37 149,048	743 771,839	20,021	19,560
54	50	92 569	36 275,096	706 622,791	19,480	19,018
55	51	91 907	35 395,952	670 347,694	18,939	18,477
56	52	91 167	34 507,397	634 951,743	18,400	17,939
57	53	90 356	33 611,901	600 444,346	17,864	17,403
58	54	89 463	32 707,397	566 832,445	17,330	16,869
59	55	88 477	31 790,574	534 125,049	16,801	16,340
60	56	87 401	30 864,084	502 334,475	16,276	15,814
61	57	86 233	29 927,604	471 470,391	15,754	15,292
62	58	84 965	28 980,418	441 542,787	15,236	14,775
63	59	83 585	28 019,473	412 562,369	14,724	14,263
64	60	82 112	27 052,259	384 542,896	14,215	13,754
65	61	80 515	26 069,785	357 490,637	13,713	13,252
66	62	78 822	25 082,866	331 420,852	13,213	12,752
67	63	77 038	24 093,391	306 337,986	12,715	12,253
68	64	75 141	23 095,944	282 244,595	12,221	11,759
69	65	73 149	22 096,986	259 148,651	11,728	11,267
70	66	71 035	21 089,284	237 051,665	11,240	10,779
71	67	68 842	20 086,751	215 962,381	10,751	10,290
72	68	66 509	19 072,287	195 875,630	10,270	9,809
73	69	64 090	18 062,429	176 803,343	9,788	9,327
74	70	61 528	17 042,258	158 740,914	9,315	8,853
75	71	58 864	16 024,038	141 698,656	8,843	8,382
76	72	56 106	15 010,424	125 674,618	8,372	7,911
77	73	53 220	13 993,465	110 664,194	7,908	7,447
78	74	50 216	12 976,531	96 670,729	7,450	6,988
79	75	47 078	11 956,247	83 694,197	7,000	6,539
80	76	43 842	10 943,011	71 737,951	6,556	6,094
81	77	40 476	9 929,134	60 794,940	6,123	5,662
82	78	36 963	8 911,411	50 865,806	5,708	5,247
83	79	33 337	7 898,890	41 954,395	5,311	4,850
84	80	29 659	6 906,623	34 055,505	4,931	4,470
85	81	25 949	5 938,671	27 148,882	4,572	4,110
86	82	22 241	5 002,567	21 210,211	4,240	3,779
87	83	18 654	4 123,617	16 207,644	3,930	3,469
88	84	15 272	3 317,845	12 084,028	3,642	3,181
89	85	12 154	2 595,005	8 766,183	3,378	2,917
90	86	9 374	1 967,185	6 171,178	3,137	2,676
91	87	7 003	1 444,379	4 203,993	2,911	2,449
92	88	5 049	1 023,306	2 759,615	2,697	2,236
93	89	3 464	690,074	1 736,309	2,516	2,055
94	90	2 281	446,660	1 046,235	2,342	1,881
95	91	1 420	273,189	599,575	2,195	1,734
96	92	839	158,644	326,386	2,057	1,596
97	93	462	85,842	167,742	1,954	1,493
98	94	242	44,273	81,900	1,850	1,389
99	95	119	21,409	37,626	1,757	1,296
100	96	55	9,688	16,217	1,674	1,213

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5	0	99 579	91 305,435	3 708 830,890	40,620	40,159
6	1	99 270	89 456,399	3 617 525,455	40,439	39,978
7	2	99 236	87 888,048	3 528 069,057	40,143	39,682
8	3	99 215	86 358,290	3 440 181,009	39,836	39,375
9	4	99 197	84 857,002	3 353 822,719	39,523	39,062
10	5	99 179	83 382,893	3 268 965,716	39,204	38,743
11	6	99 163	81 934,997	3 185 582,823	38,879	38,418
12	7	99 146	80 512,440	3 103 647,826	38,549	38,087
13	8	99 135	79 118,583	3 023 135,386	38,210	37,749
14	9	99 118	77 744,947	2 944 016,804	37,868	37,406
15	10	99 099	76 392,771	2 866 271,857	37,520	37,059
16	11	99 077	75 062,497	2 789 879,086	37,167	36,706
17	12	99 045	73 747,536	2 714 816,589	36,812	36,351
18	13	99 010	72 453,547	2 641 069,053	36,452	35,991
19	14	98 963	71 173,426	2 568 615,505	36,090	35,628
20	15	98 914	69 915,050	2 497 442,079	35,721	35,260
21	16	98 860	68 674,550	2 427 527,029	35,348	34,887
22	17	98 805	67 456,129	2 358 852,479	34,969	34,507
23	18	98 747	66 256,851	2 291 396,349	34,584	34,122
24	19	98 687	65 077,806	2 225 139,498	34,192	33,731
25	20	98 623	63 916,987	2 160 061,691	33,795	33,334
26	21	98 561	62 778,560	2 096 144,705	33,389	32,928
27	22	98 500	61 660,350	2 033 366,145	32,977	32,516
28	23	98 438	60 562,004	1 971 705,795	32,557	32,096
29	24	98 373	59 480,832	1 911 143,791	32,130	31,669
30	25	98 304	58 416,812	1 851 662,960	31,697	31,236
31	26	98 230	57 368,955	1 793 246,147	31,258	30,797
32	27	98 151	56 336,936	1 735 877,193	30,812	30,351
33	28	98 068	55 320,986	1 679 540,257	30,360	29,899
34	29	97 973	54 316,936	1 624 219,271	29,903	29,441
35	30	97 872	53 327,855	1 569 902,335	29,439	28,977
36	31	97 763	52 352,014	1 516 574,480	28,969	28,508
37	32	97 648	51 391,248	1 464 222,466	28,492	28,030
38	33	97 519	50 440,592	1 412 831,219	28,010	27,549
39	34	97 380	49 502,291	1 362 390,627	27,522	27,061
40	35	97 232	48 576,975	1 312 888,336	27,027	26,566
41	36	97 071	47 662,756	1 264 311,361	26,526	26,065
42	37	96 897	46 759,075	1 216 648,605	26,020	25,558
43	38	96 712	45 866,874	1 169 889,530	25,506	25,045
44	39	96 505	44 981,448	1 124 022,656	24,989	24,527
45	40	96 273	44 101,799	1 079 041,208	24,467	24,006
46	41	96 019	43 228,732	1 034 939,409	23,941	23,480
47	42	95 739	42 361,277	991 710,677	23,411	22,950
48	43	95 436	41 501,154	949 349,400	22,875	22,414
49	44	95 096	40 642,124	907 848,246	22,338	21,876
50	45	94 722	39 785,786	867 206,122	21,797	21,336
51	46	94 298	38 926,623	827 420,336	21,256	20,795
52	47	93 834	38 069,090	788 493,712	20,712	20,251
53	48	93 318	37 208,360	750 424,622	20,168	19,707
54	49	92 731	36 338,619	713 216,262	19,627	19,166
55	50	92 077	35 461,669	676 877,643	19,088	18,626
56	51	91 363	34 581,494	641 415,974	18,548	18,087
57	52	90 567	33 690,500	606 834,480	18,012	17,551
58	53	89 693	32 791,595	573 143,980	17,478	17,017
59	54	88 733	31 882,674	540 352,385	16,948	16,487
60	55	87 686	30 964,578	508 469,711	16,421	15,960
61	56	86 542	30 035,038	477 505,134	15,898	15,437
62	57	85 299	29 094,589	447 470,096	15,380	14,919
63	58	83 950	28 141,873	418 375,507	14,867	14,405
64	59	82 500	27 180,179	390 233,633	14,357	13,896
65	60	80 942	26 208,057	363 053,454	13,853	13,392
66	61	79 273	25 226,299	336 845,397	13,353	12,892
67	62	77 513	24 242,103	311 619,097	12,854	12,393
68	63	75 651	23 252,876	287 376,995	12,359	11,898
69	64	73 700	22 263,353	264 124,119	11,864	11,402
70	65	71 606	21 258,726	241 860,766	11,377	10,916
71	66	69 451	20 264,309	220 602,041	10,886	10,425
72	67	67 146	19 254,865	200 337,731	10,405	9,943
73	68	64 768	18 253,464	181 082,866	9,920	9,459
74	69	62 247	17 241,477	162 829,402	9,444	8,983
75	70	59 616	16 228,498	145 587,926	8,971	8,510
76	71	56 885	15 218,950	129 359,428	8,500	8,039
77	72	54 020	14 203,876	114 140,478	8,036	7,575
78	73	51 054	13 193,111	99 936,602	7,575	7,114
79	74	47 933	12 173,460	86 743,491	7,126	6,664
80	75	44 702	11 157,586	74 570,031	6,683	6,222
81	76	41 368	10 147,985	63 412,444	6,249	5,788
82	77	37 864	9 128,641	53 264,459	5,835	5,374
83	78	34 278	8 121,818	44 135,819	5,434	4,973
84	79	30 621	7 130,628	36 014,001	5,051	4,589
85	80	26 931	6 163,398	28 883,373	4,686	4,225
86	81	23 232	5 225,562	22 719,975	4,348	3,887
87	82	19 623	4 337,813	17 494,414	4,033	3,572
88	83	16 190	3 517,317	13 156,601	3,741	3,279
89	84	13 001	2 775,891	9 639,284	3,473	3,011
90	85	10 147	2 129,275	6 863,393	3,223	2,762
91	86	7 672	1 582,326	4 734,118	2,992	2,531
92	87	5 609	1 136,937	3 151,792	2,772	2,311
93	88	3 911	779,043	2 014,855	2,586	2,125
94	89	2 621	513,118	1 235,812	2,408	1,947
95	90	1 665	320,447	722,695	2,255	1,794
96	91	1 008	190,594	402,247	2,110	1,649
97	92	568	105,652	211,653	2,003	1,542
98	93	306	55,970	106,001	1,894	1,433
99	94	155	27,810	50,031	1,799	1,338
100	95	73	12,966	22,221	1,714	1,253

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	89 726,056	3 624 655,142	40,397	39,936
7	1	99 261	87 909,844	3 534 929,085	40,211	39,750
8	2	99 228	86 369,020	3 447 019,241	39,910	39,449
9	3	99 207	84 865,754	3 360 650,222	39,600	39,138
10	4	99 189	83 390,873	3 275 784,467	39,282	38,821
11	5	99 171	81 942,296	3 192 393,595	38,959	38,498
12	6	99 155	80 519,563	3 110 451,298	38,630	38,169
13	7	99 139	79 122,258	3 029 931,735	38,294	37,833
14	8	99 125	77 750,365	2 950 809,477	37,952	37,491
15	9	99 105	76 397,444	2 873 059,112	37,607	37,146
16	10	99 083	75 066,888	2 796 661,668	37,256	36,794
17	11	99 053	73 753,239	2 721 594,780	36,901	36,440
18	12	99 018	72 459,237	2 647 841,541	36,542	36,081
19	13	98 972	71 180,133	2 575 382,304	36,181	35,720
20	14	98 923	69 921,497	2 504 202,171	35,814	35,353
21	15	98 872	68 682,907	2 434 280,674	35,442	34,981
22	16	98 819	67 466,064	2 365 597,767	35,064	34,602
23	17	98 760	66 265,874	2 298 131,704	34,680	34,219
24	18	98 706	65 090,630	2 231 865,829	34,289	33,827
25	19	98 640	63 928,161	2 166 775,199	33,894	33,433
26	20	98 579	62 790,168	2 102 847,038	33,490	33,029
27	21	98 516	61 670,519	2 040 056,870	33,080	32,619
28	22	98 454	60 571,865	1 978 386,351	32,662	32,201
29	23	98 391	59 491,538	1 917 814,485	32,237	31,776
30	24	98 322	58 427,325	1 858 322,947	31,806	31,345
31	25	98 249	57 379,870	1 799 895,622	31,368	30,907
32	26	98 169	56 347,541	1 742 515,752	30,924	30,463
33	27	98 089	55 332,893	1 686 168,212	30,473	30,012
34	28	97 996	54 329,738	1 630 835,319	30,017	29,556
35	29	97 897	53 341,658	1 576 505,581	29,555	29,094
36	30	97 794	52 368,621	1 523 163,923	29,085	28,624
37	31	97 679	51 407,390	1 470 795,301	28,611	28,149
38	32	97 552	50 457,880	1 419 387,912	28,130	27,669
39	33	97 415	49 520,135	1 368 930,032	27,644	27,183
40	34	97 271	48 596,705	1 319 409,897	27,150	26,689
41	35	97 111	47 682,407	1 270 813,192	26,652	26,190
42	36	96 942	46 780,524	1 223 130,785	26,146	25,685
43	37	96 758	45 888,655	1 176 350,261	25,635	25,174
44	38	96 563	45 008,600	1 130 461,605	25,117	24,655
45	39	96 331	44 128,326	1 085 453,006	24,598	24,136
46	40	96 085	43 258,394	1 041 324,679	24,072	23,611
47	41	95 809	42 392,659	998 066,285	23,543	23,082
48	42	95 512	41 534,122	955 673,626	23,009	22,548
49	43	95 183	40 679,064	914 139,504	22,472	22,011
50	44	94 814	39 824,439	873 460,441	21,933	21,472
51	45	94 407	38 971,528	833 636,002	21,391	20,930
52	46	93 949	38 115,496	794 664,474	20,849	20,388
53	47	93 446	37 259,417	756 548,978	20,305	19,844
54	48	92 879	36 396,637	719 289,561	19,763	19,301
55	49	92 238	35 523,767	682 892,924	19,224	18,762
56	50	91 533	34 645,700	647 369,157	18,685	18,224
57	51	90 761	33 762,843	612 723,457	18,148	17,687
58	52	89 903	32 868,275	578 960,614	17,615	17,153
59	53	88 961	31 964,749	546 092,339	17,084	16,623
60	54	87 940	31 054,284	514 127,590	16,556	16,095
61	55	86 824	30 132,833	483 073,306	16,031	15,570
62	56	85 606	29 199,033	452 940,473	15,512	15,051
63	57	84 281	28 252,741	423 741,440	14,998	14,537
64	58	82 861	27 298,913	395 488,699	14,487	14,026
65	59	81 324	26 331,985	368 189,786	13,983	13,521
66	60	79 693	25 360,098	341 857,801	13,480	13,019
67	61	77 957	24 380,729	316 497,703	12,981	12,520
68	62	76 118	23 396,400	292 116,974	12,486	12,024
69	63	74 200	22 414,627	268 720,575	11,989	11,527
70	64	72 145	21 418,781	246 305,948	11,500	11,038
71	65	70 009	20 427,122	224 887,167	11,009	10,548
72	66	67 739	19 425,070	204 460,044	10,526	10,064
73	67	65 388	18 428,204	185 034,974	10,041	9,580
74	68	62 906	17 423,829	166 606,770	9,562	9,101
75	69	60 312	16 418,203	149 182,942	9,086	8,625
76	70	57 611	15 413,137	132 764,738	8,614	8,153
77	71	54 771	14 401,198	117 351,601	8,149	7,688
78	72	51 822	13 391,487	102 950,403	7,688	7,227
79	73	48 733	12 376,637	89 558,916	7,236	6,775
80	74	45 514	11 360,290	77 182,279	6,794	6,333
81	75	42 179	10 346,972	65 821,989	6,361	5,900
82	76	38 699	9 329,848	55 475,018	5,946	5,485
83	77	35 113	8 319,800	46 145,170	5,546	5,085
84	78	31 485	7 331,873	37 825,370	5,159	4,698
85	79	27 804	6 363,297	30 493,497	4,792	4,331
86	80	24 111	5 423,303	24 130,200	4,449	3,988
87	81	20 498	4 531,176	18 706,896	4,128	3,667
88	82	17 031	3 700,020	14 175,720	3,831	3,370
89	83	13 782	2 942,780	10 475,700	3,560	3,099
90	84	10 854	2 277,697	7 532,920	3,307	2,846
91	85	8 305	1 712,705	5 255,223	3,068	2,607
92	86	6 145	1 245,522	3 542,518	2,844	2,383
93	87	4 345	865,550	2 296,996	2,654	2,193
94	88	2 959	579,272	1 431,446	2,471	2,010
95	89	1 913	368,126	852,174	2,315	1,854
96	90	1 182	223,565	484,048	2,165	1,704
97	91	683	126,930	260,484	2,052	1,591
98	92	377	68,886	133,554	1,939	1,478
99	93	196	35,157	64,668	1,839	1,378
100	94	95	16,842	29,510	1,752	1,291

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 560	88 174,840	3 541 500,296	40,165	39,703
8	1	99 252	86 390,439	3 453 325,456	39,973	39,512
9	2	99 219	84 876,298	3 366 935,017	39,669	39,208
10	3	99 199	83 399,473	3 282 058,719	39,353	38,892
11	4	99 181	81 950,138	3 198 659,246	39,032	38,571
12	5	99 164	80 526,736	3 116 709,108	38,704	38,243
13	6	99 148	79 129,258	3 036 182,372	38,370	37,909
14	7	99 130	77 753,977	2 957 053,114	38,031	37,570
15	8	99 112	76 402,769	2 879 299,137	37,686	37,225
16	9	99 089	75 071,480	2 802 896,368	37,336	36,875
17	10	99 058	73 757,554	2 727 824,888	36,984	36,522
18	11	99 025	72 464,841	2 654 067,334	36,626	36,164
19	12	98 980	71 185,722	2 581 602,494	36,266	35,805
20	13	98 933	69 928,085	2 510 416,771	35,900	35,439
21	14	98 881	68 689,241	2 440 488,686	35,529	35,068
22	15	98 832	67 474,273	2 371 799,446	35,151	34,690
23	16	98 775	66 275,633	2 304 325,173	34,769	34,308
24	17	98 720	65 099,495	2 238 049,539	34,379	33,918
25	18	98 659	63 940,758	2 172 950,045	33,984	33,523
26	19	98 597	62 801,145	2 109 009,287	33,582	33,121
27	20	98 534	61 681,923	2 046 208,141	33,174	32,712
28	21	98 471	60 581,855	1 984 526,218	32,758	32,297
29	22	98 407	59 501,225	1 923 944,363	32,335	31,873
30	23	98 339	58 437,842	1 864 443,138	31,905	31,444
31	24	98 266	57 390,196	1 806 005,296	31,469	31,008
32	25	98 188	56 358,261	1 748 615,100	31,027	30,566
33	26	98 107	55 343,308	1 692 256,838	30,577	30,116
34	27	98 017	54 341,432	1 636 913,530	30,123	29,662
35	28	97 920	53 354,230	1 582 572,098	29,662	29,200
36	29	97 819	52 382,176	1 529 217,868	29,193	28,732
37	30	97 709	51 423,698	1 476 835,692	28,719	28,258
38	31	97 583	50 473,729	1 425 411,994	28,241	27,779
39	32	97 448	49 537,108	1 374 938,265	27,756	27,295
40	33	97 306	48 614,222	1 325 401,157	27,264	26,802
41	34	97 151	47 701,774	1 276 786,935	26,766	26,305
42	35	96 982	46 799,812	1 229 085,162	26,263	25,801
43	36	96 802	45 909,705	1 182 285,350	25,752	25,291
44	37	96 609	45 029,974	1 136 375,645	25,236	24,775
45	38	96 389	44 154,963	1 091 345,671	24,716	24,255
46	39	96 142	43 284,415	1 047 190,709	24,193	23,732
47	40	95 875	42 421,747	1 003 906,294	23,665	23,204
48	41	95 583	41 564,891	961 484,547	23,132	22,671
49	42	95 258	40 711,379	919 919,656	22,596	22,135
50	43	94 900	39 860,635	879 208,277	22,057	21,596
51	44	94 498	39 009,389	839 347,642	21,517	21,055
52	45	94 057	38 159,465	800 338,253	20,974	20,512
53	46	93 560	37 304,836	762 178,788	20,431	19,970
54	47	93 007	36 446,580	724 873,952	19,889	19,427
55	48	92 386	35 580,484	688 427,372	19,348	18,887
56	49	91 693	34 706,369	652 846,888	18,811	18,349
57	50	90 930	33 825,529	618 140,519	18,274	17,813
58	51	90 096	32 938,853	584 314,990	17,739	17,278
59	52	89 169	32 039,496	551 376,137	17,209	16,748
60	53	88 166	31 134,226	519 336,641	16,681	16,219
61	54	87 075	30 220,129	488 202,415	16,155	15,694
62	55	85 884	29 294,106	457 982,285	15,634	15,173
63	56	84 583	28 354,163	428 688,180	15,119	14,658
64	57	83 187	27 406,460	400 334,017	14,607	14,146
65	58	81 680	26 447,014	372 927,558	14,101	13,640
66	59	80 070	25 480,016	346 480,544	13,598	13,137
67	60	78 370	24 510,043	321 000,527	13,097	12,635
68	61	76 554	23 530,189	296 490,485	12,600	12,139
69	62	74 658	22 552,977	272 960,295	12,103	11,642
70	63	72 635	21 564,316	250 407,318	11,612	11,151
71	64	70 536	20 580,917	228 843,002	11,119	10,658
72	65	68 284	19 581,140	208 262,085	10,636	10,175
73	66	65 966	18 591,101	188 680,945	10,149	9,688
74	67	63 508	17 590,627	170 089,843	9,669	9,208
75	68	60 950	16 591,848	152 499,217	9,191	8,730
76	69	58 285	15 593,312	135 907,368	8,716	8,255
77	70	55 470	14 584,951	120 314,057	8,249	7,788
78	71	52 542	13 577,524	105 729,106	7,787	7,326
79	72	49 466	12 562,736	92 151,582	7,335	6,874
80	73	46 273	11 549,895	79 588,847	6,891	6,430
81	74	42 946	10 534,948	68 038,952	6,458	5,997
82	75	39 458	9 512,792	57 504,003	6,045	5,584
83	76	35 887	8 503,179	47 991,211	5,644	5,183
84	77	32 253	7 510,599	39 488,033	5,258	4,796
85	78	28 589	6 542,887	31 977,434	4,887	4,426
86	79	24 893	5 599,199	25 434,547	4,543	4,081
87	80	21 273	4 702,641	19 835,348	4,218	3,757
88	81	17 790	3 864,952	15 132,707	3,915	3,454
89	82	14 498	3 095,640	11 267,754	3,640	3,179
90	83	11 507	2 414,634	8 172,115	3,384	2,923
91	84	8 883	1 832,089	5 757,480	3,143	2,681
92	85	6 651	1 348,149	3 925,391	2,912	2,450
93	86	4 760	948,216	2 577,241	2,718	2,257
94	87	3 287	643,596	1 629,025	2,531	2,070
95	88	2 160	415,587	985,429	2,371	1,910
96	89	1 358	256,828	569,842	2,219	1,758
97	90	801	148,888	313,014	2,102	1,641
98	91	453	82,759	164,126	1,983	1,522
99	92	241	43,271	81,367	1,880	1,419
100	93	121	21,291	38,096	1,789	1,328

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 552	86 650,855	3 459 378,236	39,923	39,462
9	1	99 244	84 897,348	3 372 727,381	39,727	39,266
10	2	99 211	83 409,835	3 287 830,033	39,418	38,957
11	3	99 191	81 958,590	3 204 420,198	39,098	38,637
12	4	99 173	80 534,442	3 122 461,609	38,772	38,311
13	5	99 157	79 136,307	3 041 927,166	38,439	37,978
14	6	99 139	77 760,856	2 962 790,859	38,101	37,640
15	7	99 116	76 406,318	2 885 030,003	37,759	37,298
16	8	99 096	75 076,712	2 808 623,685	37,410	36,949
17	9	99 065	73 762,066	2 733 546,973	37,059	36,598
18	10	99 031	72 469,080	2 659 784,907	36,702	36,241
19	11	98 988	71 191,227	2 587 315,828	36,343	35,882
20	12	98 940	69 933,577	2 516 124,600	35,979	35,518
21	13	98 890	68 695,713	2 446 191,024	35,609	35,148
22	14	98 841	67 480,495	2 377 495,311	35,232	34,771
23	15	98 787	66 283,698	2 310 014,816	34,850	34,389
24	16	98 734	65 109,082	2 243 731,118	34,461	34,000
25	17	98 673	63 949,466	2 178 622,037	34,068	33,607
26	18	98 616	62 813,521	2 114 672,571	33,666	33,205
27	19	98 551	61 692,706	2 051 859,050	33,259	32,798
28	20	98 489	60 593,058	1 990 166,344	32,845	32,384
29	21	98 423	59 511,039	1 929 573,286	32,424	31,963
30	22	98 355	58 447,358	1 870 062,248	31,996	31,534
31	23	98 284	57 400,526	1 811 614,890	31,561	31,100
32	24	98 206	56 368,404	1 754 214,364	31,121	30,659
33	25	98 126	55 353,838	1 697 845,960	30,673	30,211
34	26	98 035	54 351,660	1 642 492,122	30,220	29,759
35	27	97 942	53 365,714	1 588 140,461	29,760	29,298
36	28	97 842	52 394,523	1 534 774,748	29,293	28,831
37	29	97 735	51 437,008	1 482 380,225	28,819	28,358
38	30	97 614	50 489,741	1 430 943,217	28,341	27,880
39	31	97 479	49 552,667	1 380 453,477	27,858	27,397
40	32	97 339	48 630,885	1 330 900,809	27,367	26,906
41	33	97 186	47 718,968	1 282 269,924	26,871	26,410
42	34	97 021	46 818,820	1 234 550,956	26,369	25,907
43	35	96 842	45 928,633	1 187 732,136	25,860	25,399
44	36	96 653	45 050,630	1 141 803,503	25,345	24,884
45	37	96 435	44 175,931	1 096 752,873	24,827	24,366
46	38	96 200	43 310,542	1 052 576,942	24,303	23,842
47	39	95 933	42 447,264	1 009 266,400	23,777	23,316
48	40	95 648	41 593,411	966 819,136	23,245	22,783
49	41	95 329	40 741,538	925 225,725	22,710	22,248
50	42	94 975	39 892,300	884 484,187	22,172	21,711
51	43	94 584	39 044,845	844 591,887	21,631	21,170
52	44	94 149	38 196,538	805 547,042	21,090	20,628
53	45	93 668	37 347,870	767 350,504	20,546	20,085
54	46	93 120	36 491,008	730 002,635	20,005	19,544
55	47	92 512	35 629,307	693 511,627	19,465	19,003
56	48	91 839	34 761,781	657 882,320	18,925	18,464
57	49	91 089	33 884,762	623 120,539	18,389	17,928
58	50	90 263	33 000,009	589 235,777	17,856	17,394
59	51	89 361	32 108,294	556 235,768	17,324	16,863
60	52	88 373	31 207,031	524 127,474	16,795	16,334
61	53	87 300	30 297,925	492 920,443	16,269	15,808
62	54	86 133	29 378,972	462 622,518	15,747	15,286
63	55	84 859	28 446,484	433 243,546	15,230	14,769
64	56	83 486	27 504,843	404 797,062	14,717	14,256
65	57	82 001	26 551,205	377 292,218	14,210	13,749
66	58	80 420	25 591,324	350 741,014	13,705	13,244
67	59	78 741	24 625,941	325 149,690	13,204	12,742
68	60	76 960	23 654,992	300 523,749	12,704	12,243
69	61	75 085	22 681,944	276 868,757	12,207	11,745
70	62	73 083	21 697,418	254 186,813	11,715	11,254
71	63	71 015	20 720,759	232 489,395	11,220	10,759
72	64	68 798	19 728,565	211 768,636	10,734	10,273
73	65	66 496	18 740,471	192 040,071	10,247	9,786
74	66	64 069	17 746,120	173 299,599	9,765	9,304
75	67	61 534	16 750,682	155 553,479	9,286	8,825
76	68	58 901	15 758,232	138 802,797	8,808	8,347
77	69	56 118	14 755,444	123 044,565	8,339	7,878
78	70	53 212	13 750,767	108 289,121	7,875	7,414
79	71	50 153	12 737,259	94 538,355	7,422	6,961
80	72	46 969	11 723,563	81 801,096	6,977	6,516
81	73	43 663	10 710,778	70 077,533	6,543	6,082
82	74	40 174	9 685,614	59 366,754	6,129	5,668
83	75	36 591	8 669,913	49 681,140	5,730	5,269
84	76	32 964	7 676,142	41 011,228	5,343	4,881
85	77	29 286	6 702,380	33 335,085	4,974	4,512
86	78	25 596	5 757,224	26 632,705	4,626	4,165
87	79	21 963	4 855,164	20 875,482	4,300	3,838
88	80	18 463	4 011,207	16 020,318	3,994	3,533
89	81	15 144	3 233,631	12 009,111	3,714	3,253
90	82	12 104	2 540,060	8 775,480	3,455	2,994
91	83	9 417	1 942,237	6 235,420	3,210	2,749
92	84	7 115	1 442,123	4 293,184	2,977	2,516
93	85	5 152	1 026,346	2 851,061	2,778	2,317
94	86	3 601	705,063	1 824,715	2,588	2,127
95	87	2 400	461,735	1 119,651	2,425	1,964
96	88	1 533	289,940	657,916	2,269	1,808
97	89	920	171,040	367,976	2,151	1,690
98	90	531	97,075	196,935	2,029	1,567
99	91	290	51,985	99,860	1,921	1,460
100	92	149	26,205	47,875	1,827	1,366

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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8						
9	0	99 543	85 153,262	3 378 300,473	39,673	39,212
10	1	99 236	83 430,521	3 293 147,211	39,472	39,011
11	2	99 204	81 968,772	3 209 716,690	39,158	38,697
12	3	99 184	80 542,749	3 127 747,918	38,833	38,372
13	4	99 166	79 143,880	3 047 205,169	38,502	38,041
14	5	99 147	77 767,783	2 968 061,289	38,166	37,704
15	6	99 125	76 413,077	2 890 293,506	37,825	37,363
16	7	99 101	75 080,200	2 813 880,428	37,478	37,017
17	8	99 071	73 767,206	2 738 800,228	37,128	36,666
18	9	99 037	72 473,513	2 665 033,022	36,773	36,311
19	10	98 993	71 195,392	2 592 559,509	36,415	35,954
20	11	98 948	69 938,985	2 521 364,117	36,051	35,590
21	12	98 898	68 701,107	2 451 425,132	35,682	35,221
22	13	98 850	67 486,853	2 382 724,025	35,306	34,845
23	14	98 796	66 289,810	2 315 237,171	34,926	34,465
24	15	98 746	65 117,004	2 248 947,361	34,537	34,076
25	16	98 687	63 958,883	2 183 830,357	34,144	33,683
26	17	98 630	62 822,075	2 119 871,474	33,744	33,283
27	18	98 571	61 704,863	2 057 049,399	33,337	32,876
28	19	98 506	60 603,651	1 995 344,536	32,924	32,463
29	20	98 441	59 522,043	1 934 740,885	32,505	32,043
30	21	98 371	58 456,997	1 875 218,842	32,079	31,617
31	22	98 300	57 409,873	1 816 761,845	31,645	31,184
32	23	98 223	56 378,550	1 759 351,972	31,206	30,745
33	24	98 144	55 363,800	1 702 973,422	30,760	30,298
34	25	98 054	54 362,001	1 647 609,622	30,308	29,847
35	26	97 960	53 375,759	1 593 247,621	29,850	29,388
36	27	97 863	52 405,800	1 539 871,862	29,384	28,922
37	28	97 758	51 449,131	1 487 466,062	28,911	28,450
38	29	97 639	50 502,809	1 436 016,931	28,434	27,973
39	30	97 510	49 568,387	1 385 514,122	27,952	27,490
40	31	97 370	48 646,159	1 335 945,735	27,463	27,001
41	32	97 219	47 735,324	1 287 299,575	26,967	26,506
42	33	97 056	46 835,696	1 239 564,251	26,466	26,005
43	34	96 881	45 947,288	1 192 728,555	25,959	25,497
44	35	96 693	45 069,204	1 146 781,267	25,445	24,984
45	36	96 479	44 196,195	1 101 712,063	24,928	24,467
46	37	96 246	43 331,109	1 057 515,868	24,405	23,944
47	38	95 991	42 472,886	1 014 184,759	23,878	23,417
48	39	95 706	41 618,430	971 711,873	23,348	22,887
49	40	95 394	40 769,494	930 093,443	22,813	22,352
50	41	95 046	39 921,852	889 323,949	22,277	21,815
51	42	94 659	39 075,862	849 402,097	21,737	21,276
52	43	94 234	38 231,254	810 326,235	21,195	20,734
53	44	93 759	37 384,154	772 094,981	20,653	20,192
54	45	93 228	36 533,103	734 710,827	20,111	19,650
55	46	92 625	35 672,739	698 177,724	19,572	19,111
56	47	91 966	34 809,480	662 504,985	19,032	18,571
57	48	91 235	33 938,862	627 695,505	18,495	18,034
58	49	90 421	33 057,796	593 756,643	17,961	17,500
59	50	89 527	32 167,908	560 698,847	17,430	16,969
60	51	88 562	31 274,042	528 530,939	16,900	16,439
61	52	87 504	30 368,774	497 256,897	16,374	15,913
62	53	86 355	29 454,602	466 888,123	15,851	15,390
63	54	85 105	28 528,895	437 433,521	15,333	14,872
64	55	83 757	27 594,400	408 904,625	14,818	14,357
65	56	82 296	26 646,518	381 310,225	14,310	13,849
66	57	80 737	25 692,143	354 663,707	13,804	13,343
67	58	79 085	24 733,517	328 971,564	13,301	12,839
68	59	77 324	23 766,848	304 238,047	12,801	12,340
69	60	75 484	22 802,247	280 471,200	12,300	11,839
70	61	73 501	21 821,492	257 668,952	11,808	11,347
71	62	71 453	20 848,654	235 847,460	11,312	10,851
72	63	69 265	19 862,616	214 998,806	10,824	10,363
73	64	66 996	18 881,567	195 136,190	10,335	9,874
74	65	64 584	17 888,701	176 254,623	9,853	9,392
75	66	62 078	16 898,751	158 365,922	9,371	8,910
76	67	59 465	15 909,086	141 467,171	8,892	8,431
77	68	56 712	14 911,503	125 558,085	8,420	7,959
78	69	53 834	13 911,509	110 646,583	7,954	7,492
79	70	50 793	12 899,781	96 735,074	7,499	7,038
80	71	47 622	11 886,428	83 835,294	7,053	6,592
81	72	44 319	10 871,829	71 948,865	6,618	6,157
82	73	40 845	9 847,268	61 077,036	6,202	5,741
83	74	37 256	8 827,422	51 229,768	5,803	5,342
84	75	33 610	7 826,660	42 402,346	5,418	4,956
85	76	29 931	6 850,109	34 575,686	5,047	4,586
86	77	26 220	5 897,565	27 725,577	4,701	4,240
87	78	22 583	4 992,189	21 828,012	4,372	3,911
88	79	19 062	4 141,304	16 835,823	4,065	3,604
89	80	15 718	3 355,996	12 694,519	3,783	3,321
90	81	12 644	2 653,286	9 338,523	3,520	3,058
91	82	9 907	2 043,124	6 685,237	3,272	2,811
92	83	7 543	1 528,825	4 642,114	3,036	2,575
93	84	5 511	1 097,888	3 113,289	2,836	2,375
94	85	3 898	763,159	2 015,401	2,641	2,180
95	86	2 629	505,834	1 252,242	2,476	2,014
96	87	1 704	322,136	746,409	2,317	1,856
97	88	1 039	193,092	424,272	2,197	1,736
98	89	611	111,519	231,181	2,073	1,612
99	90	340	60,978	119,661	1,962	1,501
100	91	178	31,482	58,683	1,864	1,403

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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3						
4						
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9						
10	0	99 535	83 682,014	3 298 277,628	39,414	38,953
11	1	99 228	81 989,101	3 214 595,614	39,208	38,746
12	2	99 196	80 552,755	3 132 606,513	38,889	38,428
13	3	99 177	79 152,043	3 052 053,758	38,559	38,098
14	4	99 157	77 775,225	2 972 901,715	38,224	37,763
15	5	99 134	76 419,885	2 895 126,490	37,884	37,423
16	6	99 109	75 086,842	2 818 706,605	37,539	37,078
17	7	99 076	73 770,633	2 743 619,763	37,191	36,730
18	8	99 044	72 478,564	2 669 849,129	36,836	36,375
19	9	98 999	71 199,747	2 597 370,566	36,480	36,019
20	10	98 954	69 943,076	2 526 170,818	36,118	35,656
21	11	98 905	68 706,420	2 456 227,742	35,750	35,288
22	12	98 858	67 492,153	2 387 521,322	35,375	34,914
23	13	98 805	66 296,056	2 320 029,169	34,995	34,534
24	14	98 755	65 123,009	2 253 733,113	34,607	34,146
25	15	98 699	63 966,666	2 188 610,104	34,215	33,754
26	16	98 644	62 831,327	2 124 643,438	33,815	33,354
27	17	98 584	61 713,266	2 061 812,111	33,410	32,948
28	18	98 525	60 615,593	2 000 098,845	32,996	32,535
29	19	98 458	59 532,449	1 939 483,252	32,579	32,117
30	20	98 390	58 467,807	1 879 950,804	32,154	31,692
31	21	98 316	57 419,341	1 821 482,997	31,722	31,261
32	22	98 239	56 387,731	1 764 063,656	31,285	30,823
33	23	98 161	55 373,765	1 707 675,925	30,839	30,378
34	24	98 072	54 371,785	1 652 302,160	30,389	29,928
35	25	97 979	53 385,914	1 597 930,375	29,932	29,470
36	26	97 881	52 415,664	1 544 544,461	29,467	29,006
37	27	97 779	51 460,205	1 492 128,797	28,996	28,535
38	28	97 662	50 514,712	1 440 668,592	28,520	28,059
39	29	97 535	49 581,217	1 390 153,879	28,038	27,577
40	30	97 401	48 661,591	1 340 572,662	27,549	27,088
41	31	97 250	47 750,317	1 291 911,071	27,056	26,594
42	32	97 089	46 851,749	1 244 160,753	26,555	26,094
43	33	96 916	45 963,850	1 197 309,004	26,049	25,588
44	34	96 732	45 087,509	1 151 345,154	25,536	25,075
45	35	96 519	44 214,417	1 106 257,645	25,020	24,559
46	36	96 290	43 350,986	1 062 043,228	24,499	24,038
47	37	96 036	42 493,056	1 018 692,242	23,973	23,512
48	38	95 763	41 643,552	976 199,186	23,442	22,981
49	39	95 452	40 794,017	934 555,634	22,909	22,448
50	40	95 111	39 949,245	893 761,618	22,372	21,911
51	41	94 730	39 104,809	853 812,372	21,834	21,373
52	42	94 309	38 261,625	814 707,563	21,293	20,832
53	43	93 844	37 418,132	776 445,938	20,751	20,289
54	44	93 318	36 568,595	739 027,806	20,209	19,748
55	45	92 732	35 713,890	702 459,211	19,669	19,208
56	46	92 078	34 851,913	666 745,321	19,131	18,670
57	47	91 360	33 985,432	631 893,408	18,593	18,132
58	48	90 566	33 110,576	597 907,975	18,058	17,597
59	49	89 684	32 224,238	564 797,399	17,527	17,066
60	50	88 727	31 332,107	532 573,161	16,998	16,536
61	51	87 692	30 433,985	501 241,055	16,470	16,009
62	52	86 557	29 523,480	470 807,070	15,947	15,486
63	53	85 324	28 602,337	441 283,590	15,428	14,967
64	54	84 000	27 674,342	412 681,253	14,912	14,451
65	55	82 564	26 733,280	385 006,911	14,402	13,941
66	56	81 027	25 784,373	358 273,631	13,895	13,434
67	57	79 396	24 830,957	332 489,259	13,390	12,929
68	58	77 661	23 870,671	307 658,302	12,889	12,427
69	59	75 841	22 910,070	283 787,631	12,387	11,926
70	60	73 891	21 937,232	260 877,560	11,892	11,431
71	61	71 862	20 967,875	238 940,328	11,396	10,934
72	62	69 693	19 985,214	217 972,453	10,907	10,445
73	63	67 451	19 009,863	197 987,239	10,415	9,954
74	64	65 070	18 023,384	178 977,376	9,930	9,469
75	65	62 577	17 034,523	160 953,992	9,449	8,987
76	66	59 991	16 049,715	143 919,469	8,967	8,506
77	67	57 254	15 054,250	127 869,754	8,494	8,033
78	68	54 404	14 058,642	112 815,504	8,025	7,563
79	69	51 386	13 050,575	98 756,862	7,567	7,106
80	70	48 229	12 038,094	85 706,287	7,120	6,658
81	71	44 935	11 022,862	73 668,194	6,683	6,222
82	72	41 459	9 995,335	62 645,332	6,267	5,806
83	73	37 877	8 974,753	52 649,997	5,866	5,405
84	74	34 221	7 968,849	43 675,244	5,481	5,020
85	75	30 518	6 984,429	35 706,394	5,112	4,651
86	76	26 798	6 027,555	28 721,965	4,765	4,304
87	77	23 134	5 113,882	22 694,410	4,438	3,977
88	78	19 600	4 258,182	17 580,529	4,129	3,667
89	79	16 227	3 464,842	13 322,346	3,845	3,384
90	80	13 122	2 753,690	9 857,504	3,580	3,119
91	81	10 348	2 134,198	7 103,815	3,329	2,867
92	82	7 934	1 608,238	4 969,616	3,090	2,629
93	83	5 843	1 163,894	3 361,379	2,888	2,427
94	84	4 170	816,355	2 197,484	2,692	2,231
95	85	2 846	547,513	1 381,129	2,523	2,061
96	86	1 866	352,902	833,616	2,362	1,901
97	87	1 154	214,533	480,714	2,241	1,780
98	88	689	125,897	266,181	2,114	1,653
99	89	390	70,051	140,284	2,003	1,541
100	90	209	36,928	70,233	1,902	1,441

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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9						
10						
11	0	99 527	82 236,249	3 219 318,340	39,147	38,686
12	1	99 220	80 572,732	3 137 082,091	38,935	38,474
13	2	99 189	79 161,877	3 056 509,358	38,611	38,150
14	3	99 167	77 783,247	2 977 347,481	38,277	37,816
15	4	99 143	76 427,198	2 899 564,234	37,939	37,478
16	5	99 118	75 093,531	2 823 137,036	37,595	37,134
17	6	99 085	73 777,160	2 748 043,505	37,248	36,787
18	7	99 049	72 481,931	2 674 266,345	36,896	36,434
19	8	99 006	71 204,709	2 601 784,414	36,539	36,078
20	9	98 960	69 947,355	2 530 579,705	36,178	35,717
21	10	98 911	68 710,439	2 460 632,350	35,812	35,350
22	11	98 865	67 497,372	2 391 921,911	35,437	34,976
23	12	98 813	66 301,262	2 324 424,538	35,059	34,597
24	13	98 765	65 129,145	2 258 123,276	34,671	34,210
25	14	98 708	63 972,565	2 192 994,131	34,280	33,819
26	15	98 656	62 838,972	2 129 021,566	33,881	33,419
27	16	98 599	61 722,354	2 066 182,594	33,475	33,014
28	17	98 539	60 623,848	2 004 460,240	33,064	32,603
29	18	98 478	59 544,180	1 943 836,392	32,645	32,184
30	19	98 407	58 478,028	1 884 292,212	32,222	31,761
31	20	98 334	57 429,959	1 825 814,184	31,792	31,331
32	21	98 256	56 397,030	1 768 384,225	31,356	30,895
33	22	98 177	55 382,782	1 711 987,195	30,912	30,451
34	23	98 089	54 381,572	1 656 604,413	30,463	30,001
35	24	97 996	53 395,522	1 602 222,841	30,007	29,545
36	25	97 900	52 425,637	1 548 827,319	29,543	29,082
37	26	97 797	51 469,891	1 496 401,683	29,073	28,612
38	27	97 683	50 525,585	1 444 931,791	28,598	28,137
39	28	97 558	49 592,903	1 394 406,207	28,117	27,656
40	29	97 426	48 674,187	1 344 813,303	27,629	27,168
41	30	97 280	47 765,465	1 296 139,116	27,135	26,674
42	31	97 120	46 866,465	1 248 373,651	26,637	26,176
43	32	96 949	45 979,604	1 201 507,186	26,131	25,670
44	33	96 767	45 103,762	1 155 527,582	25,619	25,158
45	34	96 558	44 232,376	1 110 423,820	25,104	24,643
46	35	96 330	43 368,859	1 066 191,445	24,584	24,123
47	36	96 080	42 512,548	1 022 822,585	24,059	23,598
48	37	95 809	41 663,328	980 310,038	23,529	23,068
49	38	95 509	40 818,641	938 646,710	22,996	22,534
50	39	95 168	39 973,275	897 828,069	22,461	22,000
51	40	94 795	39 131,642	857 854,794	21,922	21,461
52	41	94 379	38 289,969	818 723,153	21,382	20,921
53	42	93 918	37 447,857	780 433,183	20,841	20,379
54	43	93 403	36 601,832	742 985,327	20,299	19,838
55	44	92 822	35 748,587	706 383,494	19,760	19,299
56	45	92 184	34 892,117	670 634,908	19,220	18,759
57	46	91 471	34 026,861	635 742,791	18,684	18,222
58	47	90 690	33 156,010	601 715,930	18,148	17,687
59	48	89 827	32 275,687	568 559,920	17,616	17,155
60	49	88 882	31 386,974	536 284,233	17,086	16,625
61	50	87 854	30 490,490	504 897,260	16,559	16,098
62	51	86 743	29 586,875	474 406,770	16,034	15,573
63	52	85 523	28 669,221	444 819,895	15,516	15,054
64	53	84 216	27 745,584	416 150,674	14,999	14,538
65	54	82 803	26 810,728	388 405,090	14,487	14,026
66	55	81 291	25 868,327	361 594,362	13,978	13,517
67	56	79 681	24 920,095	335 726,035	13,472	13,011
68	57	77 967	23 964,712	310 805,940	12,969	12,508
69	58	76 172	23 010,151	286 841,228	12,466	12,005
70	59	74 240	22 040,965	263 831,077	11,970	11,509
71	60	72 243	21 079,087	241 790,112	11,471	11,009
72	61	70 091	20 099,498	220 711,025	10,981	10,520
73	62	67 868	19 127,197	200 611,527	10,488	10,027
74	63	65 513	18 145,848	181 484,330	10,001	9,540
75	64	63 048	17 162,775	163 338,482	9,517	9,056
76	65	60 473	16 178,666	146 175,707	9,035	8,574
77	66	57 761	15 187,323	129 997,040	8,560	8,098
78	67	54 924	14 193,225	114 809,717	8,089	7,628
79	68	51 930	13 188,602	100 616,492	7,629	7,168
80	69	48 793	12 178,815	87 427,890	7,179	6,717
81	70	45 508	11 163,509	75 249,075	6,741	6,279
82	71	42 035	10 134,191	64 085,566	6,324	5,862
83	72	38 447	9 109,701	53 951,375	5,922	5,461
84	73	34 792	8 101,851	44 841,674	5,535	5,074
85	74	31 072	7 111,317	36 739,823	5,166	4,705
86	75	27 323	6 145,746	29 628,506	4,821	4,360
87	76	23 644	5 226,598	23 482,760	4,493	4,032
88	77	20 078	4 361,982	18 256,162	4,185	3,724
89	78	16 685	3 562,629	13 894,179	3,900	3,439
90	79	13 548	2 843,001	10 331,550	3,634	3,173
91	80	10 740	2 214,959	7 488,549	3,381	2,920
92	81	8 288	1 679,927	5 273,590	3,139	2,678
93	82	6 146	1 224,351	3 593,664	2,935	2,474
94	83	4 420	865,435	2 369,312	2,738	2,277
95	84	3 044	585,678	1 503,877	2,568	2,107
96	85	2 020	381,980	918,200	2,404	1,943
97	86	1 265	235,023	536,219	2,282	1,820
98	87	766	139,877	301,197	2,153	1,692
99	88	441	79,082	161,320	2,040	1,579
100	89	240	42,423	82,237	1,939	1,477

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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11						
12	0	99 520	80 815,611	3 141 429,875	38,872	38,410
13	1	99 214	79 181,509	3 060 614,264	38,653	38,192
14	2	99 179	77 792,911	2 981 432,755	38,325	37,864
15	3	99 154	76 435,081	2 903 639,844	37,988	37,527
16	4	99 128	75 100,717	2 827 204,763	37,646	37,184
17	5	99 094	73 783,732	2 752 104,046	37,300	36,838
18	6	99 058	72 488,343	2 678 320,314	36,948	36,487
19	7	99 011	71 208,017	2 605 831,970	36,595	36,133
20	8	98 967	69 952,229	2 534 623,953	36,234	35,772
21	9	98 917	68 714,643	2 464 671,724	35,868	35,407
22	10	98 871	67 501,321	2 395 957,081	35,495	35,034
23	11	98 820	66 306,390	2 328 455,760	35,117	34,655
24	12	98 772	65 134,260	2 262 149,370	34,731	34,269
25	13	98 718	63 978,592	2 197 015,111	34,340	33,879
26	14	98 665	62 844,767	2 133 036,518	33,941	33,480
27	15	98 611	61 729,865	2 070 191,751	33,536	33,075
28	16	98 553	60 632,776	2 008 461,887	33,125	32,664
29	17	98 491	59 552,289	1 947 829,111	32,708	32,247
30	18	98 426	58 489,552	1 888 276,822	32,284	31,823
31	19	98 352	57 439,999	1 829 787,271	31,856	31,394
32	20	98 274	56 407,459	1 772 347,272	31,420	30,959
33	21	98 193	55 391,916	1 715 939,813	30,978	30,517
34	22	98 105	54 390,427	1 660 547,897	30,530	30,069
35	23	98 014	53 405,133	1 606 157,470	30,075	29,614
36	24	97 918	52 435,072	1 552 752,337	29,613	29,152
37	25	97 816	51 479,684	1 500 317,265	29,144	28,683
38	26	97 701	50 535,095	1 448 837,581	28,670	28,209
39	27	97 579	49 603,577	1 398 302,486	28,190	27,728
40	28	97 449	48 685,659	1 348 698,909	27,702	27,241
41	29	97 306	47 777,829	1 300 013,250	27,210	26,748
42	30	97 151	46 881,333	1 252 235,421	26,711	26,250
43	31	96 980	45 994,046	1 205 354,089	26,207	25,746
44	32	96 800	45 119,221	1 159 360,042	25,695	25,234
45	33	96 593	44 248,320	1 114 240,822	25,182	24,720
46	34	96 369	43 386,474	1 069 992,502	24,662	24,201
47	35	96 120	42 530,076	1 026 606,028	24,138	23,677
48	36	95 853	41 682,439	984 075,952	23,609	23,148
49	37	95 555	40 838,025	942 393,513	23,076	22,615
50	38	95 225	39 997,403	901 555,488	22,540	22,079
51	39	94 852	39 155,180	861 558,085	22,004	21,542
52	40	94 444	38 316,243	822 402,905	21,464	21,002
53	41	93 988	37 475,598	784 086,662	20,923	20,461
54	42	93 477	36 630,908	746 611,064	20,382	19,921
55	43	92 907	35 781,078	709 980,156	19,842	19,381
56	44	92 273	34 926,015	674 199,077	19,304	18,842
57	45	91 577	34 066,113	639 273,062	18,766	18,304
58	46	90 800	33 196,427	605 206,949	18,231	17,770
59	47	89 950	32 319,975	572 010,522	17,698	17,237
60	48	89 024	31 437,086	539 690,547	17,167	16,706
61	49	88 008	30 543,883	508 253,461	16,640	16,179
62	50	86 904	29 641,807	477 709,579	16,116	15,655
63	51	85 707	28 730,783	448 067,771	15,595	15,134
64	52	84 413	27 810,465	419 336,989	15,078	14,617
65	53	83 016	26 879,746	391 526,524	14,566	14,105
66	54	81 526	25 943,269	364 646,778	14,056	13,594
67	55	79 941	25 001,236	338 703,509	13,547	13,086
68	56	78 247	24 050,740	313 702,273	13,043	12,582
69	57	76 472	23 100,801	289 651,533	12,539	12,077
70	58	74 565	22 137,249	266 550,731	12,041	11,580
71	59	72 585	21 178,762	244 413,482	11,540	11,079
72	60	70 463	20 206,104	223 234,720	11,048	10,587
73	61	68 256	19 236,574	203 028,616	10,554	10,093
74	62	65 917	18 257,850	183 792,042	10,066	9,605
75	63	63 476	17 279,392	165 534,192	9,580	9,119
76	64	60 928	16 300,474	148 254,800	9,095	8,634
77	65	58 225	15 309,346	131 954,326	8,619	8,158
78	66	55 410	14 318,687	116 644,980	8,146	7,685
79	67	52 427	13 314,857	102 326,293	7,685	7,224
80	68	49 309	12 307,623	89 011,437	7,232	6,771
81	69	46 040	11 294,006	76 703,814	6,792	6,330
82	70	42 571	10 263,499	65 409,808	6,373	5,912
83	71	38 981	9 236,254	55 146,308	5,971	5,509
84	72	35 315	8 223,673	45 910,055	5,583	5,121
85	73	31 591	7 230,006	37 686,382	5,212	4,751
86	74	27 820	6 257,398	30 456,376	4,867	4,406
87	75	24 107	5 329,084	24 198,978	4,541	4,080
88	76	20 520	4 458,126	18 869,894	4,233	3,771
89	77	17 092	3 649,474	14 411,768	3,949	3,488
90	78	13 930	2 923,238	10 762,294	3,682	3,220
91	79	11 088	2 286,798	7 839,056	3,428	2,967
92	80	8 602	1 743,497	5 552,259	3,185	2,723
93	81	6 420	1 278,928	3 808,761	2,978	2,517
94	82	4 650	910,389	2 529,833	2,779	2,318
95	83	3 227	620,889	1 619,444	2,608	2,147
96	84	2 161	408,606	998,555	2,444	1,983
97	85	1 369	254,388	589,949	2,319	1,858
98	86	839	153,236	335,561	2,190	1,729
99	87	489	87,864	182,325	2,075	1,614
100	88	271	47,892	94,461	1,972	1,511

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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13	0	99 513	79 420,194	3 064 617,543	38,587	38,126
14	1	99 204	77 812,204	2 985 197,348	38,364	37,903
15	2	99 166	76 444,577	2 907 385,145	38,033	37,571
16	3	99 138	75 108,463	2 830 940,568	37,691	37,230
17	4	99 103	73 790,793	2 755 832,105	37,347	36,885
18	5	99 066	72 494,801	2 682 041,312	36,996	36,535
19	6	99 020	71 214,317	2 609 546,511	36,644	36,182
20	7	98 971	69 955,479	2 538 332,194	36,285	35,824
21	8	98 924	68 719,432	2 468 376,714	35,920	35,458
22	9	98 877	67 505,450	2 399 657,283	35,548	35,086
23	10	98 826	66 310,268	2 332 151,833	35,170	34,709
24	11	98 780	65 139,297	2 265 841,564	34,785	34,323
25	12	98 725	63 983,617	2 200 702,268	34,395	33,934
26	13	98 674	62 850,688	2 136 718,651	33,997	33,536
27	14	98 620	61 735,557	2 073 867,963	33,593	33,132
28	15	98 565	60 640,153	2 012 132,405	33,182	32,720
29	16	98 506	59 561,059	1 951 492,252	32,765	32,303
30	17	98 440	58 497,517	1 891 931,193	32,342	31,881
31	18	98 371	57 451,318	1 833 433,676	31,913	31,452
32	19	98 291	56 417,320	1 775 982,359	31,479	31,018
33	20	98 212	55 402,159	1 719 565,038	31,038	30,577
34	21	98 122	54 399,397	1 664 162,880	30,592	30,130
35	22	98 030	53 413,829	1 609 763,483	30,138	29,676
36	23	97 935	52 444,510	1 556 349,653	29,676	29,215
37	24	97 833	51 488,949	1 503 905,144	29,208	28,747
38	25	97 720	50 544,710	1 452 416,195	28,735	28,274
39	26	97 597	49 612,914	1 401 871,485	28,256	27,795
40	27	97 470	48 696,138	1 352 258,571	27,769	27,308
41	28	97 328	47 789,090	1 303 562,433	27,277	26,816
42	29	97 176	46 893,467	1 255 773,343	26,779	26,318
43	30	97 011	46 008,637	1 208 879,876	26,275	25,814
44	31	96 831	45 133,393	1 162 871,239	25,765	25,304
45	32	96 626	44 263,486	1 117 737,846	25,252	24,791
46	33	96 404	43 402,113	1 073 474,361	24,733	24,272
47	34	96 159	42 547,350	1 030 072,247	24,210	23,749
48	35	95 892	41 699,625	987 524,898	23,682	23,221
49	36	95 598	40 856,758	945 825,273	23,150	22,689
50	37	95 271	40 016,398	904 968,515	22,615	22,154
51	38	94 909	39 178,814	864 952,117	22,077	21,616
52	39	94 500	38 339,290	825 773,303	21,539	21,077
53	40	94 053	37 501,313	787 434,013	20,998	20,536
54	41	93 547	36 658,045	749 932,700	20,458	19,996
55	42	92 980	35 809,503	713 274,655	19,919	19,457
56	43	92 357	34 957,759	677 465,153	19,380	18,918
57	44	91 666	34 099,209	642 507,393	18,842	18,381
58	45	90 905	33 234,721	608 408,185	18,306	17,845
59	46	90 060	32 359,373	575 173,464	17,775	17,313
60	47	89 146	31 480,223	542 814,090	17,243	16,782
61	48	88 149	30 592,649	511 333,867	16,714	16,253
62	49	87 056	29 693,714	480 741,218	16,190	15,729
63	50	85 866	28 784,125	451 047,504	15,670	15,209
64	51	84 595	27 870,182	422 263,379	15,151	14,690
65	52	83 210	26 942,602	394 393,197	14,638	14,177
66	53	81 736	26 010,054	367 450,595	14,127	13,666
67	54	80 172	25 073,666	341 440,540	13,617	13,156
68	55	78 502	24 129,050	316 366,874	13,111	12,650
69	56	76 746	23 183,729	292 237,824	12,605	12,144
70	57	74 858	22 224,461	269 054,096	12,106	11,645
71	58	72 902	21 271,280	246 829,635	11,604	11,143
72	59	70 796	20 301,651	225 558,355	11,110	10,649
73	60	68 618	19 338,604	205 256,704	10,614	10,153
74	61	66 294	18 362,256	185 918,100	10,125	9,664
75	62	63 868	17 386,046	167 555,845	9,637	9,176
76	63	61 342	16 411,232	150 169,799	9,150	8,689
77	64	58 663	15 424,609	133 758,567	8,672	8,211
78	65	55 855	14 433,730	118 333,959	8,198	7,737
79	66	52 890	13 432,554	103 900,228	7,735	7,274
80	67	49 781	12 425,443	90 467,674	7,281	6,820
81	68	46 527	11 413,456	78 042,231	6,838	6,377
82	69	43 069	10 383,476	66 628,775	6,417	5,956
83	70	39 478	9 354,104	56 245,299	6,013	5,552
84	71	35 805	8 337,917	46 891,195	5,624	5,163
85	72	32 066	7 338,719	38 553,278	5,253	4,792
86	73	28 284	6 361,835	31 214,559	4,907	4,445
87	74	24 545	5 425,899	24 852,724	4,580	4,119
88	75	20 923	4 545,543	19 426,825	4,274	3,813
89	76	17 469	3 729,913	14 881,282	3,990	3,529
90	77	14 270	2 994,497	11 151,369	3,724	3,263
91	78	11 401	2 351,337	8 156,872	3,469	3,008
92	79	8 881	1 800,045	5 805,535	3,225	2,764
93	80	6 663	1 327,324	4 005,491	3,018	2,557
94	81	4 857	950,971	2 678,166	2,816	2,355
95	82	3 395	653,141	1 727,196	2,644	2,183
96	83	2 291	433,172	1 074,055	2,480	2,018
97	84	1 464	272,120	640,883	2,355	1,894
98	85	908	165,862	368,763	2,223	1,762
99	86	536	96,256	202,901	2,108	1,647
100	87	302	53,210	106,645	2,004	1,543

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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14	0	99 503	78 046,761	2 988 884,208	38,296	37,835
15	1	99 191	76 463,535	2 910 837,447	38,068	37,607
16	2	99 150	75 117,795	2 834 373,912	37,732	37,271
17	3	99 113	73 798,404	2 759 256,117	37,389	36,928
18	4	99 076	72 501,739	2 685 457,713	37,040	36,579
19	5	99 028	71 220,661	2 612 955,975	36,688	36,227
20	6	98 980	69 961,668	2 541 735,313	36,330	35,869
21	7	98 929	68 722,624	2 471 773,645	35,967	35,506
22	8	98 884	67 510,155	2 403 051,021	35,595	35,134
23	9	98 832	66 314,325	2 335 540,866	35,219	34,758
24	10	98 786	65 143,107	2 269 226,542	34,834	34,373
25	11	98 733	63 988,565	2 204 083,434	34,445	33,984
26	12	98 682	62 855,624	2 140 094,870	34,048	33,587
27	13	98 629	61 741,374	2 077 239,246	33,644	33,183
28	14	98 574	60 645,745	2 015 497,872	33,234	32,773
29	15	98 517	59 568,306	1 954 852,126	32,817	32,356
30	16	98 454	58 506,132	1 895 283,820	32,395	31,933
31	17	98 384	57 459,142	1 836 777,688	31,967	31,505
32	18	98 310	56 428,437	1 779 318,547	31,532	31,071
33	19	98 229	55 411,844	1 722 890,109	31,092	30,631
34	20	98 140	54 409,456	1 667 478,265	30,647	30,186
35	21	98 046	53 422,639	1 613 068,809	30,194	29,733
36	22	97 951	52 453,050	1 559 646,170	29,734	29,273
37	23	97 851	51 498,217	1 507 193,121	29,267	28,806
38	24	97 738	50 553,807	1 455 694,904	28,795	28,334
39	25	97 616	49 622,353	1 405 141,097	28,317	27,855
40	26	97 488	48 705,304	1 355 518,744	27,831	27,370
41	27	97 349	47 799,375	1 306 813,440	27,340	26,878
42	28	97 199	46 904,520	1 259 014,064	26,842	26,381
43	29	97 036	46 020,545	1 212 109,545	26,338	25,877
44	30	96 861	45 147,710	1 166 088,999	25,828	25,367
45	31	96 656	44 277,389	1 120 941,289	25,316	24,855
46	32	96 437	43 416,989	1 076 663,900	24,798	24,337
47	33	96 194	42 562,686	1 033 246,911	24,276	23,815
48	34	95 931	41 716,561	990 684,224	23,748	23,287
49	35	95 638	40 873,603	948 967,663	23,217	22,756
50	36	95 314	40 034,754	908 094,060	22,683	22,221
51	37	94 954	39 197,420	868 059,306	22,146	21,685
52	38	94 557	38 362,432	828 861,886	21,606	21,145
53	39	94 109	37 523,870	790 499,454	21,067	20,605
54	40	93 611	36 683,198	752 975,584	20,526	20,065
55	41	93 049	35 836,031	716 292,386	19,988	19,527
56	42	92 431	34 985,529	680 456,355	19,450	18,988
57	43	91 749	34 130,201	645 470,826	18,912	18,451
58	44	90 993	33 267,009	611 340,624	18,377	17,916
59	45	90 164	32 396,702	578 073,615	17,844	17,382
60	46	89 255	31 518,598	545 676,913	17,313	16,852
61	47	88 270	30 634,627	514 158,316	16,784	16,322
62	48	87 195	29 741,123	483 523,688	16,258	15,797
63	49	86 016	28 834,530	453 782,565	15,737	15,276
64	50	84 752	27 921,927	424 948,035	15,219	14,758
65	51	83 389	27 000,456	397 026,108	14,704	14,243
66	52	81 927	26 070,877	370 025,652	14,193	13,732
67	53	80 379	25 138,213	343 954,775	13,683	13,221
68	54	78 729	24 198,953	318 816,562	13,175	12,714
69	55	76 996	23 259,215	294 617,609	12,667	12,206
70	56	75 127	22 304,242	271 358,394	12,166	11,705
71	57	73 189	21 355,080	249 054,152	11,663	11,201
72	58	71 105	20 390,337	227 699,072	11,167	10,706
73	59	68 942	19 430,049	207 308,735	10,669	10,208
74	60	66 645	18 459,648	187 878,686	10,178	9,717
75	61	64 233	17 485,466	169 419,038	9,689	9,228
76	62	61 720	16 512,527	151 933,573	9,201	8,740
77	63	59 062	15 529,415	135 421,045	8,720	8,259
78	64	56 276	14 542,401	119 891,630	8,244	7,783
79	65	53 315	13 540,478	105 349,230	7,780	7,319
80	66	50 221	12 535,279	91 808,752	7,324	6,863
81	67	46 972	11 522,717	79 273,473	6,880	6,419
82	68	43 525	10 493,295	67 750,756	6,457	5,995
83	69	39 940	9 463,450	57 257,461	6,050	5,589
84	70	36 262	8 444,305	47 794,010	5,660	5,199
85	71	32 512	7 440,670	39 349,705	5,288	4,827
86	72	28 709	6 457,493	31 909,036	4,941	4,480
87	73	24 955	5 516,458	25 451,542	4,614	4,153
88	74	21 303	4 628,123	19 935,084	4,307	3,846
89	75	17 811	3 803,051	15 306,961	4,025	3,564
90	76	14 584	3 060,499	11 503,910	3,759	3,298
91	77	11 679	2 408,655	8 443,411	3,505	3,044
92	78	9 131	1 850,847	6 034,756	3,261	2,799
93	79	6 879	1 370,374	4 183,910	3,053	2,592
94	80	5 041	986,957	2 813,536	2,851	2,390
95	81	3 546	682,255	1 826,579	2,677	2,216
96	82	2 410	455,673	1 144,324	2,511	2,050
97	83	1 552	288,480	688,651	2,387	1,926
98	84	971	177,424	400,171	2,255	1,794
99	85	580	104,187	222,747	2,138	1,677
100	86	330	58,292	118,560	2,034	1,573

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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15	0	99 490	76 694,027	2 914 233,692	37,998	37,537
16	1	99 175	75 136,424	2 837 539,665	37,765	37,304
17	2	99 126	73 807,573	2 762 403,241	37,427	36,966
18	3	99 086	72 509,216	2 688 595,668	37,079	36,618
19	4	99 038	71 227,477	2 616 086,452	36,729	36,267
20	5	98 989	69 967,901	2 544 858,975	36,372	35,911
21	6	98 937	68 728,704	2 474 891,074	36,010	35,548
22	7	98 889	67 513,291	2 406 162,370	35,640	35,179
23	8	98 839	66 318,946	2 338 649,079	35,264	34,802
24	9	98 792	65 147,092	2 272 330,133	34,880	34,419
25	10	98 739	63 992,308	2 207 183,040	34,491	34,030
26	11	98 690	62 860,485	2 143 190,733	34,094	33,633
27	12	98 637	61 746,223	2 080 330,248	33,692	33,230
28	13	98 584	60 651,460	2 018 584,025	33,282	32,821
29	14	98 527	59 573,799	1 957 932,566	32,866	32,404
30	15	98 466	58 513,251	1 898 358,766	32,443	31,982
31	16	98 399	57 467,604	1 839 845,515	32,015	31,554
32	17	98 324	56 436,122	1 782 377,912	31,582	31,121
33	18	98 248	55 422,763	1 725 941,790	31,141	30,680
34	19	98 157	54 418,968	1 670 519,027	30,697	30,236
35	20	98 064	53 432,517	1 616 100,058	30,246	29,784
36	21	97 967	52 461,700	1 562 667,541	29,787	29,326
37	22	97 867	51 506,602	1 510 205,841	29,321	28,859
38	23	97 755	50 562,906	1 458 699,239	28,849	28,388
39	24	97 633	49 631,284	1 408 136,332	28,372	27,911
40	25	97 507	48 714,571	1 358 505,048	27,887	27,426
41	26	97 368	47 808,373	1 309 790,478	27,397	26,935
42	27	97 220	46 914,615	1 261 982,105	26,900	26,438
43	28	97 059	46 031,392	1 215 067,490	26,396	25,935
44	29	96 886	45 159,396	1 169 036,097	25,887	25,426
45	30	96 687	44 291,435	1 123 876,701	25,375	24,913
46	31	96 467	43 430,627	1 079 585,266	24,858	24,396
47	32	96 227	42 577,275	1 036 154,640	24,336	23,875
48	33	95 966	41 731,599	993 577,365	23,809	23,348
49	34	95 677	40 890,204	951 845,766	23,278	22,817
50	35	95 354	40 051,260	910 955,562	22,745	22,284
51	36	94 997	39 215,400	870 904,302	22,208	21,747
52	37	94 602	38 380,650	831 688,902	21,669	21,208
53	38	94 166	37 546,520	793 308,252	21,129	20,667
54	39	93 667	36 705,264	755 761,732	20,590	20,129
55	40	93 113	35 860,620	719 056,468	20,051	19,590
56	41	92 499	35 011,447	683 195,848	19,513	19,052
57	42	91 822	34 157,314	648 184,401	18,976	18,515
58	43	91 076	33 297,245	614 027,087	18,441	17,980
59	44	90 251	32 428,176	580 729,842	17,908	17,447
60	45	89 358	31 554,956	548 301,666	17,376	16,915
61	46	88 377	30 671,971	516 746,710	16,848	16,386
62	47	87 315	29 781,933	486 074,739	16,321	15,860
63	48	86 154	28 880,567	456 292,806	15,799	15,338
64	49	84 900	27 970,822	427 412,238	15,281	14,819
65	50	83 544	27 050,586	399 441,416	14,766	14,305
66	51	82 103	26 126,859	372 390,830	14,253	13,792
67	52	80 567	25 196,996	346 263,971	13,742	13,281
68	53	78 932	24 261,248	321 066,975	13,234	12,773
69	54	77 219	23 326,599	296 805,727	12,724	12,263
70	55	75 372	22 376,865	273 479,128	12,222	11,760
71	56	73 452	21 431,740	251 102,263	11,716	11,255
72	57	71 386	20 470,667	229 670,523	11,219	10,758
73	58	69 244	19 514,927	209 199,856	10,720	10,259
74	59	66 961	18 546,937	189 684,929	10,227	9,766
75	60	64 574	17 578,208	171 137,992	9,736	9,275
76	61	62 073	16 606,952	153 559,785	9,247	8,786
77	62	59 426	15 625,267	136 952,832	8,765	8,304
78	63	56 658	14 641,213	121 327,565	8,287	7,826
79	64	53 717	13 642,423	106 686,352	7,820	7,359
80	65	50 625	12 635,993	93 043,929	7,363	6,902
81	66	47 388	11 624,573	80 407,936	6,917	6,456
82	67	43 941	10 593,748	68 783,363	6,493	6,032
83	68	40 362	9 563,539	58 189,616	6,085	5,623
84	69	36 686	8 543,016	48 626,076	5,692	5,231
85	70	32 926	7 535,609	40 083,060	5,319	4,858
86	71	29 108	6 547,202	32 547,451	4,971	4,510
87	72	25 330	5 599,406	26 000,249	4,643	4,182
88	73	21 658	4 705,368	20 400,844	4,336	3,874
89	74	18 135	3 872,142	15 695,476	4,053	3,592
90	75	14 870	3 120,511	11 823,334	3,789	3,328
91	76	11 936	2 461,744	8 702,823	3,535	3,074
92	77	9 354	1 895,964	6 241,079	3,292	2,831
93	78	7 073	1 409,050	4 345,115	3,084	2,623
94	79	5 205	1 018,967	2 936,065	2,881	2,420
95	80	3 680	708,072	1 917,099	2,707	2,246
96	81	2 517	475,985	1 209,026	2,540	2,079
97	82	1 633	303,465	733,041	2,416	1,954
98	83	1 030	188,091	429,576	2,284	1,823
99	84	621	111,449	241,486	2,167	1,706
100	85	358	63,096	130,036	2,061	1,600

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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16	0	99 474	75 362,915	2 840 668,937	37,693	37,232
17	1	99 150	73 825,877	2 765 306,022	37,457	36,996
18	2	99 098	72 518,225	2 691 480,145	37,115	36,653
19	3	99 048	71 234,823	2 618 961,920	36,765	36,304
20	4	98 999	69 974,596	2 547 727,097	36,409	35,948
21	5	98 946	68 734,827	2 477 752,500	36,048	35,587
22	6	98 897	67 519,264	2 409 017,674	35,679	35,218
23	7	98 844	66 322,027	2 341 498,410	35,305	34,844
24	8	98 799	65 151,632	2 275 176,382	34,921	34,460
25	9	98 745	63 996,223	2 210 024,750	34,534	34,072
26	10	98 696	62 864,162	2 146 028,527	34,138	33,676
27	11	98 645	61 750,998	2 083 164,365	33,735	33,274
28	12	98 591	60 656,223	2 021 413,368	33,326	32,865
29	13	98 536	59 579,413	1 960 757,145	32,910	32,449
30	14	98 475	58 518,646	1 901 177,732	32,488	32,027
31	15	98 411	57 474,596	1 842 659,086	32,060	31,599
32	16	98 338	56 444,433	1 785 184,489	31,627	31,166
33	17	98 261	55 430,311	1 728 740,056	31,188	30,726
34	18	98 176	54 429,692	1 673 309,746	30,743	30,281
35	19	98 081	53 441,858	1 618 880,054	30,292	29,831
36	20	97 985	52 471,401	1 565 438,195	29,834	29,373
37	21	97 883	51 515,097	1 512 966,794	29,369	28,908
38	22	97 771	50 571,140	1 461 451,697	28,899	28,438
39	23	97 651	49 640,217	1 410 880,557	28,422	27,961
40	24	97 525	48 723,338	1 361 240,340	27,938	27,477
41	25	97 386	47 817,469	1 312 517,002	27,448	26,987
42	26	97 238	46 923,446	1 264 699,533	26,952	26,491
43	27	97 080	46 041,300	1 217 776,087	26,450	25,988
44	28	96 909	45 170,040	1 171 734,788	25,941	25,479
45	29	96 712	44 302,899	1 126 564,747	25,429	24,967
46	30	96 498	43 444,404	1 082 261,848	24,911	24,450
47	31	96 257	42 590,648	1 038 817,444	24,391	23,930
48	32	95 999	41 745,902	996 226,796	23,864	23,403
49	33	95 711	40 904,944	954 480,894	23,334	22,873
50	34	95 392	40 067,527	913 575,951	22,801	22,340
51	35	95 037	39 231,569	873 508,423	22,265	21,804
52	36	94 646	38 398,256	834 276,855	21,727	21,266
53	37	94 211	37 564,350	795 878,599	21,187	20,726
54	38	93 724	36 727,419	758 314,249	20,647	20,186
55	39	93 169	35 882,190	721 586,829	20,110	19,649
56	40	92 563	35 035,471	685 704,639	19,572	19,111
57	41	91 890	34 182,618	650 669,168	19,035	18,574
58	42	91 148	33 323,696	616 486,550	18,500	18,039
59	43	90 333	32 457,649	583 162,854	17,967	17,506
60	44	89 445	31 585,613	550 705,204	17,435	16,974
61	45	88 479	30 707,353	519 119,592	16,905	16,444
62	46	87 421	29 818,237	488 412,238	16,380	15,918
63	47	86 272	28 920,197	458 594,001	15,857	15,396
64	48	85 036	28 015,480	429 673,804	15,337	14,876
65	49	83 690	27 097,955	401 658,324	14,822	14,361
66	50	82 255	26 175,367	374 560,369	14,310	13,848
67	51	80 740	25 251,102	348 385,002	13,797	13,336
68	52	79 117	24 317,981	323 133,900	13,288	12,827
69	53	77 418	23 386,648	298 815,919	12,777	12,316
70	54	75 590	22 441,692	275 429,271	12,273	11,812
71	55	73 691	21 501,522	252 987,579	11,766	11,305
72	56	71 642	20 544,152	231 486,056	11,268	10,807
73	57	69 516	19 591,808	210 941,904	10,767	10,306
74	58	67 253	18 627,957	191 350,096	10,272	9,811
75	59	64 879	17 661,328	172 722,139	9,780	9,318
76	60	62 403	16 695,035	155 060,811	9,288	8,827
77	61	59 766	15 714,619	138 365,776	8,805	8,344
78	62	57 008	14 731,583	122 651,157	8,326	7,865
79	63	54 082	13 735,120	107 919,574	7,857	7,396
80	64	51 006	12 731,129	94 184,454	7,398	6,937
81	65	47 768	11 717,970	81 453,326	6,951	6,490
82	66	44 330	10 687,392	69 735,356	6,525	6,064
83	67	40 749	9 655,091	59 047,964	6,116	5,655
84	68	37 074	8 633,370	49 392,873	5,721	5,260
85	69	33 311	7 623,698	40 759,502	5,346	4,885
86	70	29 480	6 630,741	33 135,805	4,997	4,536
87	71	25 682	5 677,193	26 505,064	4,669	4,207
88	72	21 984	4 776,119	20 827,870	4,361	3,900
89	73	18 438	3 936,769	16 051,751	4,077	3,616
90	74	15 141	3 177,202	12 114,983	3,813	3,352
91	75	12 171	2 510,016	8 937,781	3,561	3,100
92	76	9 560	1 937,753	6 427,765	3,317	2,856
93	77	7 246	1 443,397	4 490,012	3,111	2,650
94	78	5 352	1 047,725	3 046,614	2,908	2,447
95	79	3 799	731,038	1 998,890	2,734	2,273
96	80	2 612	493,997	1 267,852	2,567	2,105
97	81	1 706	316,992	773,855	2,441	1,980
98	82	1 083	197,861	456,863	2,309	1,848
99	83	658	118,150	259,002	2,192	1,731
100	84	383	67,494	140,852	2,087	1,626

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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17	0	99 449	74 048,418	2 768 189,919	37,384	36,922
18	1	99 123	72 536,210	2 694 141,501	37,142	36,681
19	2	99 060	71 243,673	2 621 605,292	36,798	36,337
20	3	99 009	69 981,813	2 550 361,619	36,443	35,982
21	4	98 956	68 741,404	2 480 379,805	36,083	35,622
22	5	98 906	67 525,279	2 411 638,401	35,715	35,253
23	6	98 853	66 327,895	2 344 113,122	35,341	34,880
24	7	98 803	65 154,659	2 277 785,227	34,960	34,498
25	8	98 752	64 000,683	2 212 630,568	34,572	34,111
26	9	98 702	62 868,008	2 148 629,885	34,177	33,716
27	10	98 650	61 754,610	2 085 761,877	33,775	33,314
28	11	98 599	60 660,913	2 024 007,267	33,366	32,905
29	12	98 544	59 584,091	1 963 346,354	32,951	32,490
30	13	98 484	58 524,160	1 903 762,263	32,530	32,068
31	14	98 420	57 479,896	1 845 238,102	32,102	31,641
32	15	98 350	56 451,301	1 787 758,206	31,669	31,208
33	16	98 276	55 438,474	1 731 306,905	31,229	30,768
34	17	98 190	54 437,104	1 675 868,431	30,785	30,324
35	18	98 101	53 452,389	1 621 431,326	30,334	29,873
36	19	98 003	52 480,574	1 567 978,937	29,877	29,416
37	20	97 901	51 524,623	1 515 498,363	29,413	28,952
38	21	97 787	50 579,480	1 463 973,740	28,944	28,483
39	22	97 667	49 648,301	1 413 394,260	28,468	28,007
40	23	97 542	48 732,108	1 363 745,959	27,985	27,523
41	24	97 404	47 826,075	1 315 013,851	27,496	27,035
42	25	97 256	46 932,374	1 267 187,777	27,000	26,539
43	26	97 098	46 049,966	1 220 255,403	26,499	26,037
44	27	96 930	45 179,762	1 174 205,437	25,990	25,528
45	28	96 735	44 313,341	1 129 025,675	25,478	25,017
46	29	96 523	43 455,649	1 084 712,334	24,961	24,500
47	30	96 287	42 604,159	1 041 256,685	24,440	23,979
48	31	96 029	41 759,014	998 652,526	23,915	23,453
49	32	95 744	40 918,964	956 893,511	23,385	22,924
50	33	95 427	40 081,970	915 974,548	22,853	22,391
51	34	95 075	39 247,503	875 892,578	22,317	21,856
52	35	94 685	38 414,087	836 645,075	21,780	21,318
53	36	94 254	37 581,582	798 230,987	21,240	20,779
54	37	93 768	36 744,861	760 649,406	20,701	20,240
55	38	93 225	35 903,849	723 904,545	20,162	19,701
56	39	92 618	35 056,545	688 000,695	19,625	19,164
57	40	91 953	34 206,073	652 944,151	19,089	18,627
58	41	91 216	33 348,383	618 738,078	18,554	18,093
59	42	90 405	32 483,433	585 389,695	18,021	17,560
60	43	89 526	31 614,320	552 906,261	17,489	17,028
61	44	88 565	30 737,186	521 291,941	16,960	16,498
62	45	87 522	29 852,635	490 554,755	16,433	15,971
63	46	86 377	28 955,450	460 702,120	15,911	15,450
64	47	85 152	28 053,922	431 746,670	15,390	14,929
65	48	83 824	27 141,220	403 692,747	14,874	14,413
66	49	82 399	26 221,204	376 551,528	14,361	13,899
67	50	80 889	25 297,984	350 330,324	13,848	13,387
68	51	79 287	24 370,199	325 032,340	13,337	12,876
69	52	77 599	23 441,336	300 662,141	12,826	12,365
70	53	75 785	22 499,464	277 220,805	12,321	11,860
71	54	73 904	21 563,814	254 721,342	11,812	11,351
72	55	71 875	20 611,044	233 157,528	11,312	10,851
73	56	69 766	19 662,139	212 546,483	10,810	10,349
74	57	67 518	18 701,344	192 884,345	10,314	9,853
75	58	65 163	17 738,480	174 183,001	9,819	9,358
76	59	62 698	16 773,979	156 444,521	9,327	8,865
77	60	60 083	15 797,968	139 670,542	8,841	8,380
78	61	57 334	14 815,824	123 872,574	8,361	7,900
79	62	54 416	13 819,897	109 056,750	7,891	7,430
80	63	51 352	12 817,634	95 236,853	7,430	6,969
81	64	48 128	11 806,194	82 419,219	6,981	6,520
82	65	44 686	10 773,259	70 613,025	6,554	6,093
83	66	41 109	9 740,438	59 839,766	6,143	5,682
84	67	37 429	8 716,018	50 099,328	5,748	5,287
85	68	33 664	7 704,329	41 383,310	5,371	4,910
86	69	29 824	6 708,252	33 678,981	5,021	4,559
87	70	26 010	5 749,632	26 970,729	4,691	4,230
88	71	22 289	4 842,469	21 221,098	4,382	3,921
89	72	18 715	3 995,963	16 378,628	4,099	3,638
90	73	15 393	3 230,230	12 382,665	3,833	3,372
91	74	12 392	2 555,616	9 152,435	3,581	3,120
92	75	9 748	1 975,750	6 596,819	3,339	2,878
93	76	7 406	1 475,212	4 621,069	3,132	2,671
94	77	5 482	1 073,265	3 145,858	2,931	2,470
95	78	3 907	751,669	2 072,593	2,757	2,296
96	79	2 697	510,019	1 320,924	2,590	2,129
97	80	1 770	328,988	810,905	2,465	2,004
98	81	1 132	206,681	481,917	2,332	1,870
99	82	692	124,287	275,236	2,215	1,753
100	83	406	71,551	150,950	2,110	1,648

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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18	0	99 422	72 754,863	2 696 799,781	37,067	36,606
19	1	99 085	71 261,342	2 624 044,918	36,823	36,362
20	2	99 021	69 990,508	2 552 783,576	36,473	36,012
21	3	98 966	68 748,494	2 482 793,068	36,114	35,653
22	4	98 916	67 531,741	2 414 044,574	35,747	35,286
23	5	98 861	66 333,804	2 346 512,833	35,374	34,913
24	6	98 812	65 160,423	2 280 179,029	34,993	34,532
25	7	98 756	64 003,656	2 215 018,606	34,608	34,146
26	8	98 709	62 872,389	2 151 014,950	34,212	33,751
27	9	98 656	61 758,388	2 088 142,561	33,811	33,350
28	10	98 605	60 664,462	2 026 384,173	33,403	32,942
29	11	98 551	59 588,699	1 965 719,711	32,988	32,527
30	12	98 492	58 528,756	1 906 131,012	32,567	32,106
31	13	98 429	57 485,312	1 847 602,256	32,140	31,679
32	14	98 359	56 456,507	1 790 116,943	31,708	31,247
33	15	98 288	55 445,220	1 733 660,436	31,268	30,807
34	16	98 204	54 445,121	1 678 215,217	30,824	30,363
35	17	98 114	53 459,669	1 623 770,095	30,374	29,913
36	18	98 022	52 490,916	1 570 310,427	29,916	29,455
37	19	97 918	51 533,630	1 517 819,511	29,453	28,992
38	20	97 805	50 588,833	1 466 285,881	28,984	28,523
39	21	97 683	49 656,489	1 415 697,048	28,510	28,049
40	22	97 558	48 740,043	1 366 040,559	28,027	27,566
41	23	97 421	47 834,683	1 317 300,516	27,539	27,077
42	24	97 274	46 940,820	1 269 465,833	27,044	26,583
43	25	97 116	46 058,728	1 222 525,013	26,543	26,082
44	26	96 948	45 188,266	1 176 466,285	26,035	25,574
45	27	96 756	44 322,879	1 131 278,019	25,524	25,062
46	28	96 545	43 465,891	1 086 955,140	25,007	24,546
47	29	96 312	42 615,187	1 043 489,248	24,486	24,025
48	30	96 059	41 772,262	1 000 874,062	23,960	23,499
49	31	95 774	40 931,816	959 101,800	23,432	22,970
50	32	95 459	40 095,708	918 169,984	22,899	22,438
51	33	95 109	39 261,650	878 074,276	22,365	21,903
52	34	94 723	38 429,690	838 812,626	21,827	21,366
53	35	94 293	37 597,076	800 382,936	21,288	20,827
54	36	93 811	36 761,716	762 785,860	20,749	20,288
55	37	93 270	35 920,900	726 024,144	20,212	19,751
56	38	92 674	35 077,705	690 103,244	19,674	19,212
57	39	92 008	34 226,648	655 025,538	19,138	18,677
58	40	91 279	33 371,265	620 798,890	18,603	18,142
59	41	90 472	32 507,498	587 427,625	18,071	17,609
60	42	89 597	31 639,435	554 920,127	17,539	17,078
61	43	88 646	30 765,123	523 280,693	17,009	16,548
62	44	87 607	29 881,637	492 515,570	16,482	16,021
63	45	86 477	28 988,852	462 633,933	15,959	15,498
64	46	85 256	28 088,120	433 645,081	15,439	14,978
65	47	83 939	27 178,462	405 556,961	14,922	14,461
66	48	82 531	26 263,068	378 378,498	14,407	13,946
67	49	81 031	25 342,284	352 115,430	13,894	13,433
68	50	79 434	24 415,446	326 773,146	13,384	12,923
69	51	77 766	23 491,671	302 357,700	12,871	12,410
70	52	75 962	22 552,077	278 866,028	12,365	11,904
71	53	74 094	21 619,325	256 313,952	11,856	11,395
72	54	72 083	20 670,756	234 694,627	11,354	10,893
73	55	69 993	19 726,159	214 023,871	10,850	10,389
74	56	67 760	18 768,478	194 297,712	10,352	9,891
75	57	65 419	17 808,363	175 529,234	9,857	9,395
76	58	62 972	16 847,255	157 720,871	9,362	8,901
77	59	60 367	15 872,671	140 873,617	8,875	8,414
78	60	57 638	14 894,406	125 000,946	8,392	7,931
79	61	54 727	13 898,925	110 106,540	7,922	7,461
80	62	51 669	12 896,748	96 207,615	7,460	6,999
81	63	48 455	11 886,414	83 310,867	7,009	6,548
82	64	45 022	10 854,371	71 424,453	6,580	6,119
83	65	41 439	9 818,697	60 570,082	6,169	5,708
84	66	37 760	8 793,063	50 751,385	5,772	5,311
85	67	33 986	7 778,082	41 958,322	5,394	4,933
86	68	30 140	6 779,201	34 180,240	5,042	4,581
87	69	26 314	5 816,843	27 401,039	4,711	4,249
88	70	22 574	4 904,257	21 584,196	4,401	3,940
89	71	18 975	4 051,476	16 679,939	4,117	3,656
90	72	15 625	3 278,801	12 628,463	3,852	3,390
91	73	12 598	2 598,269	9 349,662	3,598	3,137
92	74	9 925	2 011,644	6 751,393	3,356	2,895
93	75	7 551	1 504,138	4 739,749	3,151	2,690
94	76	5 603	1 096,921	3 235,610	2,950	2,489
95	77	4 002	769,992	2 138,690	2,778	2,316
96	78	2 773	524,413	1 368,697	2,610	2,149
97	79	1 828	339,658	844,284	2,486	2,024
98	80	1 174	214,502	504,626	2,353	1,891
99	81	723	129,827	290,124	2,235	1,773
100	82	427	75,268	160,297	2,130	1,668

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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19	0	99 384	71 476,152	2 626 495,617	36,746	36,285
20	1	99 046	70 007,866	2 555 019,465	36,496	36,035
21	2	98 978	68 757,036	2 485 011,599	36,142	35,681
22	3	98 926	67 538,706	2 416 254,564	35,776	35,315
23	4	98 871	66 340,152	2 348 715,858	35,404	34,943
24	5	98 821	65 166,228	2 282 375,706	35,024	34,563
25	6	98 765	64 009,318	2 217 209,478	34,639	34,178
26	7	98 713	62 875,310	2 153 200,159	34,246	33,784
27	8	98 663	61 762,692	2 090 324,850	33,844	33,383
28	9	98 611	60 668,173	2 028 562,158	33,437	32,976
29	10	98 557	59 592,185	1 967 893,985	33,023	32,561
30	11	98 500	58 533,282	1 908 301,800	32,602	32,141
31	12	98 437	57 489,827	1 849 768,517	32,176	31,714
32	13	98 369	56 461,827	1 792 278,691	31,743	31,282
33	14	98 297	55 450,333	1 735 816,864	31,304	30,843
34	15	98 216	54 451,746	1 680 366,532	30,860	30,399
35	16	98 128	53 467,541	1 625 914,785	30,409	29,948
36	17	98 035	52 498,064	1 572 447,244	29,952	29,491
37	18	97 938	51 543,785	1 519 949,180	29,489	29,027
38	19	97 822	50 597,677	1 468 405,394	29,021	28,560
39	20	97 701	49 665,671	1 417 807,718	28,547	28,086
40	21	97 574	48 748,082	1 368 142,046	28,066	27,604
41	22	97 437	47 842,472	1 319 393,965	27,578	27,117
42	23	97 291	46 949,269	1 271 551,493	27,084	26,622
43	24	97 134	46 067,017	1 224 602,223	26,583	26,122
44	25	96 967	45 196,864	1 178 535,207	26,076	25,614
45	26	96 774	44 331,222	1 133 338,343	25,565	25,104
46	27	96 566	43 475,247	1 089 007,121	25,049	24,588
47	28	96 335	42 625,231	1 045 531,874	24,528	24,067
48	29	96 084	41 783,074	1 002 906,644	24,003	23,541
49	30	95 804	40 944,801	961 123,570	23,474	23,012
50	31	95 489	40 108,302	920 178,769	22,942	22,481
51	32	95 142	39 275,107	880 070,467	22,408	21,947
52	33	94 757	38 443,542	840 795,360	21,871	21,410
53	34	94 331	37 612,347	802 351,818	21,332	20,871
54	35	93 850	36 776,873	764 739,471	20,794	20,333
55	36	93 312	35 937,377	727 962,598	20,256	19,795
56	37	92 718	35 094,363	692 025,221	19,719	19,258
57	38	92 064	34 247,308	656 930,857	19,182	18,721
58	39	91 333	33 391,339	622 683,550	18,648	18,187
59	40	90 534	32 529,803	589 292,211	18,115	17,654
60	41	89 663	31 662,873	556 762,408	17,584	17,123
61	42	88 716	30 789,562	525 099,535	17,054	16,593
62	43	87 687	29 908,796	494 309,972	16,527	16,066
63	44	86 561	29 017,016	464 401,176	16,004	15,543
64	45	85 354	28 120,522	435 384,161	15,483	15,022
65	46	84 041	27 211,593	407 263,639	14,967	14,505
66	47	82 644	26 299,106	380 052,046	14,451	13,990
67	48	81 160	25 382,746	353 752,940	13,937	13,476
68	49	79 573	24 458,200	328 370,194	13,426	12,965
69	50	77 910	23 535,287	303 911,994	12,913	12,452
70	51	76 125	22 600,503	280 376,707	12,406	11,945
71	52	74 268	21 669,880	257 776,204	11,896	11,434
72	53	72 269	20 723,968	236 106,324	11,393	10,932
73	54	70 196	19 783,307	215 382,356	10,887	10,426
74	55	67 981	18 829,588	195 599,049	10,388	9,927
75	56	65 654	17 872,291	176 769,461	9,891	9,429
76	57	63 220	16 913,626	158 897,170	9,395	8,933
77	58	60 631	15 942,009	141 983,544	8,906	8,445
78	59	57 910	14 964,836	126 041,535	8,423	7,961
79	60	55 017	13 972,644	111 076,699	7,950	7,488
80	61	51 965	12 970,497	97 104,054	7,487	7,025
81	62	48 754	11 959,781	84 133,558	7,035	6,574
82	63	45 328	10 928,123	72 173,777	6,604	6,143
83	64	41 751	9 892,621	61 245,654	6,191	5,730
84	65	38 063	8 863,711	51 353,032	5,794	5,332
85	66	34 286	7 846,837	42 489,321	5,415	4,954
86	67	30 428	6 844,098	34 642,484	5,062	4,600
87	68	26 592	5 878,364	27 798,386	4,729	4,268
88	69	22 838	4 961,586	21 920,022	4,418	3,957
89	70	19 217	4 103,171	16 958,436	4,133	3,672
90	71	15 842	3 324,350	12 855,265	3,867	3,406
91	72	12 788	2 637,338	9 530,915	3,614	3,153
92	73	10 090	2 045,219	6 893,577	3,371	2,909
93	74	7 688	1 531,464	4 848,358	3,166	2,705
94	75	5 713	1 118,430	3 316,894	2,966	2,504
95	76	4 090	786,964	2 198,464	2,794	2,332
96	77	2 841	537,196	1 411,500	2,628	2,166
97	78	1 879	349,244	874,304	2,503	2,042
98	79	1 212	221,459	525,060	2,371	1,910
99	80	751	134,740	303,601	2,253	1,792
100	81	446	78,623	168,861	2,148	1,687

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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20	0	99 344	70 218,898	2 557 279,134	36,419	35,957
21	1	99 003	68 774,087	2 487 060,236	36,163	35,702
22	2	98 938	67 547,097	2 418 286,148	35,801	35,340
23	3	98 881	66 346,994	2 350 739,051	35,431	34,970
24	4	98 830	65 172,464	2 284 392,057	35,051	34,590
25	5	98 774	64 015,021	2 219 219,593	34,667	34,206
26	6	98 722	62 880,872	2 155 204,572	34,274	33,813
27	7	98 668	61 765,561	2 092 323,700	33,875	33,414
28	8	98 618	60 672,401	2 030 558,139	33,468	33,006
29	9	98 563	59 595,831	1 969 885,738	33,054	32,593
30	10	98 506	58 536,706	1 910 289,907	32,634	32,173
31	11	98 445	57 494,272	1 851 753,201	32,208	31,746
32	12	98 376	56 466,261	1 794 258,928	31,776	31,315
33	13	98 306	55 455,557	1 737 792,668	31,337	30,875
34	14	98 225	54 456,767	1 682 337,110	30,893	30,432
35	15	98 140	53 474,047	1 627 880,343	30,442	29,981
36	16	98 050	52 505,796	1 574 406,296	29,985	29,524
37	17	97 951	51 550,805	1 521 900,500	29,522	29,061
38	18	97 842	50 607,647	1 470 349,695	29,054	28,593
39	19	97 718	49 674,354	1 419 742,048	28,581	28,120
40	20	97 592	48 757,096	1 370 067,694	28,100	27,639
41	21	97 453	47 850,363	1 321 310,598	27,613	27,152
42	22	97 307	46 956,914	1 273 460,236	27,120	26,659
43	23	97 151	46 075,309	1 226 503,322	26,620	26,158
44	24	96 984	45 204,998	1 180 428,013	26,113	25,652
45	25	96 792	44 339,656	1 135 223,015	25,603	25,142
46	26	96 584	43 483,430	1 090 883,359	25,087	24,626
47	27	96 356	42 634,405	1 047 399,929	24,567	24,106
48	28	96 107	41 792,922	1 004 765,524	24,042	23,580
49	29	95 829	40 955,399	962 972,602	23,513	23,052
50	30	95 520	40 121,026	922 017,203	22,981	22,520
51	31	95 172	39 287,443	881 896,177	22,447	21,986
52	32	94 790	38 456,719	842 608,734	21,911	21,449
53	33	94 365	37 625,905	804 152,015	21,372	20,911
54	34	93 888	36 791,810	766 526,111	20,834	20,373
55	35	93 351	35 952,194	729 734,300	20,297	19,836
56	36	92 761	35 110,462	693 782,106	19,760	19,299
57	37	92 107	34 263,571	658 671,645	19,224	18,762
58	38	91 389	33 411,494	624 408,073	18,688	18,227
59	39	90 589	32 549,370	590 996,579	18,157	17,696
60	40	89 725	31 684,599	558 447,209	17,625	17,164
61	41	88 782	30 812,371	526 762,610	17,096	16,635
62	42	87 756	29 932,555	495 950,239	16,569	16,108
63	43	86 639	29 043,389	466 017,683	16,046	15,584
64	44	85 437	28 147,841	436 974,294	15,524	15,063
65	45	84 138	27 242,983	408 826,453	15,007	14,545
66	46	82 745	26 331,165	381 583,470	14,492	14,031
67	47	81 272	25 417,575	355 252,305	13,977	13,515
68	48	79 700	24 497,250	329 834,730	13,464	13,003
69	49	78 047	23 576,500	305 337,480	12,951	12,490
70	50	76 266	22 642,464	281 760,979	12,444	11,983
71	51	74 427	21 716,412	259 118,515	11,932	11,471
72	52	72 438	20 772,430	237 402,104	11,429	10,968
73	53	70 377	19 834,235	216 629,674	10,922	10,461
74	54	68 178	18 884,139	196 795,439	10,421	9,960
75	55	65 868	17 930,484	177 911,300	9,922	9,461
76	56	63 447	16 974,342	159 980,817	9,425	8,964
77	57	60 870	16 004,814	143 006,474	8,935	8,474
78	58	58 163	15 030,209	127 001,660	8,450	7,989
79	59	55 277	14 038,715	111 971,452	7,976	7,515
80	60	52 241	13 039,292	97 932,736	7,511	7,049
81	61	49 033	12 028,171	84 893,445	7,058	6,597
82	62	45 608	10 995,575	72 865,274	6,627	6,166
83	63	42 035	9 959,839	61 869,699	6,212	5,751
84	64	38 350	8 930,445	51 909,859	5,813	5,351
85	65	34 562	7 909,882	42 979,414	5,434	4,972
86	66	30 697	6 904,597	35 069,531	5,079	4,618
87	67	26 847	5 934,637	28 164,934	4,746	4,285
88	68	23 079	5 014,062	22 230,297	4,434	3,972
89	69	19 442	4 151,135	17 216,235	4,147	3,686
90	70	16 044	3 366,768	13 065,100	3,881	3,419
91	71	12 966	2 673,976	9 698,332	3,627	3,166
92	72	10 242	2 075,971	7 024,356	3,384	2,922
93	73	7 816	1 557,025	4 948,385	3,178	2,717
94	74	5 817	1 138,749	3 391,360	2,978	2,517
95	75	4 170	802,395	2 252,611	2,807	2,346
96	76	2 903	549,037	1 450,216	2,641	2,180
97	77	1 925	357,757	901,179	2,519	2,058
98	78	1 247	227,709	543,422	2,386	1,925
99	79	775	139,110	315,713	2,270	1,808
100	80	463	81,598	176,603	2,164	1,703

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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21	0	99 301	68 981,400	2 489 144,052	36,084	35,623
22	1	98 963	67 563,849	2 420 162,652	35,820	35,359
23	2	98 893	66 355,237	2 352 598,803	35,455	34,993
24	3	98 841	65 179,186	2 286 243,566	35,076	34,615
25	4	98 783	64 021,147	2 221 064,380	34,693	34,231
26	5	98 731	62 886,474	2 157 043,233	34,301	33,839
27	6	98 677	61 771,025	2 094 156,759	33,902	33,441
28	7	98 622	60 675,220	2 032 385,733	33,496	33,035
29	8	98 570	59 599,984	1 971 710,514	33,082	32,621
30	9	98 512	58 540,288	1 912 110,530	32,663	32,202
31	10	98 450	57 497,636	1 853 570,242	32,237	31,776
32	11	98 384	56 470,627	1 796 072,607	31,805	31,344
33	12	98 314	55 459,912	1 739 601,979	31,367	30,906
34	13	98 234	54 461,898	1 684 142,067	30,923	30,462
35	14	98 149	53 478,979	1 629 680,169	30,473	30,012
36	15	98 062	52 512,185	1 576 201,190	30,016	29,555
37	16	97 965	51 558,397	1 523 689,006	29,553	29,091
38	17	97 855	50 614,539	1 472 130,609	29,085	28,624
39	18	97 737	49 684,142	1 421 516,070	28,611	28,150
40	19	97 609	48 765,620	1 371 831,928	28,131	27,670
41	20	97 471	47 859,211	1 323 066,308	27,645	27,184
42	21	97 323	46 964,659	1 275 207,097	27,152	26,691
43	22	97 167	46 082,811	1 228 242,439	26,653	26,192
44	23	97 002	45 213,135	1 182 159,627	26,146	25,685
45	24	96 810	44 347,636	1 136 946,492	25,637	25,176
46	25	96 603	43 491,703	1 092 598,857	25,122	24,661
47	26	96 374	42 642,430	1 049 107,153	24,602	24,141
48	27	96 128	41 801,917	1 006 464,723	24,077	23,616
49	28	95 852	40 965,052	964 662,806	23,548	23,087
50	29	95 544	40 131,410	923 697,754	23,017	22,556
51	30	95 202	39 299,906	883 566,344	22,483	22,021
52	31	94 820	38 468,798	844 266,437	21,947	21,486
53	32	94 397	37 638,801	805 797,640	21,409	20,947
54	33	93 922	36 805,072	768 158,839	20,871	20,410
55	34	93 389	35 966,796	731 353,766	20,334	19,873
56	35	92 799	35 124,938	695 386,970	19,798	19,336
57	36	92 150	34 279,288	660 262,032	19,261	18,800
58	37	91 432	33 427,361	625 982,744	18,727	18,265
59	38	90 643	32 569,017	592 555,383	18,194	17,733
60	39	89 779	31 703,658	559 986,366	17,663	17,202
61	40	88 843	30 833,514	528 282,708	17,133	16,672
62	41	87 821	29 954,730	497 449,194	16,607	16,145
63	42	86 708	29 066,461	467 494,464	16,084	15,622
64	43	85 515	28 173,425	438 428,004	15,562	15,101
65	44	84 220	27 269,450	410 254,579	15,044	14,583
66	45	82 840	26 361,539	382 985,129	14,528	14,067
67	46	81 371	25 448,559	356 623,589	14,014	13,552
68	47	79 809	24 530,865	331 175,030	13,500	13,039
69	48	78 171	23 614,143	306 644,165	12,986	12,524
70	49	76 400	22 682,114	283 030,023	12,478	12,017
71	50	74 565	21 756,731	260 347,909	11,966	11,505
72	51	72 593	20 817,034	238 591,178	11,461	11,000
73	52	70 541	19 880,615	217 774,143	10,954	10,493
74	53	68 353	18 932,752	197 893,528	10,452	9,991
75	54	66 059	17 982,429	178 960,776	9,952	9,491
76	55	63 653	17 029,611	160 978,347	9,453	8,992
77	56	61 088	16 062,268	143 948,735	8,962	8,501
78	57	58 393	15 089,421	127 886,467	8,475	8,014
79	58	55 519	14 100,042	112 797,046	8,000	7,539
80	59	52 488	13 100,949	98 697,004	7,534	7,072
81	60	49 293	12 091,968	85 596,054	7,079	6,618
82	61	45 869	11 058,452	73 504,086	6,647	6,186
83	62	42 294	10 021,315	62 445,634	6,231	5,770
84	63	38 610	8 991,125	52 424,320	5,831	5,369
85	64	34 822	7 969,435	43 433,194	5,450	4,989
86	65	30 944	6 960,072	35 463,759	5,095	4,634
87	66	27 084	5 987,097	28 503,687	4,761	4,300
88	67	23 300	5 062,061	22 516,590	4,448	3,987
89	68	19 647	4 195,039	17 454,528	4,161	3,700
90	69	16 231	3 406,124	13 259,489	3,893	3,432
91	70	13 131	2 708,095	9 853,365	3,638	3,177
92	71	10 384	2 104,811	7 145,270	3,395	2,934
93	72	7 934	1 580,437	5 040,459	3,189	2,728
94	73	5 914	1 157,755	3 460,023	2,989	2,527
95	74	4 246	816,973	2 302,268	2,818	2,357
96	75	2 960	559,803	1 485,295	2,653	2,192
97	76	1 967	365,643	925,493	2,531	2,070
98	77	1 277	233,260	559,850	2,400	1,939
99	78	797	143,036	326,590	2,283	1,822
100	79	478	84,245	183,554	2,179	1,718

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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22	0	99 261	67 767,514	2 422 084,586	35,741	35,280
23	1	98 918	66 371,693	2 354 317,073	35,472	35,010
24	2	98 853	65 187,284	2 287 945,380	35,098	34,637
25	3	98 794	64 027,750	2 222 758,096	34,716	34,254
26	4	98 740	62 892,492	2 158 730,346	34,324	33,863
27	5	98 685	61 776,529	2 095 837,854	33,926	33,465
28	6	98 631	60 680,587	2 034 061,325	33,521	33,060
29	7	98 574	59 602,753	1 973 380,738	33,109	32,648
30	8	98 518	58 544,367	1 913 777,985	32,689	32,228
31	9	98 456	57 501,153	1 855 233,618	32,264	31,803
32	10	98 390	56 473,931	1 797 732,465	31,833	31,372
33	11	98 322	55 464,201	1 741 258,534	31,394	30,933
34	12	98 242	54 466,175	1 685 794,333	30,951	30,490
35	13	98 159	53 484,017	1 631 328,157	30,501	30,040
36	14	98 071	52 517,027	1 577 844,140	30,044	29,583
37	15	97 977	51 564,670	1 525 327,113	29,581	29,120
38	16	97 869	50 621,993	1 473 762,443	29,113	28,652
39	17	97 751	49 690,908	1 423 140,450	28,640	28,179
40	18	97 628	48 775,229	1 373 449,541	28,159	27,698
41	19	97 488	47 867,578	1 324 674,312	27,674	27,213
42	20	97 341	46 973,343	1 276 806,735	27,182	26,720
43	21	97 183	46 090,412	1 229 833,392	26,683	26,222
44	22	97 017	45 220,497	1 183 742,980	26,177	25,716
45	23	96 827	44 355,618	1 138 522,483	25,668	25,207
46	24	96 620	43 499,530	1 094 166,865	25,154	24,692
47	25	96 392	42 650,543	1 050 667,334	24,634	24,173
48	26	96 146	41 809,786	1 008 016,791	24,110	23,648
49	27	95 872	40 973,869	966 207,005	23,581	23,120
50	28	95 567	40 140,869	925 233,136	23,050	22,588
51	29	95 227	39 310,079	885 092,267	22,516	22,054
52	30	94 850	38 481,001	845 782,189	21,979	21,518
53	31	94 427	37 650,623	807 301,187	21,442	20,981
54	32	93 954	36 817,687	769 650,564	20,904	20,443
55	33	93 422	35 979,761	732 832,877	20,368	19,907
56	34	92 837	35 139,204	696 853,116	19,831	19,370
57	35	92 188	34 293,422	661 713,912	19,296	18,834
58	36	91 474	33 442,694	627 420,490	18,761	18,300
59	37	90 686	32 584,484	593 977,796	18,229	17,768
60	38	89 833	31 722,795	561 393,312	17,697	17,236
61	39	88 896	30 852,060	529 670,518	17,168	16,707
62	40	87 881	29 975,284	498 818,457	16,641	16,180
63	41	86 772	29 087,993	468 843,173	16,118	15,657
64	42	85 583	28 195,805	439 755,180	15,596	15,135
65	43	84 296	27 294,235	411 559,375	15,079	14,617
66	44	82 921	26 387,150	384 265,139	14,563	14,101
67	45	81 465	25 477,916	357 877,989	14,047	13,585
68	46	79 907	24 560,768	332 400,074	13,534	13,073
69	47	78 279	23 646,545	307 839,305	13,018	12,557
70	48	76 522	22 718,328	284 192,760	12,509	12,048
71	49	74 696	21 794,830	261 474,432	11,997	11,536
72	50	72 728	20 855,684	239 679,602	11,492	11,031
73	51	70 693	19 923,305	218 823,918	10,983	10,522
74	52	68 513	18 977,025	198 900,613	10,481	10,020
75	53	66 229	18 028,721	179 923,588	9,980	9,519
76	54	63 838	17 078,947	161 894,867	9,479	9,018
77	55	61 287	16 114,567	144 815,920	8,987	8,525
78	56	58 602	15 143,589	128 701,352	8,499	8,038
79	57	55 737	14 155,591	113 557,763	8,022	7,561
80	58	52 717	13 158,180	99 402,172	7,554	7,093
81	59	49 526	12 149,146	86 243,993	7,099	6,638
82	60	46 112	11 117,105	74 094,847	6,665	6,204
83	61	42 536	10 078,620	62 977,741	6,249	5,787
84	62	38 849	9 046,621	52 899,121	5,847	5,386
85	63	35 059	8 023,586	43 852,499	5,465	5,004
86	64	31 177	7 012,474	35 828,914	5,109	4,648
87	65	27 301	6 035,200	28 816,440	4,775	4,314
88	66	23 506	5 106,808	22 781,239	4,461	4,000
89	67	19 835	4 235,198	17 674,432	4,173	3,712
90	68	16 403	3 442,148	13 439,233	3,904	3,443
91	69	13 284	2 739,752	9 997,085	3,649	3,188
92	70	10 517	2 131,667	7 257,333	3,405	2,943
93	71	8 044	1 602,392	5 125,666	3,199	2,738
94	72	6 003	1 175,163	3 523,274	2,998	2,537
95	73	4 317	830,608	2 348,111	2,827	2,366
96	74	3 014	569,973	1 517,503	2,662	2,201
97	75	2 006	372,813	947,530	2,542	2,080
98	76	1 305	238,401	574,717	2,411	1,950
99	77	816	146,523	336,316	2,295	1,834
100	78	491	86,623	189,794	2,191	1,730

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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23	0	99 216	66 571,764	2 356 089,986	35,392	34,931
24	1	98 877	65 203,451	2 289 518,221	35,113	34,652
25	2	98 806	64 035,705	2 224 314,771	34,736	34,274
26	3	98 750	62 898,979	2 160 279,066	34,345	33,884
27	4	98 695	61 782,440	2 097 380,088	33,948	33,487
28	5	98 640	60 685,993	2 035 597,647	33,543	33,082
29	6	98 583	59 608,026	1 974 911,654	33,132	32,670
30	7	98 523	58 547,087	1 915 303,628	32,714	32,253
31	8	98 463	57 505,160	1 856 756,541	32,289	31,827
32	9	98 396	56 477,386	1 799 251,381	31,858	31,397
33	10	98 327	55 467,446	1 742 773,995	31,420	30,959
34	11	98 250	54 470,387	1 687 306,549	30,977	30,515
35	12	98 166	53 488,218	1 632 836,162	30,527	30,066
36	13	98 080	52 521,975	1 579 347,944	30,070	29,609
37	14	97 986	51 569,425	1 526 825,969	29,607	29,146
38	15	97 881	50 628,153	1 475 256,544	29,139	28,678
39	16	97 765	49 698,226	1 424 628,391	28,666	28,204
40	17	97 642	48 781,871	1 374 930,165	28,185	27,724
41	18	97 508	47 877,010	1 326 148,293	27,699	27,238
42	19	97 358	46 981,555	1 278 271,283	27,208	26,747
43	20	97 201	46 098,934	1 231 289,728	26,710	26,249
44	21	97 033	45 227,955	1 185 190,794	26,205	25,744
45	22	96 843	44 362,841	1 139 962,839	25,696	25,235
46	23	96 638	43 507,360	1 095 599,998	25,182	24,721
47	24	96 410	42 658,219	1 052 092,638	24,663	24,202
48	25	96 164	41 817,740	1 009 434,419	24,139	23,678
49	26	95 890	40 981,582	967 616,678	23,611	23,150
50	27	95 588	40 149,509	926 635,097	23,080	22,618
51	28	95 249	39 319,344	886 485,588	22,546	22,085
52	29	94 874	38 490,961	847 166,244	22,009	21,548
53	30	94 457	37 662,567	808 675,283	21,472	21,010
54	31	93 983	36 829,252	771 012,716	20,935	20,474
55	32	93 454	35 992,093	734 183,464	20,398	19,937
56	33	92 870	35 151,870	698 191,371	19,862	19,401
57	34	92 225	34 307,350	663 039,501	19,326	18,865
58	35	91 512	33 456,483	628 732,150	18,793	18,331
59	36	90 728	32 599,431	595 275,668	18,260	17,799
60	37	89 876	31 737,859	562 676,237	17,729	17,268
61	38	88 950	30 870,683	530 938,378	17,199	16,738
62	39	87 934	29 993,314	500 067,694	16,673	16,211
63	40	86 832	29 107,953	470 074,380	16,149	15,688
64	41	85 646	28 216,693	440 966,428	15,628	15,167
65	42	84 363	27 315,918	412 749,735	15,110	14,649
66	43	82 996	26 411,133	385 433,817	14,594	14,132
67	44	81 544	25 502,668	359 022,684	14,078	13,617
68	45	79 999	24 589,101	333 520,016	13,564	13,103
69	46	78 374	23 675,371	308 930,915	13,049	12,587
70	47	76 627	22 749,502	285 255,545	12,539	12,078
71	48	74 815	21 829,628	262 506,043	12,025	11,564
72	49	72 856	20 892,205	240 676,415	11,520	11,059
73	50	70 824	19 960,295	219 784,210	11,011	10,550
74	51	68 660	19 017,774	199 823,915	10,507	10,046
75	52	66 384	18 070,880	180 806,141	10,005	9,544
76	53	64 002	17 122,913	162 735,261	9,504	9,043
77	54	61 465	16 161,252	145 612,348	9,010	8,549
78	55	58 793	15 192,897	129 451,096	8,521	8,059
79	56	55 938	14 206,406	114 258,199	8,043	7,582
80	57	52 925	13 210,017	100 051,792	7,574	7,113
81	58	49 742	12 202,219	86 841,775	7,117	6,656
82	59	46 330	11 169,674	74 639,556	6,682	6,221
83	60	42 762	10 132,077	63 469,882	6,264	5,803
84	61	39 071	9 098,354	53 337,805	5,862	5,401
85	62	35 275	8 073,110	44 239,452	5,480	5,019
86	63	31 389	7 060,122	36 166,342	5,123	4,661
87	64	27 507	6 080,639	29 106,220	4,787	4,325
88	65	23 695	5 147,838	23 025,581	4,473	4,012
89	66	20 011	4 272,636	17 877,743	4,184	3,723
90	67	16 560	3 475,100	13 605,107	3,915	3,454
91	68	13 425	2 768,728	10 130,007	3,659	3,198
92	69	10 640	2 156,586	7 361,279	3,413	2,952
93	70	8 147	1 622,838	5 204,693	3,207	2,746
94	71	6 086	1 191,489	3 581,855	3,006	2,545
95	72	4 382	843,097	2 390,366	2,835	2,374
96	73	3 064	579,486	1 547,269	2,670	2,209
97	74	2 042	379,586	967,783	2,550	2,088
98	75	1 331	243,076	588,198	2,420	1,959
99	76	834	149,752	345,122	2,305	1,843
100	77	503	88,734	195,370	2,202	1,741

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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24	0	99 175	65 400,000	2 291 154,001	35,033	34,572
25	1	98 830	64 051,585	2 225 754,001	34,749	34,288
26	2	98 763	62 906,793	2 161 702,415	34,364	33,902
27	3	98 705	61 788,812	2 098 795,622	33,967	33,506
28	4	98 649	60 691,801	2 037 006,809	33,563	33,102
29	5	98 592	59 613,336	1 976 315,009	33,152	32,691
30	6	98 532	58 552,267	1 916 701,673	32,735	32,274
31	7	98 468	57 507,832	1 858 149,406	32,311	31,850
32	8	98 403	56 481,321	1 800 641,574	31,880	31,419
33	9	98 333	55 470,839	1 744 160,253	31,443	30,982
34	10	98 255	54 473,574	1 688 689,414	31,000	30,539
35	11	98 174	53 492,354	1 634 215,840	30,550	30,089
36	12	98 088	52 526,100	1 580 723,486	30,094	29,633
37	13	97 996	51 574,284	1 528 197,386	29,631	29,170
38	14	97 890	50 632,822	1 476 623,102	29,163	28,702
39	15	97 777	49 704,274	1 425 990,280	28,689	28,228
40	16	97 656	48 789,055	1 376 286,007	28,209	27,748
41	17	97 521	47 883,530	1 327 496,951	27,723	27,262
42	18	97 377	46 990,813	1 279 613,421	27,231	26,770
43	19	97 218	46 106,993	1 232 622,608	26,734	26,273
44	20	97 051	45 236,318	1 186 515,615	26,229	25,768
45	21	96 859	44 370,158	1 141 279,297	25,722	25,261
46	22	96 653	43 514,445	1 096 909,139	25,208	24,747
47	23	96 427	42 665,898	1 053 394,694	24,689	24,228
48	24	96 181	41 825,266	1 010 728,797	24,166	23,704
49	25	95 909	40 989,379	968 903,531	23,638	23,177
50	26	95 605	40 157,066	927 914,152	23,107	22,646
51	27	95 270	39 327,807	887 757,086	22,573	22,112
52	28	94 897	38 500,034	848 429,279	22,037	21,576
53	29	94 481	37 672,316	809 929,245	21,499	21,038
54	30	94 013	36 840,935	772 256,930	20,962	20,501
55	31	93 484	36 003,398	735 415,995	20,426	19,965
56	32	92 902	35 163,919	699 412,597	19,890	19,429
57	33	92 258	34 319,717	664 248,678	19,355	18,894
58	34	91 549	33 470,071	629 928,962	18,821	18,359
59	35	90 765	32 612,871	596 458,890	18,289	17,828
60	36	89 917	31 752,418	563 846,019	17,758	17,296
61	37	88 992	30 885,343	532 093,601	17,228	16,767
62	38	87 987	30 011,418	501 208,258	16,701	16,239
63	39	86 884	29 125,461	471 196,839	16,178	15,717
64	40	85 705	28 236,054	442 071,378	15,656	15,195
65	41	84 426	27 336,154	413 835,323	15,139	14,678
66	42	83 062	26 432,114	386 499,170	14,622	14,161
67	43	81 618	25 525,847	360 067,056	14,106	13,645
68	44	80 076	24 612,989	334 541,209	13,592	13,131
69	45	78 464	23 702,682	309 928,220	13,076	12,614
70	46	76 720	22 777,233	286 225,538	12,566	12,105
71	47	74 918	21 859,582	263 448,305	12,052	11,591
72	48	72 972	20 925,562	241 588,723	11,545	11,084
73	49	70 948	19 995,249	220 663,161	11,036	10,575
74	50	68 788	19 053,083	200 667,913	10,532	10,071
75	51	66 526	18 109,683	181 614,829	10,029	9,567
76	52	64 152	17 162,954	163 505,146	9,527	9,065
77	53	61 623	16 202,856	146 342,192	9,032	8,571
78	54	58 963	15 236,912	130 139,336	8,541	8,080
79	55	56 120	14 252,663	114 902,424	8,062	7,601
80	56	53 114	13 257,439	100 649,762	7,592	7,131
81	57	49 938	12 250,290	87 392,323	7,134	6,673
82	58	46 532	11 218,468	75 142,032	6,698	6,237
83	59	42 964	10 179,987	63 923,565	6,279	5,818
84	60	39 278	9 146,611	53 743,577	5,876	5,415
85	61	35 477	8 119,275	44 596,967	5,493	5,032
86	62	31 582	7 103,699	36 477,692	5,135	4,674
87	63	27 694	6 121,955	29 373,992	4,798	4,337
88	64	23 873	5 186,596	23 252,037	4,483	4,022
89	65	20 171	4 306,964	18 065,441	4,194	3,733
90	66	16 707	3 505,819	13 758,477	3,924	3,463
91	67	13 553	2 795,233	10 252,659	3,668	3,207
92	68	10 752	2 179,395	7 457,425	3,422	2,961
93	69	8 242	1 641,809	5 278,031	3,215	2,754
94	70	6 164	1 206,691	3 636,222	3,013	2,552
95	71	4 443	854,810	2 429,531	2,842	2,381
96	72	3 110	588,199	1 574,721	2,677	2,216
97	73	2 077	385,921	986,522	2,556	2,095
98	74	1 355	247,492	600,601	2,427	1,966
99	75	851	152,689	353,110	2,313	1,851
100	76	514	90,690	200,421	2,210	1,749

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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24						
25	0	99 128	64 244,663	2 227 263,616	34,668	34,207
26	1	98 787	62 922,394	2 163 018,954	34,376	33,915
27	2	98 717	61 796,489	2 100 096,559	33,984	33,523
28	3	98 659	60 698,060	2 038 300,070	33,581	33,120
29	4	98 601	59 619,041	1 977 602,010	33,171	32,709
30	5	98 541	58 557,483	1 917 982,969	32,754	32,293
31	6	98 476	57 512,920	1 859 425,486	32,331	31,869
32	7	98 407	56 483,945	1 801 912,567	31,901	31,440
33	8	98 340	55 474,705	1 745 428,621	31,464	31,002
34	9	98 261	54 476,906	1 689 953,917	31,021	30,560
35	10	98 180	53 495,483	1 635 477,010	30,572	30,111
36	11	98 095	52 530,162	1 581 981,527	30,116	29,654
37	12	98 003	51 578,334	1 529 451,365	29,653	29,192
38	13	97 900	50 637,592	1 477 873,031	29,185	28,724
39	14	97 786	49 708,857	1 427 235,438	28,712	28,251
40	15	97 668	48 794,992	1 377 526,581	28,231	27,770
41	16	97 535	47 890,582	1 328 731,589	27,745	27,284
42	17	97 391	46 997,212	1 280 841,007	27,254	26,792
43	18	97 237	46 116,079	1 233 843,795	26,755	26,294
44	19	97 068	45 244,226	1 187 727,716	26,251	25,790
45	20	96 877	44 378,362	1 142 483,490	25,744	25,283
46	21	96 669	43 521,621	1 098 105,128	25,231	24,770
47	22	96 443	42 672,845	1 054 583,506	24,713	24,252
48	23	96 199	41 832,795	1 011 910,661	24,189	23,728
49	24	95 926	40 996,756	970 077,867	23,662	23,201
50	25	95 624	40 164,706	929 081,111	23,132	22,671
51	26	95 288	39 335,209	888 916,405	22,598	22,137
52	27	94 917	38 508,320	849 581,195	22,062	21,601
53	28	94 504	37 681,195	811 072,875	21,525	21,063
54	29	94 038	36 850,471	773 391,680	20,987	20,526
55	30	93 513	36 014,819	736 541,210	20,451	19,990
56	31	92 931	35 174,963	700 526,390	19,915	19,454
57	32	92 290	34 331,480	665 351,427	19,380	18,919
58	33	91 582	33 482,136	631 019,947	18,846	18,385
59	34	90 802	32 626,118	597 537,811	18,315	17,854
60	35	89 954	31 765,509	564 911,693	17,784	17,323
61	36	89 033	30 899,511	533 146,184	17,254	16,793
62	37	88 029	30 025,671	502 246,673	16,727	16,266
63	38	86 937	29 143,042	472 221,003	16,204	15,742
64	39	85 757	28 253,039	443 077,961	15,682	15,221
65	40	84 484	27 354,911	414 824,922	15,165	14,703
66	41	83 124	26 451,695	387 470,012	14,648	14,187
67	42	81 683	25 546,125	361 018,317	14,132	13,671
68	43	80 149	24 635,360	335 472,192	13,618	13,156
69	44	78 541	23 725,709	310 836,832	13,101	12,640
70	45	76 809	22 803,508	287 111,123	12,591	12,129
71	46	75 009	21 886,229	264 307,615	12,076	11,615
72	47	73 072	20 954,275	242 421,386	11,569	11,108
73	48	71 061	20 027,173	221 467,111	11,058	10,597
74	49	68 908	19 086,448	201 439,938	10,554	10,093
75	50	66 650	18 143,307	182 353,490	10,051	9,590
76	51	64 289	17 199,808	164 210,183	9,547	9,086
77	52	61 767	16 240,745	147 010,376	9,052	8,591
78	53	59 115	15 276,136	130 769,631	8,560	8,099
79	54	56 282	14 293,954	115 493,495	8,080	7,619
80	55	53 287	13 300,605	101 199,541	7,609	7,147
81	56	50 118	12 294,267	87 898,936	7,150	6,688
82	57	46 716	11 262,664	75 604,669	6,713	6,252
83	58	43 152	10 224,458	64 342,006	6,293	5,832
84	59	39 464	9 189,862	54 117,548	5,889	5,428
85	60	35 665	8 162,339	44 927,686	5,504	5,043
86	61	31 763	7 144,321	36 765,347	5,146	4,685
87	62	27 865	6 159,742	29 621,026	4,809	4,348
88	63	24 035	5 221,838	23 461,284	4,493	4,032
89	64	20 323	4 339,391	18 239,446	4,203	3,742
90	65	16 841	3 533,986	13 900,056	3,933	3,472
91	66	13 673	2 819,942	10 366,070	3,676	3,215
92	67	10 855	2 200,258	7 546,128	3,430	2,968
93	68	8 329	1 659,173	5 345,870	3,222	2,761
94	69	6 236	1 220,797	3 686,697	3,020	2,559
95	70	4 499	865,717	2 465,900	2,848	2,387
96	71	3 154	596,370	1 600,183	2,683	2,222
97	72	2 108	391,724	1 003,813	2,563	2,101
98	73	1 378	251,622	612,089	2,433	1,971
99	74	866	155,463	360,467	2,319	1,857
100	75	524	92,468	205,004	2,217	1,756

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	3 863 419,976	38,634	38,173	50	50	94 053	34 943,167	708 580,507	20,278	19,816
1	1	99 344	97 396,382	3 763 419,976	38,640	38,179	51	51	93 566	34 080,850	673 637,340	19,766	19,304
2	2	99 292	95 436,587	3 666 023,594	38,413	37,952	52	52	93 020	33 217,577	639 556,490	19,254	18,792
3	3	99 264	93 539,053	3 570 587,007	38,172	37,711	53	53	92 419	32 355,743	606 338,913	18,740	18,278
4	4	99 243	91 685,508	3 477 047,953	37,924	37,462	54	54	91 749	31 491,242	573 983,170	18,227	17,765
5	5	99 223	89 869,576	3 385 362,446	37,670	37,208	55	55	90 997	30 620,923	542 491,928	17,716	17,255
6	6	99 204	88 090,729	3 295 492,869	37,410	36,949	56	56	90 166	29 746,160	511 871,006	17,208	16,746
7	7	99 187	86 347,970	3 207 402,140	37,145	36,683	57	57	89 251	28 867,168	482 124,846	16,701	16,240
8	8	99 174	84 643,648	3 121 054,170	36,873	36,411	58	58	88 249	27 983,388	453 257,678	16,197	15,736
9	9	99 158	82 971,090	3 036 410,522	36,596	36,134	59	59	87 149	27 092,573	425 274,290	15,697	15,235
10	10	99 144	81 332,722	2 953 439,433	36,313	35,851	60	60	85 963	26 200,074	398 181,717	15,198	14,736
11	11	99 130	79 726,980	2 872 106,711	36,024	35,563	61	61	84 669	25 299,631	371 981,643	14,703	14,241
12	12	99 115	78 151,613	2 792 379,730	35,730	35,269	62	62	83 277	24 395,646	346 682,012	14,211	13,749
13	13	99 101	76 607,938	2 714 228,117	35,430	34,969	63	63	81 777	23 486,730	322 286,366	13,722	13,260
14	14	99 082	75 091,545	2 637 620,179	35,125	34,664	64	64	80 171	22 573,984	298 799,636	13,236	12,775
15	15	99 059	73 602,387	2 562 528,635	34,816	34,354	65	65	78 438	21 652,908	276 225,653	12,757	12,295
16	16	99 031	72 138,889	2 488 926,248	34,502	34,040	66	66	76 613	20 734,386	254 572,745	12,278	11,816
17	17	98 992	70 696,487	2 416 787,359	34,185	33,724	67	67	74 681	19 815,108	233 838,359	11,801	11,339
18	18	98 951	69 281,804	2 346 090,872	33,863	33,401	68	68	72 641	18 896,080	214 023,250	11,326	10,865
19	19	98 894	67 883,933	2 276 809,068	33,540	33,078	69	69	70 502	17 980,082	195 127,170	10,852	10,391
20	20	98 837	66 514,782	2 208 925,135	33,210	32,748	70	70	68 217	17 056,220	177 147,088	10,386	9,924
21	21	98 777	65 170,359	2 142 410,353	32,874	32,412	71	71	65 856	16 142,866	160 090,868	9,917	9,456
22	22	98 720	63 856,085	2 077 239,994	32,530	32,068	72	72	63 353	15 224,882	143 948,002	9,455	8,993
23	23	98 659	62 565,416	2 013 383,909	32,180	31,719	73	73	60 780	14 320,201	128 723,120	8,989	8,527
24	24	98 601	61 302,488	1 950 818,494	31,823	31,361	74	74	58 064	13 411,985	114 402,918	8,530	8,068
25	25	98 537	60 061,130	1 889 516,006	31,460	30,998	75	75	55 255	12 512,939	100 990,933	8,071	7,609
26	26	98 475	58 846,478	1 829 454,876	31,089	30,627	76	76	52 370	11 627,139	88 477,995	7,610	7,148
27	27	98 411	57 655,300	1 770 608,398	30,710	30,249	77	77	49 336	10 738,722	76 850,856	7,156	6,695
28	28	98 344	56 486,542	1 712 953,098	30,325	29,863	78	78	46 202	9 859,370	66 112,134	6,706	6,244
29	29	98 274	55 339,068	1 656 466,556	29,933	29,471	79	79	42 891	8 973,288	56 252,765	6,269	5,807
30	30	98 197	54 211,655	1 601 127,488	29,535	29,073	80	80	39 447	8 090,945	47 279,476	5,844	5,382
31	31	98 111	53 101,999	1 546 915,833	29,131	28,669	81	81	35 864	7 211,831	39 188,532	5,434	4,972
32	32	98 019	52 012,383	1 493 813,834	28,720	28,259	82	82	32 118	6 331,906	31 976,700	5,050	4,588
33	33	97 924	50 942,742	1 441 801,451	28,302	27,841	83	83	28 314	5 472,464	25 644,794	4,686	4,225
34	34	97 817	49 889,339	1 390 858,709	27,879	27,417	84	84	24 532	4 648,613	20 172,331	4,339	3,878
35	35	97 702	48 853,635	1 340 969,370	27,449	26,987	85	85	20 824	3 868,547	15 523,718	4,013	3,551
36	36	97 583	47 837,573	1 292 115,735	27,010	26,549	86	86	17 225	3 137,179	11 655,170	3,715	3,254
37	37	97 455	46 837,788	1 244 278,162	26,566	26,104	87	87	13 872	2 477,060	8 517,992	3,439	2,977
38	38	97 313	45 852,631	1 197 440,374	26,115	25,653	88	88	10 836	1 897,024	6 040,931	3,184	2,723
39	39	97 150	44 878,475	1 151 587,743	25,660	25,199	89	89	8 172	1 402,452	4 143,907	2,955	2,493
40	40	96 984	43 923,072	1 106 709,268	25,197	24,735	90	90	5 939	999,254	2 741,455	2,744	2,282
41	41	96 797	42 979,045	1 062 786,196	24,728	24,266	91	91	4 144	683,545	1 742,201	2,549	2,087
42	42	96 597	42 048,967	1 019 807,151	24,253	23,791	92	92	2 762	446,757	1 058,656	2,370	1,908
43	43	96 381	41 132,408	977 758,184	23,771	23,309	93	93	1 739	275,666	611,899	2,220	1,758
44	44	96 145	40 227,236	936 625,776	23,283	22,822	94	94	1 041	161,744	336,232	2,079	1,617
45	45	95 879	39 329,348	896 398,540	22,792	22,330	95	95	585	89,113	174,488	1,958	1,496
46	46	95 581	38 438,319	857 069,192	22,297	21,836	96	96	310	46,342	85,375	1,842	1,381
47	47	95 257	37 556,724	818 630,873	21,797	21,336	97	97	150	21,992	39,033	1,775	1,313
48	48	94 901	36 682,795	781 074,149	21,293	20,831	98	98	70	10,027	17,041	1,700	1,238
49	49	94 498	35 810,848	744 391,355	20,787	20,325	99	99	31	4,316	7,014	1,625	1,164
							100	100	13	1,729	2,699	1,561	1,099

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 699	99 699,466	3 853 853,767	38,655	38,193	50	51	93 878	34 878,410	700 249,822	20,077	19,615
1	2	99 320	97 372,234	3 754 154,302	38,555	38,093	51	52	93 366	34 007,825	665 371,412	19,565	19,104
2	3	99 280	95 424,731	3 656 782,068	38,321	37,860	52	53	92 803	33 140,082	631 363,587	19,051	18,590
3	4	99 254	93 529,407	3 561 357,337	38,077	37,616	53	54	92 182	32 272,664	598 223,505	18,537	18,075
4	5	99 234	91 676,735	3 467 827,930	37,827	37,365	54	55	91 483	31 400,273	565 950,841	18,024	17,562
5	6	99 214	89 861,571	3 376 151,195	37,571	37,109	55	56	90 702	30 521,544	534 550,568	17,514	17,052
6	7	99 196	88 082,937	3 286 289,624	37,309	36,847	56	57	89 843	29 639,759	504 029,024	17,005	16,544
7	8	99 182	86 343,958	3 198 206,688	37,040	36,579	57	58	88 901	28 753,889	474 389,265	16,498	16,037
8	9	99 167	84 637,750	3 111 862,729	36,767	36,305	58	59	87 865	27 861,677	445 635,376	15,995	15,533
9	10	99 152	82 966,014	3 027 224,980	36,488	36,026	59	60	86 738	26 965,066	417 773,699	15,493	15,032
10	11	99 138	81 327,964	2 944 258,965	36,202	35,741	60	61	85 510	26 061,843	390 808,633	14,995	14,534
11	12	99 123	79 720,815	2 862 931,001	35,912	35,450	61	62	84 188	25 155,780	364 746,790	14,500	14,038
12	13	99 107	78 145,476	2 783 210,186	35,616	35,154	62	63	82 766	24 245,992	339 591,010	14,006	13,544
13	14	99 091	76 600,720	2 705 064,709	35,314	34,852	63	64	81 226	23 328,221	315 345,018	13,518	13,056
14	15	99 073	75 084,621	2 628 463,989	35,007	34,545	64	65	79 572	22 405,296	292 016,797	13,033	12,572
15	16	99 047	73 593,432	2 553 379,368	34,696	34,234	65	66	77 813	21 480,324	269 611,502	12,552	12,090
16	17	99 017	72 128,267	2 479 785,936	34,380	33,919	66	67	75 942	20 552,709	248 131,177	12,073	11,611
17	18	98 979	70 686,861	2 407 657,670	34,061	33,599	67	68	73 972	19 627,217	227 578,468	11,595	11,133
18	19	98 932	69 268,154	2 336 970,809	33,738	33,276	68	69	71 881	18 698,320	207 951,251	11,121	10,660
19	20	98 877	67 872,068	2 267 702,655	33,411	32,950	69	70	69 688	17 772,330	189 252,931	10,649	10,187
20	21	98 819	66 502,484	2 199 830,587	33,079	32,617	70	71	67 358	16 841,332	171 480,601	10,182	9,721
21	22	98 760	65 159,613	2 133 328,103	32,740	32,278	71	72	64 953	15 921,680	154 639,269	9,712	9,251
22	23	98 704	63 845,688	2 068 168,490	32,393	31,932	72	73	62 414	14 999,347	138 717,589	9,248	8,787
23	24	98 642	62 554,156	2 004 322,802	32,041	31,580	73	74	59 782	14 085,119	123 718,242	8,784	8,322
24	25	98 583	61 291,457	1 941 768,646	31,681	31,219	74	75	57 028	13 172,673	109 633,123	8,323	7,861
25	26	98 518	60 049,705	1 880 477,188	31,315	30,854	75	76	54 192	12 272,298	96 460,451	7,860	7,398
26	27	98 456	58 835,404	1 820 427,484	30,941	30,479	76	77	51 241	11 376,389	84 188,153	7,400	6,939
27	28	98 390	57 642,894	1 761 592,080	30,560	30,099	77	78	48 162	10 483,178	72 811,764	6,946	6,484
28	29	98 321	56 473,231	1 703 949,186	30,173	29,711	78	79	44 934	9 588,749	62 328,587	6,500	6,039
29	30	98 248	55 324,748	1 647 475,955	29,778	29,317	79	80	41 544	8 691,397	52 739,837	6,068	5,606
30	31	98 166	54 194,463	1 592 151,207	29,378	28,917	80	81	38 009	7 795,937	44 048,440	5,650	5,189
31	32	98 080	53 085,325	1 537 956,744	28,971	28,510	81	82	34 334	6 904,075	36 252,503	5,251	4,789
32	33	97 986	51 994,562	1 484 871,420	28,558	28,097	82	83	30 532	6 019,243	29 348,429	4,876	4,414
33	34	97 888	50 924,386	1 432 876,858	28,137	27,676	83	84	26 708	5 162,112	23 329,185	4,519	4,058
34	35	97 777	49 869,084	1 381 952,472	27,712	27,250	84	85	22 934	4 345,695	18 167,073	4,180	3,719
35	36	97 662	48 833,501	1 332 083,387	27,278	26,816	85	86	19 239	3 574,056	13 821,378	3,867	3,406
36	37	97 539	47 815,639	1 283 249,886	26,837	26,376	86	87	15 723	2 863,679	10 247,323	3,578	3,117
37	38	97 408	46 815,555	1 235 434,247	26,389	25,928	87	88	12 486	2 229,489	7 383,643	3,312	2,850
38	39	97 254	45 824,971	1 188 618,691	25,938	25,477	88	89	9 599	1 680,380	5 154,154	3,067	2,606
39	40	97 092	44 851,497	1 142 793,720	25,480	25,018	89	90	7 113	1 220,810	3 473,774	2,845	2,384
40	41	96 917	43 892,954	1 097 942,224	25,014	24,552	90	91	5 063	851,888	2 252,964	2,645	2,183
41	42	96 726	42 947,229	1 054 049,270	24,543	24,081	91	92	3 449	568,960	1 401,076	2,463	2,001
42	43	96 520	42 015,590	1 011 102,041	24,065	23,603	92	93	2 244	362,989	832,117	2,292	1,831
43	44	96 293	41 095,057	969 086,450	23,582	23,120	93	94	1 375	218,059	469,128	2,151	1,690
44	45	96 052	40 188,193	927 991,393	23,091	22,630	94	95	801	124,517	251,069	2,016	1,555
45	46	95 769	39 284,031	887 803,201	22,600	22,138	95	96	437	66,587	126,552	1,901	1,439
46	47	95 465	38 391,520	848 519,170	22,102	21,640	96	97	222	33,104	59,965	1,811	1,350
47	48	95 126	37 505,260	810 127,650	21,600	21,139	97	98	105	15,416	26,861	1,742	1,281
48	49	94 750	36 624,321	772 622,391	21,096	20,634	98	99	48	6,887	11,445	1,662	1,200
49	50	94 333	35 748,248	735 998,070	20,588	20,127	99	100	20	2,861	4,557	1,593	1,131

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 675	99 674,746	3 843 891,144	38,564	38,103	50	52	93 677	34 803,676	691 308,310	19,863	19,401
1	3	99 307	97 360,138	3 744 216,398	38,457	37,996	51	53	93 148	33 928,486	656 504,634	19,350	18,888
2	4	99 270	95 414,890	3 646 856,260	38,221	37,759	52	54	92 565	33 054,989	622 576,148	18,835	18,373
3	5	99 245	93 520,457	3 551 441,370	37,975	37,513	53	55	91 915	32 179,438	589 521,159	18,320	17,858
4	6	99 225	91 668,568	3 457 920,912	37,722	37,260	54	56	91 187	31 298,365	557 341,721	17,807	17,346
5	7	99 206	89 853,622	3 366 252,344	37,464	37,002	55	57	90 377	30 412,370	526 043,356	17,297	16,835
6	8	99 191	88 078,845	3 276 398,723	37,198	36,737	56	58	89 490	29 523,449	495 630,986	16,788	16,326
7	9	99 175	86 337,942	3 188 319,878	36,928	36,467	57	59	88 514	28 628,826	466 107,538	16,281	15,819
8	10	99 161	84 632,572	3 101 981,936	36,652	36,191	58	60	87 452	27 730,550	437 478,711	15,776	15,314
9	11	99 146	82 961,161	3 017 349,364	36,371	35,909	59	61	86 281	26 822,799	409 748,161	15,276	14,815
10	12	99 131	81 321,675	2 934 388,203	36,084	35,622	60	62	85 024	25 913,659	382 925,362	14,777	14,315
11	13	99 115	79 714,555	2 853 066,528	35,791	35,329	61	63	83 671	25 001,463	357 011,703	14,280	13,818
12	14	99 098	78 138,114	2 773 351,972	35,493	35,031	62	64	82 207	24 082,358	332 010,240	13,786	13,325
13	15	99 082	76 593,657	2 695 213,858	35,188	34,727	63	65	80 619	23 153,896	307 927,881	13,299	12,838
14	16	99 061	75 075,485	2 618 620,201	34,880	34,418	64	66	78 938	22 226,716	284 773,985	12,812	12,351
15	17	99 032	73 582,595	2 543 544,716	34,567	34,106	65	67	77 131	21 292,111	262 547,269	12,331	11,869
16	18	99 003	72 118,446	2 469 962,120	34,249	33,787	66	68	75 222	20 357,824	241 255,158	11,851	11,389
17	19	98 959	70 672,934	2 397 843,675	33,929	33,467	67	69	73 198	19 421,805	220 897,334	11,374	10,912
18	20	98 915	69 256,047	2 327 170,740	33,602	33,141	68	70	71 050	18 482,268	201 475,529	10,901	10,439
19	21	98 859	67 859,520	2 257 914,694	33,273	32,812	69	71	68 810	17 548,420	182 993,261	10,428	9,966
20	22	98 803	66 491,518	2 190 055,174	32,937	32,476	70	72	66 435	16 610,576	165 444,841	9,960	9,499
21	23	98 744	65 149,004	2 123 563,656	32,595	32,134	71	73	63 991	15 685,823	148 834,265	9,488	9,027
22	24	98 686	63 834,198	2 058 414,651	32,246	31,785	72	74	61 390	14 753,115	133 148,442	9,025	8,563
23	25	98 624	62 542,900	1 994 580,453	31,891	31,430	73	75	58 716	13 833,795	118 395,326	8,558	8,097
24	26	98 565	61 279,798	1 932 037,553	31,528	31,067	74	76	55 931	12 919,344	104 561,531	8,093	7,632
25	27	98 499	60 038,404	1 870 757,755	31,159	30,698	75	77	53 024	12 007,634	91 642,187	7,632	7,170
26	28	98 435	58 822,743	1 810 719,351	30,783	30,321	76	78	50 022	11 105,671	79 634,553	7,171	6,709
27	29	98 367	57 629,311	1 751 896,608	30,399	29,938	77	79	46 840	10 195,435	68 528,882	6,722	6,260
28	30	98 296	56 458,617	1 694 267,298	30,009	29,547	78	80	43 522	9 287,524	58 333,447	6,281	5,819
29	31	98 217	55 307,203	1 637 808,680	29,613	29,151	79	81	40 029	8 374,496	49 045,923	5,857	5,395
30	32	98 135	54 177,446	1 582 501,477	29,210	28,748	80	82	36 387	7 463,254	40 671,427	5,450	4,988
31	33	98 046	53 067,136	1 528 324,031	28,800	28,338	81	83	32 638	6 563,159	33 208,173	5,060	4,598
32	34	97 951	51 975,827	1 475 256,895	28,384	27,922	82	84	28 801	5 677,883	26 645,015	4,693	4,231
33	35	97 849	50 903,711	1 423 281,068	27,960	27,499	83	85	24 968	4 825,733	20 967,132	4,345	3,883
34	36	97 737	49 848,532	1 372 377,357	27,531	27,069	84	86	21 188	4 014,880	16 141,399	4,020	3,559
35	37	97 617	48 811,111	1 322 528,826	27,095	26,633	85	87	17 561	3 262,469	12 126,518	3,717	3,255
36	38	97 492	47 792,943	1 273 717,715	26,651	26,189	86	88	14 152	2 577,468	8 864,049	3,439	2,977
37	39	97 350	46 787,314	1 225 924,772	26,202	25,740	87	89	11 060	1 974,877	6 286,582	3,183	2,722
38	40	97 196	45 797,423	1 179 137,458	25,747	25,285	88	90	8 356	1 462,741	4 311,704	2,948	2,486
39	41	97 025	44 820,742	1 133 340,034	25,286	24,824	89	91	6 064	1 040,769	2 848,963	2,737	2,276
40	42	96 846	43 860,462	1 088 519,292	24,818	24,356	90	92	4 214	709,082	1 808,194	2,550	2,088
41	43	96 649	42 913,139	1 044 658,830	24,344	23,882	91	93	2 802	462,279	1 099,112	2,378	1,916
42	44	96 432	41 977,437	1 001 745,691	23,864	23,402	92	94	1 775	287,134	636,833	2,218	1,756
43	45	96 200	41 055,171	959 768,254	23,378	22,916	93	95	1 059	167,869	349,700	2,083	1,622
44	46	95 941	40 141,886	918 713,083	22,887	22,425	94	96	599	93,042	181,830	1,954	1,493
45	47	95 652	39 236,202	878 571,196	22,392	21,930	95	97	312	47,566	88,789	1,867	1,405
46	48	95 334	38 338,912	839 334,994	21,893	21,431	96	98	155	23,205	41,222	1,776	1,315
47	49	94 975	37 445,475	800 996,083	21,391	20,929	97	99	72	10,589	18,017	1,701	1,240
48	50	94 584	36 560,299	763 550,608	20,885	20,423	98	100	32	4,566	7,428	1,627	1,165
49	51	94 158	35 681,999	726 990,309	20,374	19,913							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 662	99 662,364	3 833 230,718	38,462	38,001
1	4	99 297	97 350,097	3 733 568,354	38,352	37,890
2	5	99 260	95 405,760	3 636 218,257	38,113	37,652
3	6	99 236	93 512,127	3 540 812,496	37,865	37,403
4	7	99 216	91 660,459	3 447 300,370	37,609	37,148
5	8	99 201	89 849,447	3 355 639,910	37,347	36,886
6	9	99 184	88 072,707	3 265 790,463	37,081	36,619
7	10	99 169	86 332,660	3 177 717,756	36,808	36,346
8	11	99 155	84 627,622	3 091 385,096	36,529	36,068
9	12	99 139	82 954,746	3 006 757,474	36,246	35,784
10	13	99 123	81 315,290	2 923 802,728	35,956	35,495
11	14	99 106	79 707,045	2 842 487,439	35,662	35,200
12	15	99 089	78 130,909	2 762 780,393	35,361	34,899
13	16	99 070	76 584,338	2 684 649,484	35,055	34,593
14	17	99 046	75 064,431	2 608 065,146	34,744	34,283
15	18	99 019	73 572,576	2 533 000,715	34,429	33,967
16	19	98 984	72 104,237	2 459 428,139	34,109	33,648
17	20	98 942	70 660,582	2 387 323,902	33,786	33,324
18	21	98 896	69 243,242	2 316 663,320	33,457	32,995
19	22	98 842	67 848,330	2 247 420,078	33,124	32,663
20	23	98 787	66 480,693	2 179 571,748	32,785	32,323
21	24	98 726	65 137,280	2 113 091,055	32,441	31,979
22	25	98 669	63 822,712	2 047 953,775	32,088	31,627
23	26	98 605	62 531,003	1 984 131,063	31,730	31,269
24	27	98 546	61 268,265	1 921 600,060	31,364	30,902
25	28	98 478	60 025,484	1 860 331,795	30,992	30,531
26	29	98 412	58 808,882	1 800 306,310	30,613	30,151
27	30	98 341	57 614,398	1 741 497,428	30,227	29,765
28	31	98 265	56 440,713	1 683 883,031	29,835	29,373
29	32	98 186	55 289,837	1 627 442,318	29,435	28,973
30	33	98 101	54 158,883	1 572 152,481	29,029	28,567
31	34	98 011	53 048,014	1 517 993,598	28,615	28,154
32	35	97 911	51 954,725	1 464 945,584	28,197	27,735
33	36	97 808	50 882,732	1 412 990,859	27,770	27,308
34	37	97 692	49 825,676	1 362 108,127	27,337	26,876
35	38	97 570	48 787,942	1 312 282,451	26,898	26,436
36	39	97 433	47 764,112	1 263 494,509	26,453	25,991
37	40	97 291	46 759,188	1 215 730,397	26,000	25,538
38	41	97 129	45 766,020	1 168 971,209	25,542	25,081
39	42	96 954	44 787,563	1 123 205,188	25,079	24,617
40	43	96 769	43 825,647	1 078 417,625	24,607	24,145
41	44	96 561	42 874,171	1 034 591,978	24,131	23,669
42	45	96 339	41 936,695	991 717,807	23,648	23,186
43	46	96 089	41 007,866	949 781,112	23,161	22,699
44	47	95 824	40 093,013	908 773,246	22,667	22,205
45	48	95 521	39 182,437	868 680,233	22,170	21,709
46	49	95 182	38 277,797	829 497,796	21,670	21,209
47	50	94 809	37 380,017	791 219,999	21,167	20,705
48	51	94 409	36 492,545	753 839,982	20,657	20,196
49	52	93 956	35 605,543	717 347,436	20,147	19,685
50	53	93 459	34 722,481	681 741,893	19,634	19,172
51	54	92 909	33 841,369	647 019,413	19,119	18,658
52	55	92 297	32 959,503	613 178,044	18,604	18,142
53	56	91 617	32 075,001	580 218,541	18,089	17,628
54	57	90 860	31 186,412	548 143,539	17,576	17,115
55	58	90 023	30 293,027	516 957,127	17,065	16,604
56	59	89 101	29 395,039	486 664,100	16,556	16,094
57	60	88 098	28 494,089	457 269,061	16,048	15,586
58	61	86 990	27 584,245	428 774,972	15,544	15,083
59	62	85 790	26 670,288	401 190,727	15,043	14,581
60	63	84 502	25 754,693	374 520,439	14,542	14,080
61	64	83 106	24 832,731	348 765,746	14,045	13,583
62	65	81 593	23 902,399	323 933,015	13,552	13,091
63	66	79 976	22 969,350	300 030,616	13,062	12,601
64	67	78 246	22 031,963	277 061,267	12,575	12,114
65	68	76 400	21 090,215	255 029,304	12,092	11,631
66	69	74 434	20 144,765	233 939,089	11,613	11,151
67	70	72 353	19 197,394	213 794,324	11,137	10,675
68	71	70 155	18 249,414	194 596,930	10,663	10,202
69	72	67 867	17 307,975	176 347,516	10,189	9,727
70	73	65 451	16 364,514	159 039,540	9,719	9,257
71	74	62 941	15 428,322	142 675,027	9,248	8,786
72	75	60 294	14 489,873	127 246,704	8,782	8,320
73	76	57 586	13 567,752	112 756,831	8,311	7,849
74	77	54 725	12 640,726	99 189,079	7,847	7,385
75	78	51 762	11 721,895	86 548,353	7,383	6,922
76	79	48 649	10 800,842	74 826,458	6,928	6,466
77	80	45 369	9 875,151	64 025,616	6,484	6,022
78	81	41 936	8 948,887	54 150,465	6,051	5,589
79	82	38 321	8 017,124	45 201,579	5,638	5,177
80	83	34 590	7 094,727	37 184,455	5,241	4,780
81	84	30 787	6 190,952	30 089,728	4,860	4,399
82	85	26 924	5 307,894	23 898,776	4,502	4,041
83	86	23 067	4 458,375	18 590,881	4,170	3,708
84	87	19 341	3 664,863	14 132,506	3,856	3,395
85	88	15 806	2 936,400	10 467,643	3,565	3,103
86	89	12 536	2 283,116	7 531,243	3,299	2,837
87	90	9 628	1 719,095	5 248,127	3,053	2,591
88	91	7 123	1 247,022	3 529,032	2,830	2,368
89	92	5 048	866,301	2 282,010	2,634	2,173
90	93	3 424	576,128	1 415,710	2,457	1,996
91	94	2 217	365,674	839,582	2,296	1,834
92	95	1 367	221,046	473,908	2,144	1,682
93	96	791	125,436	252,862	2,016	1,554
94	97	428	66,464	127,426	1,917	1,456
95	98	219	33,343	60,962	1,828	1,367
96	99	107	15,939	27,619	1,733	1,271
97	100	48	7,021	11,680	1,664	1,202

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 652	99 652,086	3 821 837,267	38,352	37,890
1	5	99 288	97 340,782	3 722 185,181	38,239	37,777
2	6	99 251	95 397,262	3 624 844,399	37,997	37,536
3	7	99 227	93 503,855	3 529 447,138	37,747	37,285
4	8	99 212	91 656,201	3 435 943,283	37,487	37,026
5	9	99 194	89 843,186	3 344 287,082	37,224	36,762
6	10	99 178	88 067,319	3 254 443,896	36,954	36,492
7	11	99 163	86 327,610	3 166 376,576	36,679	36,217
8	12	99 147	84 621,078	3 080 048,966	36,398	35,937
9	13	99 131	82 948,232	2 995 427,889	36,112	35,650
10	14	99 114	81 307,628	2 912 479,656	35,820	35,359
11	15	99 097	79 699,696	2 831 172,028	35,523	35,061
12	16	99 077	78 121,403	2 751 472,332	35,220	34,759
13	17	99 055	76 573,062	2 673 350,929	34,912	34,451
14	18	99 032	75 054,210	2 596 777,867	34,599	34,137
15	19	98 999	73 558,081	2 521 723,657	34,282	33,820
16	20	98 966	72 091,634	2 448 165,576	33,959	33,497
17	21	98 924	70 647,518	2 376 073,942	33,633	33,171
18	22	98 880	69 231,824	2 305 426,425	33,300	32,838
19	23	98 826	67 837,284	2 236 194,600	32,964	32,502
20	24	98 769	66 468,729	2 168 357,317	32,622	32,161
21	25	98 709	65 125,559	2 101 888,588	32,274	31,813
22	26	98 650	63 810,572	2 036 763,029	31,919	31,457
23	27	98 587	62 519,235	1 972 952,457	31,558	31,096
24	28	98 525	61 255,082	1 910 433,222	31,188	30,727
25	29	98 455	60 011,340	1 849 178,141	30,814	30,352
26	30	98 386	58 793,664	1 789 166,801	30,431	29,970
27	31	98 310	57 596,127	1 730 373,137	30,043	29,582
28	32	98 234	56 422,991	1 672 777,010	29,647	29,185
29	33	98 153	55 270,893	1 616 354,020	29,244	28,783
30	34	98 066	54 139,368	1 561 083,127	28,835	28,373
31	35	97 971	53 026,477	1 506 943,759	28,419	27,957
32	36	97 870	51 933,313	1 453 917,282	27,996	27,534
33	37	97 764	50 859,402	1 401 983,970	27,566	27,104
34	38	97 646	49 802,026	1 351 124,567	27,130	26,668
35	39	97 512	48 758,511	1 301 322,541	26,689	26,228
36	40	97 375	47 735,399	1 252 564,031	26,240	25,778
37	41	97 224	46 727,125	1 204 828,632	25,784	25,323
38	42	97 057	45 732,141	1 158 101,506	25,324	24,862
39	43	96 877	44 752,012	1 112 369,365	24,856	24,395
40	44	96 681	43 785,851	1 067 617,353	24,383	23,921
41	45	96 468	42 832,559	1 023 831,502	23,903	23,442
42	46	96 228	41 888,374	980 998,943	23,419	22,958
43	47	95 972	40 957,938	939 110,569	22,929	22,467
44	48	95 693	40 038,074	898 152,631	22,432	21,971
45	49	95 369	39 119,978	858 114,557	21,935	21,474
46	50	95 016	38 210,885	818 994,580	21,434	20,972
47	51	94 633	37 310,745	780 783,695	20,927	20,465
48	52	94 206	36 414,353	743 472,950	20,417	19,955
49	53	93 737	35 522,477	707 058,597	19,905	19,443
50	54	93 219	34 633,325	671 536,121	19,390	18,928
51	55	92 640	33 743,611	636 902,796	18,875	18,413
52	56	91 998	32 852,535	603 159,184	18,360	17,898
53	57	91 289	31 960,270	570 306,650	17,844	17,383
54	58	90 504	31 064,033	538 346,380	17,330	16,869
55	59	89 631	30 161,271	507 282,347	16,819	16,357
56	60	88 682	29 256,696	477 121,077	16,308	15,846
57	61	87 633	28 343,755	447 864,381	15,801	15,340
58	62	86 496	27 427,404	419 520,626	15,296	14,834
59	63	85 264	26 506,681	392 093,222	14,792	14,331
60	64	83 932	25 580,877	365 586,541	14,291	13,830
61	65	82 485	24 647,164	340 005,664	13,795	13,333
62	66	80 943	23 711,886	315 358,500	13,300	12,838
63	67	79 275	22 768,090	291 646,614	12,809	12,348
64	68	77 504	21 823,051	268 878,524	12,321	11,859
65	69	75 600	20 869,492	247 055,473	11,838	11,377
66	70	73 574	19 912,001	226 185,981	11,359	10,898
67	71	71 441	18 955,530	206 273,981	10,882	10,420
68	72	69 194	17 999,365	187 318,450	10,407	9,945
69	73	66 862	17 051,582	169 319,086	9,930	9,468
70	74	64 376	16 095,871	152 267,504	9,460	8,998
71	75	61 818	15 153,032	136 171,633	8,986	8,525
72	76	59 135	14 211,213	121 018,601	8,516	8,054
73	77	56 345	13 275,151	106 807,388	8,046	7,584
74	78	53 423	12 339,921	93 532,237	7,580	7,118
75	79	50 341	11 400,152	81 192,316	7,122	6,660
76	80	47 120	10 461,539	69 792,164	6,671	6,210
77	81	43 715	9 515,088	59 330,625	6,235	5,774
78	82	40 146	8 567,003	49 815,536	5,815	5,353
79	83	36 428	7 621,247	41 248,533	5,412	4,951
80	84	32 628	6 692,374	33 627,286	5,025	4,563
81	85	28 781	5 787,530	26 934,912	4,654	4,192
82	86	24 874	4 903,833	21 147,382	4,312	3,851
83	87	21 056	4 069,694	16 243,549	3,991	3,530
84	88	17 408	3 298,577	12 173,855	3,691	3,229
85	89	14 001	2 601,058	8 875,278	3,412	2,951
86	90	10 912	1 987,411	6 274,221	3,157	2,695
87	91	8 208	1 465,570	4 286,810	2,925	2,463
88	92	5 929	1 037,978	2 821,240	2,718	2,256
89	93	4 101	703,868	1 783,262	2,534	2,072
90	94	2 708	455,732	1 079,394	2,368	1,907
91	95	1 707	281,509	623,662	2,215	1,754
92	96	1 021	165,170	342,154	2,072	1,610
93	97	565	89,605	176,983	1,975	1,514
94	98	300	46,590	87,379	1,875	1,414
95	99	150	22,903	40,789	1,781	1,319
96	100	71	10,568	17,886	1,692	1,231

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 643	99 642,551	3 809 688,880	38,234	37,772
1	6	99 279	97 332,111	3 710 046,329	38,117	37,656
2	7	99 243	95 388,823	3 612 714,218	37,874	37,412
3	8	99 222	93 499,511	3 517 325,395	37,619	37,157
4	9	99 205	91 649,814	3 423 825,885	37,358	36,896
5	10	99 188	89 837,690	3 332 176,071	37,091	36,629
6	11	99 172	88 062,168	3 242 338,380	36,819	36,357
7	12	99 156	86 320,935	3 154 276,212	36,541	36,080
8	13	99 139	84 614,433	3 067 955,278	36,258	35,796
9	14	99 121	82 940,417	2 983 340,845	35,970	35,508
10	15	99 104	81 300,131	2 900 400,428	35,675	35,214
11	16	99 084	79 689,999	2 819 100,296	35,376	34,914
12	17	99 062	78 109,900	2 739 410,297	35,071	34,610
13	18	99 042	76 562,635	2 661 300,397	34,760	34,298
14	19	99 013	75 039,423	2 584 737,762	34,445	33,983
15	20	98 982	73 545,224	2 509 698,339	34,125	33,663
16	21	98 948	72 078,306	2 436 153,115	33,799	33,337
17	22	98 907	70 635,868	2 364 074,810	33,468	33,007
18	23	98 864	69 220,553	2 293 438,941	33,132	32,671
19	24	98 808	67 825,075	2 224 218,388	32,793	32,332
20	25	98 751	66 456,769	2 156 393,313	32,448	31,986
21	26	98 690	65 113,171	2 089 936,545	32,097	31,635
22	27	98 631	63 798,563	2 024 823,374	31,738	31,276
23	28	98 565	62 505,782	1 961 024,811	31,373	30,912
24	29	98 502	61 240,647	1 898 519,029	31,001	30,539
25	30	98 429	59 995,811	1 837 278,382	30,623	30,162
26	31	98 355	58 775,019	1 777 282,572	30,239	29,777
27	32	98 279	57 578,042	1 718 507,553	29,847	29,385
28	33	98 200	56 403,658	1 660 929,511	29,447	28,986
29	34	98 117	55 250,977	1 604 525,853	29,041	28,579
30	35	98 026	54 117,388	1 549 274,876	28,628	28,166
31	36	97 931	53 004,623	1 495 157,488	28,208	27,746
32	37	97 826	51 909,501	1 442 152,865	27,782	27,320
33	38	97 717	50 835,261	1 390 243,364	27,348	26,886
34	39	97 587	49 771,983	1 339 408,103	26,911	26,449
35	40	97 453	48 729,200	1 289 636,120	26,465	26,004
36	41	97 308	47 702,667	1 240 906,920	26,013	25,552
37	42	97 152	46 692,535	1 193 204,254	25,554	25,093
38	43	96 980	45 695,841	1 146 511,718	25,090	24,628
39	44	96 789	44 711,375	1 100 815,877	24,620	24,159
40	45	96 587	43 743,353	1 056 104,503	24,143	23,682
41	46	96 356	42 783,206	1 012 361,150	23,663	23,201
42	47	96 111	41 837,374	969 577,944	23,175	22,713
43	48	95 841	40 901,813	927 740,570	22,682	22,221
44	49	95 541	39 974,251	886 838,756	22,185	21,724
45	50	95 202	39 051,593	846 864,505	21,686	21,224
46	51	94 840	38 140,073	807 812,912	21,180	20,719
47	52	94 430	37 230,799	769 672,839	20,673	20,211
48	53	93 987	36 329,399	732 442,040	20,161	19,700
49	54	93 496	35 431,267	696 112,641	19,647	19,185
50	55	92 949	34 533,280	660 681,375	19,132	18,670
51	56	92 340	33 634,098	626 148,095	18,616	18,155
52	57	91 669	32 735,022	592 513,997	18,100	17,639
53	58	90 931	31 834,854	559 778,974	17,584	17,122
54	59	90 110	30 928,922	527 944,120	17,070	16,608
55	60	89 209	30 019,321	497 015,198	16,557	16,095
56	61	88 214	29 102,338	466 995,877	16,047	15,585
57	62	87 135	28 182,596	437 893,539	15,538	15,076
58	63	85 965	27 259,152	409 710,943	15,030	14,569
59	64	84 689	26 327,790	382 451,791	14,527	14,065
60	65	83 304	25 389,720	356 124,001	14,026	13,565
61	66	81 828	24 450,715	330 734,281	13,527	13,065
62	67	80 233	23 504,120	306 283,566	13,031	12,569
63	68	78 524	22 552,198	282 779,446	12,539	12,077
64	69	76 693	21 594,658	260 227,248	12,051	11,589
65	70	74 727	20 628,353	238 632,590	11,568	11,107
66	71	72 647	19 661,134	218 004,237	11,088	10,626
67	72	70 462	18 695,806	198 343,104	10,609	10,147
68	73	68 169	17 732,729	179 647,298	10,131	9,669
69	74	65 764	16 771,660	161 914,569	9,654	9,192
70	75	63 228	15 808,670	145 142,908	9,181	8,720
71	76	60 629	14 861,618	129 334,238	8,703	8,241
72	77	57 860	13 904,735	114 472,620	8,233	7,771
73	78	55 004	12 959,249	100 567,885	7,760	7,299
74	79	51 956	12 001,215	87 608,636	7,300	6,838
75	80	48 760	11 042,022	75 607,421	6,847	6,386
76	81	45 402	10 080,096	64 565,399	6,405	5,944
77	82	41 849	9 109,043	54 485,303	5,981	5,520
78	83	38 164	8 143,974	45 376,261	5,572	5,110
79	84	34 362	7 189,035	37 232,287	5,179	4,717
80	85	30 502	6 256,278	30 043,252	4,802	4,340
81	86	26 590	5 346,957	23 786,974	4,449	3,987
82	87	22 706	4 476,317	18 440,018	4,119	3,658
83	88	18 952	3 662,947	13 963,701	3,812	3,351
84	89	15 420	2 921,873	10 300,754	3,525	3,064
85	90	12 188	2 264,174	7 378,882	3,259	2,797
86	91	9 303	1 694,316	5 114,708	3,019	2,557
87	92	6 832	1 219,890	3 420,392	2,804	2,342
88	93	4 818	843,355	2 200,503	2,609	2,148
89	94	3 244	556,777	1 357,148	2,438	1,976
90	95	2 085	350,838	800,370	2,281	1,820
91	96	1 275	210,350	449,532	2,137	1,675
92	97	730	117,989	239,182	2,027	1,566
93	98	396	62,811	121,193	1,929	1,468
94	99	206	32,002	58,382	1,824	1,363
95	100	100	15,185	26,380	1,737	1,276

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 634	99 633,675	3 796 768,182	38,107	37,646
1	7	99 270	97 323,501	3 697 134,508	37,988	37,526
2	8	99 238	95 384,391	3 599 811,007	37,740	37,278
3	9	99 216	93 492,995	3 504 426,615	37,483	37,022
4	10	99 199	91 644,208	3 410 933,620	37,219	36,758
5	11	99 182	89 832,435	3 319 289,413	36,950	36,488
6	12	99 165	88 055,358	3 229 456,977	36,675	36,214
7	13	99 148	86 314,156	3 141 401,619	36,395	35,933
8	14	99 130	84 606,461	3 055 087,463	36,109	35,648
9	15	99 112	82 932,770	2 970 481,002	35,818	35,356
10	16	99 092	81 290,240	2 887 548,232	35,521	35,060
11	17	99 070	79 678,265	2 806 257,992	35,220	34,758
12	18	99 049	78 099,264	2 726 579,727	34,912	34,450
13	19	99 022	76 547,551	2 648 480,463	34,599	34,138
14	20	98 996	75 026,307	2 571 932,912	34,280	33,819
15	21	98 964	73 531,627	2 496 906,605	33,957	33,495
16	22	98 932	72 066,420	2 423 374,978	33,627	33,165
17	23	98 891	70 624,368	2 351 308,558	33,293	32,832
18	24	98 846	69 208,096	2 280 684,190	32,954	32,492
19	25	98 791	67 812,871	2 211 476,094	32,611	32,150
20	26	98 732	66 444,127	2 143 663,223	32,263	31,801
21	27	98 671	65 100,917	2 077 219,096	31,908	31,446
22	28	98 610	63 784,834	2 012 118,180	31,545	31,084
23	29	98 542	62 491,053	1 948 333,346	31,178	30,716
24	30	98 476	61 224,800	1 885 842,293	30,802	30,340
25	31	98 398	59 976,784	1 824 617,493	30,422	29,960
26	32	98 324	58 756,564	1 764 640,708	30,033	29,571
27	33	98 246	57 558,314	1 705 884,145	29,637	29,176
28	34	98 165	56 383,334	1 648 325,831	29,234	28,773
29	35	98 077	55 228,545	1 591 942,497	28,825	28,363
30	36	97 986	54 095,084	1 536 713,952	28,408	27,946
31	37	97 886	52 980,321	1 482 618,868	27,984	27,523
32	38	97 779	51 884,862	1 429 638,547	27,554	27,092
33	39	97 658	50 804,595	1 377 753,685	27,119	26,657
34	40	97 528	49 742,062	1 326 949,090	26,677	26,215
35	41	97 386	48 695,786	1 277 207,028	26,228	25,767
36	42	97 236	47 667,354	1 228 511,242	25,773	25,311
37	43	97 075	46 655,472	1 180 843,887	25,310	24,848
38	44	96 892	45 654,346	1 134 188,415	24,843	24,381
39	45	96 695	44 667,979	1 088 534,069	24,369	23,908
40	46	96 476	43 692,950	1 043 866,090	23,891	23,429
41	47	96 239	42 731,116	1 000 173,139	23,406	22,945
42	48	95 979	41 780,045	957 442,023	22,916	22,455
43	49	95 688	40 836,614	915 661,978	22,423	21,961
44	50	95 374	39 904,373	874 825,364	21,923	21,461
45	51	95 026	38 979,223	834 920,991	21,420	20,958
46	52	94 636	38 058,350	795 941,769	20,914	20,452
47	53	94 210	37 143,941	757 883,418	20,404	19,942
48	54	93 745	36 236,117	720 739,478	19,890	19,428
49	55	93 226	35 328,916	684 503,360	19,375	18,914
50	56	92 648	34 421,204	649 174,444	18,860	18,398
51	57	92 009	33 513,790	614 753,240	18,343	17,882
52	58	91 309	32 606,566	581 239,450	17,826	17,364
53	59	90 536	31 696,391	548 632,884	17,309	16,847
54	60	89 686	30 783,360	516 936,493	16,793	16,331
55	61	88 739	29 860,940	486 153,133	16,281	15,819
56	62	87 712	28 936,866	456 292,193	15,769	15,307
57	63	86 600	28 009,712	427 355,327	15,257	14,796
58	64	85 385	27 075,183	399 345,616	14,750	14,288
59	65	84 056	26 131,051	372 270,433	14,246	13,785
60	66	82 640	25 187,353	346 139,382	13,743	13,281
61	67	81 111	24 236,475	320 952,029	13,243	12,781
62	68	79 473	23 281,249	296 715,554	12,745	12,283
63	69	77 702	22 316,174	273 434,305	12,253	11,791
64	70	75 807	21 345,140	251 118,132	11,765	11,303
65	71	73 785	20 368,461	229 772,991	11,281	10,819
66	72	71 652	19 391,741	209 404,531	10,799	10,337
67	73	69 418	18 418,854	190 012,789	10,316	9,855
68	74	67 050	17 441,626	171 593,936	9,838	9,377
69	75	64 591	16 472,401	154 152,310	9,358	8,897
70	76	62 012	15 504,647	137 679,909	8,880	8,418
71	77	59 321	14 541,114	122 175,262	8,402	7,940
72	78	56 483	13 573,851	107 634,148	7,930	7,468
73	79	53 494	12 603,543	94 060,297	7,463	7,001
74	80	50 324	11 624,203	81 456,754	7,008	6,546
75	81	46 982	10 639,413	69 832,551	6,564	6,102
76	82	43 465	9 649,939	59 193,137	6,134	5,672
77	83	39 783	8 659,248	49 543,198	5,721	5,260
78	84	35 999	7 682,117	40 883,950	5,322	4,860
79	85	32 123	6 720,575	33 201,833	4,940	4,479
80	86	28 180	5 780,021	26 481,259	4,582	4,120
81	87	24 272	4 880,809	20 701,238	4,241	3,780
82	88	20 436	4 028,929	15 820,429	3,927	3,465
83	89	16 787	3 244,631	11 791,500	3,634	3,173
84	90	13 423	2 543,438	8 546,869	3,360	2,899
85	91	10 390	1 930,262	6 003,431	3,110	2,649
86	92	7 743	1 410,290	4 073,169	2,888	2,427
87	93	5 551	991,158	2 662,879	2,687	2,225
88	94	3 811	667,116	1 671,721	2,506	2,044
89	95	2 497	428,627	1 004,605	2,344	1,882
90	96	1 558	262,154	575,979	2,197	1,735
91	97	911	150,263	313,824	2,089	1,627
92	98	511	82,708	163,562	1,978	1,516
93	99	272	43,144	80,853	1,874	1,412
94	100	136	21,218	37,710	1,777	1,316

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 625	99 624,861	3 783 060,958	37,973	37,511
1	8	99 265	97 318,980	3 683 436,097	37,849	37,387
2	9	99 231	95 377,745	3 586 117,117	37,599	37,137
3	10	99 209	93 487,276	3 490 739,373	37,339	36,878
4	11	99 193	91 638,847	3 397 252,097	37,072	36,611
5	12	99 175	89 825,489	3 305 613,250	36,800	36,339
6	13	99 157	88 048,444	3 215 787,761	36,523	36,061
7	14	99 138	86 306,024	3 127 739,317	36,240	35,778
8	15	99 121	84 598,660	3 041 433,293	35,951	35,490
9	16	99 100	82 922,679	2 956 834,633	35,658	35,196
10	17	99 078	81 278,270	2 873 911,953	35,359	34,897
11	18	99 056	79 667,416	2 792 633,683	35,054	34,592
12	19	99 029	78 083,877	2 712 966,268	34,744	34,283
13	20	99 005	76 534,171	2 634 882,390	34,428	33,966
14	21	98 977	75 012,436	2 558 348,219	34,106	33,644
15	22	98 948	73 519,502	2 483 335,783	33,778	33,316
16	23	98 916	72 054,687	2 409 816,281	33,444	32,983
17	24	98 873	70 611,658	2 337 761,594	33,107	32,646
18	25	98 828	69 195,643	2 267 149,936	32,764	32,303
19	26	98 772	67 799,971	2 197 954,293	32,418	31,957
20	27	98 714	66 431,622	2 130 154,322	32,065	31,604
21	28	98 650	65 086,908	2 063 722,700	31,707	31,246
22	29	98 587	63 769,804	1 998 635,792	31,341	30,880
23	30	98 517	62 474,882	1 934 865,988	30,970	30,509
24	31	98 445	61 205,384	1 872 391,106	30,592	30,130
25	32	98 367	59 957,952	1 811 185,722	30,208	29,746
26	33	98 291	58 736,432	1 751 227,770	29,815	29,353
27	34	98 210	57 537,573	1 692 491,339	29,415	28,954
28	35	98 125	56 360,443	1 634 953,765	29,009	28,547
29	36	98 037	55 205,784	1 578 593,322	28,595	28,133
30	37	97 941	54 070,282	1 523 387,538	28,174	27,713
31	38	97 839	52 955,173	1 469 317,257	27,746	27,285
32	39	97 720	51 853,562	1 416 362,084	27,315	26,853
33	40	97 599	50 774,054	1 364 508,522	26,874	26,413
34	41	97 461	49 707,954	1 313 734,468	26,429	25,967
35	42	97 314	48 659,739	1 264 026,513	25,977	25,515
36	43	97 159	47 629,518	1 215 366,775	25,517	25,055
37	44	96 987	46 613,106	1 167 737,257	25,052	24,590
38	45	96 798	45 610,035	1 121 124,150	24,581	24,119
39	46	96 583	44 616,511	1 075 514,115	24,106	23,644
40	47	96 358	43 639,754	1 030 897,604	23,623	23,161
41	48	96 107	42 672,562	987 257,851	23,136	22,674
42	49	95 826	41 713,445	944 585,289	22,645	22,183
43	50	95 521	40 765,229	902 871,844	22,148	21,686
44	51	95 197	39 830,422	862 106,615	21,644	21,183
45	52	94 822	38 895,702	822 276,193	21,141	20,679
46	53	94 416	37 969,561	783 380,491	20,632	20,170
47	54	93 968	37 048,567	745 410,930	20,120	19,658
48	55	93 475	36 131,442	708 362,362	19,605	19,144
49	56	92 924	35 214,258	672 230,920	19,090	18,628
50	57	92 316	34 298,080	637 016,662	18,573	18,111
51	58	91 648	33 382,278	602 718,582	18,055	17,593
52	59	90 912	32 464,746	569 336,304	17,537	17,075
53	60	90 109	31 547,217	536 871,557	17,018	16,556
54	61	89 213	30 620,948	505 324,341	16,503	16,041
55	62	88 234	29 691,154	474 703,393	15,988	15,526
56	63	87 174	28 759,354	445 012,239	15,474	15,012
57	64	86 016	27 820,677	416 252,884	14,962	14,500
58	65	84 747	26 872,859	388 432,207	14,454	13,993
59	66	83 386	25 922,775	361 559,348	13,948	13,486
60	67	81 916	24 966,658	335 636,573	13,443	12,982
61	68	80 342	24 006,660	310 669,915	12,941	12,479
62	69	78 641	23 037,595	286 663,255	12,443	11,982
63	70	76 804	22 058,319	263 625,661	11,951	11,490
64	71	74 852	21 076,217	241 567,341	11,462	11,000
65	72	72 774	20 089,376	220 491,124	10,976	10,514
66	73	70 591	19 104,480	200 401,747	10,490	10,028
67	74	68 279	18 116,487	181 297,267	10,007	9,546
68	75	65 854	17 130,412	163 180,781	9,526	9,064
69	76	63 348	16 155,614	146 050,369	9,040	8,579
70	77	60 674	15 170,275	129 894,755	8,562	8,101
71	78	57 910	14 195,086	114 724,480	8,082	7,620
72	79	54 932	13 201,275	100 529,393	7,615	7,154
73	80	51 814	12 207,610	87 328,118	7,154	6,692
74	81	48 489	11 200,367	75 120,508	6,707	6,245
75	82	44 977	10 185,388	63 920,141	6,276	5,814
76	83	41 319	9 173,435	53 734,753	5,858	5,396
77	84	37 526	8 168,169	44 561,317	5,455	4,994
78	85	33 653	7 181,526	36 393,148	5,068	4,606
79	86	29 678	6 208,973	29 211,622	4,705	4,243
80	87	25 723	5 276,119	23 002,649	4,360	3,898
81	88	21 846	4 392,994	17 726,530	4,035	3,574
82	89	18 102	3 568,817	13 333,536	3,736	3,275
83	90	14 613	2 824,393	9 764,718	3,457	2,996
84	91	11 443	2 168,341	6 940,325	3,201	2,739
85	92	8 649	1 606,684	4 771,984	2,970	2,508
86	93	6 291	1 145,858	3 165,300	2,762	2,301
87	94	4 391	784,032	2 019,442	2,576	2,114
88	95	2 934	513,569	1 235,411	2,406	1,944
89	96	1 866	320,280	721,842	2,254	1,792
90	97	1 113	187,269	401,562	2,144	1,683
91	98	639	105,331	214,293	2,034	1,573
92	99	351	56,811	108,962	1,918	1,456
93	100	180	28,606	52,151	1,823	1,361

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 620	99 620,233	3 768 556,487	37,829	37,368
1	9	99 258	97 312,198	3 668 936,254	37,703	37,241
2	10	99 225	95 371,910	3 571 624,056	37,449	36,988
3	11	99 204	93 481,808	3 476 252,146	37,186	36,725
4	12	99 185	91 631,761	3 382 770,338	36,917	36,455
5	13	99 167	89 818,435	3 291 138,577	36,642	36,181
6	14	99 148	88 040,148	3 201 320,142	36,362	35,900
7	15	99 129	86 298,066	3 113 279,993	36,076	35,614
8	16	99 109	84 588,367	3 026 981,927	35,785	35,323
9	17	99 086	82 910,469	2 942 393,560	35,489	35,027
10	18	99 064	81 267,203	2 859 483,091	35,186	34,725
11	19	99 037	79 651,720	2 778 215,888	34,880	34,418
12	20	99 012	78 070,229	2 698 564,168	34,566	34,104
13	21	98 987	76 520,022	2 620 493,939	34,246	33,784
14	22	98 961	75 000,067	2 543 973,917	33,920	33,458
15	23	98 931	73 507,532	2 468 973,850	33,588	33,126
16	24	98 898	72 041,720	2 395 466,318	33,251	32,789
17	25	98 856	70 598,953	2 323 424,598	32,910	32,449
18	26	98 810	69 182,480	2 252 825,646	32,564	32,102
19	27	98 753	67 787,212	2 183 643,166	32,213	31,752
20	28	98 693	66 417,327	2 115 855,954	31,857	31,395
21	29	98 627	65 071,571	2 049 438,627	31,495	31,034
22	30	98 561	63 753,302	1 984 367,056	31,126	30,664
23	31	98 485	62 455,069	1 920 613,754	30,752	30,290
24	32	98 414	61 186,165	1 858 158,685	30,369	29,907
25	33	98 334	59 937,408	1 796 972,519	29,981	29,519
26	34	98 255	58 715,267	1 737 035,111	29,584	29,122
27	35	98 170	57 514,213	1 678 319,844	29,181	28,719
28	36	98 084	56 337,215	1 620 805,630	28,770	28,308
29	37	97 992	55 180,472	1 564 468,415	28,352	27,890
30	38	97 894	54 044,616	1 509 287,943	27,927	27,465
31	39	97 780	52 923,227	1 455 243,327	27,497	27,036
32	40	97 661	51 822,391	1 402 320,100	27,060	26,599
33	41	97 533	50 739,238	1 350 497,709	26,616	26,155
34	42	97 389	49 671,158	1 299 758,471	26,167	25,706
35	43	97 237	48 621,115	1 250 087,313	25,711	25,249
36	44	97 071	47 586,267	1 201 466,198	25,248	24,787
37	45	96 893	46 567,865	1 153 879,931	24,778	24,317
38	46	96 687	45 557,482	1 107 312,066	24,306	23,844
39	47	96 466	44 562,190	1 061 754,585	23,826	23,365
40	48	96 226	43 579,954	1 017 192,395	23,341	22,879
41	49	95 954	42 604,540	973 612,441	22,852	22,391
42	50	95 658	41 640,527	931 007,901	22,358	21,897
43	51	95 344	40 689,682	889 367,374	21,857	21,396
44	52	94 993	39 745,078	848 677,692	21,353	20,891
45	53	94 601	38 804,960	808 932,614	20,846	20,385
46	54	94 173	37 872,068	770 127,654	20,335	19,873
47	55	93 696	36 941,545	732 255,587	19,822	19,360
48	56	93 171	36 014,179	695 314,041	19,307	18,845
49	57	92 591	35 088,298	659 299,862	18,790	18,328

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
50	58	91 954	34 163,490	624 211,564	18,271	17,810
51	59	91 250	33 237,085	590 048,074	17,753	17,291
52	60	90 484	32 311,956	556 810,989	17,232	16,771
53	61	89 634	31 380,775	524 499,033	16,714	16,252
54	62	88 706	30 446,841	493 118,259	16,196	15,734
55	63	87 693	29 509,016	462 671,418	15,679	15,217
56	64	86 586	28 565,260	433 162,402	15,164	14,702
57	65	85 373	27 612,782	404 597,142	14,653	14,191
58	66	84 071	26 658,670	376 984,359	14,141	13,680
59	67	82 655	25 695,637	350 325,689	13,634	13,172
60	68	81 140	24 729,919	324 630,052	13,127	12,665
61	69	79 501	23 755,414	299 900,133	12,624	12,163
62	70	77 732	22 771,404	276 144,719	12,127	11,665
63	71	75 836	21 780,411	253 373,315	11,633	11,171
64	72	73 826	20 787,436	231 592,904	11,141	10,679
65	73	71 696	19 791,781	210 805,468	10,651	10,190
66	74	69 432	18 790,858	191 013,687	10,165	9,704
67	75	67 060	17 793,231	172 222,830	9,679	9,218
68	76	64 587	16 800,971	154 429,598	9,192	8,730
69	77	61 982	15 807,203	137 628,628	8,707	8,245
70	78	59 231	14 809,276	121 821,425	8,226	7,764
71	79	56 320	13 805,459	107 012,149	7,751	7,290
72	80	53 207	12 786,564	93 206,690	7,289	6,828
73	81	49 924	11 762,502	80 420,126	6,837	6,375
74	82	46 420	10 722,404	68 657,623	6,403	5,942
75	83	42 756	9 682,445	57 935,219	5,984	5,522
76	84	38 975	8 653,196	48 252,774	5,576	5,115
77	85	35 081	7 635,906	39 599,578	5,186	4,724
78	86	31 092	6 634,835	31 963,672	4,818	4,356
79	87	27 091	5 667,675	25 328,837	4,469	4,007
80	88	23 152	4 748,795	19 661,162	4,140	3,679
81	89	19 351	3 891,305	14 912,368	3,832	3,371
82	90	15 758	3 106,591	11 021,062	3,548	3,086
83	91	12 458	2 407,863	7 914,471	3,287	2,825
84	92	9 525	1 804,853	5 506,609	3,051	2,589
85	93	7 027	1 305,428	3 701,756	2,836	2,374
86	94	4 977	906,403	2 396,328	2,644	2,182
87	95	3 380	603,575	1 489,925	2,469	2,007
88	96	2 192	383,750	886,350	2,310	1,848
89	97	1 333	228,791	502,600	2,197	1,735
90	98	780	131,272	273,809	2,086	1,624
91	99	439	72,350	142,537	1,970	1,508
92	100	233	37,667	70,187	1,863	1,402

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 613	99 613,291	3 753 242,465	37,678	37,217
1	10	99 252	97 306,245	3 653 629,174	37,548	37,086
2	11	99 219	95 366,331	3 556 322,929	37,291	36,830
3	12	99 196	93 474,579	3 460 956,597	37,026	36,564
4	13	99 177	91 624,565	3 367 482,018	36,753	36,291
5	14	99 157	89 809,973	3 275 857,453	36,475	36,014
6	15	99 138	88 032,031	3 186 047,480	36,192	35,730
7	16	99 117	86 287,567	3 098 015,449	35,903	35,442
8	17	99 094	84 575,912	3 011 727,882	35,610	35,148
9	18	99 072	82 899,180	2 927 151,971	35,310	34,848
10	19	99 045	81 251,192	2 844 252,791	35,006	34,544
11	20	99 020	79 637,797	2 763 001,599	34,695	34,233
12	21	98 994	78 055,796	2 683 363,801	34,378	33,916
13	22	98 970	76 507,404	2 605 308,006	34,053	33,591
14	23	98 945	74 987,856	2 528 800,602	33,723	33,261
15	24	98 914	73 494,303	2 453 812,746	33,388	32,926
16	25	98 880	72 028,757	2 380 318,442	33,047	32,585
17	26	98 837	70 585,523	2 308 289,686	32,702	32,240
18	27	98 791	69 169,460	2 237 704,163	32,351	31,889
19	28	98 732	67 772,625	2 168 534,703	31,997	31,536
20	29	98 669	66 401,677	2 100 762,078	31,637	31,176
21	30	98 601	65 054,732	2 034 360,401	31,272	30,810
22	31	98 530	63 733,084	1 969 305,669	30,899	30,438
23	32	98 454	62 435,459	1 905 572,585	30,521	30,059
24	33	98 380	61 165,201	1 843 137,126	30,134	29,672
25	34	98 298	59 915,811	1 781 971,925	29,741	29,280
26	35	98 215	58 691,429	1 722 056,114	29,341	28,879
27	36	98 130	57 490,510	1 663 364,685	28,933	28,471
28	37	98 039	56 311,384	1 605 874,175	28,518	28,056
29	38	97 945	55 154,280	1 549 562,791	28,095	27,633
30	39	97 835	54 012,014	1 494 408,511	27,668	27,206
31	40	97 722	52 891,413	1 440 396,497	27,233	26,771
32	41	97 594	51 786,856	1 387 505,084	26,793	26,331
33	42	97 460	50 701,678	1 335 718,228	26,345	25,883
34	43	97 312	49 631,731	1 285 016,550	25,891	25,429
35	44	97 149	48 576,964	1 235 384,819	25,431	24,970
36	45	96 976	47 540,081	1 186 807,855	24,964	24,503
37	46	96 781	46 514,207	1 139 267,774	24,493	24,031
38	47	96 569	45 502,015	1 092 753,567	24,015	23,554
39	48	96 334	44 501,126	1 047 251,552	23,533	23,072
40	49	96 073	43 510,485	1 002 750,426	23,046	22,585
41	50	95 786	42 530,064	959 239,941	22,554	22,093
42	51	95 481	41 563,359	916 709,877	22,056	21,594
43	52	95 139	40 602,497	875 146,518	21,554	21,092
44	53	94 771	39 652,354	834 544,021	21,047	20,585
45	54	94 358	38 705,321	794 891,667	20,537	20,075
46	55	93 901	37 762,667	756 186,346	20,025	19,563
47	56	93 392	36 821,653	718 423,679	19,511	19,049
48	57	92 838	35 885,358	681 602,026	18,994	18,532
49	58	92 228	34 950,607	645 716,668	18,475	18,014
50	59	91 554	34 014,899	610 766,061	17,956	17,494
51	60	90 820	33 080,659	576 751,162	17,435	16,973
52	61	90 007	32 141,479	543 670,503	16,915	16,453
53	62	89 124	31 202,347	511 529,023	16,394	15,932
54	63	88 162	30 260,066	480 326,676	15,873	15,412
55	64	87 101	29 309,862	450 066,610	15,355	14,894
56	65	85 939	28 351,802	420 756,747	14,841	14,379
57	66	84 692	27 392,696	392 404,946	14,325	13,864
58	67	83 335	26 425,084	365 012,249	13,813	13,351
59	68	81 871	25 451,985	338 587,165	13,303	12,841
60	69	80 290	24 471,104	313 135,180	12,796	12,335
61	70	78 582	23 480,930	288 664,076	12,294	11,832
62	71	76 753	22 484,512	265 183,147	11,794	11,332
63	72	74 797	21 481,981	242 698,634	11,298	10,836
64	73	72 733	20 479,499	221 216,654	10,802	10,340
65	74	70 519	19 466,876	200 737,154	10,312	9,850
66	75	68 193	18 455,569	181 270,279	9,822	9,360
67	76	65 771	17 451,043	162 814,710	9,330	8,868
68	77	63 194	16 438,642	145 363,667	8,843	8,381
69	78	60 507	15 431,047	128 925,025	8,355	7,893
70	79	57 605	14 402,790	113 493,978	7,880	7,418
71	80	54 551	13 371,768	99 091,187	7,410	6,949
72	81	51 267	12 320,347	85 719,419	6,958	6,496
73	82	47 794	11 260,551	73 399,072	6,518	6,057
74	83	44 128	10 192,943	62 138,522	6,096	5,635
75	84	40 331	9 133,339	51 945,578	5,687	5,226
76	85	36 436	8 089,327	42 812,239	5,292	4,831
77	86	32 411	7 054,625	34 722,912	4,922	4,460
78	87	28 381	6 056,410	27 668,287	4,568	4,107
79	88	24 383	5 101,216	21 611,877	4,237	3,775
80	89	20 508	4 206,473	16 510,661	3,925	3,463
81	90	16 845	3 387,312	12 304,188	3,632	3,171
82	91	13 434	2 648,443	8 916,877	3,367	2,905
83	92	10 370	2 004,222	6 268,433	3,128	2,666
84	93	7 739	1 466,439	4 264,211	2,908	2,446
85	94	5 559	1 032,627	2 797,772	2,709	2,248
86	95	3 831	697,781	1 765,145	2,530	2,068
87	96	2 526	451,005	1 067,364	2,367	1,905
88	97	1 566	274,131	616,359	2,248	1,787
89	98	934	160,378	342,228	2,134	1,672
90	99	536	90,169	181,850	2,017	1,555
91	100	291	47,971	91,682	1,911	1,450

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 607	99 607,197	3 737 115,420	37,519	37,057
1	11	99 247	97 300,553	3 637 508,223	37,384	36,923
2	12	99 211	95 358,957	3 540 207,669	37,125	36,663
3	13	99 188	93 467,239	3 444 848,712	36,856	36,395
4	14	99 168	91 615,933	3 351 381,473	36,581	36,119
5	15	99 148	89 801,692	3 259 765,540	36,300	35,838
6	16	99 126	88 021,320	3 169 963,848	36,014	35,552
7	17	99 103	86 274,861	3 081 942,528	35,722	35,261
8	18	99 081	84 564,395	2 995 667,667	35,425	34,963
9	19	99 053	82 882,848	2 911 103,272	35,123	34,661
10	20	99 027	81 236,990	2 828 220,424	34,814	34,353
11	21	99 001	79 623,074	2 746 983,434	34,500	34,038
12	22	98 977	78 042,924	2 667 360,360	34,178	33,717
13	23	98 954	76 494,948	2 589 317,436	33,850	33,388
14	24	98 927	74 974,361	2 512 822,488	33,516	33,054
15	25	98 896	73 481,079	2 437 848,127	33,177	32,715
16	26	98 861	72 015,055	2 364 367,048	32,832	32,370
17	27	98 818	70 572,239	2 292 351,993	32,482	32,021
18	28	98 770	69 154,576	2 221 779,754	32,128	31,666
19	29	98 709	67 756,655	2 152 625,178	31,770	31,308
20	30	98 644	66 384,494	2 084 868,523	31,406	30,944
21	31	98 570	65 034,101	2 018 484,029	31,037	30,576
22	32	98 499	63 713,072	1 953 449,928	30,660	30,199
23	33	98 421	62 414,066	1 889 736,856	30,277	29,816
24	34	98 345	61 143,161	1 827 322,789	29,886	29,424
25	35	98 258	59 891,485	1 766 179,628	29,490	29,028
26	36	98 175	58 667,241	1 706 288,143	29,084	28,623
27	37	98 085	57 464,151	1 647 620,902	28,672	28,211
28	38	97 993	56 284,655	1 590 156,751	28,252	27,790
29	39	97 886	55 121,008	1 533 872,096	27,827	27,366
30	40	97 776	53 979,545	1 478 751,088	27,395	26,933
31	41	97 655	52 855,145	1 424 771,543	26,956	26,495
32	42	97 522	51 748,520	1 371 916,397	26,511	26,050
33	43	97 383	50 661,433	1 320 167,877	26,059	25,597
34	44	97 223	49 586,662	1 269 506,444	25,602	25,140
35	45	97 054	48 529,816	1 219 919,782	25,138	24,676
36	46	96 865	47 485,304	1 171 389,966	24,668	24,207
37	47	96 664	46 457,576	1 123 904,662	24,192	23,730
38	48	96 437	45 439,663	1 077 447,087	23,712	23,250
39	49	96 180	44 430,189	1 032 007,423	23,228	22,766
40	50	95 905	43 434,426	987 577,234	22,737	22,276
41	51	95 609	42 451,247	944 142,808	22,241	21,779
42	52	95 277	41 474,301	901 691,561	21,741	21,279
43	53	94 917	40 507,772	860 217,260	21,236	20,774
44	54	94 528	39 550,540	819 709,488	20,726	20,264
45	55	94 085	38 593,514	780 158,948	20,215	19,753
46	56	93 596	37 640,110	741 565,435	19,701	19,240
47	57	93 058	36 689,944	703 925,325	19,186	18,724
48	58	92 474	35 744,539	667 235,381	18,667	18,205
49	59	91 827	34 798,593	631 490,842	18,147	17,685
50	60	91 123	33 854,813	596 692,249	17,625	17,163
51	61	90 341	32 906,127	562 837,436	17,104	16,643
52	62	89 495	31 958,727	529 931,310	16,582	16,120
53	63	88 578	31 010,938	497 972,583	16,058	15,596
54	64	87 567	30 055,844	466 961,645	15,536	15,075
55	65	86 450	29 090,839	436 905,800	15,019	14,557
56	66	85 254	28 125,825	407 814,961	14,500	14,038
57	67	83 950	27 152,678	379 689,136	13,983	13,522
58	68	82 545	26 174,516	352 536,457	13,469	13,007
59	69	81 014	25 185,613	326 361,942	12,958	12,497
60	70	79 363	24 188,350	301 176,329	12,451	11,990
61	71	77 592	23 185,098	276 987,979	11,947	11,485
62	72	75 701	22 176,434	253 802,880	11,445	10,983
63	73	73 689	21 163,756	231 626,446	10,944	10,483
64	74	71 539	20 143,305	210 462,690	10,448	9,987
65	75	69 261	19 119,525	190 319,386	9,954	9,493
66	76	66 881	18 100,643	171 199,861	9,458	8,997
67	77	64 352	17 074,695	153 099,218	8,966	8,505
68	78	61 690	16 047,460	136 024,523	8,476	8,015
69	79	58 846	15 007,495	119 977,063	7,994	7,533
70	80	55 795	13 950,334	104 969,568	7,525	7,063
71	81	52 562	12 884,213	91 019,233	7,064	6,603
72	82	49 079	11 794,590	78 135,020	6,625	6,163
73	83	45 434	10 704,517	66 340,430	6,197	5,736
74	84	41 625	9 614,887	55 635,913	5,786	5,325
75	85	37 703	8 538,182	46 021,027	5,390	4,928
76	86	33 662	7 473,530	37 482,845	5,015	4,554
77	87	29 585	6 439,603	30 009,315	4,660	4,199
78	88	25 545	5 451,099	23 569,712	4,324	3,862
79	89	21 598	4 518,647	18 118,613	4,010	3,548
80	90	17 852	3 661,659	13 599,966	3,714	3,253
81	91	14 361	2 887,764	9 938,307	3,442	2,980
82	92	11 182	2 204,473	7 050,542	3,198	2,737
83	93	8 425	1 628,427	4 846,070	2,976	2,514
84	94	6 122	1 159,991	3 217,643	2,774	2,312
85	95	4 279	794,952	2 057,652	2,588	2,127
86	96	2 863	521,398	1 262,700	2,422	1,960
87	97	1 804	322,174	741,302	2,301	1,839
88	98	1 098	192,161	419,128	2,181	1,720
89	99	642	110,161	226,967	2,060	1,599
90	100	355	59,785	116,806	1,954	1,492

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	11	99 601	99 601,371	3 720 170,597	37,351	36,889
1	12	99 239	97 293,029	3 620 569,227	37,213	36,751
2	13	99 204	95 351,469	3 523 276,197	36,950	36,489
3	14	99 179	93 458,433	3 427 924,728	36,679	36,217
4	15	99 159	91 607,486	3 334 466,295	36,399	35,938
5	16	99 136	89 790,766	3 242 858,810	36,116	35,654
6	17	99 112	88 008,359	3 153 068,043	35,827	35,365
7	18	99 089	86 263,114	3 065 059,684	35,532	35,070
8	19	99 061	84 547,735	2 978 796,570	35,232	34,771
9	20	99 035	82 868,360	2 894 248,836	34,926	34,464
10	21	99 009	81 221,971	2 811 380,475	34,614	34,152
11	22	98 985	79 609,944	2 730 158,504	34,294	33,833
12	23	98 961	78 030,218	2 650 548,560	33,968	33,507
13	24	98 937	76 481,181	2 572 518,341	33,636	33,174
14	25	98 909	74 960,870	2 496 037,160	33,298	32,836
15	26	98 877	73 467,101	2 421 076,290	32,955	32,493
16	27	98 843	72 001,502	2 347 609,189	32,605	32,143
17	28	98 797	70 557,053	2 275 607,686	32,252	31,790
18	29	98 746	69 138,280	2 205 050,633	31,893	31,432
19	30	98 683	67 739,121	2 135 912,353	31,531	31,070
20	31	98 613	66 363,441	2 068 173,232	31,164	30,703
21	32	98 539	65 013,681	2 001 809,790	30,791	30,329
22	33	98 465	63 691,242	1 936 796,110	30,409	29,948
23	34	98 385	62 391,577	1 873 104,868	30,022	29,560
24	35	98 305	61 118,338	1 810 713,291	29,626	29,165
25	36	98 218	59 866,802	1 749 594,953	29,225	28,763
26	37	98 130	58 640,342	1 689 728,151	28,815	28,354
27	38	98 038	57 436,875	1 631 087,810	28,398	27,936
28	39	97 934	56 250,702	1 573 650,935	27,976	27,514
29	40	97 828	55 087,872	1 517 400,233	27,545	27,083
30	41	97 709	53 942,531	1 462 312,361	27,109	26,647
31	42	97 582	52 816,019	1 408 369,830	26,666	26,204
32	43	97 445	51 707,445	1 355 553,811	26,216	25,754
33	44	97 295	50 615,429	1 303 846,366	25,760	25,298
34	45	97 129	49 538,534	1 253 230,937	25,298	24,836
35	46	96 942	48 473,898	1 203 692,403	24,832	24,370
36	47	96 747	47 427,490	1 155 218,505	24,358	23,896
37	48	96 531	46 393,915	1 107 791,015	23,878	23,416
38	49	96 283	45 367,230	1 061 397,100	23,396	22,934
39	50	96 012	44 352,522	1 016 029,870	22,908	22,446
40	51	95 727	43 353,933	971 677,348	22,413	21,951
41	52	95 404	42 360,287	928 323,415	21,915	21,453
42	53	95 054	41 377,543	885 963,128	21,412	20,950
43	54	94 674	40 403,762	844 585,585	20,904	20,442
44	55	94 255	39 436,290	804 181,823	20,392	19,930
45	56	93 780	38 468,260	764 745,533	19,880	19,418
46	57	93 262	37 505,473	726 277,273	19,365	18,903
47	58	92 693	36 545,968	688 771,800	18,847	18,385
48	59	92 071	35 589,071	652 225,832	18,327	17,865
49	60	91 395	34 634,818	616 636,761	17,804	17,342
50	61	90 642	33 676,196	582 001,943	17,282	16,821
51	62	89 827	32 719,026	548 325,747	16,759	16,297
52	63	88 946	31 762,678	515 606,720	16,233	15,771
53	64	87 980	30 801,649	483 844,043	15,708	15,247
54	65	86 912	29 831,247	453 042,394	15,187	14,725
55	66	85 761	28 858,973	423 211,147	14,665	14,203
56	67	84 507	27 879,384	394 352,175	14,145	13,683
57	68	83 154	26 895,211	366 472,791	13,626	13,164
58	69	81 681	25 900,582	339 577,580	13,111	12,649
59	70	80 078	24 894,603	313 676,998	12,600	12,139
60	71	78 363	23 883,606	288 782,395	12,091	11,630
61	72	76 529	22 867,421	264 898,789	11,584	11,123
62	73	74 580	21 847,922	242 031,368	11,078	10,616
63	74	72 479	20 816,328	220 183,446	10,577	10,116
64	75	70 262	19 783,884	199 367,118	10,077	9,616
65	76	67 929	18 751,830	179 583,234	9,577	9,115
66	77	65 439	17 710,286	160 831,404	9,081	8,620
67	78	62 821	16 668,377	143 121,118	8,586	8,125
68	79	59 997	15 606,989	126 452,741	8,102	7,641
69	80	56 998	14 536,043	110 845,752	7,626	7,164
70	81	53 761	13 441,684	96 309,709	7,165	6,703
71	82	50 319	12 334,394	82 868,025	6,718	6,257
72	83	46 655	11 212,186	70 533,631	6,291	5,829
73	84	42 857	10 097,448	59 321,445	5,875	5,413
74	85	38 913	8 988,350	49 223,997	5,476	5,015
75	86	34 833	7 888,216	40 235,647	5,101	4,639
76	87	30 727	6 821,987	32 347,431	4,742	4,280
77	88	26 628	5 795,993	25 525,444	4,404	3,942
78	89	22 627	4 828,573	19 729,450	4,086	3,624
79	90	18 801	3 933,401	14 900,877	3,788	3,327
80	91	15 219	3 121,652	10 967,476	3,513	3,052
81	92	11 953	2 403,675	7 845,824	3,264	2,802
82	93	9 085	1 791,130	5 442,149	3,038	2,577
83	94	6 665	1 288,127	3 651,019	2,834	2,373
84	95	4 713	893,002	2 362,891	2,646	2,184
85	96	3 197	594,006	1 469,890	2,475	2,013
86	97	2 045	372,459	875,883	2,352	1,890
87	98	1 265	225,838	503,424	2,229	1,768
88	99	754	131,992	277,586	2,103	1,641
89	100	426	73,040	145,594	1,993	1,532

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 594	99 593,669	3 702 405,298	37,175	36,713
1	13	99 231	97 285,390	3 602 811,629	37,033	36,572
2	14	99 194	95 342,486	3 505 526,239	36,768	36,306
3	15	99 170	93 449,816	3 410 183,754	36,492	36,031
4	16	99 147	91 596,340	3 316 733,938	36,210	35,749
5	17	99 122	89 777,545	3 225 137,598	35,924	35,462
6	18	99 098	87 996,376	3 135 360,053	35,631	35,169
7	19	99 070	86 246,118	3 047 363,678	35,333	34,872
8	20	99 044	84 532,957	2 961 117,559	35,029	34,568
9	21	99 017	82 853,040	2 876 584,603	34,719	34,258
10	22	98 993	81 208,578	2 793 731,563	34,402	33,940
11	23	98 969	79 596,983	2 712 522,985	34,078	33,617
12	24	98 943	78 016,176	2 632 926,002	33,748	33,287
13	25	98 919	76 467,420	2 554 909,826	33,412	32,950
14	26	98 890	74 946,611	2 478 442,407	33,069	32,608
15	27	98 858	73 453,275	2 403 495,796	32,721	32,260
16	28	98 821	71 986,009	2 330 042,521	32,368	31,906
17	29	98 774	70 540,427	2 258 056,512	32,011	31,549
18	30	98 721	69 120,389	2 187 516,085	31,648	31,186
19	31	98 652	67 717,639	2 118 395,696	31,283	30,821
20	32	98 582	66 342,603	2 050 678,057	30,910	30,449
21	33	98 505	64 991,405	1 984 335,453	30,532	30,071
22	34	98 430	63 668,292	1 919 344,048	30,146	29,684
23	35	98 345	62 366,246	1 855 675,756	29,754	29,293
24	36	98 264	61 093,149	1 793 309,510	29,354	28,892
25	37	98 173	59 839,353	1 732 216,361	28,948	28,486
26	38	98 083	58 612,507	1 672 377,008	28,533	28,071
27	39	97 979	57 402,226	1 613 764,501	28,113	27,652
28	40	97 875	56 216,887	1 556 362,275	27,685	27,223
29	41	97 760	55 050,099	1 500 145,388	27,251	26,789
30	42	97 637	53 902,600	1 445 095,289	26,809	26,348
31	43	97 505	52 774,096	1 391 192,690	26,361	25,900
32	44	97 356	51 660,491	1 338 418,594	25,908	25,446
33	45	97 200	50 566,303	1 286 758,103	25,447	24,985
34	46	97 017	49 481,454	1 236 191,800	24,983	24,521
35	47	96 824	48 414,880	1 186 710,346	24,511	24,050
36	48	96 614	47 362,500	1 138 295,466	24,034	23,572
37	49	96 377	46 319,961	1 090 932,966	23,552	23,091
38	50	96 115	45 287,925	1 044 613,005	23,066	22,604
39	51	95 834	44 270,328	999 325,080	22,573	22,112
40	52	95 522	43 261,039	955 054,753	22,077	21,615
41	53	95 181	42 261,462	911 793,714	21,575	21,113
42	54	94 810	41 271,299	869 532,252	21,069	20,607
43	55	94 400	40 287,048	828 260,953	20,559	20,097
44	56	93 949	39 308,302	787 973,905	20,046	19,584
45	57	93 445	38 330,661	748 665,604	19,532	19,070
46	58	92 896	37 358,297	710 334,943	19,014	18,553
47	59	92 290	36 387,014	672 976,646	18,495	18,033
48	60	91 638	35 421,577	636 589,632	17,972	17,510
49	61	90 913	34 452,086	601 168,056	17,449	16,988
50	62	90 127	33 484,717	566 715,970	16,925	16,463
51	63	89 276	32 518,313	533 231,252	16,398	15,936
52	64	88 346	31 548,315	500 712,939	15,871	15,410
53	65	87 322	30 571,478	469 164,624	15,346	14,885
54	66	86 219	29 593,479	438 593,146	14,821	14,359
55	67	85 010	28 606,107	408 999,667	14,298	13,836
56	68	83 706	27 615,025	380 393,560	13,775	13,313
57	69	82 284	26 613,734	352 778,535	13,256	12,794
58	70	80 737	25 601,311	326 164,801	12,740	12,279
59	71	79 070	24 580,961	300 563,490	12,227	11,766
60	72	77 289	23 556,358	275 982,529	11,716	11,254
61	73	75 396	22 528,673	252 426,171	11,205	10,743
62	74	73 355	21 489,263	229 897,498	10,698	10,237
63	75	71 186	20 444,899	208 408,235	10,194	9,732
64	76	68 911	19 403,413	187 963,336	9,687	9,226
65	77	66 464	18 347,429	168 559,924	9,187	8,726
66	78	63 882	17 288,843	150 212,494	8,688	8,227
67	79	61 097	16 210,863	132 923,651	8,200	7,738
68	80	58 112	15 116,704	116 712,788	7,721	7,259
69	81	54 920	14 006,037	101 596,084	7,254	6,792
70	82	51 467	12 868,076	87 590,048	6,807	6,345
71	83	47 834	11 725,335	74 721,972	6,373	5,911
72	84	44 010	10 576,326	62 996,637	5,956	5,495
73	85	40 065	9 439,466	52 420,311	5,553	5,092
74	86	35 951	8 304,115	42 980,844	5,176	4,714
75	87	31 796	7 200,521	34 676,729	4,816	4,354
76	88	27 656	6 140,161	27 476,208	4,475	4,013
77	89	23 587	5 134,079	21 336,047	4,156	3,694
78	90	19 697	4 203,186	16 201,968	3,855	3,393
79	91	16 028	3 353,319	11 998,782	3,578	3,117
80	92	12 668	2 598,355	8 645,463	3,327	2,866
81	93	9 712	1 952,982	6 047,108	3,096	2,635
82	94	7 187	1 416,830	4 094,126	2,890	2,428
83	95	5 131	991,645	2 677,296	2,700	2,238
84	96	3 521	667,271	1 685,651	2,526	2,065
85	97	2 284	424,327	1 018,379	2,400	1,938
86	98	1 434	261,087	594,052	2,275	1,814
87	99	869	155,124	332,965	2,146	1,685
88	100	500	87,515	177,841	2,032	1,571

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 586	99 585,848	3 683 820,114	36,991	36,530
1	14	99 222	97 276,224	3 584 234,266	36,846	36,384
2	15	99 185	95 333,694	3 486 958,042	36,576	36,115
3	16	99 158	93 438,446	3 391 624,347	36,298	35,836
4	17	99 132	91 582,853	3 298 185,902	36,013	35,552
5	18	99 108	89 765,321	3 206 603,049	35,722	35,260
6	19	99 079	87 979,039	3 116 837,728	35,427	34,965
7	20	99 052	86 231,044	3 028 858,689	35,125	34,663
8	21	99 026	84 517,328	2 942 627,646	34,817	34,355
9	22	99 001	82 839,378	2 858 110,318	34,502	34,040
10	23	98 977	81 195,356	2 775 270,940	34,180	33,719
11	24	98 951	79 582,659	2 694 075,584	33,853	33,391
12	25	98 926	78 002,138	2 614 492,925	33,518	33,057
13	26	98 900	76 452,874	2 536 490,788	33,177	32,716
14	27	98 872	74 932,506	2 460 037,914	32,830	32,368
15	28	98 837	73 437,469	2 385 105,408	32,478	32,016
16	29	98 798	71 969,046	2 311 667,939	32,120	31,659
17	30	98 748	70 522,173	2 239 698,893	31,759	31,297
18	31	98 690	69 098,469	2 169 176,720	31,393	30,931
19	32	98 621	67 696,376	2 100 078,251	31,022	30,560
20	33	98 548	66 319,872	2 032 381,875	30,645	30,184
21	34	98 470	64 967,987	1 966 062,002	30,262	29,800
22	35	98 390	63 642,443	1 901 094,016	29,871	29,410
23	36	98 305	62 340,543	1 837 451,573	29,474	29,013
24	37	98 219	61 065,138	1 775 111,030	29,069	28,608
25	38	98 126	59 810,950	1 714 045,892	28,658	28,196
26	39	98 024	58 577,149	1 654 234,942	28,240	27,779
27	40	97 920	57 367,719	1 595 657,793	27,815	27,353
28	41	97 808	56 178,339	1 538 290,074	27,382	26,921
29	42	97 688	55 009,347	1 482 111,735	26,943	26,481
30	43	97 560	53 859,814	1 427 102,388	26,497	26,035
31	44	97 416	52 726,173	1 373 242,574	26,045	25,583
32	45	97 262	51 610,350	1 320 516,401	25,586	25,125
33	46	97 088	50 508,039	1 268 906,050	25,123	24,661
34	47	96 899	49 421,210	1 218 398,011	24,653	24,192
35	48	96 692	48 348,537	1 168 976,802	24,178	23,717
36	49	96 460	47 287,002	1 120 628,264	23,698	23,237
37	50	96 209	46 238,990	1 073 341,263	23,213	22,751
38	51	95 936	45 203,997	1 027 102,273	22,721	22,260
39	52	95 629	44 175,470	981 898,275	22,227	21,766
40	53	95 299	43 160,112	937 722,805	21,727	21,265
41	54	94 937	42 152,948	894 562,693	21,222	20,760
42	55	94 536	41 152,079	852 409,745	20,714	20,252
43	56	94 094	40 156,298	811 257,666	20,203	19,741
44	57	93 613	39 167,697	771 101,368	19,687	19,226
45	58	93 078	38 180,246	731 933,671	19,170	18,709
46	59	92 492	37 195,810	693 753,425	18,651	18,190
47	60	91 856	36 215,764	656 557,615	18,129	17,667
48	61	91 155	35 234,694	620 341,851	17,606	17,144
49	62	90 396	34 256,196	585 107,157	17,080	16,619
50	63	89 574	33 279,307	550 850,962	16,552	16,091
51	64	88 674	32 298,851	517 571,654	16,024	15,563
52	65	87 685	31 312,564	485 272,804	15,498	15,036
53	66	86 626	30 327,810	453 960,239	14,968	14,507
54	67	85 464	29 334,177	423 632,429	14,442	13,980
55	68	84 204	28 334,858	394 298,252	13,916	13,454
56	69	82 830	27 326,015	365 963,394	13,392	12,931
57	70	81 333	26 306,223	338 637,379	12,873	12,411
58	71	79 720	25 278,765	312 331,156	12,355	11,894
59	72	77 986	24 244,158	287 052,390	11,840	11,378
60	73	76 144	23 207,404	262 808,232	11,324	10,863
61	74	74 158	22 158,838	239 600,828	10,813	10,351
62	75	72 047	21 105,826	217 441,989	10,302	9,841
63	76	69 817	20 051,715	196 336,163	9,791	9,330
64	77	67 425	18 984,960	176 284,448	9,285	8,824
65	78	64 882	17 910,825	157 299,488	8,782	8,321
66	79	62 128	16 814,299	139 388,663	8,290	7,828
67	80	59 177	15 701,607	122 574,365	7,806	7,345
68	81	55 994	14 565,526	106 872,757	7,337	6,876
69	82	52 576	13 408,345	92 307,231	6,884	6,423
70	83	48 925	12 232,664	78 898,886	6,450	5,988
71	84	45 121	11 060,374	66 666,222	6,027	5,566
72	85	41 142	9 887,140	55 605,848	5,624	5,162
73	86	37 015	8 720,890	45 718,709	5,242	4,781
74	87	32 816	7 580,163	36 997,818	4,881	4,419
75	88	28 618	6 480,862	29 417,656	4,539	4,078
76	89	24 498	5 438,942	22 936,794	4,217	3,756
77	90	20 532	4 469,124	17 497,852	3,915	3,454
78	91	16 792	3 583,317	13 028,728	3,636	3,174
79	92	13 341	2 791,187	9 445,412	3,384	2,922
80	93	10 293	2 111,159	6 654,225	3,152	2,690
81	94	7 683	1 544,859	4 543,066	2,941	2,479
82	95	5 533	1 090,725	2 998,207	2,749	2,287
83	96	3 834	740,980	1 907,482	2,574	2,113
84	97	2 516	476,663	1 166,502	2,447	1,986
85	98	1 601	297,445	689,838	2,319	1,858
86	99	985	179,336	392,393	2,188	1,726
87	100	576	102,853	213,057	2,071	1,610

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,466	3 664 414,625	36,800	36,338
1	15	99 213	97 267,254	3 564 838,159	36,650	36,188
2	16	99 173	95 322,095	3 467 570,905	36,377	35,916
3	17	99 143	93 424,687	3 372 248,809	36,096	35,634
4	18	99 119	91 570,382	3 278 824,122	35,807	35,345
5	19	99 089	89 747,635	3 187 253,740	35,514	35,052
6	20	99 061	87 963,661	3 097 506,104	35,213	34,752
7	21	99 034	86 215,101	3 009 542,443	34,907	34,446
8	22	99 009	84 503,392	2 923 327,342	34,594	34,133
9	23	98 985	82 825,891	2 838 823,951	34,275	33,813
10	24	98 959	81 180,744	2 755 998,060	33,949	33,487
11	25	98 933	79 568,339	2 674 817,316	33,617	33,155
12	26	98 907	77 987,300	2 595 248,977	33,278	32,816
13	27	98 881	76 438,485	2 517 261,677	32,932	32,470
14	28	98 851	74 916,382	2 440 823,192	32,581	32,119
15	29	98 814	73 420,164	2 365 906,810	32,224	31,763
16	30	98 773	71 950,422	2 292 486,646	31,862	31,400
17	31	98 717	70 499,808	2 220 536,224	31,497	31,035
18	32	98 659	69 076,772	2 150 036,415	31,125	30,664
19	33	98 587	67 673,181	2 080 959,643	30,750	30,289
20	34	98 512	66 295,975	2 013 286,462	30,368	29,907
21	35	98 430	64 941,610	1 946 990,486	29,981	29,519
22	36	98 349	63 616,214	1 882 048,877	29,584	29,123
23	37	98 260	62 311,960	1 818 432,663	29,183	28,721
24	38	98 173	61 036,152	1 756 120,703	28,772	28,310
25	39	98 067	59 774,869	1 695 084,550	28,358	27,896
26	40	97 965	58 541,936	1 635 309,682	27,934	27,472
27	41	97 853	57 328,382	1 576 767,746	27,504	27,043
28	42	97 735	56 136,753	1 519 439,364	27,067	26,605
29	43	97 611	54 965,683	1 463 302,611	26,622	26,161
30	44	97 471	53 810,906	1 408 336,928	26,172	25,710
31	45	97 322	52 674,998	1 354 526,022	25,715	25,253
32	46	97 150	51 550,883	1 301 851,024	25,254	24,792
33	47	96 970	50 446,545	1 250 300,141	24,785	24,323
34	48	96 766	49 353,488	1 199 853,596	24,311	23,850
35	49	96 538	48 271,468	1 150 500,109	23,834	23,372
36	50	96 292	47 204,340	1 102 228,641	23,350	22,889
37	51	96 030	46 153,300	1 055 024,301	22,859	22,398
38	52	95 731	45 107,139	1 008 871,001	22,366	21,904
39	53	95 406	44 072,410	963 763,862	21,868	21,406
40	54	95 055	43 049,291	919 691,452	21,364	20,902
41	55	94 663	42 031,181	876 642,161	20,857	20,395
42	56	94 230	41 018,522	834 610,979	20,347	19,886
43	57	93 757	40 012,661	793 592,458	19,834	19,372
44	58	93 246	39 013,998	753 579,797	19,316	18,854
45	59	92 673	38 014,185	714 565,799	18,797	18,336
46	60	92 056	37 020,753	676 551,614	18,275	17,813
47	61	91 371	36 024,691	639 530,861	17,753	17,291
48	62	90 636	35 034,353	603 506,170	17,226	16,765
49	63	89 841	34 046,053	568 471,817	16,697	16,236
50	64	88 970	33 054,709	534 425,764	16,168	15,706
51	65	88 011	32 057,492	501 371,055	15,640	15,178
52	66	86 987	31 062,989	469 313,563	15,108	14,647
53	67	85 867	30 062,074	438 250,574	14,578	14,117
54	68	84 654	29 056,024	408 188,500	14,048	13,587
55	69	83 322	28 038,314	379 132,475	13,522	13,060
56	70	81 873	27 010,274	351 094,161	12,999	12,537
57	71	80 309	25 974,797	324 083,887	12,477	12,015
58	72	78 627	24 932,401	298 109,090	11,957	11,495
59	73	76 831	23 885,016	273 176,689	11,437	10,976
60	74	74 894	22 826,427	249 291,673	10,921	10,460
61	75	72 835	21 763,454	226 465,246	10,406	9,944
62	76	70 661	20 699,932	204 701,791	9,889	9,427
63	77	68 312	19 619,281	184 001,859	9,379	8,917
64	78	65 820	18 533,185	164 382,578	8,870	8,408
65	79	63 101	17 419,208	145 849,394	8,373	7,911
66	80	60 177	16 286,086	128 430,186	7,886	7,424
67	81	57 020	15 129,103	112 144,099	7,412	6,951
68	82	53 604	13 943,959	97 014,996	6,957	6,496
69	83	49 980	12 746,255	83 071,037	6,517	6,056
70	84	46 151	11 538,932	70 324,782	6,095	5,633
71	85	42 181	10 339,645	58 785,850	5,685	5,224
72	86	38 010	9 134,485	48 446,205	5,304	4,842
73	87	33 788	7 960,603	39 311,720	4,938	4,477
74	88	29 537	6 822,559	31 351,117	4,595	4,134
75	89	25 350	5 740,734	24 528,558	4,273	3,811
76	90	21 325	4 734,501	18 787,824	3,968	3,507
77	91	17 504	3 810,035	14 053,322	3,689	3,227
78	92	13 977	2 982,629	10 243,287	3,434	2,973
79	93	10 840	2 267,834	7 260,658	3,202	2,740
80	94	8 142	1 669,981	4 992,824	2,990	2,528
81	95	5 914	1 189,286	3 322,843	2,794	2,332
82	96	4 134	815,015	2 133,557	2,618	2,156
83	97	2 739	529,317	1 318,542	2,491	2,029
84	98	1 763	334,132	789,225	2,362	1,900
85	99	1 100	204,310	455,093	2,227	1,766
86	100	653	118,906	250,783	2,109	1,647

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 567	99 567,285	3 644 190,307	36,600	36,139
1	16	99 201	97 255,420	3 544 623,022	36,447	35,985
2	17	99 159	95 308,060	3 447 367,602	36,171	35,709
3	18	99 130	93 411,966	3 352 059,542	35,885	35,423
4	19	99 099	91 552,342	3 258 647,576	35,593	35,132
5	20	99 071	89 731,948	3 167 095,234	35,295	34,833
6	21	99 043	87 947,398	3 077 363,286	34,991	34,529
7	22	99 018	86 200,885	2 989 415,888	34,680	34,218
8	23	98 993	84 489,634	2 903 215,003	34,362	33,900
9	24	98 967	82 810,985	2 818 725,370	34,038	33,576
10	25	98 941	81 166,137	2 735 914,385	33,708	33,246
11	26	98 914	79 553,203	2 654 748,248	33,371	32,909
12	27	98 888	77 972,623	2 575 195,045	33,027	32,565
13	28	98 860	76 422,037	2 497 222,422	32,677	32,215
14	29	98 827	74 898,728	2 420 800,385	32,321	31,859
15	30	98 788	73 401,165	2 345 901,657	31,960	31,498
16	31	98 741	71 927,605	2 272 500,492	31,594	31,133
17	32	98 686	70 477,672	2 200 572,887	31,224	30,762
18	33	98 625	69 053,104	2 130 095,215	30,847	30,386
19	34	98 552	67 648,797	2 061 042,111	30,467	30,005
20	35	98 472	66 269,059	1 993 393,314	30,080	29,619
21	36	98 389	64 914,845	1 927 124,255	29,687	29,225
22	37	98 304	63 587,046	1 862 209,409	29,286	28,824
23	38	98 213	62 282,383	1 798 622,363	28,879	28,417
24	39	98 114	60 999,332	1 736 339,981	28,465	28,003
25	40	98 008	59 738,935	1 675 340,649	28,044	27,583
26	41	97 898	58 501,794	1 615 601,713	27,616	27,155
27	42	97 781	57 285,944	1 557 099,919	27,181	26,720
28	43	97 658	56 092,193	1 499 813,975	26,738	26,277
29	44	97 522	54 915,771	1 443 721,782	26,290	25,828
30	45	97 376	53 758,678	1 388 806,011	25,834	25,372
31	46	97 210	52 614,304	1 335 047,333	25,374	24,913
32	47	97 031	51 488,119	1 282 433,029	24,907	24,446
33	48	96 837	50 377,418	1 230 944,910	24,434	23,973
34	49	96 612	49 274,816	1 180 567,492	23,959	23,497
35	50	96 369	48 187,085	1 131 292,676	23,477	23,015
36	51	96 113	47 116,861	1 083 105,591	22,988	22,526
37	52	95 825	46 054,407	1 035 988,729	22,495	22,033
38	53	95 507	45 001,906	989 934,322	21,998	21,536
39	54	95 161	43 959,246	944 932,416	21,496	21,034
40	55	94 780	42 924,935	900 973,170	20,990	20,528
41	56	94 355	41 894,771	858 048,235	20,481	20,019
42	57	93 893	40 871,800	816 153,464	19,969	19,507
43	58	93 389	39 855,646	775 281,664	19,452	18,991
44	59	92 840	38 844,310	735 426,018	18,933	18,471
45	60	92 237	37 835,276	696 581,708	18,411	17,949
46	61	91 571	36 825,433	658 746,432	17,888	17,427
47	62	90 851	35 819,859	621 920,999	17,362	16,901
48	63	90 080	34 819,437	586 101,140	16,833	16,371
49	64	89 235	33 816,280	551 281,702	16,302	15,841
50	65	88 305	32 807,702	517 465,423	15,773	15,311
51	66	87 310	31 801,980	484 657,721	15,240	14,778
52	67	86 224	30 790,812	452 855,742	14,707	14,246
53	68	85 053	29 777,019	422 064,930	14,174	13,713
54	69	83 768	28 751,933	392 287,910	13,644	13,182
55	70	82 360	27 714,343	363 535,977	13,117	12,656
56	71	80 841	26 669,977	335 821,634	12,592	12,130
57	72	79 208	25 618,896	309 151,657	12,067	11,606
58	73	77 463	24 563,063	283 532,761	11,543	11,081
59	74	75 570	23 492,915	258 969,698	11,023	10,562
60	75	73 558	22 419,131	235 476,783	10,503	10,042
61	76	71 434	21 344,913	213 057,651	9,982	9,520
62	77	69 137	20 253,519	191 712,738	9,466	9,004
63	78	66 686	19 152,411	171 459,219	8,952	8,491
64	79	64 014	18 024,485	152 306,808	8,450	7,988
65	80	61 119	16 871,993	134 282,323	7,959	7,497
66	81	57 983	15 692,271	117 410,330	7,482	7,020
67	82	54 586	14 483,486	101 718,059	7,023	6,561
68	83	50 957	13 255,421	87 234,573	6,581	6,119
69	84	47 145	12 023,397	73 979,152	6,153	5,691
70	85	43 143	10 787,019	61 955,755	5,744	5,282
71	86	38 970	9 552,543	51 168,737	5,357	4,895
72	87	34 696	8 338,140	41 616,194	4,991	4,529
73	88	30 411	7 164,977	33 278,053	4,645	4,183
74	89	26 163	6 043,410	26 113,077	4,321	3,859
75	90	22 067	4 997,206	20 069,667	4,016	3,555
76	91	18 180	4 036,276	15 072,461	3,734	3,273
77	92	14 570	3 171,342	11 036,185	3,480	3,018
78	93	11 356	2 423,381	7 864,843	3,245	2,784
79	94	8 575	1 793,915	5 441,463	3,033	2,572
80	95	6 268	1 285,610	3 647,547	2,837	2,376
81	96	4 419	888,662	2 361,938	2,658	2,196
82	97	2 953	582,204	1 473,276	2,531	2,069
83	98	1 920	371,041	891,072	2,402	1,940
84	99	1 211	229,509	520,031	2,266	1,804
85	100	729	135,464	290,522	2,145	1,683

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 555	99 555,170	3 623 147,055	36,393	35,932
1	17	99 186	97 241,100	3 523 591,885	36,236	35,774
2	18	99 145	95 295,082	3 426 350,785	35,955	35,494
3	19	99 110	93 393,563	3 331 055,703	35,667	35,205
4	20	99 082	91 536,339	3 237 662,140	35,370	34,909
5	21	99 053	89 715,359	3 146 125,801	35,068	34,606
6	22	99 027	87 932,896	3 056 410,442	34,758	34,297
7	23	99 002	86 186,850	2 968 477,546	34,442	33,981
8	24	98 975	84 474,429	2 882 290,696	34,120	33,659
9	25	98 949	82 796,084	2 797 816,267	33,792	33,330
10	26	98 922	81 150,697	2 715 020,183	33,457	32,995
11	27	98 896	79 538,231	2 633 869,486	33,115	32,653
12	28	98 867	77 955,844	2 554 331,255	32,766	32,305
13	29	98 837	76 404,029	2 476 375,411	32,412	31,950
14	30	98 802	74 879,347	2 399 971,382	32,051	31,590
15	31	98 757	73 377,887	2 325 092,035	31,687	31,225
16	32	98 710	71 905,020	2 251 714,148	31,315	30,854
17	33	98 652	70 453,524	2 179 809,128	30,940	30,478
18	34	98 589	69 028,222	2 109 355,604	30,558	30,096
19	35	98 512	67 621,331	2 040 327,382	30,173	29,711
20	36	98 432	66 241,748	1 972 706,050	29,780	29,319
21	37	98 344	64 885,082	1 906 464,302	29,382	28,921
22	38	98 258	63 556,864	1 841 579,220	28,975	28,514
23	39	98 154	62 244,811	1 778 022,357	28,565	28,103
24	40	98 055	60 962,663	1 715 777,546	28,145	27,683
25	41	97 941	59 697,973	1 654 814,883	27,720	27,258
26	42	97 825	58 458,487	1 595 116,911	27,286	26,825
27	43	97 703	57 240,473	1 536 658,423	26,846	26,384
28	44	97 569	56 041,258	1 479 417,951	26,399	25,937
29	45	97 427	54 862,471	1 423 376,693	25,944	25,483
30	46	97 264	53 696,736	1 368 514,222	25,486	25,024
31	47	97 091	52 550,246	1 314 817,486	25,020	24,559
32	48	96 898	51 417,565	1 262 267,241	24,549	24,088
33	49	96 683	50 297,113	1 210 849,676	24,074	23,612
34	50	96 443	49 188,680	1 160 552,562	23,594	23,132
35	51	96 190	48 097,785	1 111 363,882	23,106	22,645
36	52	95 907	47 015,904	1 063 266,097	22,615	22,153
37	53	95 601	45 946,964	1 016 250,193	22,118	21,656
38	54	95 262	44 886,355	970 303,229	21,617	21,155
39	55	94 886	43 832,262	925 416,874	21,113	20,651
40	56	94 472	42 785,624	881 584,612	20,605	20,143
41	57	94 018	41 744,915	838 798,988	20,093	19,632
42	58	93 524	40 711,414	797 054,073	19,578	19,117
43	59	92 983	39 682,297	756 342,659	19,060	18,598
44	60	92 403	38 661,495	716 660,362	18,537	18,075
45	61	91 750	37 635,659	677 998,867	18,015	17,553
46	62	91 050	36 616,048	640 363,208	17,489	17,027
47	63	90 294	35 600,124	603 747,160	16,959	16,498
48	64	89 472	34 584,445	568 147,036	16,428	15,966
49	65	88 568	33 563,582	533 562,591	15,897	15,435
50	66	87 601	32 546,210	499 999,010	15,363	14,901
51	67	86 545	31 523,327	467 452,800	14,829	14,367
52	68	85 407	30 498,847	435 929,473	14,293	13,832
53	69	84 163	29 465,383	405 430,626	13,760	13,298
54	70	82 800	28 419,716	375 965,243	13,229	12,767
55	71	81 322	27 365,176	347 545,527	12,700	12,239
56	72	79 733	26 304,551	320 180,351	12,172	11,710
57	73	78 035	25 239,388	293 875,800	11,644	11,182
58	74	76 191	24 159,832	268 636,412	11,119	10,658
59	75	74 221	23 073,727	244 476,580	10,595	10,134
60	76	72 143	21 987,981	221 402,853	10,069	9,608
61	77	69 893	20 884,590	199 414,873	9,548	9,087
62	78	67 492	19 771,556	178 530,282	9,030	8,568
63	79	64 856	18 626,715	158 758,726	8,523	8,062
64	80	62 003	17 458,256	140 132,011	8,027	7,565
65	81	58 891	16 256,815	122 673,755	7,546	7,084
66	82	55 508	15 022,621	106 416,940	7,084	6,622
67	83	51 891	13 768,307	91 394,319	6,638	6,176
68	84	48 067	12 503,687	77 626,012	6,208	5,747
69	85	44 073	11 239,914	65 122,326	5,794	5,332
70	86	39 859	9 965,860	53 882,411	5,407	4,945
71	87	35 573	8 719,753	43 916,551	5,036	4,575
72	88	31 228	7 504,781	35 196,799	4,690	4,228
73	89	26 938	6 346,722	27 692,018	4,363	3,902
74	90	22 775	5 260,680	21 345,296	4,058	3,596
75	91	18 813	4 260,238	16 084,616	3,776	3,314
76	92	15 132	3 359,657	11 824,378	3,520	3,058
77	93	11 838	2 576,709	8 464,722	3,285	2,823
78	94	8 983	1 916,957	5 888,012	3,072	2,610
79	95	6 601	1 381,018	3 971,056	2,875	2,414
80	96	4 684	960,637	2 590,037	2,696	2,235
81	97	3 157	634,813	1 629,400	2,567	2,105
82	98	2 070	408,114	994,587	2,437	1,975
83	99	1 319	254,862	586,474	2,301	1,840
84	100	803	152,173	331,612	2,179	1,718

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 541	99 540,511	3 601 287,956	36,179	35,718
1	18	99 172	97 227,859	3 501 747,445	36,016	35,554
2	19	99 125	95 276,307	3 404 519,586	35,733	35,272
3	20	99 093	93 377,238	3 309 243,279	35,440	34,978
4	21	99 064	91 519,416	3 215 866,040	35,139	34,677
5	22	99 037	89 700,565	3 124 346,624	34,831	34,369
6	23	99 011	87 918,580	3 034 646,059	34,517	34,055
7	24	98 984	86 171,340	2 946 727,480	34,196	33,735
8	25	98 957	84 459,228	2 860 556,140	33,869	33,407
9	26	98 930	82 780,334	2 776 096,912	33,536	33,074
10	27	98 904	81 135,425	2 693 316,577	33,195	32,734
11	28	98 875	79 521,116	2 612 181,153	32,849	32,387
12	29	98 844	77 937,475	2 532 660,037	32,496	32,034
13	30	98 811	76 384,258	2 454 722,562	32,136	31,675
14	31	98 770	74 855,600	2 378 338,304	31,772	31,311
15	32	98 726	73 354,847	2 303 482,704	31,402	30,940
16	33	98 676	71 880,383	2 230 127,857	31,026	30,564
17	34	98 616	70 428,137	2 158 247,474	30,645	30,183
18	35	98 549	69 000,197	2 087 819,337	30,258	29,797
19	36	98 471	67 593,463	2 018 819,140	29,867	29,405
20	37	98 387	66 211,376	1 951 225,677	29,470	29,008
21	38	98 297	64 854,283	1 885 014,301	29,065	28,604
22	39	98 198	63 518,523	1 820 160,017	28,656	28,194
23	40	98 095	62 207,392	1 756 641,494	28,238	27,777
24	41	97 987	60 920,861	1 694 434,102	27,814	27,352
25	42	97 868	59 653,781	1 633 513,241	27,383	26,922
26	43	97 748	58 412,085	1 573 859,461	26,944	26,482
27	44	97 614	57 188,495	1 515 447,375	26,499	26,038
28	45	97 474	55 986,866	1 458 258,881	26,046	25,585
29	46	97 315	54 799,256	1 402 272,015	25,589	25,128
30	47	97 146	53 631,359	1 347 472,759	25,125	24,663
31	48	96 958	52 478,236	1 293 841,400	24,655	24,193
32	49	96 744	51 335,603	1 241 363,164	24,181	23,720
33	50	96 514	50 209,190	1 190 027,561	23,701	23,240
34	51	96 264	49 097,523	1 139 818,370	23,215	22,754
35	52	95 984	47 994,726	1 090 720,847	22,726	22,264
36	53	95 683	46 906,218	1 042 726,121	22,230	21,768
37	54	95 356	45 828,987	995 819,903	21,729	21,267
38	55	94 987	44 756,692	949 990,916	21,226	20,764
39	56	94 578	43 690,006	905 234,224	20,719	20,258
40	57	94 134	42 632,582	861 544,217	20,209	19,747
41	58	93 649	41 581,103	818 911,636	19,694	19,233
42	59	93 117	40 534,343	777 330,533	19,177	18,715
43	60	92 546	39 495,538	736 796,190	18,655	18,194
44	61	91 916	38 457,518	697 300,652	18,132	17,670
45	62	91 229	37 421,667	658 843,133	17,606	17,144
46	63	90 491	36 391,429	621 421,467	17,076	16,614
47	64	89 685	35 359,862	585 030,037	16,545	16,083
48	65	88 804	34 326,006	549 670,175	16,013	15,552
49	66	87 862	33 296,065	515 344,169	15,478	15,016
50	67	86 833	32 261,036	482 048,104	14,942	14,481
51	68	85 724	31 224,416	449 787,067	14,405	13,943
52	69	84 513	30 179,656	418 562,651	13,869	13,407
53	70	83 191	29 124,922	388 382,995	13,335	12,873
54	71	81 757	28 061,662	359 258,073	12,802	12,341
55	72	80 208	26 990,224	331 196,411	12,271	11,809
56	73	78 552	25 914,887	304 206,187	11,739	11,277
57	74	76 754	24 825,054	278 291,301	11,210	10,748
58	75	74 832	23 728,744	253 466,247	10,682	10,220
59	76	72 794	22 629,988	229 737,503	10,152	9,690
60	77	70 587	21 513,789	207 107,515	9,627	9,165
61	78	68 230	20 387,610	185 593,726	9,103	8,642
62	79	65 639	19 228,866	165 206,116	8,592	8,130
63	80	62 818	18 041,567	145 977,250	8,091	7,630
64	81	59 742	16 821,702	127 935,683	7,605	7,144
65	82	56 378	15 563,074	111 113,981	7,140	6,678
66	83	52 767	14 280,820	95 550,908	6,691	6,229
67	84	48 948	12 987,486	81 270,087	6,258	5,796
68	85	44 935	11 688,907	68 282,601	5,842	5,380
69	86	40 718	10 384,280	56 593,694	5,450	4,988
70	87	36 384	9 097,037	46 209,415	5,080	4,618
71	88	32 017	7 848,253	37 112,378	4,729	4,267
72	89	27 662	6 647,720	29 264,125	4,402	3,941
73	90	23 449	5 524,708	22 616,405	4,094	3,632
74	91	19 416	4 484,855	17 091,698	3,811	3,349
75	92	15 659	3 546,075	12 606,843	3,555	3,094
76	93	12 295	2 729,715	9 060,768	3,319	2,858
77	94	9 364	2 038,244	6 331,053	3,106	2,645
78	95	6 915	1 475,740	4 292,809	2,909	2,447
79	96	4 932	1 031,929	2 817,070	2,730	2,268
80	97	3 346	686,228	1 785,141	2,601	2,140
81	98	2 213	444,992	1 098,913	2,470	2,008
82	99	1 422	280,326	653,920	2,333	1,871
83	100	874	168,982	373,594	2,211	1,749

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 527	99 526,958	3 578 615,616	35,956	35,495
1	19	99 153	97 208,703	3 479 088,658	35,790	35,328
2	20	99 108	95 259,654	3 381 879,955	35,502	35,040
3	21	99 074	93 359,975	3 286 620,301	35,204	34,742
4	22	99 047	91 504,325	3 193 260,326	34,897	34,436
5	23	99 021	89 685,961	3 101 756,001	34,585	34,123
6	24	98 993	87 902,758	3 012 070,040	34,266	33,804
7	25	98 966	86 155,834	2 924 167,283	33,940	33,479
8	26	98 939	84 443,162	2 838 011,449	33,609	33,147
9	27	98 912	82 764,755	2 753 568,286	33,270	32,808
10	28	98 882	81 117,966	2 670 803,531	32,925	32,463
11	29	98 851	79 502,377	2 589 685,565	32,574	32,112
12	30	98 818	77 917,307	2 510 183,188	32,216	31,754
13	31	98 780	76 360,034	2 432 265,881	31,853	31,391
14	32	98 739	74 832,096	2 355 905,847	31,483	31,021
15	33	98 692	73 329,713	2 281 073,751	31,107	30,645
16	34	98 641	71 854,482	2 207 744,038	30,725	30,264
17	35	98 576	70 399,544	2 135 889,556	30,340	29,878
18	36	98 509	68 971,760	2 065 490,012	29,947	29,485
19	37	98 426	67 562,471	1 996 518,252	29,551	29,089
20	38	98 340	66 179,948	1 928 955,781	29,147	28,686
21	39	98 238	64 815,160	1 862 775,833	28,740	28,278
22	40	98 139	63 480,339	1 797 960,673	28,323	27,862
23	41	98 028	62 164,737	1 734 480,334	27,901	27,440
24	42	97 915	60 875,764	1 672 315,597	27,471	27,009
25	43	97 791	59 606,430	1 611 439,833	27,035	26,573
26	44	97 659	58 359,043	1 551 833,403	26,591	26,130
27	45	97 520	57 132,989	1 493 474,360	26,140	25,679
28	46	97 362	55 922,356	1 436 341,371	25,685	25,223
29	47	97 196	54 732,537	1 380 419,016	25,221	24,760
30	48	97 013	53 557,868	1 325 686,478	24,752	24,291
31	49	96 804	52 394,583	1 272 128,610	24,280	23,818
32	50	96 575	51 245,864	1 219 734,027	23,802	23,340
33	51	96 335	50 116,143	1 168 488,163	23,316	22,854
34	52	96 058	48 992,322	1 118 372,020	22,827	22,366
35	53	95 760	47 882,756	1 069 379,698	22,333	21,872
36	54	95 438	46 785,778	1 021 496,942	21,833	21,372
37	55	95 080	45 696,601	974 711,164	21,330	20,868
38	56	94 679	44 611,437	929 014,563	20,825	20,363
39	57	94 239	43 533,729	884 403,126	20,315	19,854
40	58	93 765	42 465,286	840 869,397	19,801	19,340
41	59	93 242	41 400,249	798 404,111	19,285	18,823
42	60	92 679	40 343,574	757 003,862	18,764	18,302
43	61	92 057	39 287,161	716 660,288	18,242	17,780
44	62	91 393	38 238,854	677 373,127	17,714	17,253
45	63	90 669	37 192,106	639 134,273	17,185	16,723
46	64	89 881	36 145,827	601 942,167	16,653	16,192
47	65	89 015	35 095,630	565 796,340	16,122	15,660
48	66	88 096	34 052,413	530 700,710	15,585	15,123
49	67	87 092	33 004,321	496 648,297	15,048	14,586
50	68	86 010	31 955,130	463 643,976	14,509	14,048
51	69	84 827	30 897,632	431 688,846	13,972	13,510
52	70	83 536	29 830,942	400 791,215	13,435	12,974
53	71	82 142	28 757,983	370 960,273	12,899	12,438
54	72	80 636	27 677,168	342 202,289	12,364	11,902
55	73	79 020	26 590,402	314 525,122	11,829	11,367
56	74	77 263	25 489,464	287 934,720	11,296	10,835
57	75	75 384	24 382,096	262 445,256	10,764	10,302
58	76	73 392	23 272,407	238 063,160	10,229	9,768
59	77	71 224	22 141,951	214 790,753	9,701	9,239
60	78	68 908	21 001,837	192 648,802	9,173	8,711
61	79	66 357	19 828,011	171 646,965	8,657	8,195
62	80	63 577	18 624,801	151 818,955	8,151	7,690
63	81	60 528	17 383,744	133 194,153	7,662	7,200
64	82	57 193	16 103,855	115 810,409	7,191	6,730
65	83	53 594	14 794,586	99 706,554	6,739	6,278
66	84	49 775	13 470,934	84 911,969	6,303	5,842
67	85	45 759	12 141,181	71 441,035	5,884	5,423
68	86	41 514	10 799,093	59 299,854	5,491	5,030
69	87	37 168	9 478,978	48 500,761	5,117	4,655
70	88	32 748	8 187,829	39 021,783	4,766	4,304
71	89	28 361	6 951,967	30 833,954	4,435	3,974
72	90	24 079	5 786,721	23 881,987	4,127	3,665
73	91	19 991	4 709,945	18 095,267	3,842	3,380
74	92	16 161	3 733,039	13 385,321	3,586	3,124
75	93	12 723	2 881,180	9 652,283	3,350	2,889
76	94	9 726	2 159,275	6 771,103	3,136	2,674
77	95	7 209	1 569,111	4 611,828	2,939	2,478
78	96	5 167	1 102,707	3 042,718	2,759	2,298
79	97	3 523	737,155	1 940,011	2,632	2,170
80	98	2 345	481,033	1 202,856	2,501	2,039
81	99	1 520	305,657	721,822	2,362	1,900
82	100	943	185,866	416,165	2,239	1,777

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 507	99 507,349	3 555 128,702	35,727	35,266
1	20	99 136	97 191,712	3 455 621,352	35,555	35,093
2	21	99 090	95 242,043	3 358 429,640	35,262	34,800
3	22	99 058	93 344,580	3 263 187,598	34,959	34,497
4	23	99 031	91 489,427	3 169 843,018	34,647	34,185
5	24	99 003	89 669,821	3 078 353,591	34,330	33,868
6	25	98 975	87 886,941	2 988 683,770	34,006	33,544
7	26	98 947	86 139,445	2 900 796,829	33,676	33,214
8	27	98 920	84 427,270	2 814 657,384	33,338	32,877
9	28	98 890	82 746,946	2 730 230,114	32,995	32,533
10	29	98 859	81 098,851	2 647 483,168	32,645	32,184
11	30	98 826	79 481,805	2 566 384,317	32,289	31,827
12	31	98 787	77 892,597	2 486 902,513	31,927	31,466
13	32	98 749	76 336,057	2 409 009,916	31,558	31,096
14	33	98 706	74 806,456	2 332 673,858	31,183	30,721
15	34	98 657	73 303,290	2 257 867,402	30,802	30,340
16	35	98 601	71 825,309	2 184 564,112	30,415	29,953
17	36	98 536	70 370,530	2 112 738,803	30,023	29,561
18	37	98 463	68 940,137	2 042 368,273	29,625	29,164
19	38	98 379	67 530,402	1 973 428,136	29,223	28,761
20	39	98 281	66 140,025	1 905 897,734	28,816	28,354
21	40	98 179	64 776,197	1 839 757,709	28,402	27,940
22	41	98 072	63 436,811	1 774 981,513	27,980	27,519
23	42	97 955	62 118,719	1 711 544,702	27,553	27,091
24	43	97 837	60 827,443	1 649 425,983	27,116	26,655
25	44	97 702	59 552,303	1 588 598,540	26,676	26,214
26	45	97 564	58 302,401	1 529 046,237	26,226	25,765
27	46	97 407	57 067,158	1 470 743,835	25,772	25,311
28	47	97 244	55 854,269	1 413 676,677	25,310	24,848
29	48	97 063	54 657,537	1 357 822,408	24,842	24,381
30	49	96 858	53 472,494	1 303 164,871	24,371	23,909
31	50	96 634	52 302,994	1 249 692,377	23,893	23,432
32	51	96 396	51 150,895	1 197 389,383	23,409	22,947
33	52	96 128	50 008,759	1 146 238,488	22,921	22,459
34	53	95 834	48 878,025	1 096 229,729	22,428	21,966
35	54	95 514	47 759,809	1 047 351,704	21,930	21,468
36	55	95 162	46 650,628	999 591,895	21,427	20,966
37	56	94 772	45 548,295	952 941,267	20,922	20,460
38	57	94 340	44 451,863	907 392,972	20,413	19,951
39	58	93 870	43 362,897	862 941,108	19,900	19,439
40	59	93 357	42 280,587	819 578,211	19,384	18,923
41	60	92 803	41 205,405	777 297,625	18,864	18,402
42	61	92 190	40 130,723	736 092,219	18,342	17,881
43	62	91 534	39 063,779	695 961,497	17,816	17,354
44	63	90 832	38 004,280	656 897,718	17,285	16,823
45	64	90 057	36 941,100	618 893,438	16,754	16,292
46	65	89 209	35 875,721	581 952,338	16,221	15,760
47	66	88 305	34 815,902	546 076,617	15,685	15,223
48	67	87 324	33 754,042	511 260,715	15,147	14,685
49	68	86 266	32 691,367	477 506,673	14,607	14,145
50	69	85 110	31 620,698	444 815,306	14,067	13,606
51	70	83 847	30 540,622	413 194,608	13,529	13,068
52	71	82 484	29 455,108	382 653,986	12,991	12,529
53	72	81 017	28 363,948	353 198,878	12,452	11,991
54	73	79 442	27 267,170	324 834,930	11,913	11,451
55	74	77 722	26 153,890	297 567,760	11,378	10,916
56	75	75 884	25 034,651	271 413,871	10,842	10,380
57	76	73 935	23 913,195	246 379,220	10,303	9,841
58	77	71 810	22 770,516	222 466,025	9,770	9,308
59	78	69 529	21 615,050	199 695,509	9,239	8,777
60	79	67 016	20 425,378	178 080,459	8,719	8,257
61	80	64 273	19 205,124	157 655,081	8,209	7,747
62	81	61 259	17 945,713	138 449,957	7,715	7,253
63	82	57 945	16 641,913	120 504,244	7,241	6,779
64	83	54 369	15 308,663	103 862,331	6,785	6,323
65	84	50 554	13 955,563	88 553,668	6,345	5,884
66	85	46 531	12 593,126	74 598,105	5,924	5,462
67	86	42 275	11 216,937	62 004,979	5,528	5,066
68	87	37 895	9 857,628	50 788,042	5,152	4,691
69	88	33 454	8 531,597	40 930,413	4,798	4,336
70	89	29 008	7 252,763	32 398,817	4,467	4,005
71	90	24 688	6 051,562	25 146,054	4,155	3,694
72	91	20 528	4 933,318	19 094,492	3,871	3,409
73	92	16 640	3 920,396	14 161,174	3,612	3,151
74	93	13 131	3 033,087	10 240,778	3,376	2,915
75	94	10 064	2 279,087	7 207,691	3,163	2,701
76	95	7 487	1 662,285	4 928,604	2,965	2,503
77	96	5 387	1 172,476	3 266,319	2,786	2,324
78	97	3 691	787,715	2 093,843	2,658	2,197
79	98	2 470	516,732	1 306,128	2,528	2,066
80	99	1 611	330,413	789,396	2,389	1,928
81	100	1 008	202,661	458,983	2,265	1,803

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 490	99 489,956	3 530 832,922	35,489	35,028
1	21	99 117	97 173,744	3 431 342,966	35,311	34,850
2	22	99 073	95 226,337	3 334 169,222	35,013	34,551
3	23	99 042	93 329,383	3 238 942,885	34,704	34,243
4	24	99 013	91 472,962	3 145 613,502	34,388	33,927
5	25	98 985	89 653,686	3 054 140,540	34,066	33,604
6	26	98 956	87 870,222	2 964 486,854	33,737	33,275
7	27	98 929	86 123,234	2 876 616,632	33,401	32,940
8	28	98 899	84 409,103	2 790 493,398	33,059	32,598
9	29	98 867	82 727,447	2 706 084,295	32,711	32,249
10	30	98 833	81 077,865	2 623 356,848	32,356	31,894
11	31	98 794	79 456,599	2 542 278,983	31,996	31,534
12	32	98 756	77 868,139	2 462 822,384	31,628	31,167
13	33	98 715	76 309,902	2 384 954,246	31,254	30,792
14	34	98 670	74 779,501	2 308 644,343	30,873	30,411
15	35	98 617	73 273,529	2 233 864,842	30,487	30,025
16	36	98 560	71 795,708	2 160 591,313	30,094	29,632
17	37	98 491	70 338,265	2 088 795,605	29,696	29,235
18	38	98 417	68 907,413	2 018 457,340	29,292	28,831
19	39	98 320	67 489,664	1 949 549,927	28,887	28,425
20	40	98 222	66 100,265	1 882 060,263	28,473	28,011
21	41	98 112	64 731,780	1 815 959,997	28,054	27,592
22	42	97 999	63 389,851	1 751 228,217	27,626	27,165
23	43	97 877	62 069,412	1 687 838,366	27,193	26,731
24	44	97 748	60 772,208	1 625 768,955	26,752	26,290
25	45	97 607	59 494,503	1 564 996,747	26,305	25,843
26	46	97 452	58 235,223	1 505 502,244	25,852	25,390
27	47	97 289	56 997,678	1 447 267,021	25,392	24,930
28	48	97 110	55 777,732	1 390 269,343	24,925	24,464
29	49	96 909	54 570,410	1 334 491,611	24,454	23,993
30	50	96 689	53 379,020	1 279 921,200	23,978	23,516
31	51	96 455	52 206,066	1 226 542,180	23,494	23,033
32	52	96 189	51 041,295	1 174 336,114	23,008	22,546
33	53	95 904	49 892,090	1 123 294,820	22,514	22,053
34	54	95 588	48 752,522	1 073 402,729	22,017	21,556
35	55	95 238	47 621,845	1 024 650,207	21,516	21,055
36	56	94 853	46 499,226	977 028,362	21,012	20,550
37	57	94 433	45 385,371	930 529,136	20,503	20,041
38	58	93 970	44 277,429	885 143,765	19,991	19,529
39	59	93 461	43 174,294	840 866,337	19,476	19,014
40	60	92 918	42 081,599	797 692,043	18,956	18,494
41	61	92 313	40 988,007	755 610,444	18,435	17,973
42	62	91 666	39 902,544	714 622,437	17,909	17,448
43	63	90 972	38 824,144	674 719,893	17,379	16,917
44	64	90 219	37 747,793	635 895,748	16,846	16,384
45	65	89 384	36 665,052	598 147,956	16,314	15,852
46	66	88 498	35 589,776	561 482,904	15,777	15,315
47	67	87 531	34 510,841	525 893,128	15,238	14,777
48	68	86 496	33 433,979	491 382,287	14,697	14,235
49	69	85 364	32 349,230	457 948,308	14,156	13,695
50	70	84 126	31 255,334	425 599,078	13,617	13,155
51	71	82 790	30 155,847	394 343,745	13,077	12,615
52	72	81 354	29 051,521	364 187,898	12,536	12,074
53	73	79 817	27 943,776	335 136,377	11,993	11,532
54	74	78 138	26 819,547	307 192,601	11,454	10,992
55	75	76 336	25 687,221	280 373,054	10,915	10,453
56	76	74 425	24 553,200	254 685,833	10,373	9,911
57	77	72 340	23 397,484	230 132,633	9,836	9,374
58	78	70 101	22 228,658	206 735,148	9,300	8,839
59	79	67 621	21 021,760	184 506,491	8,777	8,315
60	80	64 911	19 783,725	163 484,731	8,264	7,802
61	81	61 929	18 504,877	143 701,006	7,766	7,304
62	82	58 645	17 179,900	125 196,129	7,287	6,826
63	83	55 083	15 820,153	108 016,229	6,828	6,366
64	84	51 285	14 440,487	92 196,076	6,385	5,923
65	85	47 260	13 046,175	77 755,589	5,960	5,498
66	86	42 989	11 634,478	64 709,415	5,562	5,100
67	87	38 590	10 239,045	53 074,936	5,184	4,722
68	88	34 108	8 872,403	42 835,891	4,828	4,366
69	89	29 633	7 557,272	33 963,489	4,494	4,033
70	90	25 251	6 313,400	26 406,217	4,183	3,721
71	91	21 047	5 159,101	20 092,818	3,895	3,433
72	92	17 087	4 106,324	14 933,716	3,637	3,175
73	93	13 520	3 185,315	10 827,393	3,399	2,938
74	94	10 387	2 399,250	7 642,078	3,185	2,724
75	95	7 748	1 754,521	5 242,828	2,988	2,527
76	96	5 595	1 242,097	3 488,307	2,808	2,347
77	97	3 848	837,555	2 246,210	2,682	2,220
78	98	2 588	552,174	1 408,655	2,551	2,089
79	99	1 697	354,934	856,481	2,413	1,951
80	100	1 068	219,075	501,548	2,289	1,828

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 472	99 471,563	3 505 725,359	35,243	34,782
1	22	99 101	97 157,720	3 406 253,797	35,059	34,597
2	23	99 057	95 210,834	3 309 096,077	34,755	34,294
3	24	99 024	93 312,587	3 213 885,243	34,442	33,981
4	25	98 995	91 456,503	3 120 572,656	34,121	33,659
5	26	98 966	89 636,631	3 029 116,154	33,793	33,332
6	27	98 938	87 853,685	2 939 479,522	33,459	32,997
7	28	98 907	86 104,702	2 851 625,837	33,118	32,657
8	29	98 875	84 389,213	2 765 521,135	32,771	32,309
9	30	98 841	82 706,040	2 681 131,922	32,418	31,956
10	31	98 802	81 052,153	2 598 425,883	32,059	31,597
11	32	98 763	79 431,649	2 517 373,730	31,692	31,231
12	33	98 722	77 841,459	2 437 942,081	31,319	30,858
13	34	98 679	76 282,405	2 360 100,622	30,939	30,477
14	35	98 630	74 749,141	2 283 818,216	30,553	30,091
15	36	98 576	73 243,331	2 209 069,076	30,161	29,699
16	37	98 515	71 762,790	2 135 825,744	29,762	29,301
17	38	98 444	70 304,878	2 064 062,955	29,359	28,897
18	39	98 357	68 865,845	1 993 758,077	28,951	28,490
19	40	98 261	67 449,093	1 924 892,232	28,538	28,077
20	41	98 154	66 054,940	1 857 443,139	28,120	27,658
21	42	98 039	64 683,862	1 791 388,198	27,695	27,233
22	43	97 922	63 339,535	1 726 704,337	27,261	26,799
23	44	97 788	62 013,049	1 663 364,802	26,823	26,361
24	45	97 653	60 713,223	1 601 351,754	26,376	25,914
25	46	97 495	59 425,951	1 540 638,530	25,925	25,464
26	47	97 333	58 164,321	1 481 212,579	25,466	25,004
27	48	97 155	56 919,574	1 423 048,258	25,001	24,539
28	49	96 956	55 688,820	1 366 128,684	24,531	24,070
29	50	96 739	54 475,017	1 310 439,864	24,056	23,594
30	51	96 510	53 280,098	1 255 964,847	23,573	23,111
31	52	96 249	52 094,204	1 202 684,748	23,087	22,625
32	53	95 965	50 922,217	1 150 590,544	22,595	22,133
33	54	95 658	49 763,984	1 099 668,327	22,098	21,636
34	55	95 312	48 611,691	1 049 904,344	21,598	21,136
35	56	94 929	47 467,291	1 001 292,653	21,094	20,633
36	57	94 514	46 332,900	953 825,362	20,586	20,125
37	58	94 062	45 207,273	907 492,462	20,074	19,612
38	59	93 561	44 084,848	862 285,189	19,560	19,098
39	60	93 021	42 971,100	818 200,341	19,041	18,579
40	61	92 428	41 859,578	775 229,242	18,520	18,058
41	62	91 788	40 754,954	733 369,663	17,995	17,533
42	63	91 104	39 657,765	692 614,709	17,465	17,003
43	64	90 358	38 562,124	652 956,945	16,933	16,471
44	65	89 545	37 465,716	614 394,820	16,399	15,937
45	66	88 672	36 372,815	576 929,104	15,862	15,400
46	67	87 723	35 277,934	540 556,290	15,323	14,861
47	68	86 701	34 183,602	505 278,355	14,781	14,320
48	69	85 591	33 084,070	471 094,753	14,239	13,778
49	70	84 377	31 975,448	438 010,684	13,698	13,237
50	71	83 067	30 861,554	406 035,236	13,157	12,695
51	72	81 656	29 742,658	375 173,682	12,614	12,152
52	73	80 149	28 621,164	345 431,024	12,069	11,607
53	74	78 506	27 485,046	316 809,860	11,527	11,065
54	75	76 743	26 341,001	289 324,814	10,984	10,522
55	76	74 867	25 193,221	262 983,813	10,439	9,977
56	77	72 820	24 023,687	237 790,592	9,898	9,437
57	78	70 619	22 840,707	213 766,905	9,359	8,897
58	79	68 177	21 618,525	190 926,198	8,832	8,370
59	80	65 496	20 361,372	169 307,673	8,315	7,854
60	81	62 544	19 062,381	148 946,301	7,814	7,352
61	82	59 287	17 715,202	129 883,920	7,332	6,870
62	83	55 749	16 331,575	112 168,718	6,868	6,407
63	84	51 960	14 922,969	95 837,143	6,422	5,961
64	85	47 943	13 499,499	80 914,174	5,994	5,532
65	86	43 662	12 053,039	67 414,675	5,593	5,132
66	87	39 241	10 620,185	55 361,636	5,213	4,751
67	88	34 733	9 215,698	44 741,451	4,855	4,393
68	89	30 213	7 859,157	35 525,753	4,520	4,059
69	90	25 795	6 578,469	27 666,596	4,206	3,744
70	91	21 527	5 382,324	21 088,127	3,918	3,456
71	92	17 519	4 294,258	15 705,803	3,657	3,196
72	93	13 883	3 336,381	11 411,545	3,420	2,959
73	94	10 694	2 519,666	8 075,164	3,205	2,743
74	95	7 996	1 847,026	5 555,498	3,008	2,546
75	96	5 789	1 311,018	3 708,472	2,829	2,367
76	97	3 996	887,289	2 397,454	2,702	2,240
77	98	2 697	587,110	1 510,165	2,572	2,111
78	99	1 777	379,278	923,055	2,434	1,972
79	100	1 125	235,333	543,777	2,311	1,849

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 455	99 455,160	3 479 806,058	34,989	34,527
1	23	99 085	97 141,902	3 380 350,899	34,798	34,336
2	24	99 040	95 193,699	3 283 208,997	34,490	34,028
3	25	99 006	93 295,796	3 188 015,298	34,171	33,709
4	26	98 977	91 439,105	3 094 719,501	33,845	33,383
5	27	98 947	89 619,762	3 003 280,396	33,511	33,050
6	28	98 916	87 834,781	2 913 660,634	33,172	32,710
7	29	98 884	86 084,412	2 825 825,853	32,826	32,365
8	30	98 850	84 367,375	2 739 741,441	32,474	32,012
9	31	98 810	82 679,811	2 655 374,066	32,116	31,655
10	32	98 771	81 026,703	2 572 694,254	31,751	31,290
11	33	98 729	79 404,434	2 491 667,552	31,379	30,918
12	34	98 686	77 813,410	2 412 263,118	31,001	30,539
13	35	98 639	76 251,435	2 334 449,708	30,615	30,154
14	36	98 589	74 718,334	2 258 198,273	30,223	29,761
15	37	98 531	73 209,749	2 183 479,939	29,825	29,363
16	38	98 468	71 728,727	2 110 270,190	29,420	28,959
17	39	98 384	70 262,467	2 038 541,463	29,013	28,552
18	40	98 298	68 824,447	1 968 278,996	28,599	28,137
19	41	98 193	67 402,843	1 899 454,550	28,181	27,719
20	42	98 082	66 006,043	1 832 051,707	27,756	27,294
21	43	97 961	64 632,518	1 766 045,664	27,324	26,863
22	44	97 833	63 282,018	1 701 413,146	26,886	26,425
23	45	97 693	61 952,860	1 638 131,128	26,442	25,980
24	46	97 541	60 643,267	1 576 178,268	25,991	25,529
25	47	97 376	59 353,599	1 515 535,000	25,534	25,072
26	48	97 200	58 084,618	1 456 181,401	25,070	24,608
27	49	97 000	56 828,841	1 398 096,782	24,602	24,140
28	50	96 786	55 591,472	1 341 267,941	24,127	23,666
29	51	96 560	54 374,064	1 285 676,469	23,645	23,183
30	52	96 303	53 165,935	1 231 302,405	23,160	22,698
31	53	96 024	51 972,670	1 178 136,470	22,668	22,207
32	54	95 719	50 791,465	1 126 163,800	22,172	21,711
33	55	95 382	49 620,231	1 075 372,335	21,672	21,210
34	56	95 002	48 453,924	1 025 752,104	21,170	20,708
35	57	94 590	47 297,502	977 298,180	20,663	20,201
36	58	94 143	46 151,084	930 000,677	20,151	19,690
37	59	93 653	45 010,648	883 849,594	19,636	19,175
38	60	93 121	43 877,369	838 838,946	19,118	18,656
39	61	92 531	42 744,386	794 961,577	18,598	18,136
40	62	91 902	41 621,570	752 217,191	18,073	17,611
41	63	91 225	40 504,945	710 595,622	17,543	17,082
42	64	90 489	39 390,118	670 090,676	17,012	16,550
43	65	89 683	38 273,962	630 700,558	16,479	16,017
44	66	88 831	37 167,098	592 426,596	15,940	15,478
45	67	87 895	36 054,112	555 259,498	15,401	14,939
46	68	86 891	34 943,421	519 205,386	14,858	14,397
47	69	85 794	33 825,848	484 261,965	14,316	13,855
48	70	84 602	32 701,796	450 436,117	13,774	13,312
49	71	83 314	31 572,596	417 734,321	13,231	12,769
50	72	81 928	30 438,696	386 161,725	12,687	12,225
51	73	80 446	29 302,063	355 723,029	12,140	11,678
52	74	78 833	28 151,314	326 420,967	11,595	11,134
53	75	77 106	26 994,626	298 269,653	11,049	10,588
54	76	75 268	25 834,428	271 275,027	10,501	10,039
55	77	73 253	24 649,905	245 440,599	9,957	9,495
56	78	71 087	23 452,008	220 790,694	9,415	8,953
57	79	68 680	22 213,774	197 338,686	8,884	8,422
58	80	66 035	20 939,391	175 124,912	8,363	7,902
59	81	63 108	19 618,966	154 185,521	7,859	7,397
60	82	59 875	18 248,916	134 566,555	7,374	6,912
61	83	56 359	16 840,444	116 317,640	6,907	6,445
62	84	52 588	15 405,388	99 477,196	6,457	5,996
63	85	48 574	13 950,541	84 071,808	6,026	5,565
64	86	44 294	12 471,854	70 121,267	5,622	5,161
65	87	39 856	11 002,255	57 649,412	5,240	4,778
66	88	35 319	9 558,745	46 647,157	4,880	4,418
67	89	30 766	8 163,247	37 088,412	4,543	4,082
68	90	26 299	6 841,255	28 925,165	4,228	3,766
69	91	21 991	5 608,302	22 083,910	3,938	3,476
70	92	17 918	4 480,061	16 475,608	3,678	3,216
71	93	14 234	3 489,077	11 995,547	3,438	2,976
72	94	10 982	2 639,163	8 506,470	3,223	2,762
73	95	8 233	1 939,726	5 867,307	3,025	2,563
74	96	5 975	1 380,140	3 927,581	2,846	2,384
75	97	4 136	936,522	2 547,440	2,720	2,258
76	98	2 801	621,973	1 610,918	2,590	2,128
77	99	1 853	403,275	988,945	2,452	1,991
78	100	1 178	251,474	585,670	2,329	1,867

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 439	99 438,968	3 453 071,738	34,726	34,264
1	24	99 067	97 124,420	3 353 632,771	34,529	34,068
2	25	99 022	95 176,570	3 256 508,351	34,215	33,754
3	26	98 987	93 278,049	3 161 331,781	33,891	33,430
4	27	98 958	91 421,897	3 068 053,731	33,559	33,098
5	28	98 926	89 600,477	2 976 631,834	33,221	32,760
6	29	98 893	87 814,083	2 887 031,357	32,877	32,415
7	30	98 858	86 062,136	2 799 217,274	32,526	32,064
8	31	98 818	84 340,620	2 713 155,138	32,169	31,707
9	32	98 779	82 653,850	2 628 814,518	31,805	31,343
10	33	98 737	80 998,940	2 546 160,668	31,434	30,973
11	34	98 694	79 375,822	2 465 161,728	31,057	30,595
12	35	98 646	77 781,818	2 385 785,906	30,673	30,211
13	36	98 599	76 220,009	2 308 004,088	30,281	29,819
14	37	98 544	74 684,076	2 231 784,078	29,883	29,421
15	38	98 484	73 174,999	2 157 100,002	29,479	29,017
16	39	98 409	71 685,456	2 083 925,003	29,070	28,609
17	40	98 325	70 220,229	2 012 239,547	28,656	28,195
18	41	98 231	68 777,254	1 942 019,318	28,236	27,775
19	42	98 121	67 352,948	1 873 242,064	27,812	27,351
20	43	98 004	65 953,650	1 805 889,117	27,381	26,920
21	44	97 872	64 573,828	1 739 935,467	26,945	26,483
22	45	97 738	63 220,598	1 675 361,640	26,500	26,039
23	46	97 581	61 881,476	1 612 141,041	26,052	25,590
24	47	97 422	60 569,433	1 550 259,566	25,595	25,133
25	48	97 242	59 272,267	1 489 690,132	25,133	24,671
26	49	97 045	57 992,029	1 430 417,865	24,666	24,204
27	50	96 831	56 729,500	1 372 425,836	24,192	23,731
28	51	96 607	55 488,449	1 315 696,336	23,711	23,250
29	52	96 353	54 257,557	1 260 207,886	23,226	22,765
30	53	96 078	53 041,901	1 205 950,329	22,736	22,274
31	54	95 778	51 839,221	1 152 908,429	22,240	21,778
32	55	95 442	50 644,744	1 101 069,207	21,741	21,279
33	56	95 072	49 459,191	1 050 424,463	21,238	20,777
34	57	94 663	48 280,606	1 000 965,272	20,732	20,271
35	58	94 219	47 111,901	952 684,666	20,222	19,760
36	59	93 734	45 950,353	905 572,765	19,708	19,246
37	60	93 212	44 798,811	859 622,412	19,189	18,727
38	61	92 630	43 645,873	814 823,600	18,669	18,207
39	62	92 005	42 501,347	771 177,727	18,145	17,683
40	63	91 338	41 366,245	728 676,380	17,615	17,154
41	64	90 610	40 231,581	687 310,136	17,084	16,622
42	65	89 813	39 095,769	647 078,554	16,551	16,090
43	66	88 968	37 968,902	607 982,785	16,013	15,551
44	67	88 053	36 841,435	570 013,883	15,472	15,010
45	68	87 061	35 712,239	533 172,448	14,930	14,468
46	69	85 981	34 577,715	497 460,209	14,387	13,925
47	70	84 803	33 435,003	462 882,494	13,844	13,383
48	71	83 536	32 289,793	429 447,490	13,300	12,838
49	72	82 173	31 139,995	397 157,697	12,754	12,292
50	73	80 715	29 987,790	366 017,702	12,206	11,744
51	74	79 126	28 821,035	336 029,913	11,659	11,198
52	75	77 426	27 649,005	307 208,877	11,111	10,649
53	76	75 623	26 475,482	279 559,872	10,559	10,098
54	77	73 644	25 277,284	253 084,390	10,012	9,551
55	78	71 510	24 063,324	227 807,106	9,467	9,005
56	79	69 136	22 808,297	203 743,782	8,933	8,471
57	80	66 523	21 515,940	180 935,486	8,409	7,948
58	81	63 627	20 175,909	159 419,545	7,901	7,440
59	82	60 415	18 781,749	139 243,636	7,414	6,952
60	83	56 919	17 347,803	120 461,887	6,944	6,482
61	84	53 163	15 885,398	103 114,084	6,491	6,030
62	85	49 161	14 401,524	87 228,686	6,057	5,595
63	86	44 876	12 888,561	72 827,162	5,651	5,189
64	87	40 432	11 384,558	59 938,601	5,265	4,803
65	88	35 873	9 902,629	48 554,042	4,903	4,442
66	89	31 286	8 467,117	38 651,413	4,565	4,103
67	90	26 781	7 105,960	30 184,296	4,248	3,786
68	91	22 421	5 832,333	23 078,335	3,957	3,495
69	92	18 304	4 668,157	17 246,002	3,694	3,233
70	93	14 559	3 640,041	12 577,845	3,455	2,994
71	94	11 259	2 759,950	8 937,803	3,238	2,777
72	95	8 454	2 031,719	6 177,854	3,041	2,579
73	96	6 152	1 449,408	4 146,134	2,861	2,399
74	97	4 268	985,899	2 696,726	2,735	2,274
75	98	2 899	656,485	1 710,827	2,606	2,144
76	99	1 924	427,222	1 054,342	2,468	2,006
77	100	1 228	267,385	627,120	2,345	1,884

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 421	99 421,072	3 425 520,626	34,455	33,993
1	25	99 049	97 106,943	3 326 099,554	34,252	33,790
2	26	99 003	95 158,465	3 228 992,611	33,933	33,471
3	27	98 969	93 260,495	3 133 834,145	33,603	33,141
4	28	98 937	91 402,224	3 040 573,651	33,266	32,804
5	29	98 903	89 579,364	2 949 171,426	32,922	32,461
6	30	98 867	87 791,360	2 859 592,062	32,573	32,111
7	31	98 827	86 034,843	2 771 800,703	32,217	31,756
8	32	98 787	84 314,137	2 685 765,860	31,854	31,393
9	33	98 745	82 625,530	2 601 451,722	31,485	31,023
10	34	98 702	80 969,754	2 518 826,192	31,108	30,647
11	35	98 654	79 343,595	2 437 856,439	30,725	30,264
12	36	98 605	77 749,762	2 358 512,843	30,335	29,873
13	37	98 554	76 185,063	2 280 763,081	29,937	29,476
14	38	98 497	74 648,626	2 204 578,019	29,533	29,071
15	39	98 425	73 130,856	2 129 929,392	29,125	28,663
16	40	98 350	71 642,363	2 056 798,536	28,709	28,248
17	41	98 258	70 172,079	1 985 156,173	28,290	27,828
18	42	98 158	68 726,341	1 914 984,094	27,864	27,402
19	43	98 043	67 299,486	1 846 257,753	27,433	26,972
20	44	97 915	65 893,759	1 778 958,268	26,997	26,536
21	45	97 777	64 511,154	1 713 064,509	26,555	26,093
22	46	97 625	63 147,753	1 648 553,355	26,106	25,645
23	47	97 462	61 806,134	1 585 405,602	25,651	25,190
24	48	97 289	60 486,435	1 523 599,467	25,189	24,727
25	49	97 087	59 177,784	1 463 113,032	24,724	24,262
26	50	96 875	57 890,654	1 403 935,248	24,252	23,790
27	51	96 651	56 624,369	1 346 044,594	23,771	23,310
28	52	96 400	55 369,555	1 289 420,225	23,288	22,826
29	53	96 128	54 130,976	1 234 050,670	22,797	22,336
30	54	95 831	52 905,706	1 179 919,694	22,302	21,841
31	55	95 501	51 689,473	1 127 013,987	21,804	21,342
32	56	95 132	50 480,379	1 075 324,514	21,302	20,840
33	57	94 732	49 282,277	1 024 844,134	20,795	20,334
34	58	94 291	48 091,147	975 561,857	20,286	19,824
35	59	93 809	46 906,992	927 470,710	19,773	19,311
36	60	93 292	45 734,095	880 563,719	19,254	18,792
37	61	92 720	44 562,455	834 829,624	18,734	18,272
38	62	92 103	43 397,708	790 267,169	18,210	17,748
39	63	91 440	42 240,624	746 869,461	17,681	17,220
40	64	90 722	41 087,068	704 628,837	17,150	16,688
41	65	89 932	39 930,944	663 541,768	16,617	16,156
42	66	89 097	38 784,158	623 610,824	16,079	15,617
43	67	88 189	37 636,214	584 826,666	15,539	15,077
44	68	87 218	36 492,097	547 190,452	14,995	14,533
45	69	86 150	35 338,487	510 698,355	14,452	13,990
46	70	84 988	34 178,183	475 359,868	13,908	13,447
47	71	83 734	33 013,763	441 181,685	13,364	12,902
48	72	82 391	31 847,366	408 167,922	12,816	12,355
49	73	80 955	30 678,700	376 320,557	12,267	11,805
50	74	79 390	29 495,505	345 641,857	11,718	11,257
51	75	77 714	28 306,777	316 146,352	11,169	10,707
52	76	75 937	27 117,277	287 839,575	10,615	10,153
53	77	73 992	25 904,513	260 722,298	10,065	9,603
54	78	71 892	24 675,773	234 817,785	9,516	9,055
55	79	69 547	23 402,833	210 142,012	8,979	8,518
56	80	66 964	22 091,786	186 739,178	8,453	7,991
57	81	64 097	20 731,437	164 647,392	7,942	7,480
58	82	60 912	19 314,925	143 915,955	7,451	6,989
59	83	57 432	17 854,326	124 601,030	6,979	6,517
60	84	53 691	16 363,984	106 746,704	6,523	6,062
61	85	49 699	14 850,256	90 382,720	6,086	5,625
62	86	45 418	13 305,213	75 532,464	5,677	5,215
63	87	40 964	11 764,936	62 227,251	5,289	4,828
64	88	36 391	10 246,723	50 462,315	4,925	4,463
65	89	31 776	8 771,729	40 215,592	4,585	4,123
66	90	27 234	7 370,474	31 443,863	4,266	3,805
67	91	22 832	6 058,001	24 073,389	3,974	3,512
68	92	18 662	4 854,633	18 015,388	3,711	3,249
69	93	14 872	3 792,870	13 160,755	3,470	3,008
70	94	11 516	2 879,366	9 367,885	3,253	2,792
71	95	8 668	2 124,705	6 488,519	3,054	2,592
72	96	6 317	1 518,147	4 363,814	2,874	2,413
73	97	4 395	1 035,381	2 845,666	2,748	2,287
74	98	2 992	691,097	1 810,286	2,619	2,158
75	99	1 991	450,927	1 119,189	2,482	2,020
76	100	1 276	283,263	668,261	2,359	1,898

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 403	99 403,183	3 397 152,661	34,175	33,714
1	26	99 030	97 088,471	3 297 749,478	33,966	33,505
2	27	98 984	95 140,557	3 200 661,007	33,641	33,180
3	28	98 947	93 240,426	3 105 520,450	33,307	32,845
4	29	98 913	91 380,686	3 012 280,024	32,964	32,502
5	30	98 877	89 556,183	2 920 899,337	32,615	32,154
6	31	98 836	87 763,518	2 831 343,154	32,261	31,799
7	32	98 796	86 007,828	2 743 579,636	31,899	31,438
8	33	98 754	84 285,248	2 657 571,807	31,531	31,069
9	34	98 710	82 595,757	2 573 286,559	31,155	30,694
10	35	98 662	80 936,880	2 490 690,801	30,773	30,312
11	36	98 613	79 310,896	2 409 753,921	30,384	29,922
12	37	98 560	77 714,114	2 330 443,025	29,987	29,526
13	38	98 507	76 148,900	2 252 728,912	29,583	29,122
14	39	98 438	74 603,595	2 176 580,011	29,175	28,714
15	40	98 365	73 086,894	2 101 976,417	28,760	28,298
16	41	98 282	71 593,238	2 028 889,522	28,339	27,878
17	42	98 185	70 120,133	1 957 296,285	27,913	27,452
18	43	98 080	68 671,789	1 887 176,151	27,481	27,019
19	44	97 954	67 238,373	1 818 504,363	27,046	26,584
20	45	97 820	65 829,804	1 751 265,990	26,603	26,141
21	46	97 665	64 436,822	1 685 436,185	26,156	25,695
22	47	97 506	63 070,870	1 620 999,364	25,701	25,240
23	48	97 328	61 721,441	1 557 928,494	25,241	24,780
24	49	97 134	60 390,017	1 496 207,053	24,776	24,314
25	50	96 918	59 074,337	1 435 817,036	24,305	23,844
26	51	96 696	57 783,371	1 376 742,699	23,826	23,364
27	52	96 444	56 503,041	1 318 959,327	23,343	22,882
28	53	96 175	55 240,379	1 262 456,287	22,854	22,392
29	54	95 881	53 991,985	1 207 215,908	22,359	21,898
30	55	95 555	52 752,878	1 153 223,922	21,861	21,399
31	56	95 191	51 521,718	1 100 471,044	21,359	20,898
32	57	94 792	50 299,813	1 048 949,326	20,854	20,392
33	58	94 360	49 088,887	998 649,513	20,344	19,882
34	59	93 881	47 881,979	949 560,626	19,831	19,370
35	60	93 367	46 686,231	901 678,647	19,314	18,852
36	61	92 800	45 492,803	854 992,417	18,794	18,332
37	62	92 193	44 309,078	809 499,613	18,269	17,808
38	63	91 538	43 131,487	765 190,535	17,741	17,279
39	64	90 823	41 955,547	722 059,048	17,210	16,748
40	65	90 044	40 780,038	680 103,501	16,677	16,216
41	66	89 216	39 612,677	639 323,463	16,139	15,678
42	67	88 316	38 444,327	599 710,786	15,599	15,138
43	68	87 353	37 279,339	561 266,459	15,056	14,594
44	69	86 305	36 110,182	523 987,119	14,511	14,049
45	70	85 155	34 930,165	487 876,937	13,967	13,506
46	71	83 917	33 747,579	452 946,773	13,422	12,960
47	72	82 587	32 561,415	419 199,193	12,874	12,412
48	73	81 171	31 375,592	386 637,778	12,323	11,861
49	74	79 626	30 175,073	355 262,186	11,773	11,312
50	75	77 973	28 969,212	325 087,112	11,222	10,760
51	76	76 219	27 762,398	296 117,901	10,666	10,205
52	77	74 300	26 532,467	268 355,502	10,114	9,653
53	78	72 231	25 288,077	241 823,035	9,563	9,101
54	79	69 919	23 998,472	216 534,958	9,023	8,561
55	80	67 362	22 667,646	192 536,486	8,494	8,032
56	81	64 522	21 286,286	169 868,840	7,980	7,519
57	82	61 362	19 846,746	148 582,554	7,486	7,025
58	83	57 904	18 361,174	128 735,807	7,011	6,550
59	84	54 175	16 841,781	110 374,633	6,554	6,092
60	85	50 192	15 297,656	93 532,851	6,114	5,653
61	86	45 915	13 719,785	78 235,196	5,702	5,241
62	87	41 459	12 145,265	64 515,411	5,312	4,850
63	88	36 870	10 589,084	52 370,146	4,946	4,484
64	89	32 235	9 076,527	41 781,062	4,603	4,142
65	90	27 660	7 635,633	32 704,536	4,283	3,822
66	91	23 217	6 283,505	25 068,903	3,990	3,528
67	92	19 004	5 042,471	18 785,398	3,725	3,264
68	93	15 163	3 944,381	13 742,927	3,484	3,023
69	94	11 764	3 000,257	9 798,546	3,266	2,804
70	95	8 866	2 216,636	6 798,289	3,067	2,605
71	96	6 477	1 587,629	4 581,652	2,886	2,424
72	97	4 513	1 084,484	2 994,024	2,761	2,299
73	98	3 080	725,783	1 909,539	2,631	2,169
74	99	2 055	474,702	1 183,757	2,494	2,032
75	100	1 320	298,980	709,055	2,372	1,910

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	49	94 217	35 004,357	716 323,769	20,464	20,002
1	0	99 644	97 689,974	3 772 311,146	38,615	38,154	51	50	93 740	34 144,126	681 319,412	19,954	19,493
2	1	99 317	95 460,255	3 674 621,172	38,494	38,032	52	51	93 220	33 288,905	647 175,286	19,441	18,980
3	2	99 277	93 550,675	3 579 160,917	38,259	37,797	53	52	92 635	32 431,404	613 886,381	18,929	18,467
4	3	99 254	91 694,964	3 485 610,242	38,013	37,551	54	53	91 985	31 572,309	581 454,976	18,417	17,955
5	4	99 233	89 878,176	3 393 915,278	37,761	37,300	55	54	91 261	30 709,633	549 882,667	17,906	17,444
6	5	99 213	88 098,577	3 304 037,101	37,504	37,042	56	55	90 459	29 843,014	519 173,034	17,397	16,935
7	6	99 195	86 355,609	3 215 938,524	37,241	36,779	57	56	89 572	28 970,795	489 330,020	16,890	16,429
8	7	99 178	84 647,580	3 129 582,916	36,972	36,510	58	57	88 597	28 093,631	460 359,225	16,387	15,925
9	8	99 165	82 976,872	3 044 935,335	36,696	36,235	59	58	87 529	27 210,925	432 265,594	15,886	15,424
10	9	99 150	81 337,697	2 961 958,463	36,416	35,954	60	59	86 370	26 323,964	405 054,669	15,387	14,926
11	10	99 136	79 731,644	2 880 620,766	36,129	35,667	61	60	85 118	25 433,818	378 730,705	14,891	14,429
12	11	99 123	78 157,657	2 800 889,122	35,836	35,375	62	61	83 753	24 535,149	353 296,886	14,400	13,938
13	12	99 108	76 613,954	2 722 731,465	35,538	35,077	63	62	82 282	23 631,697	328 761,737	13,912	13,450
14	13	99 091	75 098,620	2 646 117,511	35,235	34,774	64	63	80 716	22 727,368	305 130,040	13,426	12,964
15	14	99 068	73 609,174	2 571 018,891	34,928	34,466	65	64	79 029	21 815,931	282 402,671	12,945	12,483
16	15	99 043	72 147,667	2 497 409,717	34,615	34,154	66	65	77 229	20 900,976	260 586,740	12,468	12,006
17	16	99 007	70 706,899	2 425 262,050	34,300	33,839	67	66	75 341	19 990,265	239 685,764	11,990	11,529
18	17	98 965	69 291,239	2 354 555,151	33,981	33,519	68	67	73 337	19 076,972	219 695,499	11,516	11,055
19	18	98 914	67 897,310	2 285 263,913	33,658	33,196	69	68	71 248	18 170,246	200 618,527	11,041	10,579
20	19	98 855	66 526,410	2 217 366,602	33,331	32,869	70	69	69 015	17 255,601	182 448,281	10,573	10,112
21	20	98 795	65 182,410	2 150 840,193	32,997	32,536	71	70	66 696	16 348,842	165 192,679	10,104	9,643
22	21	98 736	63 866,616	2 085 657,783	32,656	32,195	72	71	64 233	15 436,388	148 843,837	9,642	9,181
23	22	98 675	62 575,603	2 021 791,167	32,310	31,848	73	72	61 694	14 535,525	133 407,449	9,178	8,716
24	23	98 619	61 313,522	1 959 215,563	31,954	31,492	74	73	59 033	13 635,833	118 871,924	8,718	8,256
25	24	98 554	60 071,939	1 897 902,041	31,594	31,132	75	74	56 259	12 740,265	105 236,091	8,260	7,799
26	25	98 493	58 857,674	1 837 830,102	31,225	30,763	76	75	53 397	11 855,129	92 495,826	7,802	7,341
27	26	98 430	57 666,153	1 778 972,428	30,850	30,388	77	76	50 424	10 975,417	80 640,697	7,347	6,886
28	27	98 366	56 498,699	1 721 306,275	30,466	30,005	78	77	47 328	10 099,707	69 665,280	6,898	6,436
29	28	98 297	55 352,112	1 664 807,576	30,077	29,615	79	78	44 101	9 226,539	59 565,573	6,456	5,994
30	29	98 222	54 225,687	1 609 455,464	29,681	29,219	80	79	40 726	8 353,361	50 339,034	6,026	5,565
31	30	98 142	53 118,844	1 555 229,777	29,278	28,817	81	80	37 221	7 484,736	41 985,673	5,610	5,148
32	31	98 050	52 028,720	1 502 110,933	28,871	28,409	82	81	33 550	6 614,158	34 500,937	5,216	4,755
33	32	97 957	50 960,203	1 450 082,213	28,455	27,994	83	82	29 784	5 756,725	27 886,779	4,844	4,383
34	33	97 852	49 907,322	1 399 122,010	28,034	27,573	84	83	26 007	4 928,092	22 130,055	4,491	4,029
35	34	97 742	48 873,478	1 349 214,688	27,606	27,145	85	84	22 275	4 138,206	17 201,962	4,157	3,695
36	35	97 623	47 857,296	1 300 341,210	27,171	26,710	86	85	18 644	3 395,673	13 063,757	3,847	3,386
37	36	97 499	46 859,273	1 252 483,914	26,729	26,267	87	86	15 197	2 713,635	9 668,084	3,563	3,101
38	37	97 359	45 874,406	1 205 624,641	26,281	25,819	88	87	12 040	2 107,677	6 954,448	3,300	2,838
39	38	97 209	44 905,564	1 159 750,235	25,826	25,365	89	88	9 225	1 583,264	4 846,771	3,061	2,600
40	39	97 042	43 949,492	1 114 844,671	25,366	24,905	90	89	6 822	1 147,932	3 263,507	2,843	2,381
41	40	96 864	43 008,536	1 070 895,179	24,900	24,438	91	90	4 860	801,790	2 115,576	2,639	2,177
42	41	96 668	42 080,117	1 027 886,643	24,427	23,965	92	91	3 319	536,732	1 313,785	2,448	1,986
43	42	96 458	41 165,083	985 806,526	23,948	23,486	93	92	2 140	339,282	777,054	2,290	1,829
44	43	96 233	40 263,799	944 641,443	23,461	23,000	94	93	1 315	204,474	437,771	2,141	1,679
45	44	95 972	39 367,557	904 377,644	22,973	22,511	95	94	760	115,756	233,297	2,015	1,554
46	45	95 691	38 482,660	865 010,087	22,478	22,016	96	95	415	62,019	117,541	1,895	1,434
47	46	95 373	37 602,506	826 527,428	21,981	21,519	97	96	210	30,787	55,523	1,803	1,342
48	47	95 031	36 733,130	788 924,922	21,477	21,016	98	97	100	14,304	24,736	1,729	1,268
49	48	94 649	35 868,023	752 191,792	20,971	20,509	99	98	45	6,283	10,432	1,660	1,199
							100	99	19	2,607	4,149	1,591	1,130

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2	0	99 616	95 748,011	3 682 869,489	38,464	38,003
3	1	99 301	93 573,876	3 587 121,478	38,335	37,873
4	2	99 266	91 706,356	3 493 547,603	38,095	37,633
5	3	99 243	89 887,446	3 401 841,247	37,846	37,384
6	4	99 223	88 107,007	3 311 953,800	37,590	37,129
7	5	99 204	86 363,302	3 223 846,793	37,329	36,867
8	6	99 187	84 655,069	3 137 483,491	37,062	36,600
9	7	99 170	82 980,727	3 052 828,422	36,790	36,328
10	8	99 157	81 343,366	2 969 847,695	36,510	36,048
11	9	99 142	79 736,522	2 888 504,329	36,226	35,764
12	10	99 129	78 162,229	2 808 767,807	35,935	35,473
13	11	99 116	76 619,879	2 730 605,578	35,638	35,177
14	12	99 099	75 104,518	2 653 985,699	35,337	34,876
15	13	99 078	73 616,110	2 578 881,182	35,031	34,570
16	14	99 052	72 154,320	2 505 265,072	34,721	34,259
17	15	99 019	70 715,502	2 433 110,752	34,407	33,945
18	16	98 980	69 301,443	2 362 395,250	34,089	33,627
19	17	98 927	67 906,557	2 293 093,807	33,768	33,307
20	18	98 874	66 539,519	2 225 187,250	33,442	32,980
21	19	98 812	65 193,805	2 158 647,731	33,111	32,650
22	20	98 755	63 878,426	2 093 453,926	32,772	32,311
23	21	98 692	62 585,924	2 029 575,500	32,429	31,967
24	22	98 635	61 323,506	1 966 989,576	32,076	31,614
25	23	98 572	60 082,752	1 905 666,070	31,717	31,256
26	24	98 511	58 868,267	1 845 583,319	31,351	30,889
27	25	98 448	57 677,124	1 786 715,052	30,978	30,516
28	26	98 384	56 509,334	1 729 037,927	30,597	30,136
29	27	98 318	55 364,025	1 672 528,593	30,210	29,748
30	28	98 245	54 238,468	1 617 164,568	29,816	29,354
31	29	98 167	53 132,593	1 562 926,100	29,416	28,954
32	30	98 081	52 045,225	1 509 793,507	29,009	28,548
33	31	97 988	50 976,209	1 457 748,282	28,597	28,135
34	32	97 886	49 924,428	1 406 772,073	28,178	27,716
35	33	97 777	48 891,095	1 356 847,645	27,752	27,291
36	34	97 663	47 876,734	1 307 956,550	27,319	26,858
37	35	97 540	46 878,593	1 260 079,816	26,880	26,418
38	36	97 404	45 895,449	1 213 201,224	26,434	25,972
39	37	97 255	44 926,890	1 167 305,774	25,982	25,521
40	38	97 101	43 976,021	1 122 378,885	25,523	25,061
41	39	96 922	43 034,406	1 078 402,864	25,059	24,597
42	40	96 735	42 108,991	1 035 368,459	24,588	24,126
43	41	96 529	41 195,578	993 259,467	24,111	23,649
44	42	96 309	40 295,784	952 063,889	23,627	23,165
45	43	96 060	39 403,338	911 768,105	23,139	22,678
46	44	95 784	38 520,046	872 364,767	22,647	22,185
47	45	95 483	37 645,882	833 844,721	22,150	21,688
48	46	95 147	36 777,908	796 198,839	21,649	21,187
49	47	94 779	35 917,240	759 420,931	21,144	20,682
50	48	94 368	35 060,245	723 503,690	20,636	20,174
51	49	93 904	34 203,917	688 443,445	20,128	19,666
52	50	93 393	33 350,711	654 239,528	19,617	19,155
53	51	92 834	32 501,044	620 888,818	19,104	18,642
54	52	92 200	31 646,138	588 387,774	18,593	18,131
55	53	91 496	30 788,689	556 741,635	18,083	17,621
56	54	90 721	29 929,471	525 952,946	17,573	17,111
57	55	89 863	29 065,124	496 023,475	17,066	16,604
58	56	88 915	28 194,482	466 958,351	16,562	16,100
59	57	87 874	27 318,125	438 763,869	16,061	15,600
60	58	86 747	26 438,958	411 445,744	15,562	15,100
61	59	85 521	25 554,085	385 006,787	15,066	14,605
62	60	84 197	24 665,283	359 452,701	14,573	14,112
63	61	82 753	23 766,833	334 787,419	14,086	13,625
64	62	81 214	22 867,649	311 020,586	13,601	13,139
65	63	79 566	21 964,165	288 152,937	13,119	12,658
66	64	77 810	21 058,338	266 188,773	12,641	12,179
67	65	75 946	20 150,877	245 130,435	12,165	11,703
68	66	73 985	19 245,604	224 979,558	11,690	11,228
69	67	71 930	18 344,190	205 733,954	11,215	10,754
70	68	69 745	17 438,103	187 389,764	10,746	10,284
71	69	67 476	16 539,955	169 951,661	10,275	9,814
72	70	65 053	15 633,349	153 411,706	9,813	9,351
73	71	62 551	14 737,454	137 778,357	9,349	8,887
74	72	59 921	13 840,866	123 040,903	8,890	8,428
75	73	57 198	12 952,902	109 200,037	8,431	7,969
76	74	54 367	12 070,505	96 247,135	7,974	7,512
77	75	51 412	11 190,628	84 176,629	7,522	7,060
78	76	48 372	10 322,318	72 986,001	7,071	6,609
79	77	45 176	9 451,450	62 663,684	6,630	6,168
80	78	41 876	8 589,116	53 212,234	6,195	5,734
81	79	38 428	7 727,491	44 623,119	5,775	5,313
82	80	34 819	6 864,446	36 895,628	5,375	4,913
83	81	31 112	6 013,337	30 031,182	4,994	4,532
84	82	27 358	5 184,077	24 017,845	4,633	4,171
85	83	23 615	4 386,999	18 833,768	4,293	3,831
86	84	19 944	3 632,370	14 446,769	3,977	3,516
87	85	16 450	2 937,231	10 814,400	3,682	3,220
88	86	13 190	2 308,973	7 877,169	3,412	2,950
89	87	10 249	1 759,076	5 568,196	3,165	2,704
90	88	7 702	1 295,929	3 809,120	2,939	2,478
91	89	5 584	921,088	2 513,190	2,729	2,267
92	90	3 893	629,579	1 592,103	2,529	2,067
93	91	2 571	407,612	962,523	2,361	1,900
94	92	1 619	251,661	554,911	2,205	1,743
95	93	960	146,337	303,250	2,072	1,611
96	94	539	80,561	156,913	1,948	1,486
97	95	281	41,201	76,352	1,853	1,392
98	96	139	20,024	35,151	1,755	1,294
99	97	64	8,963	15,127	1,688	1,226
100	98	27	3,796	6,164	1,624	1,162

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 601	93 855,945	3 594 759,978	38,301	37,839
4	1	99 291	91 729,100	3 500 904,034	38,166	37,704
5	2	99 255	89 898,614	3 409 174,934	37,922	37,461
6	3	99 233	88 116,095	3 319 276,320	37,669	37,208
7	4	99 214	86 371,567	3 231 160,225	37,410	36,948
8	5	99 196	84 662,611	3 144 788,659	37,145	36,683
9	6	99 178	82 988,068	3 060 126,048	36,874	36,413
10	7	99 162	81 347,145	2 977 137,980	36,598	36,136
11	8	99 149	79 742,079	2 895 790,835	36,314	35,853
12	9	99 135	78 167,011	2 816 048,756	36,026	35,564
13	10	99 122	76 624,361	2 737 881,746	35,731	35,270
14	11	99 106	75 110,326	2 661 257,385	35,431	34,970
15	12	99 085	73 621,891	2 586 147,059	35,127	34,666
16	13	99 062	72 161,119	2 512 525,168	34,818	34,357
17	14	99 028	70 722,023	2 440 364,050	34,506	34,045
18	15	98 992	69 309,876	2 369 642,027	34,189	33,727
19	16	98 942	67 916,557	2 300 332,151	33,870	33,408
20	17	98 888	66 548,581	2 232 415,594	33,546	33,084
21	18	98 832	65 206,652	2 165 867,013	33,215	32,754
22	19	98 772	63 889,593	2 100 660,361	32,880	32,418
23	20	98 710	62 597,497	2 036 770,768	32,538	32,076
24	21	98 651	61 333,620	1 974 173,271	32,187	31,726
25	22	98 588	60 092,535	1 912 839,652	31,832	31,370
26	23	98 529	58 878,863	1 852 747,116	31,467	31,005
27	24	98 466	57 687,504	1 793 868,253	31,096	30,635
28	25	98 403	56 520,086	1 736 180,749	30,718	30,256
29	26	98 336	55 374,446	1 679 660,663	30,333	29,871
30	27	98 267	54 250,142	1 624 286,217	29,941	29,479
31	28	98 190	53 145,116	1 570 036,075	29,542	29,081
32	29	98 107	52 058,696	1 516 890,959	29,138	28,676
33	30	98 019	50 992,381	1 464 832,263	28,726	28,265
34	31	97 916	49 940,109	1 413 839,882	28,311	27,849
35	32	97 810	48 907,852	1 363 899,773	27,887	27,426
36	33	97 698	47 893,992	1 314 991,921	27,456	26,995
37	34	97 579	46 897,633	1 267 097,929	27,018	26,557
38	35	97 444	45 914,372	1 220 200,296	26,576	26,114
39	36	97 300	44 947,498	1 174 285,924	26,126	25,664
40	37	97 147	43 996,904	1 129 338,426	25,669	25,207
41	38	96 981	43 060,382	1 085 341,522	25,205	24,743
42	39	96 793	42 134,320	1 042 281,140	24,737	24,275
43	40	96 595	41 223,846	1 000 146,820	24,261	23,800
44	41	96 380	40 325,635	958 922,975	23,779	23,318
45	42	96 136	39 434,639	918 597,340	23,294	22,833
46	43	95 871	38 555,057	879 162,700	22,803	22,341
47	44	95 576	37 682,456	840 607,643	22,308	21,846
48	45	95 257	36 820,334	802 925,187	21,807	21,345
49	46	94 894	35 961,023	766 104,853	21,304	20,842
50	47	94 497	35 108,354	730 143,830	20,797	20,335
51	48	94 054	34 258,527	695 035,476	20,288	19,826
52	49	93 556	33 409,112	660 776,949	19,778	19,317
53	50	93 006	32 561,387	627 367,837	19,267	18,806
54	51	92 398	31 714,092	594 806,450	18,755	18,294
55	52	91 710	30 860,686	563 092,358	18,246	17,785
56	53	90 955	30 006,518	532 231,672	17,737	17,276
57	54	90 124	29 149,328	502 225,155	17,229	16,768
58	55	89 204	28 286,284	473 075,827	16,725	16,263
59	56	88 190	27 416,191	444 789,543	16,224	15,762
60	57	87 089	26 543,117	417 373,352	15,724	15,263
61	58	85 894	25 665,716	390 830,235	15,228	14,766
62	59	84 595	24 781,915	365 164,519	14,735	14,274
63	60	83 192	23 892,891	340 382,604	14,246	13,785
64	61	81 679	22 998,415	316 489,714	13,761	13,300
65	62	80 057	22 099,734	293 491,299	13,280	12,819
66	63	78 339	21 201,424	271 391,564	12,801	12,339
67	64	76 518	20 302,591	250 190,140	12,323	11,861
68	65	74 579	19 400,233	229 887,549	11,850	11,388
69	66	72 566	18 506,344	210 487,316	11,374	10,912
70	67	70 412	17 605,038	191 980,972	10,905	10,443
71	68	68 189	16 714,887	174 375,934	10,432	9,971
72	69	65 813	15 816,098	157 661,047	9,968	9,507
73	70	63 349	14 925,497	141 844,949	9,504	9,042
74	71	60 753	14 033,145	126 919,451	9,044	8,583
75	72	58 058	13 147,666	112 886,306	8,586	8,124
76	73	55 275	12 271,964	99 738,640	8,127	7,666
77	74	52 346	11 393,932	87 466,676	7,677	7,215
78	75	49 320	10 524,722	76 072,744	7,228	6,766
79	76	46 172	9 659,772	65 548,022	6,786	6,324
80	77	42 896	8 798,489	55 888,250	6,352	5,890
81	78	39 513	7 945,581	47 089,761	5,927	5,465
82	79	35 949	7 087,082	39 144,180	5,523	5,062
83	80	32 289	6 240,889	32 057,097	5,137	4,675
84	81	28 578	5 415,163	25 816,208	4,767	4,306
85	82	24 841	4 614,877	20 401,046	4,421	3,959
86	83	21 143	3 850,751	15 786,169	4,100	3,638
87	84	17 596	3 141,972	11 935,418	3,799	3,337
88	85	14 276	2 499,226	8 793,446	3,518	3,057
89	86	11 228	1 927,079	6 294,220	3,266	2,805
90	87	8 557	1 439,834	4 367,141	3,033	2,571
91	88	6 304	1 039,839	2 927,307	2,815	2,354
92	89	4 472	723,254	1 887,468	2,610	2,148
93	90	3 015	478,124	1 164,214	2,435	1,973
94	91	1 945	302,345	686,090	2,269	1,808
95	92	1 182	180,107	383,745	2,131	1,669
96	93	682	101,844	203,638	2,000	1,538
97	94	365	53,520	101,795	1,902	1,440
98	95	187	26,798	48,275	1,801	1,340
99	96	89	12,547	21,477	1,712	1,250
100	97	39	5,415	8,930	1,649	1,188

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4	0	99 590	92 005,608	3 507 967,003	38,128	37,666
5	1	99 280	89 920,909	3 415 961,395	37,989	37,527
6	2	99 245	88 127,042	3 326 040,486	37,741	37,280
7	3	99 224	86 380,475	3 237 913,444	37,484	37,023
8	4	99 205	84 670,712	3 151 532,969	37,221	36,759
9	5	99 187	82 995,461	3 066 862,256	36,952	36,491
10	6	99 170	81 354,341	2 983 866,795	36,677	36,216
11	7	99 154	79 745,783	2 902 512,454	36,397	35,935
12	8	99 142	78 172,458	2 822 766,670	36,109	35,648
13	9	99 128	76 629,048	2 744 594,212	35,817	35,355
14	10	99 112	75 114,719	2 667 965,164	35,519	35,057
15	11	99 093	73 627,584	2 592 850,444	35,216	34,754
16	12	99 070	72 166,785	2 519 222,860	34,908	34,447
17	13	99 037	70 728,687	2 447 056,075	34,598	34,136
18	14	99 001	69 316,267	2 376 327,388	34,282	33,821
19	15	98 954	67 924,821	2 307 011,121	33,964	33,503
20	16	98 902	66 558,381	2 239 086,300	33,641	33,179
21	17	98 845	65 215,532	2 172 527,918	33,313	32,851
22	18	98 791	63 902,183	2 107 312,386	32,977	32,516
23	19	98 727	62 608,440	2 043 410,203	32,638	32,176
24	20	98 670	61 344,961	1 980 801,763	32,290	31,828
25	21	98 604	60 102,446	1 919 456,802	31,936	31,475
26	22	98 545	58 888,451	1 859 354,356	31,574	31,113
27	23	98 484	57 697,888	1 800 465,906	31,205	30,743
28	24	98 421	56 530,257	1 742 768,018	30,829	30,367
29	25	98 355	55 384,982	1 686 237,760	30,446	29,984
30	26	98 285	54 260,353	1 630 852,778	30,056	29,594
31	27	98 211	53 156,555	1 576 592,425	29,659	29,198
32	28	98 130	52 070,966	1 523 435,870	29,257	28,795
33	29	98 045	51 005,579	1 471 364,904	28,847	28,386
34	30	97 947	49 955,951	1 420 359,325	28,432	27,971
35	31	97 841	48 923,214	1 370 403,373	28,011	27,550
36	32	97 732	47 910,407	1 321 480,159	27,582	27,121
37	33	97 614	46 914,538	1 273 569,752	27,147	26,685
38	34	97 484	45 933,021	1 226 655,214	26,705	26,244
39	35	97 340	44 966,030	1 180 722,194	26,258	25,796
40	36	97 191	44 017,086	1 135 756,164	25,803	25,341
41	37	97 027	43 080,831	1 091 739,078	25,342	24,880
42	38	96 851	42 159,753	1 048 658,247	24,873	24,412
43	39	96 653	41 248,642	1 006 498,494	24,401	23,939
44	40	96 447	40 353,305	965 249,852	23,920	23,458
45	41	96 207	39 463,853	924 896,547	23,437	22,975
46	42	95 948	38 585,685	885 432,694	22,947	22,486
47	43	95 663	37 716,705	846 847,009	22,453	21,991
48	44	95 349	36 856,105	809 130,304	21,954	21,492
49	45	95 004	36 002,507	772 274,198	21,451	20,989
50	46	94 612	35 151,151	736 271,692	20,946	20,484
51	47	94 183	34 305,536	701 120,541	20,438	19,976
52	48	93 706	33 462,453	666 815,005	19,927	19,466
53	49	93 169	32 618,406	633 352,552	19,417	18,955
54	50	92 569	31 772,974	600 734,146	18,907	18,445
55	51	91 907	30 926,953	568 961,172	18,397	17,935
56	52	91 167	30 076,686	538 034,219	17,889	17,427
57	53	90 356	29 224,366	507 957,534	17,381	16,920
58	54	89 463	28 368,231	478 733,167	16,876	16,414
59	55	88 477	27 505,459	450 364,936	16,374	15,912
60	56	87 401	26 638,401	422 859,477	15,874	15,412
61	57	86 233	25 766,828	396 221,076	15,377	14,916
62	58	84 965	24 890,173	370 454,248	14,884	14,422
63	59	83 585	24 005,871	345 564,075	14,395	13,933
64	60	82 112	23 120,397	321 558,204	13,908	13,446
65	61	80 515	22 226,109	298 437,807	13,427	12,966
66	62	78 822	21 332,286	276 211,698	12,948	12,486
67	63	77 038	20 440,542	254 879,412	12,469	12,008
68	64	75 141	19 546,296	234 438,869	11,994	11,532
69	65	73 149	18 655,033	214 892,574	11,519	11,058
70	66	71 035	17 760,659	196 237,540	11,049	10,587
71	67	68 842	16 874,899	178 476,882	10,576	10,115
72	68	66 509	15 983,375	161 601,983	10,111	9,649
73	69	64 090	15 099,971	145 618,608	9,644	9,182
74	70	61 528	14 212,201	130 518,637	9,184	8,722
75	71	58 864	13 330,316	116 306,436	8,725	8,263
76	72	56 106	12 456,489	102 976,120	8,267	7,805
77	73	53 220	11 584,098	90 519,631	7,814	7,353
78	74	50 216	10 715,929	78 935,533	7,366	6,905
79	75	47 078	9 849,185	68 219,604	6,926	6,465
80	76	43 842	8 992,419	58 370,419	6,491	6,029
81	77	40 476	8 139,267	49 378,000	6,067	5,605
82	78	36 963	7 287,099	41 238,733	5,659	5,198
83	79	33 337	6 443,302	33 951,634	5,269	4,808
84	80	29 659	5 620,079	27 508,332	4,895	4,433
85	81	25 949	4 820,590	21 888,253	4,541	4,079
86	82	22 241	4 050,774	17 067,663	4,213	3,752
87	83	18 654	3 330,870	13 016,888	3,908	3,446
88	84	15 272	2 673,435	9 686,018	3,623	3,161
89	85	12 154	2 085,865	7 012,583	3,362	2,900
90	86	9 374	1 577,347	4 926,718	3,123	2,662
91	87	7 003	1 155,307	3 349,371	2,899	2,438
92	88	5 049	816,500	2 194,064	2,687	2,226
93	89	3 464	549,264	1 377,564	2,508	2,046
94	90	2 281	354,647	828,301	2,336	1,874
95	91	1 420	216,380	473,654	2,189	1,727
96	92	839	125,346	257,274	2,053	1,591
97	93	462	67,659	131,928	1,950	1,488
98	94	242	34,810	64,270	1,846	1,385
99	95	119	16,792	29,460	1,754	1,293
100	96	55	7,580	12,668	1,671	1,210

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5	0	99 579	90 191,967	3 422 483,839	37,947	37,485
6	1	99 270	88 148,898	3 332 291,872	37,803	37,341
7	2	99 236	86 391,207	3 244 142,974	37,552	37,090
8	3	99 215	84 679,445	3 157 751,767	37,291	36,829
9	4	99 197	83 003,404	3 073 072,322	37,023	36,562
10	5	99 179	81 361,589	2 990 068,918	36,750	36,289
11	6	99 163	79 752,838	2 908 707,329	36,472	36,010
12	7	99 146	78 176,090	2 828 954,491	36,187	35,725
13	8	99 135	76 634,389	2 750 778,401	35,895	35,433
14	9	99 118	75 119,315	2 674 144,012	35,599	35,137
15	10	99 099	73 631,891	2 599 024,698	35,298	34,836
16	11	99 077	72 172,366	2 525 392,807	34,991	34,530
17	12	99 045	70 734,241	2 453 220,440	34,682	34,221
18	13	99 010	69 322,798	2 382 486,199	34,368	33,906
19	14	98 963	67 931,085	2 313 163,401	34,052	33,590
20	15	98 914	66 566,480	2 245 232,316	33,729	33,268
21	16	98 860	65 225,136	2 178 665,836	33,402	32,941
22	17	98 805	63 910,885	2 113 440,700	33,069	32,607
23	18	98 747	62 620,777	2 049 529,814	32,729	32,268
24	19	98 687	61 355,686	1 986 909,037	32,383	31,922
25	20	98 623	60 113,560	1 925 553,351	32,032	31,570
26	21	98 561	58 898,163	1 865 439,792	31,672	31,211
27	22	98 500	57 707,283	1 806 541,629	31,305	30,844
28	23	98 438	56 540,433	1 748 834,346	30,931	30,469
29	24	98 373	55 394,949	1 692 293,913	30,550	30,088
30	25	98 304	54 270,677	1 636 898,963	30,162	29,700
31	26	98 230	53 166,561	1 582 628,287	29,767	29,306
32	27	98 151	52 082,174	1 529 461,726	29,366	28,905
33	28	98 068	51 017,601	1 477 379,552	28,958	28,497
34	29	97 973	49 968,882	1 426 361,951	28,545	28,083
35	30	97 872	48 938,734	1 376 393,069	28,125	27,663
36	31	97 763	47 925,456	1 327 454,336	27,698	27,237
37	32	97 648	46 930,618	1 279 528,880	27,264	26,803
38	33	97 519	45 949,578	1 232 598,262	26,825	26,363
39	34	97 380	44 984,293	1 186 648,684	26,379	25,918
40	35	97 232	44 035,234	1 141 664,391	25,926	25,465
41	36	97 071	43 100,592	1 097 629,157	25,467	25,005
42	37	96 897	42 179,774	1 054 528,565	25,001	24,539
43	38	96 712	41 273,540	1 012 348,790	24,528	24,066
44	39	96 505	40 377,578	971 075,250	24,050	23,588
45	40	96 273	39 490,932	930 697,672	23,567	23,106
46	41	96 019	38 614,269	891 206,741	23,080	22,618
47	42	95 739	37 746,667	852 592,471	22,587	22,126
48	43	95 436	36 889,604	814 845,804	22,089	21,627
49	44	95 096	36 037,484	777 956,200	21,587	21,126
50	45	94 722	35 191,700	741 918,716	21,082	20,621
51	46	94 298	34 347,354	706 727,016	20,576	20,114
52	47	93 834	33 508,370	672 379,662	20,066	19,604
53	48	93 318	32 670,485	638 871,293	19,555	19,093
54	49	92 731	31 828,613	606 200,808	19,046	18,584
55	50	92 077	30 984,373	574 372,195	18,537	18,076
56	51	91 363	30 141,269	543 387,823	18,028	17,566
57	52	90 567	29 292,705	513 246,553	17,521	17,060
58	53	89 693	28 441,259	483 953,848	17,016	16,554
59	54	88 733	27 585,144	455 512,589	16,513	16,051
60	55	87 686	26 725,136	427 927,445	16,012	15,551
61	56	86 542	25 859,326	401 202,309	15,515	15,053
62	57	85 299	24 988,230	375 342,983	15,021	14,559
63	58	83 950	24 110,738	350 354,753	14,531	14,069
64	59	82 500	23 229,725	326 244,015	14,044	13,583
65	60	80 942	22 343,995	303 014,290	13,561	13,100
66	61	79 273	21 454,272	280 670,295	13,082	12,621
67	62	77 513	20 566,708	259 216,022	12,604	12,142
68	63	75 651	19 679,108	238 649,315	12,127	11,665
69	64	73 700	18 795,486	218 970,207	11,650	11,189
70	65	71 606	17 903,356	200 174,721	11,181	10,719
71	66	69 451	17 024,065	182 271,365	10,707	10,245
72	67	67 146	16 136,384	165 247,299	10,241	9,779
73	68	64 768	15 259,674	149 110,916	9,772	9,310
74	69	62 247	14 378,337	133 851,242	9,309	8,848
75	70	59 616	13 500,404	119 472,904	8,850	8,388
76	71	56 885	12 629,536	105 972,500	8,391	7,929
77	72	54 020	11 758,281	93 342,964	7,938	7,477
78	73	51 054	10 894,779	81 584,683	7,488	7,027
79	74	47 933	10 028,119	70 689,904	7,049	6,588
80	75	44 702	9 168,746	60 661,785	6,616	6,155
81	76	41 368	8 318,667	51 493,039	6,190	5,728
82	77	37 864	7 464,733	43 174,372	5,784	5,322
83	78	34 278	6 625,149	35 709,638	5,390	4,928
84	79	30 621	5 802,357	29 084,489	5,013	4,551
85	80	26 931	5 003,007	23 282,132	4,654	4,192
86	81	23 232	4 231,342	18 279,125	4,320	3,858
87	82	19 623	3 503,888	14 047,783	4,009	3,548
88	83	16 190	2 834,165	10 543,895	3,720	3,259
89	84	13 001	2 231,261	7 709,730	3,455	2,994
90	85	10 147	1 707,316	5 478,469	3,209	2,747
91	86	7 672	1 265,646	3 771,153	2,980	2,518
92	87	5 609	907,167	2 505,507	2,762	2,300
93	88	3 911	620,078	1 598,340	2,578	2,116
94	89	2 621	407,414	978,262	2,401	1,940
95	90	1 665	253,811	570,848	2,249	1,788
96	91	1 008	150,590	317,038	2,105	1,644
97	92	568	83,272	166,447	1,999	1,537
98	93	306	44,006	83,175	1,890	1,428
99	94	155	21,812	39,169	1,796	1,334
100	95	73	10,144	17,357	1,711	1,249

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	88 414,614	3 338 308,959	37,757	37,296
7	1	99 261	86 412,632	3 249 894,345	37,609	37,147
8	2	99 228	84 689,966	3 163 481,713	37,354	36,892
9	3	99 207	83 011,964	3 078 791,747	37,089	36,627
10	4	99 189	81 369,375	2 995 779,782	36,817	36,355
11	5	99 171	79 759,943	2 914 410,407	36,540	36,078
12	6	99 155	78 183,006	2 834 650,464	36,257	35,795
13	7	99 139	76 637,949	2 756 467,458	35,967	35,506
14	8	99 125	75 124,550	2 679 829,509	35,672	35,210
15	9	99 105	73 636,396	2 604 704,960	35,373	34,911
16	10	99 083	72 176,588	2 531 068,564	35,068	34,606
17	11	99 053	70 739,711	2 458 891,976	34,760	34,298
18	12	99 018	69 328,242	2 388 152,264	34,447	33,985
19	13	98 972	67 937,486	2 318 824,022	34,132	33,670
20	14	98 923	66 572,619	2 250 886,537	33,811	33,349
21	15	98 872	65 233,073	2 184 313,918	33,485	33,023
22	16	98 819	63 920,297	2 119 080,845	33,152	32,690
23	17	98 760	62 629,305	2 055 160,548	32,815	32,353
24	18	98 706	61 367,776	1 992 531,243	32,469	32,007
25	19	98 640	60 124,069	1 931 163,467	32,120	31,658
26	20	98 579	58 909,054	1 871 039,398	31,761	31,300
27	21	98 516	57 716,801	1 812 130,344	31,397	30,935
28	22	98 454	56 549,639	1 754 413,543	31,024	30,563
29	23	98 391	55 404,920	1 697 863,904	30,645	30,183
30	24	98 322	54 280,444	1 642 458,983	30,259	29,797
31	25	98 249	53 176,676	1 588 178,540	29,866	29,404
32	26	98 169	52 091,977	1 535 001,863	29,467	29,006
33	27	98 089	51 028,582	1 482 909,886	29,060	28,599
34	28	97 996	49 980,659	1 431 881,305	28,649	28,187
35	29	97 897	48 951,401	1 381 900,645	28,230	27,768
36	30	97 794	47 940,659	1 332 949,244	27,804	27,343
37	31	97 679	46 945,358	1 285 008,585	27,372	26,911
38	32	97 552	45 965,327	1 238 063,227	26,935	26,473
39	33	97 415	45 000,508	1 192 097,900	26,491	26,029
40	34	97 271	44 053,120	1 147 097,392	26,039	25,577
41	35	97 111	43 118,363	1 103 044,272	25,582	25,120
42	36	96 942	42 199,123	1 059 925,909	25,117	24,656
43	37	96 758	41 293,141	1 017 726,787	24,646	24,185
44	38	96 563	40 401,951	976 433,646	24,168	23,706
45	39	96 331	39 514,686	936 031,696	23,688	23,227
46	40	96 085	38 640,765	896 517,010	23,201	22,740
47	41	95 809	37 774,630	857 876,245	22,710	22,249
48	42	95 512	36 918,908	820 101,614	22,214	21,752
49	43	95 183	36 070,238	783 182,706	21,713	21,251
50	44	94 814	35 225,890	747 112,468	21,209	20,748
51	45	94 407	34 386,976	711 886,579	20,702	20,241
52	46	93 949	33 549,216	677 499,603	20,194	19,733
53	47	93 446	32 715,314	643 950,386	19,683	19,222
54	48	92 879	31 879,430	611 235,072	19,173	18,712
55	49	92 238	31 038,631	579 355,642	18,666	18,204
56	50	91 533	30 197,231	548 317,011	18,158	17,696
57	51	90 761	29 355,606	518 119,780	17,650	17,188
58	52	89 903	28 507,766	488 764,175	17,145	16,683
59	53	88 961	27 656,156	460 256,409	16,642	16,180
60	54	87 940	26 802,561	432 600,253	16,140	15,679
61	55	86 824	25 943,524	405 797,692	15,642	15,180
62	56	85 606	25 077,933	379 854,167	15,147	14,685
63	57	84 281	24 205,725	354 776,235	14,657	14,195
64	58	82 861	23 331,202	330 570,510	14,169	13,707
65	59	81 324	22 449,651	307 239,308	13,686	13,224
66	60	79 693	21 568,065	284 789,657	13,204	12,743
67	61	77 957	20 684,316	263 221,592	12,726	12,264
68	62	76 118	19 800,573	242 537,276	12,249	11,787
69	63	74 200	18 923,196	222 736,703	11,771	11,309
70	64	72 145	18 038,149	203 813,506	11,299	10,837
71	65	70 009	17 160,845	185 775,357	10,826	10,364
72	66	67 739	16 279,022	168 614,512	10,358	9,896
73	67	65 388	15 405,755	152 335,490	9,888	9,427
74	68	62 906	14 530,408	136 929,735	9,424	8,962
75	69	60 312	13 658,220	122 399,327	8,962	8,500
76	70	57 611	12 790,684	108 741,107	8,502	8,040
77	71	54 771	11 921,628	95 950,424	8,048	7,587
78	72	51 822	11 058,597	84 028,796	7,599	7,137
79	73	48 733	10 195,490	72 970,199	7,157	6,695
80	74	45 514	9 335,318	62 774,710	6,724	6,263
81	75	42 179	8 481,784	53 439,392	6,300	5,839
82	76	38 699	7 629,266	44 957,608	5,893	5,431
83	77	35 113	6 786,648	37 328,343	5,500	5,039
84	78	31 485	5 966,115	30 541,695	5,119	4,658
85	79	27 804	5 165,271	24 575,580	4,758	4,296
86	80	24 111	4 391,461	19 410,309	4,420	3,958
87	81	20 498	3 660,078	15 018,847	4,103	3,642
88	82	17 031	2 981,383	11 358,769	3,810	3,348
89	83	13 782	2 365,406	8 377,387	3,542	3,080
90	84	10 854	1 826,325	6 011,980	3,292	2,830
91	85	8 305	1 369,932	4 185,655	3,055	2,594
92	86	6 145	993,807	2 815,724	2,833	2,372
93	87	4 345	688,933	1 821,916	2,645	2,183
94	88	2 959	459,940	1 132,983	2,463	2,002
95	89	1 913	291,575	673,043	2,308	1,847
96	90	1 182	176,641	381,468	2,160	1,698
97	91	683	100,043	204,828	2,047	1,586
98	92	377	54,161	104,785	1,935	1,473
99	93	196	27,575	50,624	1,836	1,374
100	94	95	13,177	23,049	1,749	1,288

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 560	86 673,114	3 255 440,895	37,560	37,098
8	1	99 252	84 710,969	3 168 767,780	37,407	36,945
9	2	99 219	83 022,278	3 084 056,811	37,147	36,686
10	3	99 199	81 377,767	3 001 034,533	36,878	36,416
11	4	99 181	79 767,576	2 919 656,766	36,602	36,140
12	5	99 164	78 189,971	2 839 889,190	36,320	35,859
13	6	99 148	76 644,729	2 761 699,219	36,032	35,571
14	7	99 130	75 128,040	2 685 054,490	35,740	35,278
15	8	99 112	73 641,527	2 609 926,450	35,441	34,979
16	9	99 089	72 181,004	2 536 284,923	35,138	34,676
17	10	99 058	70 743,849	2 464 103,919	34,831	34,370
18	11	99 025	69 333,604	2 393 360,070	34,519	34,058
19	12	98 980	67 942,821	2 324 026,466	34,206	33,744
20	13	98 933	66 578,891	2 256 083,645	33,886	33,424
21	14	98 881	65 239,088	2 189 504,754	33,561	33,100
22	15	98 832	63 928,075	2 124 265,666	33,229	32,767
23	16	98 775	62 638,528	2 060 337,591	32,892	32,431
24	17	98 720	61 376,133	1 997 699,062	32,548	32,087
25	18	98 659	60 135,917	1 936 322,929	32,199	31,737
26	19	98 597	58 919,352	1 876 187,012	31,843	31,382
27	20	98 534	57 727,473	1 817 267,660	31,480	31,019
28	21	98 471	56 558,966	1 759 540,187	31,110	30,648
29	22	98 407	55 413,942	1 702 981,221	30,732	30,270
30	23	98 339	54 290,214	1 647 567,278	30,347	29,886
31	24	98 266	53 186,246	1 593 277,064	29,957	29,495
32	25	98 188	52 101,888	1 540 090,818	29,559	29,098
33	26	98 107	51 038,187	1 487 988,930	29,154	28,693
34	27	98 017	49 991,417	1 436 950,743	28,744	28,282
35	28	97 920	48 962,939	1 386 959,326	28,327	27,865
36	29	97 819	47 953,068	1 337 996,388	27,902	27,441
37	30	97 709	46 960,251	1 290 043,320	27,471	27,009
38	31	97 583	45 979,765	1 243 083,069	27,035	26,574
39	32	97 448	45 015,932	1 197 103,304	26,593	26,131
40	33	97 306	44 068,999	1 152 087,372	26,143	25,681
41	34	97 151	43 135,876	1 108 018,373	25,687	25,225
42	35	96 982	42 216,521	1 064 882,497	25,224	24,763
43	36	96 802	41 312,082	1 022 665,976	24,755	24,293
44	37	96 609	40 421,137	981 353,894	24,278	23,817
45	38	96 389	39 538,537	940 932,757	23,798	23,336
46	39	96 142	38 664,008	901 394,220	23,314	22,852
47	40	95 875	37 800,550	862 730,212	22,823	22,362
48	41	95 583	36 946,258	824 929,662	22,328	21,866
49	42	95 258	36 098,892	787 983,404	21,828	21,367
50	43	94 900	35 257,906	751 884,512	21,325	20,864
51	44	94 498	34 420,384	716 626,606	20,820	20,358
52	45	94 057	33 587,918	682 206,222	20,311	19,849
53	46	93 560	32 755,194	648 618,305	19,802	19,340
54	47	93 007	31 923,174	615 863,110	19,292	18,830
55	48	92 386	31 088,187	583 939,936	18,783	18,322
56	49	91 693	30 250,110	552 851,749	18,276	17,814
57	50	90 930	29 410,108	522 601,639	17,769	17,308
58	51	90 096	28 568,981	493 191,531	17,263	16,802
59	52	89 169	27 720,828	464 622,550	16,761	16,299
60	53	88 166	26 871,558	436 901,722	16,259	15,797
61	54	87 075	26 018,684	410 030,164	15,759	15,297
62	55	85 884	25 159,587	384 011,479	15,263	14,801
63	56	84 583	24 292,619	358 851,893	14,772	14,310
64	57	83 187	23 423,117	334 559,274	14,283	13,822
65	58	81 680	22 547,721	311 136,157	13,799	13,337
66	59	80 070	21 670,052	288 588,436	13,317	12,856
67	60	78 370	20 794,025	266 918,385	12,836	12,375
68	61	76 554	19 913,801	246 124,360	12,359	11,898
69	62	74 658	19 039,996	226 210,559	11,881	11,419
70	63	72 635	18 160,714	207 170,563	11,408	10,946
71	64	70 536	17 290,048	189 009,849	10,932	10,470
72	65	68 284	16 409,816	171 719,801	10,464	10,003
73	66	65 966	15 541,935	155 309,985	9,993	9,531
74	67	63 508	14 669,507	139 768,050	9,528	9,066
75	68	60 950	13 802,674	125 098,543	9,063	8,602
76	69	58 285	12 940,202	111 295,869	8,601	8,139
77	70	55 470	12 073,743	98 355,667	8,146	7,685
78	71	52 542	11 212,224	86 281,924	7,695	7,234
79	72	49 466	10 348,792	75 069,700	7,254	6,792
80	73	46 273	9 491,126	64 720,908	6,819	6,357
81	74	42 946	8 635,875	55 229,782	6,395	5,934
82	75	39 458	7 778,864	46 593,907	5,990	5,528
83	76	35 887	6 936,234	38 815,043	5,596	5,134
84	77	32 253	6 111,549	31 878,809	5,216	4,755
85	78	28 589	5 311,049	25 767,261	4,852	4,390
86	79	24 893	4 533,891	20 456,212	4,512	4,050
87	80	21 273	3 798,580	15 922,320	4,192	3,730
88	81	17 790	3 114,281	12 123,741	3,893	3,431
89	82	14 498	2 488,275	9 009,459	3,621	3,159
90	83	11 507	1 936,126	6 521,185	3,368	2,907
91	84	8 883	1 465,423	4 585,059	3,129	2,667
92	85	6 651	1 075,694	3 119,636	2,900	2,439
93	86	4 760	754,731	2 043,942	2,708	2,247
94	87	3 287	511,014	1 289,211	2,523	2,061
95	88	2 160	329,166	778,198	2,364	1,903
96	89	1 358	202,923	449,031	2,213	1,751
97	90	801	117,349	246,109	2,097	1,636
98	91	453	65,069	128,759	1,979	1,517
99	92	241	33,938	63,691	1,877	1,415
100	93	121	16,658	29,753	1,786	1,324

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 552	84 966,322	3 173 877,780	37,355	36,893
9	1	99 244	83 042,868	3 088 911,458	37,197	36,735
10	2	99 211	81 387,878	3 005 868,590	36,933	36,471
11	3	99 191	79 775,803	2 924 480,712	36,659	36,197
12	4	99 173	78 197,453	2 844 704,909	36,378	35,917
13	5	99 157	76 651,557	2 766 507,456	36,092	35,630
14	6	99 139	75 134,686	2 689 855,899	35,800	35,339
15	7	99 116	73 644,949	2 614 721,213	35,504	35,043
16	8	99 096	72 186,034	2 541 076,264	35,202	34,740
17	9	99 065	70 748,177	2 468 890,230	34,897	34,435
18	10	99 031	69 337,659	2 398 142,053	34,586	34,125
19	11	98 988	67 948,075	2 328 804,393	34,273	33,812
20	12	98 940	66 584,120	2 260 856,318	33,955	33,493
21	13	98 890	65 245,235	2 194 272,199	33,631	33,170
22	14	98 841	63 933,970	2 129 026,963	33,300	32,839
23	15	98 787	62 646,150	2 065 092,993	32,964	32,503
24	16	98 734	61 385,172	2 002 446,842	32,621	32,159
25	17	98 673	60 144,106	1 941 061,670	32,274	31,812
26	18	98 616	58 930,963	1 880 917,564	31,917	31,456
27	19	98 551	57 737,565	1 821 986,602	31,556	31,095
28	20	98 489	56 569,424	1 764 249,036	31,187	30,726
29	21	98 423	55 423,081	1 707 679,612	30,812	30,350
30	22	98 355	54 299,054	1 652 256,531	30,429	29,967
31	23	98 284	53 195,820	1 597 957,476	30,039	29,578
32	24	98 206	52 111,265	1 544 761,657	29,644	29,182
33	25	98 126	51 047,897	1 492 650,392	29,240	28,779
34	26	98 035	50 000,827	1 441 602,494	28,832	28,370
35	27	97 942	48 973,477	1 391 601,667	28,415	27,954
36	28	97 842	47 964,370	1 342 628,191	27,992	27,531
37	29	97 735	46 972,406	1 294 663,820	27,562	27,101
38	30	97 614	45 994,351	1 247 691,414	27,127	26,665
39	31	97 479	45 030,072	1 201 697,064	26,687	26,225
40	32	97 339	44 084,104	1 156 666,992	26,238	25,776
41	33	97 186	43 151,424	1 112 582,888	25,783	25,322
42	34	97 021	42 233,668	1 069 431,464	25,322	24,860
43	35	96 842	41 329,115	1 027 197,796	24,854	24,392
44	36	96 653	40 439,679	985 868,681	24,379	23,917
45	37	96 435	39 557,314	945 429,002	23,900	23,439
46	38	96 200	38 687,346	905 871,689	23,415	22,954
47	39	95 933	37 823,287	867 184,343	22,927	22,466
48	40	95 648	36 971,609	829 361,055	22,432	21,971
49	41	95 329	36 125,634	792 389,446	21,934	21,473
50	42	94 975	35 285,915	756 263,812	21,432	20,971
51	43	94 584	34 451,668	720 977,897	20,927	20,466
52	44	94 149	33 620,549	686 526,229	20,420	19,958
53	45	93 668	32 792,980	652 905,680	19,910	19,448
54	46	93 120	31 962,089	620 112,701	19,402	18,940
55	47	92 512	31 130,845	588 150,612	18,893	18,431
56	48	91 839	30 298,407	557 019,767	18,384	17,923
57	49	91 089	29 461,609	526 721,359	17,878	17,417
58	50	90 263	28 622,023	497 259,750	17,373	16,912
59	51	89 361	27 780,353	468 637,726	16,869	16,408
60	52	88 373	26 934,395	440 857,374	16,368	15,906
61	53	87 300	26 085,664	413 922,979	15,868	15,406
62	54	86 133	25 232,476	387 837,315	15,371	14,909
63	55	84 859	24 371,716	362 604,839	14,878	14,416
64	56	83 486	23 507,201	338 233,123	14,388	13,927
65	57	82 001	22 636,549	314 725,922	13,903	13,442
66	58	80 420	21 764,715	292 089,373	13,420	12,959
67	59	78 741	20 892,352	270 324,657	12,939	12,477
68	60	76 960	20 019,423	249 432,306	12,460	11,998
69	61	75 085	19 148,874	229 412,883	11,980	11,519
70	62	73 083	18 272,808	210 264,009	11,507	11,045
71	63	71 015	17 407,529	191 991,201	11,029	10,568
72	64	68 798	16 533,364	174 583,672	10,559	10,098
73	65	66 496	15 666,806	158 050,307	10,088	9,627
74	66	64 069	14 799,179	142 383,501	9,621	9,159
75	67	61 534	13 934,807	127 584,322	9,156	8,694
76	68	58 901	13 077,063	113 649,515	8,691	8,229
77	69	56 118	12 214,881	100 572,452	8,234	7,772
78	70	53 212	11 355,287	88 357,572	7,781	7,320
79	71	50 153	10 492,559	77 002,285	7,339	6,877
80	72	46 969	9 633,837	66 509,726	6,904	6,442
81	73	43 663	8 780,009	56 875,888	6,478	6,016
82	74	40 174	7 920,185	48 095,879	6,073	5,611
83	75	36 591	7 072,243	40 175,694	5,681	5,219
84	76	32 964	6 246,255	33 103,451	5,300	4,838
85	77	29 286	5 440,514	26 857,196	4,937	4,475
86	78	25 596	4 661,850	21 416,682	4,594	4,132
87	79	21 963	3 921,781	16 754,832	4,272	3,811
88	80	18 463	3 232,129	12 833,052	3,970	3,509
89	81	15 144	2 599,192	9 600,923	3,694	3,232
90	82	12 104	2 036,696	7 001,730	3,438	2,976
91	83	9 417	1 553,526	4 965,035	3,196	2,734
92	84	7 115	1 150,675	3 411,509	2,965	2,503
93	85	5 152	816,919	2 260,833	2,768	2,306
94	86	3 601	559,819	1 443,915	2,579	2,118
95	87	2 400	365,718	884,096	2,417	1,956
96	88	1 533	229,085	518,378	2,263	1,801
97	89	920	134,809	289,294	2,146	1,684
98	90	531	76,325	154,484	2,024	1,562
99	91	290	40,773	78,159	1,917	1,455
100	92	149	20,502	37,386	1,824	1,362

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9	0	99 543	83 293,192	3 093 617,683	37,141	36,680
10	1	99 236	81 408,062	3 010 324,491	36,978	36,517
11	2	99 204	79 785,715	2 928 916,429	36,710	36,248
12	3	99 184	78 205,518	2 849 130,714	36,431	35,970
13	4	99 166	76 658,892	2 770 925,196	36,146	35,685
14	5	99 147	75 141,380	2 694 266,304	35,856	35,394
15	6	99 125	73 651,464	2 619 124,924	35,561	35,099
16	7	99 101	72 189,388	2 545 473,460	35,261	34,799
17	8	99 071	70 753,108	2 473 284,072	34,957	34,495
18	9	99 037	69 341,901	2 402 530,965	34,648	34,186
19	10	98 993	67 952,050	2 333 189,064	34,336	33,874
20	11	98 948	66 589,269	2 265 237,014	34,018	33,556
21	12	98 898	65 250,359	2 198 647,745	33,696	33,234
22	13	98 850	63 939,994	2 133 397,386	33,366	32,904
23	14	98 796	62 651,927	2 069 457,391	33,031	32,569
24	15	98 746	61 392,641	2 006 805,464	32,688	32,226
25	16	98 687	60 152,963	1 945 412,823	32,341	31,879
26	17	98 630	58 938,988	1 885 259,859	31,987	31,525
27	18	98 571	57 748,943	1 826 320,871	31,625	31,164
28	19	98 506	56 579,314	1 768 571,928	31,258	30,797
29	20	98 441	55 433,330	1 711 992,615	30,884	30,422
30	21	98 371	54 308,010	1 656 559,285	30,503	30,041
31	22	98 300	53 204,482	1 602 251,275	30,115	29,653
32	23	98 223	52 120,645	1 549 046,793	29,720	29,259
33	24	98 144	51 057,085	1 496 926,148	29,319	28,857
34	25	98 054	50 010,340	1 445 869,064	28,911	28,450
35	26	97 960	48 982,695	1 395 858,724	28,497	28,035
36	27	97 863	47 974,694	1 346 876,029	28,075	27,613
37	28	97 758	46 983,477	1 298 901,335	27,646	27,184
38	29	97 639	46 006,256	1 251 917,858	27,212	26,750
39	30	97 510	45 044,356	1 205 911,602	26,772	26,310
40	31	97 370	44 097,950	1 160 867,246	26,325	25,863
41	32	97 219	43 166,215	1 116 769,295	25,871	25,410
42	33	97 056	42 248,891	1 073 603,081	25,411	24,950
43	34	96 881	41 345,901	1 031 354,189	24,945	24,483
44	35	96 693	40 456,352	990 008,288	24,471	24,009
45	36	96 479	39 575,459	949 551,936	23,993	23,532
46	37	96 246	38 705,718	909 976,477	23,510	23,049
47	38	95 991	37 846,118	871 270,759	23,021	22,560
48	39	95 706	36 993,848	833 424,641	22,529	22,067
49	40	95 394	36 150,423	796 430,793	22,031	21,569
50	41	95 046	35 312,055	760 280,370	21,530	21,069
51	42	94 659	34 479,036	724 968,316	21,026	20,565
52	43	94 234	33 651,106	690 489,280	20,519	20,057
53	44	93 759	32 824,839	656 838,173	20,010	19,549
54	45	93 228	31 998,959	624 013,335	19,501	19,039
55	46	92 625	31 168,794	592 014,376	18,994	18,532
56	47	91 966	30 339,982	560 845,582	18,485	18,024
57	48	91 235	29 508,648	530 505,599	17,978	17,516
58	49	90 421	28 672,144	500 996,952	17,473	17,012
59	50	89 527	27 831,931	472 324,808	16,971	16,509
60	51	88 562	26 992,231	444 492,877	16,467	16,006
61	52	87 504	26 146,663	417 500,646	15,968	15,506
62	53	86 355	25 297,431	391 353,982	15,470	15,008
63	54	85 105	24 442,322	366 056,551	14,976	14,515
64	55	83 757	23 583,741	341 614,229	14,485	14,024
65	56	82 296	22 717,810	318 030,488	13,999	13,538
66	57	80 737	21 850,459	295 312,678	13,515	13,054
67	58	79 085	20 983,618	273 462,218	13,032	12,571
68	59	77 324	20 114,087	252 478,600	12,552	12,091
69	60	75 484	19 250,439	232 364,513	12,071	11,609
70	61	73 501	18 377,299	213 114,074	11,597	11,135
71	62	71 453	17 514,974	194 736,776	11,118	10,657
72	63	69 265	16 645,704	177 221,802	10,647	10,185
73	64	66 996	15 784,761	160 576,097	10,173	9,711
74	65	64 584	14 918,083	144 791,337	9,706	9,244
75	66	62 078	14 057,984	129 873,254	9,238	8,777
76	67	59 465	13 202,249	115 815,269	8,772	8,311
77	68	56 712	12 344,070	102 613,020	8,313	7,851
78	69	53 834	11 488,026	90 268,950	7,858	7,396
79	70	50 793	10 626,439	78 780,924	7,414	6,952
80	71	47 622	9 767,672	68 154,485	6,978	6,516
81	72	44 319	8 912,028	58 386,813	6,551	6,090
82	73	40 845	8 052,374	49 474,784	6,144	5,683
83	74	37 256	7 200,727	41 422,410	5,753	5,291
84	75	33 610	6 368,734	34 221,684	5,373	4,912
85	76	29 931	5 560,430	27 852,949	5,009	4,548
86	77	26 220	4 775,490	22 292,519	4,668	4,207
87	78	22 583	4 032,464	17 517,030	4,344	3,882
88	79	19 062	3 336,958	13 484,566	4,041	3,579
89	80	15 718	2 697,549	10 147,608	3,762	3,300
90	81	12 644	2 127,484	7 450,059	3,502	3,040
91	82	9 907	1 634,222	5 322,575	3,257	2,795
92	83	7 543	1 219,855	3 688,353	3,024	2,562
93	84	5 511	873,862	2 468,498	2,825	2,363
94	85	3 898	605,946	1 594,636	2,632	2,170
95	86	2 629	400,646	988,690	2,468	2,006
96	87	1 704	254,523	588,043	2,310	1,849
97	88	1 039	152,190	333,520	2,191	1,730
98	89	611	87,681	181,330	2,068	1,606
99	90	340	47,826	93,649	1,958	1,497
100	91	178	24,632	45,823	1,860	1,399

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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10	0	99 535	81 653,459	3 014 658,177	36,920	36,459
11	1	99 228	79 805,502	2 933 004,718	36,752	36,290
12	2	99 196	78 215,235	2 853 199,216	36,479	36,017
13	3	99 177	76 666,799	2 774 983,982	36,195	35,734
14	4	99 157	75 148,570	2 698 317,183	35,906	35,445
15	5	99 134	73 658,025	2 623 168,612	35,613	35,151
16	6	99 109	72 195,774	2 549 510,587	35,314	34,852
17	7	99 076	70 756,395	2 477 314,813	35,012	34,550
18	8	99 044	69 346,734	2 406 558,418	34,703	34,242
19	9	98 999	67 956,207	2 337 211,685	34,393	33,931
20	10	98 954	66 593,164	2 269 255,478	34,076	33,615
21	11	98 905	65 255,405	2 202 662,314	33,754	33,293
22	12	98 858	63 945,016	2 137 406,909	33,426	32,964
23	13	98 805	62 657,831	2 073 461,893	33,092	32,630
24	14	98 755	61 398,303	2 010 804,062	32,750	32,289
25	15	98 699	60 160,283	1 949 405,760	32,404	31,942
26	16	98 644	58 947,668	1 889 245,477	32,050	31,588
27	17	98 584	57 756,807	1 830 297,809	31,690	31,228
28	18	98 525	56 590,463	1 772 541,002	31,322	30,861
29	19	98 458	55 443,021	1 715 950,538	30,950	30,488
30	20	98 390	54 318,052	1 660 507,518	30,570	30,108
31	21	98 316	53 213,256	1 606 189,466	30,184	29,722
32	22	98 239	52 129,132	1 552 976,209	29,791	29,329
33	23	98 161	51 066,275	1 500 847,077	29,390	28,929
34	24	98 072	50 019,340	1 449 780,803	28,984	28,523
35	25	97 979	48 992,015	1 399 761,463	28,571	28,110
36	26	97 881	47 983,724	1 350 769,448	28,151	27,689
37	27	97 779	46 993,589	1 302 785,724	27,723	27,261
38	28	97 662	46 017,099	1 255 792,134	27,290	26,828
39	29	97 535	45 056,016	1 209 775,035	26,850	26,389
40	30	97 401	44 111,940	1 164 719,020	26,404	25,942
41	31	97 250	43 179,773	1 120 607,080	25,952	25,491
42	32	97 089	42 263,372	1 077 427,307	25,493	25,032
43	33	96 916	41 360,805	1 035 163,935	25,028	24,566
44	34	96 732	40 472,784	993 803,130	24,555	24,093
45	35	96 519	39 591,776	953 330,346	24,079	23,617
46	36	96 290	38 723,473	913 738,570	23,597	23,135
47	37	96 036	37 864,091	875 015,097	23,109	22,648
48	38	95 763	37 016,178	837 151,007	22,616	22,154
49	39	95 452	36 172,167	800 134,828	22,120	21,659
50	40	95 111	35 336,285	763 962,661	21,620	21,158
51	41	94 730	34 504,578	728 626,377	21,117	20,655
52	42	94 309	33 677,838	694 121,798	20,611	20,149
53	43	93 844	32 854,673	660 443,960	20,102	19,640
54	44	93 318	32 030,047	627 589,287	19,594	19,132
55	45	92 732	31 204,749	595 559,240	19,086	18,624
56	46	92 078	30 376,967	564 354,491	18,578	18,117
57	47	91 360	29 549,139	533 977,525	18,071	17,609
58	48	90 566	28 717,922	504 428,386	17,565	17,103
59	49	89 684	27 880,668	475 710,464	17,062	16,601
60	50	88 727	27 042,346	447 829,795	16,560	16,099
61	51	87 692	26 202,808	420 787,449	16,059	15,597
62	52	86 557	25 356,587	394 584,641	15,561	15,100
63	53	85 324	24 505,244	369 228,054	15,067	14,606
64	54	84 000	23 652,065	344 722,811	14,575	14,113
65	55	82 564	22 791,780	321 070,746	14,087	13,626
66	56	81 027	21 928,898	298 278,966	13,602	13,140
67	57	79 396	21 066,285	276 350,068	13,118	12,657
68	58	77 661	20 201,953	255 283,783	12,637	12,175
69	59	75 841	19 341,467	235 081,829	12,154	11,693
70	60	73 891	18 474,771	215 740,363	11,678	11,216
71	61	71 862	17 615,132	197 265,592	11,199	10,737
72	62	69 693	16 748,447	179 650,460	10,726	10,265
73	63	67 451	15 892,014	162 902,014	10,251	9,789
74	64	65 070	15 030,400	147 009,999	9,781	9,319
75	65	62 577	14 170,933	131 979,599	9,313	8,852
76	66	59 991	13 318,951	117 808,666	8,845	8,384
77	67	57 254	12 462,239	104 489,715	8,385	7,923
78	68	54 404	11 609,528	92 027,475	7,927	7,465
79	69	51 386	10 750,659	80 417,947	7,480	7,019
80	70	48 229	9 892,303	69 667,289	7,043	6,581
81	71	44 935	9 035,835	59 774,986	6,615	6,154
82	72	41 459	8 173,452	50 739,150	6,208	5,746
83	73	37 877	7 320,908	42 565,698	5,814	5,353
84	74	34 221	6 484,437	35 244,790	5,435	4,974
85	75	30 518	5 669,462	28 760,353	5,073	4,611
86	76	26 798	4 880,747	23 090,891	4,731	4,269
87	77	23 134	4 130,761	18 210,144	4,408	3,947
88	78	19 600	3 431,136	14 079,382	4,103	3,642
89	79	16 227	2 785,039	10 648,246	3,823	3,362
90	80	13 122	2 207,990	7 863,207	3,561	3,100
91	81	10 348	1 707,069	5 655,217	3,313	2,851
92	82	7 934	1 283,219	3 948,147	3,077	2,615
93	83	5 843	926,400	2 664,928	2,877	2,415
94	84	4 170	648,184	1 738,529	2,682	2,221
95	85	2 846	433,658	1 090,345	2,514	2,053
96	86	1 866	278,832	656,686	2,355	1,894
97	87	1 154	169,090	377,855	2,235	1,773
98	88	689	98,985	208,765	2,109	1,647
99	89	390	54,942	109,780	1,998	1,536
100	90	209	28,892	54,838	1,898	1,436

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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11	0	99 527	80 046,067	2 936 995,329	36,691	36,230
12	1	99 220	78 234,632	2 856 949,261	36,518	36,056
13	2	99 189	76 676,324	2 778 714,629	36,240	35,778
14	3	99 167	75 156,321	2 702 038,305	35,952	35,491
15	4	99 143	73 665,074	2 626 881,984	35,660	35,198
16	5	99 118	72 202,206	2 553 216,910	35,362	34,900
17	6	99 085	70 762,654	2 481 014,704	35,061	34,599
18	7	99 049	69 349,955	2 410 252,050	34,755	34,293
19	8	99 006	67 960,943	2 340 902,094	34,445	33,983
20	9	98 960	66 597,238	2 272 941,152	34,130	33,668
21	10	98 911	65 259,222	2 206 343,914	33,809	33,347
22	11	98 865	63 949,961	2 141 084,691	33,481	33,019
23	12	98 813	62 662,751	2 077 134,731	33,148	32,686
24	13	98 765	61 404,088	2 014 471,980	32,807	32,345
25	14	98 708	60 165,831	1 953 067,892	32,461	32,000
26	15	98 656	58 954,841	1 892 902,061	32,108	31,646
27	16	98 599	57 765,313	1 833 947,220	31,748	31,287
28	17	98 539	56 598,170	1 776 181,908	31,382	30,921
29	18	98 478	55 453,946	1 719 583,738	31,009	30,548
30	19	98 407	54 327,548	1 664 129,792	30,631	30,170
31	20	98 334	53 223,096	1 609 802,244	30,246	29,785
32	21	98 256	52 137,729	1 556 579,147	29,855	29,394
33	22	98 177	51 074,590	1 504 441,418	29,456	28,994
34	23	98 089	50 028,344	1 453 366,828	29,051	28,589
35	24	97 996	49 000,832	1 403 338,485	28,639	28,177
36	25	97 900	47 992,854	1 354 337,653	28,220	27,758
37	26	97 797	47 002,435	1 306 344,799	27,793	27,332
38	27	97 683	46 027,003	1 259 342,364	27,361	26,899
39	28	97 558	45 066,635	1 213 315,361	26,923	26,461
40	29	97 426	44 123,357	1 168 248,725	26,477	26,015
41	30	97 280	43 193,471	1 124 125,368	26,025	25,564
42	31	97 120	42 276,647	1 080 931,897	25,568	25,106
43	32	96 949	41 374,981	1 038 655,250	25,103	24,642
44	33	96 767	40 487,372	997 280,269	24,632	24,170
45	34	96 558	39 607,857	956 792,896	24,157	23,695
46	35	96 330	38 739,439	917 185,040	23,676	23,214
47	36	96 080	37 881,459	878 445,601	23,189	22,728
48	37	95 809	37 033,757	840 564,142	22,697	22,236
49	38	95 509	36 194,001	803 530,385	22,201	21,739
50	39	95 168	35 357,540	767 336,384	21,702	21,241
51	40	94 795	34 528,254	731 978,844	21,199	20,738
52	41	94 379	33 702,787	697 450,590	20,694	20,233
53	42	93 918	32 880,772	663 747,803	20,187	19,725
54	43	93 403	32 059,158	630 867,030	19,678	19,217
55	44	92 822	31 235,065	598 807,872	19,171	18,709
56	45	92 184	30 412,009	567 572,807	18,663	18,201
57	46	91 471	29 585,159	537 160,798	18,156	17,695
58	47	90 690	28 757,328	507 575,639	17,650	17,189
59	48	89 827	27 925,182	478 818,311	17,146	16,685
60	49	88 882	27 089,701	450 893,129	16,644	16,183
61	50	87 854	26 251,457	423 803,428	16,144	15,682
62	51	86 743	25 411,035	397 551,971	15,645	15,183
63	52	85 523	24 562,547	372 140,935	15,151	14,689
64	53	84 216	23 712,952	347 578,388	14,658	14,196
65	54	82 803	22 857,809	323 865,436	14,169	13,707
66	55	81 291	22 000,299	301 007,627	13,682	13,220
67	56	79 681	21 141,909	279 007,328	13,197	12,735
68	57	77 967	20 281,541	257 865,419	12,714	12,253
69	58	76 172	19 425,958	237 583,879	12,230	11,769
70	59	74 240	18 562,131	218 157,920	11,753	11,291
71	60	72 243	17 708,561	199 595,789	11,271	10,810
72	61	70 091	16 844,221	181 887,228	10,798	10,337
73	62	67 868	15 990,105	165 043,007	10,322	9,860
74	63	65 513	15 132,528	149 052,903	9,850	9,388
75	64	63 048	14 277,625	133 920,374	9,380	8,918
76	65	60 473	13 425,962	119 642,749	8,911	8,450
77	66	57 761	12 572,400	106 216,787	8,448	7,987
78	67	54 924	11 720,666	93 644,387	7,990	7,528
79	68	51 930	10 864,362	81 923,721	7,541	7,079
80	69	48 793	10 007,941	71 059,360	7,100	6,639
81	70	45 508	9 151,128	61 051,419	6,671	6,210
82	71	42 035	8 286,999	51 900,290	6,263	5,801
83	72	38 447	7 430,987	43 613,291	5,869	5,408
84	73	34 792	6 592,664	36 182,304	5,488	5,027
85	74	31 072	5 772,461	29 589,640	5,126	4,664
86	75	27 323	4 976,451	23 817,180	4,786	4,324
87	76	23 644	4 221,809	18 840,728	4,463	4,001
88	77	20 078	3 514,775	14 618,920	4,159	3,698
89	78	16 685	2 863,641	11 104,144	3,878	3,416
90	79	13 548	2 279,603	8 240,504	3,615	3,153
91	80	10 740	1 771,667	5 960,901	3,365	2,903
92	81	8 288	1 340,420	4 189,234	3,125	2,664
93	82	6 146	974,520	2 848,814	2,923	2,462
94	83	4 420	687,153	1 874,294	2,728	2,266
95	84	3 044	463,887	1 187,140	2,559	2,098
96	85	2 020	301,807	723,253	2,396	1,935
97	86	1 265	185,239	421,447	2,275	1,814
98	87	766	109,977	236,208	2,148	1,686
99	88	441	62,026	126,231	2,035	1,574
100	89	240	33,191	64,206	1,934	1,473

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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11						
12	0	99 520	78 470,463	2 860 624,345	36,455	35,993
13	1	99 214	76 695,340	2 782 153,882	36,275	35,814
14	2	99 179	75 165,659	2 705 458,542	35,993	35,532
15	3	99 154	73 672,672	2 630 292,884	35,702	35,241
16	4	99 128	72 209,115	2 556 620,212	35,406	34,944
17	5	99 094	70 768,959	2 484 411,097	35,106	34,644
18	6	99 058	69 356,090	2 413 642,138	34,801	34,339
19	7	99 011	67 964,100	2 344 286,048	34,493	34,031
20	8	98 967	66 601,879	2 276 321,948	34,178	33,716
21	9	98 917	65 263,215	2 209 720,069	33,859	33,397
22	10	98 871	63 953,702	2 144 456,854	33,531	33,070
23	11	98 820	62 667,597	2 080 503,152	33,199	32,737
24	12	98 772	61 408,910	2 017 835,555	32,859	32,397
25	13	98 718	60 171,500	1 956 426,645	32,514	32,053
26	14	98 665	58 960,277	1 896 255,146	32,162	31,700
27	15	98 611	57 772,342	1 837 294,868	31,802	31,341
28	16	98 553	56 606,505	1 779 522,527	31,437	30,975
29	17	98 491	55 461,498	1 722 916,022	31,065	30,603
30	18	98 426	54 338,253	1 667 454,524	30,687	30,225
31	19	98 352	53 232,401	1 613 116,270	30,303	29,842
32	20	98 274	52 147,370	1 559 883,869	29,913	29,451
33	21	98 193	51 083,013	1 507 736,499	29,515	29,054
34	22	98 105	50 036,490	1 456 653,486	29,112	28,650
35	23	98 014	49 009,652	1 406 616,996	28,701	28,239
36	24	97 918	48 001,491	1 357 607,344	28,283	27,821
37	25	97 816	47 011,378	1 309 605,853	27,857	27,396
38	26	97 701	46 035,667	1 262 594,475	27,426	26,965
39	27	97 579	45 076,335	1 216 558,808	26,989	26,527
40	28	97 449	44 133,757	1 171 482,473	26,544	26,082
41	29	97 306	43 204,651	1 127 348,716	26,093	25,632
42	30	97 151	42 290,058	1 084 144,065	25,636	25,174
43	31	96 980	41 387,977	1 041 854,007	25,173	24,711
44	32	96 800	40 501,249	1 000 466,030	24,702	24,240
45	33	96 593	39 622,134	959 964,780	24,228	23,766
46	34	96 369	38 755,173	920 342,647	23,748	23,286
47	35	96 120	37 897,078	881 587,474	23,263	22,801
48	36	95 853	37 050,744	843 690,396	22,771	22,310
49	37	95 555	36 211,189	806 639,651	22,276	21,814
50	38	95 225	35 378,882	770 428,462	21,777	21,315
51	39	94 852	34 549,023	735 049,580	21,276	20,814
52	40	94 444	33 725,913	700 500,557	20,770	20,309
53	41	93 988	32 905,131	666 774,644	20,264	19,802
54	42	93 477	32 084,626	633 869,513	19,756	19,295
55	43	92 907	31 263,454	601 784,887	19,249	18,787
56	44	92 273	30 441,554	570 521,433	18,742	18,280
57	45	91 577	29 619,288	540 079,878	18,234	17,772
58	46	90 800	28 792,383	510 460,591	17,729	17,267
59	47	89 950	27 963,501	481 668,207	17,225	16,763
60	48	89 024	27 132,952	453 704,707	16,722	16,260
61	49	88 008	26 297,427	426 571,754	16,221	15,759
62	50	86 904	25 458,215	400 274,328	15,723	15,261
63	51	85 707	24 615,290	374 816,113	15,227	14,765
64	52	84 413	23 768,403	350 200,823	14,734	14,272
65	53	83 016	22 916,651	326 432,420	14,244	13,783
66	54	81 526	22 064,035	303 515,768	13,756	13,295
67	55	79 941	21 210,747	281 451,733	13,269	12,808
68	56	78 247	20 354,347	260 240,986	12,786	12,324
69	57	76 472	19 502,489	239 886,638	12,300	11,839
70	58	74 565	18 643,218	220 384,150	11,821	11,360
71	59	72 585	17 792,298	201 740,932	11,339	10,877
72	60	70 463	16 933,562	183 948,634	10,863	10,401
73	61	68 256	16 081,542	167 015,072	10,386	9,924
74	62	65 917	15 225,931	150 933,530	9,913	9,451
75	63	63 476	14 374,638	135 707,599	9,441	8,979
76	64	60 928	13 527,045	121 332,961	8,970	8,508
77	65	58 225	12 673,413	107 805,916	8,506	8,045
78	66	55 410	11 824,271	95 132,503	8,046	7,584
79	67	52 427	10 968,366	83 308,231	7,595	7,134
80	68	49 309	10 113,788	72 339,865	7,153	6,691
81	69	46 040	9 258,102	62 226,077	6,721	6,260
82	70	42 571	8 392,737	52 967,975	6,311	5,850
83	71	38 981	7 534,220	44 575,237	5,916	5,455
84	72	35 315	6 691,793	37 041,018	5,535	5,074
85	73	31 591	5 868,804	30 349,225	5,171	4,710
86	74	27 820	5 066,860	24 480,421	4,831	4,370
87	75	24 107	4 304,592	19 413,561	4,510	4,048
88	76	20 520	3 592,245	15 108,969	4,206	3,744
89	77	17 092	2 933,446	11 516,723	3,926	3,464
90	78	13 930	2 343,939	8 583,277	3,662	3,200
91	79	11 088	1 829,128	6 239,338	3,411	2,949
92	80	8 602	1 391,143	4 410,210	3,170	2,709
93	81	6 420	1 017,961	3 019,066	2,966	2,504
94	82	4 650	722,847	2 001,106	2,768	2,307
95	83	3 227	491,776	1 278,259	2,599	2,138
96	84	2 161	322,844	786,483	2,436	1,974
97	85	1 369	200,502	463,639	2,312	1,851
98	86	839	120,481	263,137	2,184	1,722
99	87	489	68,913	142,656	2,070	1,608
100	88	271	37,471	73,743	1,968	1,506

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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12						
13	0	99 513	76 926,530	2 785 539,015	36,210	35,749
14	1	99 204	75 184,300	2 708 612,484	36,026	35,565
15	2	99 166	73 681,825	2 633 428,184	35,741	35,279
16	3	99 138	72 216,563	2 559 746,360	35,445	34,984
17	4	99 103	70 775,731	2 487 529,797	35,147	34,685
18	5	99 066	69 362,269	2 416 754,066	34,842	34,381
19	6	99 020	67 970,113	2 347 391,797	34,536	34,074
20	7	98 971	66 604,973	2 279 421,684	34,223	33,761
21	8	98 924	65 267,763	2 212 816,711	33,904	33,442
22	9	98 877	63 957,614	2 147 548,948	33,578	33,116
23	10	98 826	62 671,263	2 083 591,334	33,246	32,785
24	11	98 780	61 413,659	2 020 920,071	32,907	32,445
25	12	98 725	60 176,225	1 959 506,412	32,563	32,101
26	13	98 674	58 965,833	1 899 330,187	32,211	31,749
27	14	98 620	57 777,669	1 840 364,354	31,853	31,391
28	15	98 565	56 613,393	1 782 586,685	31,487	31,025
29	16	98 506	55 469,666	1 725 973,292	31,116	30,654
30	17	98 440	54 345,653	1 670 503,627	30,738	30,277
31	18	98 371	53 242,891	1 616 157,973	30,354	29,893
32	19	98 291	52 156,487	1 562 915,083	29,966	29,504
33	20	98 212	51 092,459	1 510 758,596	29,569	29,108
34	21	98 122	50 044,742	1 459 666,137	29,167	28,706
35	22	98 030	49 017,632	1 409 621,394	28,757	28,296
36	23	97 935	48 010,131	1 360 603,762	28,340	27,878
37	24	97 833	47 019,838	1 312 593,631	27,916	27,454
38	25	97 720	46 044,426	1 265 573,793	27,486	27,024
39	26	97 597	45 084,820	1 219 529,367	27,050	26,588
40	27	97 470	44 143,256	1 174 444,547	26,605	26,144
41	28	97 328	43 214,834	1 130 301,291	26,155	25,694
42	29	97 176	42 301,005	1 087 086,457	25,699	25,237
43	30	97 011	41 401,107	1 044 785,452	25,236	24,774
44	31	96 831	40 513,971	1 003 384,346	24,766	24,305
45	32	96 626	39 635,714	962 870,375	24,293	23,831
46	33	96 404	38 769,143	923 234,661	23,814	23,352
47	34	96 159	37 912,470	884 465,518	23,329	22,868
48	35	95 892	37 066,020	846 553,048	22,839	22,377
49	36	95 598	36 227,800	809 487,028	22,344	21,883
50	37	95 271	35 395,683	773 259,228	21,846	21,385
51	38	94 909	34 569,878	737 863,545	21,344	20,883
52	39	94 500	33 746,199	703 293,667	20,841	20,379
53	40	94 053	32 927,709	669 547,468	20,334	19,872
54	41	93 547	32 108,394	636 619,759	19,827	19,366
55	42	92 980	31 288,290	604 511,364	19,321	18,859
56	43	92 357	30 469,222	573 223,074	18,813	18,352
57	44	91 666	29 648,063	542 753,852	18,307	17,845
58	45	90 905	28 825,597	513 105,789	17,800	17,339
59	46	90 060	27 997,588	484 280,191	17,297	16,836
60	47	89 146	27 170,183	456 282,603	16,794	16,332
61	48	88 149	26 339,413	429 112,420	16,292	15,830
62	49	87 056	25 502,795	402 773,006	15,793	15,332
63	50	85 866	24 660,992	377 270,211	15,298	14,837
64	51	84 595	23 819,441	352 609,219	14,803	14,342
65	52	83 210	22 970,240	328 789,778	14,314	13,852
66	53	81 736	22 120,834	305 819,538	13,825	13,363
67	54	80 172	21 272,196	283 698,704	13,337	12,875
68	55	78 502	20 420,621	262 426,508	12,851	12,389
69	56	76 746	19 572,499	242 005,886	12,365	11,903
70	57	74 858	18 716,665	222 433,388	11,884	11,423
71	58	72 902	17 870,022	203 716,723	11,400	10,938
72	59	70 796	17 013,634	185 846,701	10,923	10,462
73	60	68 618	16 166,838	168 833,067	10,443	9,982
74	61	66 294	15 312,999	152 666,229	9,970	9,508
75	62	63 868	14 463,363	137 353,230	9,497	9,035
76	63	61 342	13 618,958	122 889,868	9,023	8,562
77	64	58 663	12 768,830	109 270,909	8,558	8,096
78	65	55 855	11 919,273	96 502,079	8,096	7,635
79	66	52 890	11 065,322	84 582,806	7,644	7,182
80	67	49 781	10 210,608	73 517,484	7,200	6,738
81	68	46 527	9 356,019	63 306,877	6,766	6,305
82	69	43 069	8 490,846	53 950,857	6,354	5,892
83	70	39 478	7 630,353	45 460,012	5,958	5,496
84	71	35 805	6 784,756	37 829,659	5,576	5,114
85	72	32 066	5 957,049	31 044,903	5,211	4,750
86	73	28 284	5 151,427	25 087,853	4,870	4,408
87	74	24 545	4 382,795	19 936,426	4,549	4,087
88	75	20 923	3 662,684	15 553,632	4,247	3,785
89	76	17 469	2 998,103	11 890,948	3,966	3,505
90	77	14 270	2 401,076	8 892,845	3,704	3,242
91	78	11 401	1 880,751	6 491,768	3,452	2,990
92	79	8 881	1 436,263	4 611,017	3,210	2,749
93	80	6 663	1 056,482	3 174,754	3,005	2,543
94	81	4 857	755,068	2 118,273	2,805	2,344
95	82	3 395	517,321	1 363,205	2,635	2,174
96	83	2 291	342,254	845,884	2,472	2,010
97	84	1 464	214,478	503,630	2,348	1,887
98	85	908	130,408	289,152	2,217	1,756
99	86	536	75,495	158,744	2,103	1,641
100	87	302	41,631	83,249	2,000	1,538

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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14	0	99 503	75 410,936	2 711 731,255	35,959	35,498
15	1	99 191	73 700,098	2 636 320,320	35,771	35,309
16	2	99 150	72 225,535	2 562 620,222	35,481	35,019
17	3	99 113	70 783,031	2 490 394,686	35,183	34,722
18	4	99 076	69 368,907	2 419 611,656	34,880	34,419
19	5	99 028	67 976,168	2 350 242,749	34,575	34,113
20	6	98 980	66 610,866	2 282 266,581	34,263	33,801
21	7	98 929	65 270,795	2 215 655,715	33,946	33,484
22	8	98 884	63 962,071	2 150 384,920	33,620	33,158
23	9	98 832	62 675,097	2 086 422,849	33,290	32,828
24	10	98 786	61 417,251	2 023 747,752	32,951	32,489
25	11	98 733	60 180,878	1 962 330,501	32,607	32,146
26	12	98 682	58 970,463	1 902 149,622	32,256	31,794
27	13	98 629	57 783,113	1 843 179,159	31,898	31,437
28	14	98 574	56 618,613	1 785 396,046	31,534	31,072
29	15	98 517	55 476,415	1 728 777,432	31,162	30,701
30	16	98 454	54 353,657	1 673 301,017	30,785	30,324
31	17	98 384	53 250,141	1 618 947,360	30,403	29,941
32	18	98 310	52 166,764	1 565 697,219	30,013	29,552
33	19	98 229	51 101,391	1 513 530,455	29,618	29,157
34	20	98 140	50 053,996	1 462 429,063	29,217	28,755
35	21	98 046	49 025,716	1 412 375,067	28,809	28,347
36	22	97 951	48 017,949	1 363 349,351	28,392	27,931
37	23	97 851	47 028,302	1 315 331,402	27,969	27,507
38	24	97 738	46 052,713	1 268 303,100	27,540	27,079
39	25	97 616	45 093,397	1 222 250,387	27,105	26,643
40	26	97 488	44 151,565	1 177 156,990	26,662	26,200
41	27	97 349	43 224,135	1 133 005,425	26,212	25,751
42	28	97 199	42 310,975	1 089 781,289	25,756	25,295
43	29	97 036	41 411,823	1 047 470,315	25,294	24,832
44	30	96 861	40 526,823	1 006 058,492	24,825	24,363
45	31	96 656	39 648,164	965 531,669	24,352	23,891
46	32	96 437	38 782,431	925 883,505	23,874	23,412
47	33	96 194	37 926,136	887 101,074	23,390	22,929
48	34	95 931	37 081,075	849 174,938	22,900	22,439
49	35	95 638	36 242,737	812 093,863	22,407	21,945
50	36	95 314	35 411,919	775 851,127	21,909	21,448
51	37	94 954	34 586,294	740 439,207	21,408	20,947
52	38	94 557	33 766,569	705 852,913	20,904	20,442
53	39	94 109	32 947,515	672 086,344	20,399	19,937
54	40	93 611	32 130,426	639 138,828	19,892	19,430
55	41	93 049	31 311,468	607 008,402	19,386	18,925
56	42	92 431	30 493,427	575 696,934	18,879	18,418
57	43	91 749	29 675,010	545 203,507	18,372	17,911
58	44	90 993	28 853,602	515 528,497	17,867	17,405
59	45	90 164	28 029,885	486 674,895	17,363	16,901
60	46	89 255	27 203,304	458 645,009	16,860	16,398
61	47	88 270	26 375,556	431 441,706	16,358	15,896
62	48	87 195	25 543,513	405 066,150	15,858	15,396
63	49	86 016	24 704,177	379 522,637	15,363	14,901
64	50	84 752	23 863,665	354 818,460	14,869	14,407
65	51	83 389	23 019,564	330 954,795	14,377	13,915
66	52	81 927	22 172,562	307 935,231	13,888	13,427
67	53	80 379	21 326,957	285 762,669	13,399	12,938
68	54	78 729	20 479,781	264 435,712	12,912	12,450
69	55	76 996	19 636,227	243 955,931	12,424	11,962
70	56	75 127	18 783,854	224 319,704	11,942	11,481
71	57	73 189	17 940,423	205 535,850	11,457	10,995
72	58	71 105	17 087,956	187 595,427	10,978	10,517
73	59	68 942	16 243,285	170 507,471	10,497	10,035
74	60	66 645	15 394,218	154 264,186	10,021	9,559
75	61	64 233	14 546,070	138 869,968	9,547	9,085
76	62	61 720	13 703,019	124 323,898	9,073	8,611
77	63	59 062	12 855,591	110 620,880	8,605	8,143
78	64	56 276	12 009,013	97 765,289	8,141	7,679
79	65	53 315	11 154,226	85 756,276	7,688	7,227
80	66	50 221	10 300,865	74 602,050	7,242	6,781
81	67	46 972	9 445,584	64 301,185	6,808	6,346
82	68	43 525	8 580,648	54 855,601	6,393	5,931
83	69	39 940	7 719,549	46 274,953	5,995	5,533
84	70	36 262	6 871,327	38 555,404	5,611	5,149
85	71	32 512	6 039,805	31 684,077	5,246	4,784
86	72	28 709	5 228,885	25 644,272	4,904	4,443
87	73	24 955	4 455,944	20 415,386	4,582	4,120
88	74	21 303	3 729,225	15 959,442	4,280	3,818
89	75	17 811	3 056,891	12 230,217	4,001	3,539
90	76	14 584	2 453,999	9 173,326	3,738	3,277
91	77	11 679	1 926,597	6 719,326	3,488	3,026
92	78	9 131	1 476,798	4 792,729	3,245	2,784
93	79	6 879	1 090,747	3 315,931	3,040	2,578
94	80	5 041	783,641	2 225,184	2,840	2,378
95	81	3 546	540,381	1 441,543	2,668	2,206
96	82	2 410	360,032	901,162	2,503	2,041
97	83	1 552	227,373	541,131	2,380	1,918
98	84	971	139,498	313,758	2,249	1,788
99	85	580	81,715	174,260	2,133	1,671
100	86	330	45,608	92,545	2,029	1,568

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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14						
15	0	99 490	73 922,260	2 639 194,398	35,702	35,241
16	1	99 175	72 243,447	2 565 272,138	35,509	35,047
17	2	99 126	70 791,825	2 493 028,691	35,216	34,755
18	3	99 086	69 376,062	2 422 236,866	34,915	34,453
19	4	99 038	67 982,673	2 352 860,805	34,610	34,148
20	5	98 989	66 616,800	2 284 878,132	34,299	33,837
21	6	98 937	65 276,569	2 218 261,332	33,983	33,521
22	7	98 889	63 965,043	2 152 984,763	33,659	33,197
23	8	98 839	62 679,465	2 089 019,720	33,329	32,867
24	9	98 792	61 421,009	2 026 340,255	32,991	32,529
25	10	98 739	60 184,399	1 964 919,246	32,648	32,187
26	11	98 690	58 975,024	1 904 734,847	32,297	31,836
27	12	98 637	57 787,651	1 845 759,824	31,940	31,479
28	13	98 584	56 623,948	1 787 972,173	31,576	31,115
29	14	98 527	55 481,531	1 731 348,224	31,206	30,744
30	15	98 466	54 360,271	1 675 866,693	30,829	30,367
31	16	98 399	53 257,983	1 621 506,423	30,446	29,985
32	17	98 324	52 173,869	1 568 248,440	30,058	29,597
33	18	98 248	51 111,461	1 516 074,571	29,662	29,201
34	19	98 157	50 062,747	1 464 963,110	29,263	28,801
35	20	98 064	49 034,782	1 414 900,363	28,855	28,393
36	21	97 967	48 025,868	1 365 865,581	28,440	27,979
37	22	97 867	47 035,960	1 317 839,713	28,018	27,556
38	23	97 755	46 061,002	1 270 803,753	27,590	27,128
39	24	97 633	45 101,513	1 224 742,751	27,155	26,694
40	25	97 507	44 159,965	1 179 641,239	26,713	26,251
41	26	97 368	43 232,271	1 135 481,273	26,265	25,803
42	27	97 220	42 320,082	1 092 249,002	25,809	25,348
43	28	97 059	41 421,583	1 049 928,920	25,347	24,886
44	29	96 886	40 537,313	1 008 507,337	24,878	24,417
45	30	96 687	39 660,741	967 970,024	24,406	23,945
46	31	96 467	38 794,612	928 309,283	23,929	23,467
47	32	96 227	37 939,135	889 514,670	23,446	22,984
48	33	95 966	37 094,442	851 575,535	22,957	22,495
49	34	95 677	36 257,457	814 481,094	22,464	22,002
50	35	95 354	35 426,520	778 223,637	21,967	21,506
51	36	94 997	34 602,159	742 797,117	21,467	21,005
52	37	94 602	33 782,604	708 194,958	20,963	20,502
53	38	94 166	32 967,403	674 412,353	20,457	19,995
54	39	93 667	32 149,753	641 444,950	19,952	19,490
55	40	93 113	31 332,953	609 295,197	19,446	18,984
56	41	92 499	30 516,017	577 962,244	18,940	18,478
57	42	91 822	29 698,584	547 446,227	18,433	17,972
58	43	91 076	28 879,827	517 747,644	17,928	17,466
59	44	90 251	28 057,117	488 867,817	17,424	16,962
60	45	89 358	27 234,685	460 810,700	16,920	16,458
61	46	88 377	26 407,707	433 576,015	16,419	15,957
62	47	87 315	25 578,563	407 168,308	15,918	15,457
63	48	86 154	24 743,619	381 589,745	15,422	14,960
64	49	84 900	23 905,453	356 846,125	14,927	14,466
65	50	83 544	23 062,303	332 940,672	14,437	13,975
66	51	82 103	22 220,173	309 878,369	13,946	13,484
67	52	80 567	21 376,828	287 658,195	13,457	12,995
68	53	78 932	20 532,502	266 281,367	12,969	12,507
69	54	77 219	19 693,114	245 748,865	12,479	12,017
70	55	75 372	18 845,014	226 055,751	11,996	11,534
71	56	73 452	18 004,825	207 210,737	11,509	11,047
72	57	71 386	17 155,276	189 205,911	11,029	10,567
73	58	69 244	16 314,242	172 050,635	10,546	10,084
74	59	66 961	15 467,011	155 736,393	10,069	9,607
75	60	64 574	14 623,221	140 269,382	9,592	9,131
76	61	62 073	13 781,378	125 646,161	9,117	8,655
77	62	59 426	12 934,940	111 864,783	8,648	8,187
78	63	56 658	12 090,611	98 929,843	8,182	7,721
79	64	53 717	11 238,205	86 839,232	7,727	7,266
80	65	50 625	10 383,627	75 601,027	7,281	6,819
81	66	47 388	9 529,079	65 217,400	6,844	6,382
82	67	43 941	8 662,790	55 688,321	6,428	5,967
83	68	40 362	7 801,194	47 025,530	6,028	5,566
84	69	36 686	6 951,650	39 224,336	5,642	5,181
85	70	32 926	6 116,870	32 272,686	5,276	4,814
86	71	29 108	5 301,526	26 155,816	4,934	4,472
87	72	25 330	4 522,945	20 854,290	4,611	4,149
88	73	21 658	3 791,466	16 331,344	4,307	3,846
89	74	18 135	3 112,427	12 539,878	4,029	3,567
90	75	14 870	2 502,118	9 427,451	3,768	3,306
91	76	11 936	1 969,062	6 925,333	3,517	3,055
92	77	9 354	1 512,797	4 956,271	3,276	2,815
93	78	7 073	1 121,531	3 443,474	3,070	2,609
94	79	5 205	809,057	2 321,943	2,870	2,408
95	80	3 680	560,830	1 512,886	2,698	2,236
96	81	2 517	376,081	952,056	2,532	2,070
97	82	1 633	239,183	575,975	2,408	1,946
98	83	1 030	147,885	336,792	2,277	1,816
99	84	621	87,411	188,908	2,161	1,700
100	85	358	49,365	101,496	2,056	1,594

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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16	0	99 474	72 461,218	2 567 921,379	35,439	34,977
17	1	99 150	70 809,381	2 495 460,161	35,242	34,780
18	2	99 098	69 384,681	2 424 650,780	34,945	34,483
19	3	99 048	67 989,685	2 355 266,099	34,642	34,180
20	4	98 999	66 623,175	2 287 276,414	34,332	33,870
21	5	98 946	65 282,385	2 220 653,239	34,016	33,555
22	6	98 897	63 970,702	2 155 370,854	33,693	33,231
23	7	98 844	62 682,377	2 091 400,153	33,365	32,903
24	8	98 799	61 425,289	2 028 717,776	33,027	32,566
25	9	98 745	60 188,081	1 967 292,487	32,686	32,224
26	10	98 696	58 978,474	1 907 104,406	32,336	31,874
27	11	98 645	57 792,120	1 848 125,933	31,979	31,517
28	12	98 591	56 628,395	1 790 333,813	31,615	31,154
29	13	98 536	55 486,759	1 733 705,418	31,245	30,784
30	14	98 475	54 365,283	1 678 218,659	30,869	30,408
31	15	98 411	53 264,464	1 623 853,376	30,487	30,025
32	16	98 338	52 181,552	1 570 588,912	30,099	29,637
33	17	98 261	51 118,422	1 518 407,360	29,704	29,242
34	18	98 176	50 072,612	1 467 288,938	29,303	28,842
35	19	98 081	49 043,354	1 417 216,326	28,897	28,436
36	20	97 985	48 034,749	1 368 172,972	28,483	28,021
37	21	97 883	47 043,717	1 320 138,223	28,062	27,600
38	22	97 771	46 068,502	1 273 094,506	27,635	27,173
39	23	97 651	45 109,631	1 227 026,004	27,201	26,739
40	24	97 525	44 167,913	1 181 916,373	26,760	26,298
41	25	97 386	43 240,497	1 137 748,460	26,312	25,850
42	26	97 238	42 328,047	1 094 507,963	25,858	25,396
43	27	97 080	41 430,499	1 052 179,916	25,396	24,935
44	28	96 909	40 546,867	1 010 749,417	24,928	24,466
45	29	96 712	39 671,007	970 202,550	24,456	23,995
46	30	96 498	38 806,919	930 531,543	23,978	23,517
47	31	96 257	37 951,052	891 724,624	23,497	23,035
48	32	95 999	37 107,156	853 773,572	23,008	22,547
49	33	95 711	36 270,526	816 666,417	22,516	22,054
50	34	95 392	35 440,909	780 395,890	22,020	21,558
51	35	95 037	34 616,426	744 954,982	21,520	21,059
52	36	94 646	33 798,101	710 338,556	21,017	20,556
53	37	94 211	32 983,059	676 540,455	20,512	20,050
54	38	93 724	32 169,159	643 557,396	20,005	19,544
55	39	93 169	31 351,800	611 388,237	19,501	19,039
56	40	92 563	30 536,956	580 036,437	18,995	18,533
57	41	91 890	29 720,585	549 499,481	18,489	18,027
58	42	91 148	28 902,769	519 778,896	17,984	17,522
59	43	90 333	28 082,618	490 876,128	17,480	17,018
60	44	89 445	27 261,144	462 793,510	16,976	16,515
61	45	88 479	26 438,170	435 532,366	16,474	16,012
62	46	87 421	25 609,743	409 094,196	15,974	15,513
63	47	86 272	24 777,572	383 484,452	15,477	15,015
64	48	85 036	23 943,621	358 706,880	14,981	14,520
65	49	83 690	23 102,688	334 763,260	14,490	14,029
66	50	82 255	22 261,428	311 660,571	14,000	13,538
67	51	80 740	21 422,730	289 399,143	13,509	13,047
68	52	79 117	20 580,516	267 976,413	13,021	12,559
69	53	77 418	19 743,810	247 395,897	12,530	12,069
70	54	75 590	18 899,610	227 652,087	12,045	11,584
71	55	73 691	18 063,449	208 752,477	11,557	11,095
72	56	71 642	17 216,860	190 689,028	11,076	10,614
73	57	69 516	16 378,513	173 472,168	10,591	10,130
74	58	67 253	15 534,578	157 093,654	10,113	9,651
75	59	64 879	14 692,369	141 559,077	9,635	9,173
76	60	62 403	13 854,474	126 866,708	9,157	8,695
77	61	59 766	13 008,907	113 012,234	8,687	8,226
78	62	57 008	12 165,238	100 003,328	8,220	7,759
79	63	54 082	11 314,566	87 838,090	7,763	7,302
80	64	51 006	10 461,805	76 523,524	7,315	6,853
81	65	47 768	9 605,640	66 061,719	6,877	6,416
82	66	44 330	8 739,366	56 456,079	6,460	5,998
83	67	40 749	7 875,875	47 716,713	6,059	5,597
84	68	37 074	7 025,173	39 840,838	5,671	5,210
85	69	33 311	6 188,375	32 815,665	5,303	4,841
86	70	29 480	5 369,171	26 627,290	4,959	4,498
87	71	25 682	4 585,779	21 258,119	4,636	4,174
88	72	21 984	3 848,476	16 672,341	4,332	3,871
89	73	18 438	3 164,374	12 823,865	4,053	3,591
90	74	15 141	2 547,575	9 659,491	3,792	3,330
91	75	12 171	2 007,672	7 111,916	3,542	3,081
92	76	9 560	1 546,141	5 104,243	3,301	2,840
93	77	7 246	1 148,870	3 558,102	3,097	2,635
94	78	5 352	831,891	2 409,232	2,896	2,434
95	79	3 799	579,019	1 577,341	2,724	2,263
96	80	2 612	390,312	998,322	2,558	2,096
97	81	1 706	249,845	608,010	2,434	1,972
98	82	1 083	155,566	358,165	2,302	1,841
99	83	658	92,667	202,599	2,186	1,725
100	84	383	52,806	109,932	2,082	1,620

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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17	0	99 449	71 022,829	2 497 902,705	35,170	34,709
18	1	99 123	69 401,888	2 426 879,875	34,968	34,507
19	2	99 060	67 998,132	2 357 477,987	34,670	34,208
20	3	99 009	66 630,046	2 289 479,855	34,361	33,899
21	4	98 956	65 288,632	2 222 849,809	34,047	33,585
22	5	98 906	63 976,401	2 157 561,177	33,724	33,263
23	6	98 853	62 687,922	2 093 584,777	33,397	32,935
24	7	98 803	61 428,143	2 030 896,855	33,061	32,600
25	8	98 752	60 192,275	1 969 468,712	32,720	32,258
26	9	98 702	58 982,082	1 909 276,436	32,370	31,909
27	10	98 650	57 795,501	1 850 294,355	32,015	31,553
28	11	98 599	56 632,774	1 792 498,854	31,651	31,190
29	12	98 544	55 491,116	1 735 866,080	31,282	30,820
30	13	98 484	54 370,406	1 680 374,964	30,906	30,444
31	14	98 420	53 269,376	1 626 004,558	30,524	30,063
32	15	98 350	52 187,902	1 572 735,182	30,136	29,674
33	16	98 276	51 125,950	1 520 547,281	29,741	29,280
34	17	98 190	50 079,431	1 469 421,331	29,342	28,880
35	18	98 101	49 053,019	1 419 341,900	28,935	28,473
36	19	98 003	48 043,146	1 370 288,882	28,522	28,060
37	20	97 901	47 052,416	1 322 245,736	28,102	27,640
38	21	97 787	46 076,100	1 275 193,319	27,676	27,214
39	22	97 667	45 116,976	1 229 117,219	27,243	26,781
40	23	97 542	44 175,863	1 184 000,243	26,802	26,340
41	24	97 404	43 248,279	1 139 824,380	26,355	25,894
42	25	97 256	42 336,101	1 096 576,101	25,902	25,440
43	26	97 098	41 438,297	1 054 240,000	25,441	24,980
44	27	96 930	40 555,594	1 012 801,703	24,973	24,512
45	28	96 735	39 680,357	972 246,109	24,502	24,040
46	29	96 523	38 816,964	932 565,752	24,025	23,563
47	30	96 287	37 963,091	893 748,788	23,543	23,081
48	31	96 029	37 118,811	855 785,697	23,055	22,594
49	32	95 744	36 282,958	818 666,886	22,563	22,102
50	33	95 427	35 453,684	782 383,928	22,068	21,606
51	34	95 075	34 630,486	746 930,244	21,569	21,107
52	35	94 685	33 812,036	712 299,759	21,066	20,605
53	36	94 254	32 998,188	678 487,723	20,561	20,100
54	37	93 768	32 184,436	645 489,535	20,056	19,594
55	38	93 225	31 370,725	613 305,099	19,550	19,089
56	39	92 618	30 555,324	581 934,374	19,045	18,584
57	40	91 953	29 740,978	551 379,050	18,539	18,078
58	41	91 216	28 924,180	521 638,072	18,035	17,573
59	42	90 405	28 104,926	492 713,892	17,531	17,070
60	43	89 526	27 285,921	464 608,966	17,027	16,566
61	44	88 565	26 463,856	437 323,045	16,525	16,064
62	45	87 522	25 639,286	410 859,189	16,025	15,563
63	46	86 377	24 807,776	385 219,903	15,528	15,067
64	47	85 152	23 976,476	360 412,127	15,032	14,570
65	48	83 824	23 139,574	336 435,652	14,539	14,078
66	49	82 399	22 300,411	313 296,078	14,049	13,587
67	50	80 889	21 462,505	290 995,666	13,558	13,097
68	51	79 287	20 624,708	269 533,162	13,068	12,607
69	52	77 599	19 789,979	248 908,453	12,577	12,116
70	53	75 785	18 948,263	229 118,474	12,092	11,630
71	54	73 904	18 115,780	210 170,212	11,601	11,140
72	55	71 875	17 272,918	192 054,431	11,119	10,657
73	56	69 766	16 437,309	174 781,513	10,633	10,172
74	57	67 518	15 595,777	158 344,204	10,153	9,691
75	58	65 163	14 756,551	142 748,426	9,674	9,212
76	59	62 698	13 919,986	127 991,875	9,195	8,733
77	60	60 083	13 077,905	114 071,889	8,722	8,261
78	61	57 334	12 234,804	100 993,984	8,255	7,793
79	62	54 416	11 384,403	88 759,180	7,797	7,335
80	63	51 352	10 532,890	77 374,777	7,346	6,884
81	64	48 128	9 677,960	66 841,887	6,907	6,445
82	65	44 686	8 809,582	57 163,927	6,489	6,027
83	66	41 109	7 945,494	48 354,345	6,086	5,624
84	67	37 429	7 092,425	40 408,851	5,697	5,236
85	68	33 664	6 253,825	33 316,425	5,327	4,866
86	69	29 824	5 431,935	27 062,600	4,982	4,521
87	70	26 010	4 644,291	21 630,666	4,657	4,196
88	71	22 289	3 901,940	16 986,375	4,353	3,892
89	72	18 715	3 211,954	13 084,435	4,074	3,612
90	73	15 393	2 590,095	9 872,480	3,812	3,350
91	74	12 392	2 044,146	7 282,386	3,563	3,101
92	75	9 748	1 576,459	5 238,240	3,323	2,861
93	76	7 406	1 174,192	3 661,781	3,119	2,657
94	77	5 482	852,170	2 487,589	2,919	2,458
95	78	3 907	595,361	1 635,419	2,747	2,285
96	79	2 697	402,971	1 040,058	2,581	2,119
97	80	1 770	259,299	637,087	2,457	1,995
98	81	1 132	162,501	377,788	2,325	1,863
99	82	692	97,480	215,287	2,209	1,747
100	83	406	55,981	117,807	2,104	1,643

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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18	0	99 422	69 611,094	2 429 132,326	34,896	34,434
19	1	99 085	68 014,995	2 359 521,232	34,691	34,230
20	2	99 021	66 638,324	2 291 506,237	34,387	33,926
21	3	98 966	65 295,366	2 224 867,912	34,074	33,612
22	4	98 916	63 982,523	2 159 572,546	33,753	33,291
23	5	98 861	62 693,507	2 095 590,024	33,426	32,964
24	6	98 812	61 433,577	2 032 896,517	33,091	32,629
25	7	98 756	60 195,072	1 971 462,940	32,751	32,290
26	8	98 709	58 986,192	1 911 267,868	32,402	31,940
27	9	98 656	57 799,036	1 852 281,676	32,047	31,585
28	10	98 605	56 636,087	1 794 482,640	31,684	31,223
29	11	98 551	55 495,407	1 737 846,552	31,315	30,854
30	12	98 492	54 374,676	1 682 351,145	30,940	30,478
31	13	98 429	53 274,395	1 627 976,469	30,558	30,097
32	14	98 359	52 192,714	1 574 702,075	30,171	29,709
33	15	98 288	51 132,171	1 522 509,361	29,776	29,314
34	16	98 204	50 086,806	1 471 377,190	29,377	28,915
35	17	98 114	49 059,699	1 421 290,384	28,971	28,509
36	18	98 022	48 052,613	1 372 230,685	28,557	28,095
37	19	97 918	47 060,642	1 324 178,072	28,138	27,676
38	20	97 805	46 084,620	1 277 117,430	27,712	27,251
39	21	97 683	45 124,417	1 231 032,810	27,281	26,819
40	22	97 558	44 183,056	1 185 908,392	26,841	26,379
41	23	97 421	43 256,063	1 141 725,336	26,395	25,933
42	24	97 274	42 343,720	1 098 469,273	25,942	25,480
43	25	97 116	41 446,181	1 056 125,553	25,482	25,020
44	26	96 948	40 563,228	1 014 679,372	25,015	24,553
45	27	96 756	39 688,898	974 116,143	24,544	24,082
46	28	96 545	38 826,113	934 427,246	24,067	23,605
47	29	96 312	37 972,917	895 601,133	23,585	23,124
48	30	96 059	37 130,586	857 628,216	23,098	22,636
49	31	95 774	36 294,354	820 497,630	22,607	22,145
50	32	95 459	35 465,835	784 203,275	22,112	21,650
51	33	95 109	34 642,969	748 737,440	21,613	21,151
52	34	94 723	33 825,769	714 094,471	21,111	20,649
53	35	94 293	33 011,794	680 268,702	20,607	20,145
54	36	93 811	32 199,199	647 256,909	20,102	19,640
55	37	93 270	31 385,622	615 057,710	19,597	19,135
56	38	92 674	30 573,768	583 672,087	19,091	18,629
57	39	92 008	29 758,867	553 098,320	18,586	18,124
58	40	91 279	28 944,027	523 339,452	18,081	17,619
59	41	90 472	28 125,747	494 395,426	17,578	17,116
60	42	89 597	27 307,597	466 269,679	17,075	16,613
61	43	88 646	26 487,908	438 962,082	16,572	16,111
62	44	87 607	25 664,195	412 474,174	16,072	15,610
63	45	86 477	24 836,393	386 809,979	15,574	15,113
64	46	85 256	24 005,703	361 973,585	15,079	14,617
65	47	83 939	23 171,326	337 967,883	14,586	14,124
66	48	82 531	22 336,016	314 796,557	14,094	13,632
67	49	81 031	21 500,088	292 460,541	13,603	13,141
68	50	79 434	20 663,001	270 960,453	13,113	12,652
69	51	77 766	19 832,474	250 297,452	12,621	12,159
70	52	75 962	18 992,572	230 464,977	12,134	11,673
71	53	74 094	18 162,415	211 472,406	11,643	11,182
72	54	72 083	17 322,959	193 309,990	11,159	10,698
73	55	69 993	16 490,829	175 987,031	10,672	10,210
74	56	67 760	15 651,763	159 496,202	10,190	9,729
75	57	65 419	14 814,686	143 844,439	9,710	9,248
76	58	62 972	13 980,794	129 029,753	9,229	8,767
77	59	60 367	13 139,746	115 048,959	8,756	8,294
78	60	57 638	12 299,696	101 909,213	8,286	7,824
79	61	54 727	11 449,504	89 609,517	7,826	7,365
80	62	51 669	10 597,902	78 160,013	7,375	6,913
81	63	48 455	9 743,720	67 562,111	6,934	6,472
82	64	45 022	8 875,909	57 818,391	6,514	6,052
83	65	41 439	8 009,332	48 942,482	6,111	5,649
84	66	37 760	7 155,119	40 933,150	5,721	5,259
85	67	33 986	6 313,693	33 778,031	5,350	4,888
86	68	30 140	5 489,385	27 464,338	5,003	4,542
87	69	26 314	4 698,581	21 974,953	4,677	4,215
88	70	22 574	3 951,727	17 276,372	4,372	3,910
89	71	18 975	3 256,575	13 324,645	4,092	3,630
90	72	15 625	2 629,040	10 068,070	3,830	3,368
91	73	12 598	2 078,263	7 439,030	3,579	3,118
92	74	9 925	1 605,099	5 360,767	3,340	2,878
93	75	7 551	1 197,216	3 755,668	3,137	2,675
94	76	5 603	870,952	2 558,451	2,938	2,476
95	77	4 002	609,874	1 687,499	2,767	2,305
96	78	2 773	414,344	1 077,625	2,601	2,139
97	79	1 828	267,709	663,281	2,478	2,016
98	80	1 174	168,650	395,572	2,346	1,884
99	81	723	101,825	226,922	2,229	1,767
100	82	427	58,889	125,096	2,124	1,663

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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19	0	99 384	68 220,020	2 361 598,752	34,617	34,156
20	1	99 046	66 654,851	2 293 378,732	34,407	33,945
21	2	98 978	65 303,478	2 226 723,882	34,098	33,636
22	3	98 926	63 989,122	2 161 420,403	33,778	33,316
23	4	98 871	62 699,506	2 097 431,281	33,452	32,991
24	5	98 821	61 439,050	2 034 731,775	33,118	32,656
25	6	98 765	60 200,397	1 973 292,725	32,779	32,317
26	7	98 713	58 988,933	1 913 092,328	32,431	31,970
27	8	98 663	57 803,064	1 854 103,396	32,076	31,615
28	9	98 611	56 639,552	1 796 300,331	31,715	31,253
29	10	98 557	55 498,654	1 739 660,779	31,346	30,884
30	11	98 500	54 378,881	1 684 162,126	30,971	30,509
31	12	98 437	53 278,578	1 629 783,245	30,590	30,128
32	13	98 369	52 197,632	1 576 504,667	30,203	29,741
33	14	98 297	51 136,886	1 524 307,035	29,808	29,347
34	15	98 216	50 092,901	1 473 170,149	29,409	28,947
35	16	98 128	49 066,924	1 423 077,248	29,003	28,541
36	17	98 035	48 059,157	1 374 010,325	28,590	28,128
37	18	97 938	47 069,915	1 325 951,167	28,170	27,708
38	19	97 822	46 092,677	1 278 881,252	27,746	27,284
39	20	97 701	45 132,761	1 232 788,575	27,315	26,853
40	21	97 574	44 190,343	1 187 655,814	26,876	26,414
41	22	97 437	43 263,107	1 143 465,471	26,430	25,969
42	23	97 291	42 351,342	1 100 202,364	25,978	25,516
43	24	97 134	41 453,640	1 057 851,022	25,519	25,057
44	25	96 967	40 570,946	1 016 397,382	25,052	24,591
45	26	96 774	39 696,368	975 826,436	24,582	24,121
46	27	96 566	38 834,469	936 130,068	24,106	23,644
47	28	96 335	37 981,867	897 295,598	23,624	23,163
48	29	96 084	37 140,197	859 313,731	23,137	22,675
49	30	95 804	36 305,868	822 173,534	22,646	22,184
50	31	95 489	35 476,975	785 867,666	22,151	21,690
51	32	95 142	34 654,843	750 390,691	21,653	21,192
52	33	94 757	33 837,962	715 735,848	21,152	20,690
53	34	94 331	33 025,202	681 897,887	20,648	20,186
54	35	93 850	32 212,475	648 872,685	20,144	19,682
55	36	93 312	31 400,019	616 660,210	19,639	19,177
56	37	92 718	30 588,287	585 260,191	19,133	18,672
57	38	92 064	29 776,830	554 671,904	18,628	18,166
58	39	91 333	28 961,437	524 895,074	18,124	17,662
59	40	90 534	28 145,046	495 933,637	17,621	17,159
60	41	89 663	27 327,826	467 788,592	17,118	16,656
61	42	88 716	26 508,950	440 460,765	16,616	16,154
62	43	87 687	25 687,521	413 951,815	16,115	15,653
63	44	86 561	24 860,522	388 264,294	15,618	15,156
64	45	85 354	24 033,395	363 403,772	15,121	14,659
65	46	84 041	23 199,572	339 370,377	14,628	14,167
66	47	82 644	22 366,665	316 170,805	14,136	13,674
67	48	81 160	21 534,415	293 804,140	13,643	13,182
68	49	79 573	20 699,185	272 269,725	13,154	12,692
69	50	77 910	19 869,296	251 570,540	12,661	12,200
70	51	76 125	19 033,354	231 701,244	12,173	11,712
71	52	74 268	18 204,887	212 667,890	11,682	11,220
72	53	72 269	17 367,553	194 463,003	11,197	10,735
73	54	70 196	16 538,604	177 095,450	10,708	10,246
74	55	67 981	15 702,726	160 556,845	10,225	9,763
75	56	65 654	14 867,868	144 854,120	9,743	9,281
76	57	63 220	14 035,873	129 986,252	9,261	8,799
77	58	60 631	13 197,146	115 950,379	8,786	8,324
78	59	57 910	12 357,857	102 753,234	8,315	7,853
79	60	55 017	11 510,231	90 395,377	7,853	7,392
80	61	51 965	10 658,505	78 885,146	7,401	6,940
81	62	48 754	9 803,861	68 226,641	6,959	6,498
82	63	45 328	8 936,218	58 422,780	6,538	6,076
83	64	41 751	8 069,634	49 486,561	6,132	5,671
84	65	38 063	7 212,607	41 416,928	5,742	5,281
85	66	34 286	6 369,503	34 204,321	5,370	4,908
86	67	30 428	5 541,935	27 834,817	5,023	4,561
87	68	26 592	4 748,275	22 292,883	4,695	4,233
88	69	22 838	3 997,921	17 544,608	4,388	3,927
89	70	19 217	3 298,128	13 546,687	4,107	3,646
90	71	15 842	2 665,563	10 248,559	3,845	3,383
91	72	12 788	2 109,513	7 582,996	3,595	3,133
92	73	10 090	1 631,888	5 473,483	3,354	2,892
93	74	7 688	1 218,967	3 841,595	3,152	2,690
94	75	5 713	888,031	2 622,628	2,953	2,492
95	76	4 090	623,316	1 734,598	2,783	2,321
96	77	2 841	424,444	1 111,282	2,618	2,157
97	78	1 879	275,265	686,837	2,495	2,034
98	79	1 212	174,120	411,573	2,364	1,902
99	80	751	105,678	237,452	2,247	1,785
100	81	446	61,514	131,774	2,142	1,681

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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20	0	99 344	66 855,775	2 295 295,242	34,332	33,870
21	1	99 003	65 319,673	2 228 439,467	34,116	33,654
22	2	98 938	63 997,072	2 163 119,793	33,800	33,339
23	3	98 881	62 705,973	2 099 122,721	33,476	33,014
24	4	98 830	61 444,930	2 036 416,748	33,142	32,681
25	5	98 774	60 205,760	1 974 971,819	32,804	32,342
26	6	98 722	58 994,151	1 914 766,059	32,457	31,995
27	7	98 668	57 805,750	1 855 771,908	32,104	31,642
28	8	98 618	56 643,499	1 797 966,158	31,742	31,280
29	9	98 563	55 502,049	1 741 322,659	31,374	30,912
30	10	98 506	54 382,062	1 685 820,610	31,000	30,538
31	11	98 445	53 282,699	1 631 438,548	30,619	30,157
32	12	98 376	52 201,731	1 578 155,850	30,232	29,770
33	13	98 306	51 141,704	1 525 954,119	29,838	29,376
34	14	98 225	50 097,520	1 474 812,414	29,439	28,977
35	15	98 140	49 072,894	1 424 714,895	29,033	28,571
36	16	98 050	48 066,235	1 375 642,000	28,620	28,158
37	17	97 951	47 076,325	1 327 575,766	28,200	27,739
38	18	97 842	46 101,760	1 280 499,440	27,776	27,314
39	19	97 718	45 140,652	1 234 397,681	27,346	26,884
40	20	97 592	44 198,515	1 189 257,029	26,907	26,446
41	21	97 453	43 270,242	1 145 058,514	26,463	26,001
42	22	97 307	42 358,238	1 101 788,272	26,011	25,550
43	23	97 151	41 461,102	1 059 430,034	25,552	25,091
44	24	96 984	40 578,247	1 017 968,933	25,087	24,625
45	25	96 792	39 703,921	977 390,685	24,617	24,155
46	26	96 584	38 841,779	937 686,764	24,141	23,680
47	27	96 356	37 990,042	898 844,985	23,660	23,198
48	28	96 107	37 148,951	860 854,943	23,173	22,711
49	29	95 829	36 315,265	823 705,992	22,682	22,220
50	30	95 520	35 488,229	787 390,727	22,187	21,726
51	31	95 172	34 665,728	751 902,497	21,690	21,228
52	32	94 790	33 849,560	717 236,770	21,189	20,727
53	33	94 365	33 037,106	683 387,210	20,685	20,224
54	34	93 888	32 225,558	650 350,104	20,181	19,720
55	35	93 351	31 412,965	618 124,546	19,677	19,216
56	36	92 761	30 602,318	586 711,581	19,172	18,711
57	37	92 107	29 790,971	556 109,263	18,667	18,205
58	38	91 389	28 978,918	526 318,292	18,162	17,700
59	39	90 589	28 161,975	497 339,373	17,660	17,198
60	40	89 725	27 346,578	469 177,398	17,157	16,695
61	41	88 782	26 528,588	441 830,820	16,655	16,193
62	42	87 756	25 707,927	415 302,232	16,155	15,693
63	43	86 639	24 883,118	389 594,305	15,657	15,195
64	44	85 437	24 056,744	364 711,187	15,160	14,699
65	45	84 138	23 226,334	340 654,444	14,667	14,205
66	46	82 745	22 393,930	317 428,110	14,175	13,713
67	47	81 272	21 563,965	295 034,180	13,682	13,220
68	48	79 700	20 732,233	273 470,215	13,191	12,729
69	49	78 047	19 904,090	252 737,983	12,698	12,236
70	50	76 266	19 068,692	232 833,893	12,210	11,749
71	51	74 427	18 243,978	213 765,200	11,717	11,255
72	52	72 438	17 408,166	195 521,222	11,232	10,770
73	53	70 377	16 581,179	178 113,056	10,742	10,280
74	54	68 178	15 748,217	161 531,877	10,257	9,796
75	55	65 868	14 916,278	145 783,660	9,773	9,312
76	56	63 447	14 086,259	130 867,382	9,290	8,829
77	57	60 870	13 249,137	116 781,123	8,814	8,353
78	58	58 163	12 411,841	103 531,986	8,341	7,880
79	59	55 277	11 564,659	91 120,145	7,879	7,418
80	60	52 241	10 715,037	79 555,487	7,425	6,963
81	61	49 033	9 859,923	68 840,449	6,982	6,520
82	62	45 608	8 991,375	58 980,526	6,560	6,098
83	63	42 035	8 124,465	49 989,151	6,153	5,691
84	64	38 350	7 266,910	41 864,686	5,761	5,299
85	65	34 562	6 420,679	34 597,776	5,388	4,927
86	66	30 697	5 590,923	28 177,097	5,040	4,578
87	67	26 847	4 793,730	22 586,174	4,712	4,250
88	68	23 079	4 040,204	17 792,443	4,404	3,942
89	69	19 442	3 336,682	13 752,239	4,122	3,660
90	70	16 044	2 699,574	10 415,557	3,858	3,397
91	71	12 966	2 138,818	7 715,983	3,608	3,146
92	72	10 242	1 656,426	5 577,164	3,367	2,905
93	73	7 816	1 239,311	3 920,738	3,164	2,702
94	74	5 817	904,164	2 681,427	2,966	2,504
95	75	4 170	635,538	1 777,263	2,796	2,335
96	76	2 903	433,800	1 141,725	2,632	2,170
97	77	1 925	281,975	707,926	2,511	2,049
98	78	1 247	179,034	425,951	2,379	1,918
99	79	775	109,106	246,916	2,263	1,801
100	80	463	63,842	137,811	2,159	1,697

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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21	0	99 301	65 516,573	2 230 207,738	34,040	33,579
22	1	98 963	64 012,943	2 164 691,164	33,816	33,355
23	2	98 893	62 713,764	2 100 678,221	33,496	33,035
24	3	98 841	61 451,267	2 037 964,457	33,164	32,702
25	4	98 783	60 211,521	1 976 513,190	32,826	32,365
26	5	98 731	58 999,407	1 916 301,669	32,480	32,018
27	6	98 677	57 810,864	1 857 302,262	32,127	31,666
28	7	98 622	56 646,131	1 799 491,398	31,767	31,306
29	8	98 570	55 505,917	1 742 845,268	31,399	30,938
30	9	98 512	54 385,388	1 687 339,351	31,026	30,564
31	10	98 450	53 285,816	1 632 953,963	30,645	30,184
32	11	98 384	52 205,768	1 579 668,147	30,258	29,797
33	12	98 314	51 145,720	1 527 462,379	29,865	29,403
34	13	98 234	50 102,240	1 476 316,659	29,466	29,004
35	14	98 149	49 077,419	1 426 214,418	29,061	28,599
36	15	98 062	48 072,084	1 377 136,999	28,647	28,186
37	16	97 965	47 083,258	1 329 064,915	28,228	27,766
38	17	97 855	46 108,038	1 281 981,657	27,804	27,342
39	18	97 737	45 149,547	1 235 873,619	27,373	26,911
40	19	97 609	44 206,241	1 190 724,073	26,936	26,474
41	20	97 471	43 278,243	1 146 517,831	26,492	26,030
42	21	97 323	42 365,224	1 103 239,588	26,041	25,580
43	22	97 167	41 467,853	1 060 874,364	25,583	25,121
44	23	97 002	40 585,551	1 019 406,511	25,117	24,656
45	24	96 810	39 711,066	978 820,959	24,649	24,187
46	25	96 603	38 849,169	939 109,893	24,173	23,712
47	26	96 374	37 997,193	900 260,724	23,693	23,231
48	27	96 128	37 156,946	862 263,531	23,206	22,744
49	28	95 852	36 323,825	825 106,584	22,715	22,254
50	29	95 544	35 497,415	788 782,760	22,221	21,759
51	30	95 202	34 676,725	753 285,345	21,723	21,261
52	31	94 820	33 860,192	718 608,620	21,223	20,761
53	32	94 397	33 048,429	684 748,428	20,720	20,258
54	33	93 922	32 237,174	651 699,999	20,216	19,754
55	34	93 389	31 425,724	619 462,825	19,712	19,250
56	35	92 799	30 614,935	588 037,101	19,208	18,746
57	36	92 150	29 804,636	557 422,165	18,703	18,241
58	37	91 432	28 992,680	527 617,529	18,198	17,737
59	38	90 643	28 178,974	498 624,849	17,695	17,233
60	39	89 779	27 363,027	470 445,875	17,193	16,731
61	40	88 843	26 546,791	443 082,848	16,691	16,229
62	41	87 821	25 726,972	416 536,056	16,191	15,729
63	42	86 708	24 902,885	390 809,085	15,693	15,232
64	43	85 515	24 078,609	365 906,200	15,196	14,735
65	44	84 220	23 248,899	341 827,591	14,703	14,241
66	45	82 840	22 419,763	318 578,692	14,210	13,748
67	46	81 371	21 590,251	296 158,930	13,717	13,256
68	47	79 809	20 760,681	274 568,679	13,225	12,764
69	48	78 171	19 935,869	253 807,998	12,731	12,270
70	49	76 400	19 102,084	233 872,129	12,243	11,782
71	50	74 565	18 277,851	214 770,045	11,750	11,289
72	51	72 593	17 445,547	196 492,194	11,263	10,802
73	52	70 541	16 619,953	179 046,648	10,773	10,311
74	53	68 353	15 788,758	162 426,695	10,287	9,826
75	54	66 059	14 959,491	146 637,937	9,802	9,341
76	55	63 653	14 132,124	131 678,446	9,318	8,856
77	56	61 088	13 296,699	117 546,322	8,840	8,379
78	57	58 393	12 460,739	104 249,623	8,366	7,905
79	58	55 519	11 615,178	91 788,885	7,902	7,441
80	59	52 488	10 765,705	80 173,707	7,447	6,986
81	60	49 293	9 912,220	69 408,002	7,002	6,541
82	61	45 869	9 042,792	59 495,782	6,579	6,118
83	62	42 294	8 174,612	50 452,991	6,172	5,710
84	63	38 610	7 316,287	42 278,379	5,779	5,317
85	64	34 822	6 469,020	34 962,092	5,405	4,943
86	65	30 944	5 635,843	28 493,073	5,056	4,594
87	66	27 084	4 836,105	22 857,229	4,726	4,265
88	67	23 300	4 078,881	18 021,125	4,418	3,957
89	68	19 647	3 371,972	13 942,243	4,135	3,673
90	69	16 231	2 731,132	10 570,271	3,870	3,409
91	70	13 131	2 166,109	7 839,140	3,619	3,157
92	71	10 384	1 679,437	5 673,031	3,378	2,916
93	72	7 934	1 257,946	3 993,594	3,175	2,713
94	73	5 914	919,254	2 735,648	2,976	2,514
95	74	4 246	647,084	1 816,394	2,807	2,345
96	75	2 960	442,306	1 169,309	2,644	2,182
97	76	1 967	288,190	727,004	2,523	2,061
98	77	1 277	183,398	438,814	2,393	1,931
99	78	797	112,185	255,415	2,277	1,815
100	79	478	65,913	143,230	2,173	1,711

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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22	0	99 261	64 205,904	2 166 322,954	33,740	33,279
23	1	98 918	62 729,317	2 102 117,050	33,511	33,049
24	2	98 853	61 458,902	2 039 387,733	33,183	32,721
25	3	98 794	60 217,732	1 977 928,831	32,846	32,385
26	4	98 740	59 005,053	1 917 711,100	32,501	32,039
27	5	98 685	57 816,014	1 858 706,047	32,149	31,687
28	6	98 631	56 651,142	1 800 890,033	31,789	31,328
29	7	98 574	55 508,496	1 744 238,891	31,423	30,961
30	8	98 518	54 389,179	1 688 730,396	31,049	30,587
31	9	98 456	53 289,075	1 634 341,217	30,669	30,208
32	10	98 390	52 208,822	1 581 052,142	30,283	29,822
33	11	98 322	51 149,676	1 528 843,320	29,890	29,428
34	12	98 242	50 106,175	1 477 693,644	29,491	29,030
35	13	98 159	49 082,044	1 427 587,469	29,086	28,624
36	14	98 071	48 076,517	1 378 505,426	28,673	28,212
37	15	97 977	47 088,987	1 330 428,909	28,254	27,792
38	16	97 869	46 114,828	1 283 339,922	27,829	27,368
39	17	97 751	45 155,695	1 237 225,094	27,399	26,937
40	18	97 628	44 214,953	1 192 069,398	26,961	26,499
41	19	97 488	43 285,809	1 147 854,446	26,518	26,056
42	20	97 341	42 373,058	1 104 568,637	26,068	25,606
43	21	97 183	41 474,692	1 062 195,579	25,611	25,149
44	22	97 017	40 592,160	1 020 720,887	25,146	24,684
45	23	96 827	39 718,214	980 128,727	24,677	24,215
46	24	96 620	38 856,161	940 410,512	24,202	23,741
47	25	96 392	38 004,422	901 554,351	23,722	23,261
48	26	96 146	37 163,940	863 549,929	23,236	22,775
49	27	95 872	36 331,643	826 385,988	22,746	22,284
50	28	95 567	35 505,782	790 054,346	22,251	21,790
51	29	95 227	34 685,700	754 548,564	21,754	21,292
52	30	94 850	33 870,933	719 862,864	21,253	20,792
53	31	94 427	33 058,810	685 991,931	20,751	20,289
54	32	93 954	32 248,223	652 933,121	20,247	19,785
55	33	93 422	31 437,052	620 684,897	19,744	19,282
56	34	92 837	30 627,370	589 247,846	19,239	18,778
57	35	92 188	29 816,925	558 620,476	18,735	18,273
58	36	91 474	29 005,979	528 803,551	18,231	17,769
59	37	90 686	28 192,356	499 797,571	17,728	17,267
60	38	89 833	27 379,544	471 605,216	17,225	16,763
61	39	88 896	26 562,759	444 225,672	16,724	16,262
62	40	87 881	25 744,625	417 662,912	16,223	15,762
63	41	86 772	24 921,333	391 918,288	15,726	15,265
64	42	85 583	24 097,737	366 996,955	15,230	14,768
65	43	84 296	23 270,029	342 899,218	14,736	14,274
66	44	82 921	22 441,544	319 629,189	14,243	13,781
67	45	81 465	21 615,157	297 187,645	13,749	13,287
68	46	79 907	20 785,988	275 572,488	13,258	12,796
69	47	78 279	19 963,224	254 786,500	12,763	12,301
70	48	76 522	19 132,582	234 823,275	12,273	11,812
71	49	74 696	18 309,858	215 690,693	11,780	11,318
72	50	72 728	17 477,937	197 380,835	11,293	10,832
73	51	70 693	16 655,641	179 902,899	10,801	10,340
74	52	68 513	15 825,678	163 247,258	10,315	9,854
75	53	66 229	14 998,001	147 421,579	9,829	9,368
76	54	63 838	14 173,066	132 423,578	9,343	8,882
77	55	61 287	13 339,993	118 250,512	8,864	8,403
78	56	58 602	12 505,470	104 910,519	8,389	7,928
79	57	55 737	11 660,937	92 405,049	7,924	7,463
80	58	52 717	10 812,734	80 744,113	7,468	7,006
81	59	49 526	9 959,091	69 931,379	7,022	6,560
82	60	46 112	9 090,754	59 972,288	6,597	6,135
83	61	42 536	8 221,357	50 881,534	6,189	5,727
84	62	38 849	7 361,445	42 660,177	5,795	5,333
85	63	35 059	6 512,975	35 298,731	5,420	4,958
86	64	31 177	5 678,275	28 785,756	5,069	4,608
87	65	27 301	4 874,960	23 107,481	4,740	4,278
88	66	23 506	4 114,937	18 232,521	4,431	3,969
89	67	19 835	3 404,252	14 117,584	4,147	3,685
90	68	16 403	2 760,017	10 713,332	3,882	3,420
91	69	13 284	2 191,430	7 953,315	3,629	3,168
92	70	10 517	1 700,866	5 761,886	3,388	2,926
93	71	8 044	1 275,422	4 061,020	3,184	2,722
94	72	6 003	933,076	2 785,598	2,985	2,524
95	73	4 317	657,884	1 852,522	2,816	2,354
96	74	3 014	450,341	1 194,637	2,653	2,191
97	75	2 006	293,841	744,296	2,533	2,071
98	76	1 305	187,441	450,455	2,403	1,942
99	77	816	114,920	263,014	2,289	1,827
100	78	491	67,773	148,094	2,185	1,724

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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23	0	99 216	62 918,408	2 103 623,181	33,434	32,973
24	1	98 877	61 474,144	2 040 704,773	33,196	32,735
25	2	98 806	60 225,213	1 979 230,629	32,864	32,402
26	3	98 750	59 011,138	1 919 005,416	32,519	32,058
27	4	98 695	57 821,547	1 859 994,278	32,168	31,706
28	5	98 640	56 656,189	1 802 172,731	31,809	31,347
29	6	98 583	55 513,406	1 745 516,542	31,443	30,982
30	7	98 523	54 391,705	1 690 003,136	31,071	30,609
31	8	98 463	53 292,789	1 635 611,431	30,691	30,229
32	9	98 396	52 212,016	1 582 318,642	30,306	29,844
33	10	98 327	51 152,668	1 530 106,626	29,913	29,451
34	11	98 250	50 110,050	1 478 953,958	29,514	29,053
35	12	98 166	49 085,898	1 428 843,908	29,109	28,647
36	13	98 080	48 081,046	1 379 758,010	28,697	28,235
37	14	97 986	47 093,330	1 331 676,964	28,277	27,816
38	15	97 881	46 120,439	1 284 583,634	27,853	27,391
39	16	97 765	45 162,345	1 238 463,195	27,422	26,961
40	17	97 642	44 220,974	1 193 300,849	26,985	26,523
41	18	97 508	43 294,339	1 149 079,876	26,541	26,080
42	19	97 358	42 380,466	1 105 785,537	26,092	25,630
43	20	97 201	41 482,361	1 063 405,071	25,635	25,174
44	21	97 033	40 598,855	1 021 922,710	25,171	24,710
45	22	96 843	39 724,682	981 323,855	24,703	24,242
46	23	96 638	38 863,155	941 599,173	24,229	23,767
47	24	96 410	38 011,262	902 736,018	23,749	23,288
48	25	96 164	37 171,011	864 724,756	23,263	22,802
49	26	95 890	36 338,481	827 553,745	22,773	22,312
50	27	95 588	35 513,424	791 215,263	22,279	21,818
51	28	95 249	34 693,875	755 701,840	21,782	21,320
52	29	94 874	33 879,700	721 007,964	21,281	20,820
53	30	94 457	33 069,297	687 128,264	20,778	20,317
54	31	93 983	32 258,353	654 058,967	20,276	19,814
55	32	93 454	31 447,827	621 800,615	19,772	19,311
56	33	92 870	30 638,410	590 352,788	19,268	18,807
57	34	92 225	29 829,035	559 714,378	18,764	18,302
58	35	91 512	29 017,939	529 885,343	18,261	17,799
59	36	90 728	28 205,288	500 867,404	17,758	17,296
60	37	89 876	27 392,546	472 662,116	17,255	16,794
61	38	88 950	26 578,793	445 269,570	16,753	16,291
62	39	87 934	25 760,110	418 690,777	16,253	15,792
63	40	86 832	24 938,433	392 930,667	15,756	15,294
64	41	85 646	24 115,589	367 992,234	15,260	14,798
65	42	84 363	23 288,515	343 876,645	14,766	14,304
66	43	82 996	22 461,941	320 588,130	14,273	13,811
67	44	81 544	21 636,156	298 126,189	13,779	13,317
68	45	79 999	20 809,966	276 490,033	13,286	12,825
69	46	78 374	19 987,559	255 680,067	12,792	12,330
70	47	76 627	19 158,836	235 692,507	12,302	11,840
71	48	74 815	18 339,091	216 533,671	11,807	11,346
72	49	72 856	17 508,543	198 194,580	11,320	10,858
73	50	70 824	16 686,565	180 686,037	10,828	10,367
74	51	68 660	15 859,661	163 999,473	10,341	9,879
75	52	66 384	15 033,073	148 139,812	9,854	9,393
76	53	64 002	14 209,551	133 106,739	9,367	8,906
77	54	61 465	13 378,640	118 897,188	8,887	8,425
78	55	58 793	12 546,188	105 518,548	8,410	7,949
79	56	55 938	11 702,797	92 972,360	7,944	7,483
80	57	52 925	10 855,331	81 269,563	7,487	7,025
81	58	49 742	10 002,596	70 414,232	7,040	6,578
82	59	46 330	9 133,741	60 411,635	6,614	6,153
83	60	42 762	8 264,963	51 277,895	6,204	5,743
84	61	39 071	7 403,541	43 012,932	5,810	5,348
85	62	35 275	6 553,175	35 609,391	5,434	4,972
86	63	31 389	5 716,857	29 056,216	5,083	4,621
87	64	27 507	4 911,664	23 339,358	4,752	4,290
88	65	23 695	4 147,998	18 427,694	4,443	3,981
89	66	20 011	3 434,344	14 279,696	4,158	3,696
90	67	16 560	2 786,439	10 845,352	3,892	3,431
91	68	13 425	2 214,607	8 058,914	3,639	3,177
92	69	10 640	1 720,748	5 844,307	3,396	2,935
93	70	8 147	1 291,695	4 123,558	3,192	2,731
94	71	6 086	946,039	2 831,863	2,993	2,532
95	72	4 382	667,776	1 885,824	2,824	2,362
96	73	3 064	457,857	1 218,048	2,660	2,199
97	74	2 042	299,179	760,190	2,541	2,079
98	75	1 331	191,116	461,011	2,412	1,951
99	76	834	117,453	269,895	2,298	1,836
100	77	503	69,425	152,442	2,196	1,734

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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24	0	99 175	61 659,451	2 042 095,253	33,119	32,657
25	1	98 830	60 240,149	1 980 435,801	32,876	32,414
26	2	98 763	59 018,470	1 920 195,652	32,536	32,074
27	3	98 705	57 827,510	1 861 177,182	32,185	31,723
28	4	98 649	56 661,611	1 803 349,672	31,827	31,365
29	5	98 592	55 518,352	1 746 688,061	31,461	31,000
30	6	98 532	54 396,517	1 691 169,710	31,090	30,628
31	7	98 468	53 295,265	1 636 773,192	30,711	30,250
32	8	98 403	52 215,654	1 583 477,927	30,326	29,864
33	9	98 333	51 155,797	1 531 262,273	29,933	29,472
34	10	98 255	50 112,981	1 480 106,476	29,535	29,074
35	11	98 174	49 089,694	1 429 993,495	29,130	28,669
36	12	98 088	48 084,822	1 380 903,801	28,718	28,256
37	13	97 996	47 097,767	1 332 818,979	28,299	27,837
38	14	97 890	46 124,692	1 285 721,212	27,875	27,413
39	15	97 777	45 167,841	1 239 596,519	27,444	26,983
40	16	97 656	44 227,486	1 194 428,678	27,006	26,545
41	17	97 521	43 300,235	1 150 201,192	26,563	26,102
42	18	97 377	42 388,817	1 106 900,957	26,113	25,651
43	19	97 218	41 489,613	1 064 512,140	25,657	25,196
44	20	97 051	40 606,362	1 023 022,527	25,194	24,732
45	21	96 859	39 731,233	982 416,165	24,727	24,265
46	22	96 653	38 869,483	942 684,932	24,253	23,791
47	23	96 427	38 018,104	903 815,449	23,773	23,312
48	24	96 181	37 177,701	865 797,345	23,288	22,826
49	25	95 909	36 345,395	828 619,644	22,798	22,337
50	26	95 605	35 520,108	792 274,248	22,305	21,843
51	27	95 270	34 701,343	756 754,140	21,808	21,346
52	28	94 897	33 887,686	722 052,797	21,307	20,846
53	29	94 481	33 077,857	688 165,112	20,804	20,343
54	30	94 013	32 268,586	655 087,255	20,301	19,839
55	31	93 484	31 457,705	622 818,669	19,799	19,337
56	32	92 902	30 648,911	591 360,965	19,295	18,833
57	33	92 258	29 839,787	560 712,054	18,791	18,329
58	34	91 549	29 029,725	530 872,266	18,287	17,826
59	35	90 765	28 216,917	501 842,542	17,785	17,324
60	36	89 917	27 405,111	473 625,625	17,282	16,821
61	37	88 992	26 591,415	446 220,513	16,781	16,319
62	38	87 987	25 775,659	419 629,098	16,280	15,818
63	39	86 884	24 953,434	393 853,439	15,784	15,322
64	40	85 705	24 132,136	368 900,005	15,287	14,825
65	41	84 426	23 305,767	344 767,869	14,793	14,332
66	42	83 062	22 479,784	321 462,102	14,300	13,838
67	43	81 618	21 655,821	298 982,318	13,806	13,344
68	44	80 076	20 830,184	277 326,497	13,314	12,852
69	45	78 464	20 010,616	256 496,313	12,818	12,356
70	46	76 720	19 182,190	236 485,697	12,328	11,867
71	47	74 918	18 364,256	217 303,506	11,833	11,371
72	48	72 972	17 536,497	198 939,251	11,344	10,883
73	49	70 948	16 715,785	181 402,754	10,852	10,391
74	50	68 788	15 889,107	164 686,969	10,365	9,903
75	51	66 526	15 065,353	148 797,862	9,877	9,415
76	52	64 152	14 242,779	133 732,509	9,389	8,928
77	53	61 623	13 413,080	119 489,730	8,908	8,447
78	54	58 963	12 582,535	106 076,650	8,430	7,969
79	55	56 120	11 740,902	93 494,114	7,963	7,502
80	56	53 114	10 894,300	81 753,213	7,504	7,043
81	57	49 938	10 042,002	70 858,913	7,056	6,595
82	58	46 532	9 173,641	60 816,910	6,630	6,168
83	59	42 964	8 304,045	51 643,270	6,219	5,757
84	60	39 278	7 442,809	43 339,225	5,823	5,361
85	61	35 477	6 590,649	35 896,416	5,447	4,985
86	62	31 582	5 752,144	29 305,767	5,095	4,633
87	63	27 694	4 945,037	23 553,624	4,763	4,301
88	64	23 873	4 179,228	18 608,586	4,453	3,991
89	65	20 171	3 461,937	14 429,358	4,168	3,706
90	66	16 707	2 811,069	10 967,421	3,902	3,440
91	67	13 553	2 235,808	8 156,352	3,648	3,186
92	68	10 752	1 738,948	5 920,544	3,405	2,943
93	69	8 242	1 306,795	4 181,596	3,200	2,738
94	70	6 164	958,110	2 874,802	3,000	2,539
95	71	4 443	677,053	1 916,692	2,831	2,369
96	72	3 110	464,742	1 239,638	2,667	2,206
97	73	2 077	304,173	774,896	2,548	2,086
98	74	1 355	194,588	470,724	2,419	1,957
99	75	851	119,756	276,135	2,306	1,844
100	76	514	70,955	156,380	2,204	1,742

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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25	0	99 128	60 421,737	1 981 719,860	32,798	32,337
26	1	98 787	59 033,107	1 921 298,122	32,546	32,085
27	2	98 717	57 834,695	1 862 265,016	32,200	31,738
28	3	98 659	56 667,455	1 804 430,321	31,842	31,381
29	4	98 601	55 523,665	1 747 762,866	31,478	31,016
30	5	98 541	54 401,363	1 692 239,202	31,107	30,645
31	6	98 476	53 299,980	1 637 837,838	30,729	30,267
32	7	98 407	52 218,080	1 584 537,859	30,345	29,883
33	8	98 340	51 159,362	1 532 319,778	29,952	29,490
34	9	98 261	50 116,047	1 481 160,416	29,555	29,093
35	10	98 180	49 092,566	1 431 044,370	29,150	28,688
36	11	98 095	48 088,541	1 381 951,804	28,738	28,276
37	12	98 003	47 101,466	1 333 863,263	28,319	27,857
38	13	97 900	46 129,038	1 286 761,797	27,895	27,433
39	14	97 786	45 172,006	1 240 632,759	27,465	27,003
40	15	97 668	44 232,868	1 195 460,753	27,027	26,565
41	16	97 535	43 306,612	1 151 227,885	26,583	26,122
42	17	97 391	42 394,589	1 107 921,274	26,134	25,672
43	18	97 237	41 497,789	1 065 526,684	25,677	25,215
44	19	97 068	40 613,461	1 024 028,895	25,214	24,752
45	20	96 877	39 738,580	983 415,434	24,747	24,286
46	21	96 669	38 875,894	943 676,854	24,274	23,812
47	22	96 443	38 024,295	904 800,960	23,795	23,334
48	23	96 199	37 184,393	866 776,666	23,310	22,849
49	24	95 926	36 351,936	829 592,273	22,821	22,360
50	25	95 624	35 526,866	793 240,337	22,328	21,866
51	26	95 288	34 707,875	757 713,470	21,831	21,370
52	27	94 917	33 894,979	723 005,596	21,331	20,869
53	28	94 504	33 085,653	689 110,616	20,828	20,366
54	29	94 038	32 276,938	656 024,963	20,325	19,863
55	30	93 513	31 467,684	623 748,025	19,822	19,360
56	31	92 931	30 658,538	592 280,341	19,319	18,857
57	32	92 290	29 850,015	561 621,804	18,815	18,353
58	33	91 582	29 040,189	531 771,789	18,312	17,850
59	34	90 802	28 228,378	502 731,600	17,809	17,348
60	35	89 954	27 416,410	474 503,222	17,307	16,846
61	36	89 033	26 603,613	447 086,812	16,805	16,344
62	37	88 029	25 787,900	420 483,199	16,305	15,844
63	38	86 937	24 968,496	394 695,299	15,808	15,346
64	39	85 757	24 146,652	369 726,803	15,312	14,850
65	40	84 484	23 321,759	345 580,152	14,818	14,356
66	41	83 124	22 496,438	322 258,393	14,325	13,863
67	42	81 683	21 673,024	299 761,955	13,831	13,369
68	43	80 149	20 849,116	278 088,931	13,338	12,877
69	44	78 541	20 030,057	257 239,815	12,843	12,381
70	45	76 809	19 204,318	237 209,758	12,352	11,890
71	46	75 009	18 386,642	218 005,439	11,857	11,395
72	47	73 072	17 560,560	199 618,798	11,367	10,906
73	48	71 061	16 742,473	182 058,238	10,874	10,412
74	49	68 908	15 916,931	165 315,764	10,386	9,925
75	50	66 650	15 093,324	149 398,834	9,898	9,437
76	51	64 289	14 273,363	134 305,510	9,410	8,948
77	52	61 767	13 444,446	120 032,147	8,928	8,466
78	53	59 115	12 614,926	106 587,701	8,449	7,988
79	54	56 282	11 774,916	93 972,775	7,981	7,519
80	55	53 287	10 929,772	82 197,859	7,521	7,059
81	56	50 118	10 078,051	71 268,087	7,072	6,610
82	57	46 716	9 209,781	61 190,036	6,644	6,182
83	58	43 152	8 340,320	51 980,255	6,232	5,771
84	59	39 464	7 478,003	43 639,935	5,836	5,374
85	60	35 665	6 625,605	36 161,932	5,458	4,996
86	61	31 763	5 785,037	29 536,327	5,106	4,644
87	62	27 865	4 975,560	23 751,290	4,774	4,312
88	63	24 035	4 207,625	18 775,730	4,462	4,001
89	64	20 323	3 488,002	14 568,105	4,177	3,715
90	65	16 841	2 833,655	11 080,104	3,910	3,449
91	66	13 673	2 255,571	8 246,449	3,656	3,194
92	67	10 855	1 755,595	5 990,878	3,412	2,951
93	68	8 329	1 320,616	4 235,283	3,207	2,745
94	69	6 236	969,310	2 914,667	3,007	2,545
95	70	4 499	685,692	1 945,357	2,837	2,375
96	71	3 154	471,198	1 259,665	2,673	2,212
97	72	2 108	308,746	788,467	2,554	2,092
98	73	1 378	197,836	479,720	2,425	1,963
99	74	866	121,932	281,884	2,312	1,850
100	75	524	72,346	159,953	2,211	1,749

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	3 611 326,211	36,113	35,651	50	50	94 053	30 917,546	607 606,676	19,652	19,190
1	1	99 344	97 158,249	3 511 326,211	36,140	35,678	51	51	93 566	30 080,845	576 689,129	19,171	18,709
2	2	99 292	94 970,475	3 414 167,962	35,950	35,488	52	52	93 020	29 247,208	546 608,285	18,689	18,227
3	3	99 264	92 854,624	3 319 197,487	35,746	35,284	53	53	92 419	28 418,732	517 361,077	18,205	17,743
4	4	99 243	90 792,111	3 226 342,863	35,535	35,073	54	54	91 749	27 591,795	488 942,345	17,721	17,259
5	5	99 223	88 776,286	3 135 550,752	35,320	34,858	55	55	90 997	26 763,647	461 350,549	17,238	16,776
6	6	99 204	86 806,318	3 046 774,467	35,099	34,637	56	56	90 166	25 935,510	434 586,902	16,756	16,294
7	7	99 187	84 880,928	2 959 968,149	34,872	34,410	57	57	89 251	25 107,583	408 651,392	16,276	15,814
8	8	99 174	83 002,125	2 875 087,221	34,639	34,177	58	58	88 249	24 279,397	383 543,809	15,797	15,335
9	9	99 158	81 163,075	2 792 085,096	34,401	33,939	59	59	87 149	23 449,021	359 264,412	15,321	14,859
10	10	99 144	79 365,884	2 710 922,021	34,157	33,695	60	60	85 963	22 621,105	335 815,391	14,845	14,383
11	11	99 130	77 608,756	2 631 556,138	33,908	33,446	61	61	84 669	21 790,256	313 194,286	14,373	13,911
12	12	99 115	75 889,241	2 553 947,382	33,654	33,192	62	62	83 277	20 960,292	291 404,029	13,903	13,441
13	13	99 101	74 208,369	2 478 058,141	33,393	32,931	63	63	81 777	20 130,030	270 443,737	13,435	12,973
14	14	99 082	72 561,627	2 403 849,771	33,128	32,666	64	64	80 171	19 300,428	250 313,707	12,969	12,507
15	15	99 059	70 948,746	2 331 288,145	32,859	32,397	65	65	78 438	18 467,657	231 013,279	12,509	12,047
16	16	99 031	69 367,993	2 260 339,399	32,585	32,123	66	66	76 613	17 641,017	212 545,622	12,048	11,586
17	17	98 992	67 814,782	2 190 971,406	32,308	31,846	67	67	74 681	16 817,667	194 904,605	11,589	11,127
18	18	98 951	66 295,275	2 123 156,623	32,026	31,564	68	68	72 641	15 998,448	178 086,939	11,132	10,669
19	19	98 894	64 798,842	2 056 861,349	31,742	31,280	69	69	70 502	15 185,695	162 088,490	10,674	10,212
20	20	98 837	63 336,677	1 992 062,507	31,452	30,990	70	70	68 217	14 370,194	146 902,795	10,223	9,761
21	21	98 777	61 904,764	1 928 725,830	31,156	30,694	71	71	65 856	13 567,423	132 532,601	9,768	9,306
22	22	98 720	60 508,042	1 866 821,066	30,852	30,390	72	72	63 353	12 764,609	118 965,178	9,320	8,858
23	23	98 659	59 140,093	1 806 313,024	30,543	30,081	73	73	60 780	11 976,766	106 200,569	8,867	8,405
24	24	98 601	57 804,629	1 747 172,932	30,225	29,763	74	74	58 064	11 189,749	94 223,804	8,421	7,959
25	25	98 537	56 495,632	1 689 368,302	29,903	29,441	75	75	55 255	10 414,141	83 034,055	7,973	7,511
26	26	98 475	55 217,750	1 632 872,670	29,572	29,110	76	76	52 370	9 653,256	72 619,914	7,523	7,061
27	27	98 411	53 967,752	1 577 654,920	29,233	28,771	77	77	49 336	8 893,863	62 966,658	7,080	6,618
28	28	98 344	52 744,469	1 523 687,168	28,888	28,426	78	78	46 202	8 145,614	54 072,795	6,638	6,176
29	29	98 274	51 546,673	1 470 942,698	28,536	28,074	79	79	42 891	7 395,426	45 927,180	6,210	5,748
30	30	98 197	50 373,058	1 419 396,025	28,178	27,716	80	80	39 447	6 651,930	38 531,755	5,793	5,331
31	31	98 111	49 221,333	1 369 022,967	27,814	27,352	81	81	35 864	5 914,674	31 879,825	5,390	4,928
32	32	98 019	48 093,470	1 319 801,634	27,442	26,980	82	82	32 118	5 180,320	25 965,151	5,012	4,550
33	33	97 924	46 989,253	1 271 708,164	27,064	26,602	83	83	28 314	4 466,238	20 784,831	4,654	4,192
34	34	97 817	45 905,088	1 224 718,911	26,679	26,217	84	84	24 532	3 784,593	16 318,593	4,312	3,850
35	35	97 702	44 842,190	1 178 813,823	26,288	25,826	85	85	20 824	3 141,815	12 534,000	3,989	3,527
36	36	97 583	43 802,200	1 133 971,633	25,888	25,426	86	86	17 225	2 541,609	9 392,185	3,695	3,233
37	37	97 455	42 781,894	1 090 169,434	25,482	25,020	87	87	13 872	2 001,903	6 850,576	3,422	2,960
38	38	97 313	41 779,646	1 047 387,539	25,069	24,607	88	88	10 836	1 529,382	4 848,673	3,170	2,708
39	39	97 150	40 792,041	1 005 607,893	24,652	24,190	89	89	8 172	1 127,894	3 319,290	2,943	2,481
40	40	96 984	39 826,020	964 815,852	24,226	23,764	90	90	5 939	801,665	2 191,397	2,734	2,272
41	41	96 797	38 874,769	924 989,831	23,794	23,332	91	91	4 144	547,043	1 389,732	2,540	2,078
42	42	96 597	37 940,517	886 115,063	23,355	22,893	92	92	2 762	356,666	842,689	2,363	1,901
43	43	96 381	37 022,769	848 174,546	22,910	22,448	93	93	1 739	219,539	486,023	2,214	1,752
44	44	96 145	36 119,508	811 151,776	22,457	21,995	94	94	1 041	128,497	266,484	2,074	1,612
45	45	95 879	35 226,964	775 032,269	22,001	21,539	95	95	585	70,622	137,987	1,954	1,492
46	46	95 581	34 344,699	739 805,304	21,541	21,079	96	96	310	36,636	67,365	1,839	1,377
47	47	95 257	33 474,946	705 460,605	21,074	20,612	97	97	150	17,344	30,729	1,772	1,310
48	48	94 901	32 616,057	671 985,659	20,603	20,141	98	98	70	7,888	13,385	1,697	1,235
49	49	94 498	31 762,926	639 369,601	20,129	19,667	99	99	31	3,387	5,497	1,623	1,161
							100	100	13	1,353	2,110	1,559	1,097

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 699	99 699,466	3 603 220,921	36,141	35,679	50	51	93 878	30 860,250	600 663,177	19,464	19,002
1	2	99 320	97 134,160	3 503 521,455	36,069	35,607	51	52	93 366	30 016,391	569 802,927	18,983	18,521
2	3	99 280	94 958,677	3 406 387,295	35,872	35,410	52	53	92 803	29 178,975	539 786,536	18,499	18,037
3	4	99 254	92 845,048	3 311 428,618	35,666	35,204	53	54	92 182	28 345,762	510 607,561	18,014	17,552
4	5	99 234	90 783,424	3 218 583,570	35,453	34,991	54	55	91 483	27 512,091	482 261,799	17,529	17,067
5	6	99 214	88 768,377	3 127 800,146	35,236	34,774	55	56	90 702	26 676,787	454 749,708	17,047	16,585
6	7	99 196	86 798,639	3 039 031,769	35,012	34,550	56	57	89 843	25 842,740	428 072,920	16,565	16,103
7	8	99 182	84 876,984	2 952 233,130	34,782	34,320	57	58	88 901	25 009,058	402 230,181	16,083	15,621
8	9	99 167	82 996,341	2 867 356,146	34,548	34,086	58	59	87 865	24 173,796	377 221,123	15,605	15,143
9	10	99 152	81 158,110	2 784 359,804	34,308	33,846	59	60	86 738	23 338,661	353 047,327	15,127	14,665
10	11	99 138	79 361,241	2 703 201,695	34,062	33,600	60	61	85 510	22 501,757	329 708,666	14,653	14,191
11	12	99 123	77 602,755	2 623 840,453	33,811	33,349	61	62	84 188	21 666,360	307 206,909	14,179	13,717
12	13	99 107	75 883,282	2 546 237,699	33,555	33,093	62	63	82 766	20 831,712	285 540,549	13,707	13,245
13	14	99 091	74 201,378	2 470 354,417	33,293	32,831	63	64	81 226	19 994,175	264 708,837	13,239	12,777
14	15	99 073	72 554,936	2 396 153,039	33,025	32,563	64	65	79 572	19 156,202	244 714,662	12,775	12,313
15	16	99 047	70 940,114	2 323 598,103	32,754	32,292	65	66	77 813	18 320,462	225 558,460	12,312	11,850
16	17	99 017	69 357,779	2 252 657,989	32,479	32,017	66	67	75 942	17 486,444	207 237,998	11,851	11,389
17	18	98 979	67 805,548	2 183 300,210	32,199	31,737	67	68	73 972	16 658,198	189 751,554	11,391	10,929
18	19	98 932	66 282,214	2 115 494,662	31,916	31,454	68	69	71 881	15 831,014	173 093,356	10,934	10,472
19	20	98 877	64 787,516	2 049 212,448	31,630	31,168	69	70	69 688	15 010,230	157 262,342	10,477	10,015
20	21	98 819	63 324,967	1 984 424,932	31,337	30,875	70	71	67 358	14 189,147	142 252,112	10,025	9,563
21	22	98 760	61 894,556	1 921 099,965	31,038	30,576	71	72	64 953	13 381,525	128 062,964	9,570	9,108
22	23	98 704	60 498,190	1 859 205,410	30,732	30,270	72	73	62 414	12 575,519	114 681,439	9,119	8,657
23	24	98 642	59 129,450	1 798 707,219	30,420	29,958	73	74	59 782	11 780,153	102 105,920	8,668	8,206
24	25	98 583	57 794,228	1 739 577,769	30,100	29,637	74	75	57 028	10 990,088	90 325,767	8,219	7,757
25	26	98 518	56 484,886	1 681 783,541	29,774	29,312	75	76	54 192	10 213,863	79 335,679	7,767	7,305
26	27	98 456	55 207,359	1 625 298,656	29,440	28,978	76	77	51 241	9 445,075	69 121,817	7,318	6,856
27	28	98 390	53 956,139	1 570 091,297	29,099	28,637	77	78	48 162	8 682,220	59 676,742	6,873	6,411
28	29	98 321	52 732,041	1 516 135,158	28,752	28,290	78	79	44 934	7 922,033	50 994,522	6,437	5,975
29	30	98 248	51 533,334	1 463 403,118	28,397	27,935	79	80	41 544	7 163,102	43 072,488	6,013	5,551
30	31	98 166	50 357,083	1 411 869,783	28,037	27,575	80	81	38 009	6 409,390	35 909,386	5,603	5,141
31	32	98 080	49 205,878	1 361 512,700	27,670	27,208	81	82	34 334	5 662,272	29 499,996	5,210	4,748
32	33	97 986	48 076,992	1 312 306,822	27,296	26,834	82	83	30 532	4 924,521	23 837,723	4,841	4,379
33	34	97 888	46 972,321	1 264 229,830	26,914	26,452	83	84	26 708	4 212,951	18 913,202	4,489	4,027
34	35	97 777	45 886,451	1 217 257,509	26,528	26,066	84	85	22 934	3 537,977	14 700,251	4,155	3,693
35	36	97 662	44 823,709	1 171 371,059	26,133	25,671	85	86	19 239	2 902,645	11 162,274	3,846	3,384
36	37	97 539	43 782,116	1 126 547,350	25,731	25,269	86	87	15 723	2 320,032	8 259,629	3,560	3,098
37	38	97 408	42 761,587	1 082 765,233	25,321	24,859	87	88	12 486	1 801,822	5 939,597	3,296	2,834
38	39	97 254	41 754,443	1 040 003,646	24,908	24,446	88	89	9 599	1 354,724	4 137,775	3,054	2,592
39	40	97 092	40 767,519	998 249,203	24,486	24,024	89	90	7 113	981,811	2 783,051	2,835	2,373
40	41	96 917	39 798,712	957 481,684	24,058	23,596	90	91	5 063	683,438	1 801,240	2,636	2,174
41	42	96 726	38 845,991	917 682,972	23,624	23,162	91	92	3 449	455,339	1 117,802	2,455	1,993
42	43	96 520	37 910,401	878 836,981	23,182	22,720	92	93	2 244	289,791	662,462	2,286	1,824
43	44	96 293	36 989,150	840 926,579	22,734	22,272	93	94	1 375	173,661	372,672	2,146	1,684
44	45	96 052	36 084,451	803 937,429	22,279	21,817	94	95	801	98,922	199,011	2,012	1,550
45	46	95 769	35 186,375	767 852,978	21,822	21,360	95	96	437	52,771	100,089	1,897	1,435
46	47	95 465	34 302,884	732 666,604	21,359	20,897	96	97	222	26,171	47,318	1,808	1,346
47	48	95 126	33 429,076	698 363,720	20,891	20,429	97	98	105	12,158	21,148	1,739	1,277
48	49	94 750	32 564,066	664 934,644	20,419	19,957	98	99	48	5,418	8,990	1,659	1,197
49	50	94 333	31 707,402	632 370,578	19,944	19,482	99	100	20	2,246	3,572	1,590	1,128

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 675	99 674,746	3 594 822,893	36,066	35,604	50	52	93 677	30 794,126	593 205,614	19,264	18,802
1	3	99 307	97 122,093	3 495 148,147	35,987	35,525	51	53	93 148	29 946,363	562 411,489	18,781	18,319
2	4	99 270	94 948,884	3 398 026,054	35,788	35,326	52	54	92 565	29 104,053	532 465,125	18,295	17,833
3	5	99 245	92 836,164	3 303 077,170	35,580	35,118	53	55	91 915	28 263,880	503 361,072	17,809	17,347
4	6	99 225	90 775,337	3 210 241,006	35,365	34,903	54	56	91 187	27 422,802	475 097,192	17,325	16,863
5	7	99 206	88 760,525	3 119 465,669	35,145	34,683	55	57	90 377	26 581,366	447 674,390	16,842	16,380
6	8	99 191	86 794,607	3 030 705,144	34,918	34,456	56	58	89 490	25 741,329	421 093,025	16,359	15,897
7	9	99 175	84 871,070	2 943 910,537	34,687	34,225	57	59	88 514	24 900,283	395 351,695	15,877	15,415
8	10	99 161	82 991,264	2 859 039,468	34,450	33,988	58	60	87 452	24 060,025	370 451,412	15,397	14,935
9	11	99 146	81 153,362	2 776 048,203	34,207	33,745	59	61	86 281	23 215,527	346 391,387	14,921	14,459
10	12	99 131	79 355,104	2 694 894,841	33,960	33,498	60	62	85 024	22 373,815	323 175,860	14,444	13,982
11	13	99 115	77 596,661	2 615 539,736	33,707	33,245	61	63	83 671	21 533,449	300 802,045	13,969	13,507
12	14	99 098	75 876,132	2 537 943,075	33,449	32,986	62	64	82 207	20 691,121	279 268,596	13,497	13,035
13	15	99 082	74 194,536	2 462 066,943	33,184	32,722	63	65	80 619	19 844,765	258 577,475	13,030	12,568
14	16	99 061	72 546,108	2 387 872,407	32,915	32,453	64	66	78 938	19 003,519	238 732,710	12,563	12,101
15	17	99 032	70 929,668	2 315 326,299	32,643	32,181	65	67	77 131	18 159,936	219 729,191	12,100	11,638
16	18	99 003	69 348,335	2 244 396,630	32,364	31,902	66	68	75 222	17 320,634	201 569,256	11,638	11,176
17	19	98 959	67 792,190	2 175 048,295	32,084	31,622	67	69	73 198	16 483,859	184 248,622	11,178	10,716
18	20	98 915	66 270,628	2 107 256,106	31,798	31,336	68	70	71 050	15 648,093	167 764,763	10,721	10,259
19	21	98 859	64 775,538	2 040 985,478	31,509	31,047	69	71	68 810	14 821,120	152 116,670	10,264	9,801
20	22	98 803	63 314,525	1 976 209,940	31,213	30,751	70	72	66 435	13 994,731	137 295,550	9,811	9,349
21	23	98 744	61 884,479	1 912 895,415	30,911	30,449	71	73	63 991	13 183,297	123 300,819	9,353	8,891
22	24	98 686	60 487,303	1 851 010,936	30,602	30,140	72	74	61 390	12 369,077	110 117,523	8,903	8,441
23	25	98 624	59 118,810	1 790 523,633	30,287	29,825	73	75	58 716	11 569,958	97 748,445	8,448	7,986
24	26	98 565	57 783,234	1 731 404,823	29,964	29,502	74	76	55 931	10 778,734	86 178,488	7,995	7,533
25	27	98 499	56 474,255	1 673 621,589	29,635	29,173	75	77	53 024	9 993,591	75 399,754	7,545	7,083
26	28	98 435	55 195,479	1 617 147,333	29,299	28,837	76	78	50 022	9 220,315	65 406,163	7,094	6,632
27	29	98 367	53 943,424	1 561 951,854	28,955	28,493	77	79	46 840	8 443,910	56 185,848	6,654	6,192
28	30	98 296	52 718,395	1 508 008,430	28,605	28,143	78	80	43 522	7 673,167	47 741,938	6,222	5,760
29	31	98 217	51 516,992	1 455 290,035	28,249	27,787	79	81	40 029	6 901,925	40 068,771	5,805	5,343
30	32	98 135	50 341,271	1 403 773,043	27,885	27,423	80	82	36 387	6 135,877	33 166,846	5,405	4,943
31	33	98 046	49 189,018	1 353 431,772	27,515	27,053	81	83	32 638	5 382,675	27 030,969	5,022	4,560
32	34	97 951	48 059,668	1 304 242,754	27,138	26,676	82	84	28 801	4 645,244	21 648,294	4,660	4,198
33	35	97 849	46 953,250	1 256 183,085	26,754	26,292	83	85	24 968	3 938,422	17 003,050	4,317	3,855
34	36	97 737	45 867,539	1 209 229,835	26,364	25,902	84	86	21 188	3 268,650	13 064,628	3,997	3,535
35	37	97 617	44 803,157	1 163 362,295	25,966	25,504	85	87	17 561	2 649,593	9 795,978	3,697	3,235
36	38	97 492	43 761,335	1 118 559,138	25,560	25,098	86	88	14 152	2 088,155	7 146,385	3,422	2,960
37	39	97 350	42 735,791	1 074 797,803	25,150	24,688	87	89	11 060	1 596,050	5 058,230	3,169	2,707
38	40	97 196	41 729,342	1 032 062,012	24,732	24,270	88	90	8 356	1 179,263	3 462,180	2,936	2,474
39	41	97 025	40 739,565	990 332,670	24,309	23,847	89	91	6 064	837,018	2 282,917	2,727	2,265
40	42	96 846	39 769,250	949 593,105	23,878	23,416	90	92	4 214	568,870	1 445,899	2,542	2,080
41	43	96 649	38 815,157	909 823,854	23,440	22,978	91	93	2 802	369,962	877,029	2,371	1,909
42	44	96 432	37 875,976	871 008,697	22,996	22,534	92	94	1 775	229,232	507,066	2,212	1,750
43	45	96 200	36 953,249	833 132,721	22,546	22,084	93	95	1 059	133,690	277,834	2,078	1,616
44	46	95 941	36 042,873	796 179,472	22,090	21,628	94	96	599	73,917	144,144	1,950	1,488
45	47	95 652	35 143,535	760 136,599	21,629	21,167	95	97	312	37,697	70,228	1,863	1,401
46	48	95 334	34 255,879	724 993,064	21,164	20,702	96	98	155	18,345	32,531	1,773	1,311
47	49	94 975	33 375,788	690 737,185	20,696	20,234	97	99	72	8,351	14,186	1,699	1,237
48	50	94 584	32 507,141	657 361,397	20,222	19,760	98	100	32	3,592	5,835	1,624	1,162
49	51	94 158	31 648,642	624 854,256	19,743	19,281							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 662	99 662,364	3 585 833,104	35,980	35,518
1	4	99 297	97 112,077	3 486 170,740	35,898	35,436
2	5	99 260	94 939,799	3 389 058,663	35,697	35,235
3	6	99 236	92 827,894	3 294 118,864	35,486	35,024
4	7	99 216	90 767,307	3 201 290,970	35,269	34,807
5	8	99 201	88 756,402	3 110 523,663	35,046	34,584
6	9	99 184	86 788,558	3 021 767,262	34,818	34,356
7	10	99 169	84 865,878	2 934 978,703	34,584	34,122
8	11	99 155	82 986,410	2 850 112,825	34,344	33,882
9	12	99 139	81 147,087	2 767 126,416	34,100	33,638
10	13	99 123	79 348,873	2 685 979,329	33,850	33,388
11	14	99 106	77 589,350	2 606 630,455	33,595	33,133
12	15	99 089	75 869,136	2 529 041,105	33,334	32,872
13	16	99 070	74 185,509	2 453 171,969	33,068	32,606
14	17	99 046	72 535,426	2 378 986,460	32,798	32,336
15	18	99 019	70 920,010	2 306 451,034	32,522	32,060
16	19	98 984	69 334,672	2 235 531,023	32,243	31,781
17	20	98 942	67 780,340	2 166 196,351	31,959	31,497
18	21	98 896	66 258,376	2 098 416,011	31,670	31,208
19	22	98 842	64 764,857	2 032 157,635	31,377	30,915
20	23	98 787	63 304,217	1 967 392,778	31,078	30,616
21	24	98 726	61 873,342	1 904 088,562	30,774	30,312
22	25	98 669	60 476,419	1 842 215,220	30,462	30,000
23	26	98 605	59 107,564	1 781 738,801	30,144	29,682
24	27	98 546	57 772,360	1 722 631,237	29,818	29,356
25	28	98 478	56 462,103	1 664 858,877	29,486	29,024
26	29	98 412	55 182,473	1 608 396,774	29,147	28,685
27	30	98 341	53 929,465	1 553 214,301	28,801	28,339
28	31	98 265	52 701,677	1 499 284,836	28,449	27,987
29	32	98 186	51 500,815	1 446 583,159	28,089	27,627
30	33	98 101	50 324,023	1 395 082,344	27,722	27,260
31	34	98 011	49 171,294	1 344 758,321	27,348	26,886
32	35	97 911	48 040,156	1 295 587,027	26,969	26,507
33	36	97 808	46 933,900	1 247 546,871	26,581	26,119
34	37	97 692	45 846,509	1 200 612,971	26,188	25,726
35	38	97 570	44 781,891	1 154 766,462	25,786	25,324
36	39	97 433	43 734,936	1 109 984,571	25,380	24,918
37	40	97 291	42 710,101	1 066 249,635	24,965	24,503
38	41	97 129	41 700,728	1 023 539,534	24,545	24,083
39	42	96 954	40 709,407	981 838,806	24,118	23,656
40	43	96 769	39 737,683	941 129,399	23,684	23,222
41	44	96 561	38 779,910	901 391,716	23,244	22,782
42	45	96 339	37 839,215	862 611,805	22,797	22,335
43	46	96 089	36 910,671	824 772,591	22,345	21,883
44	47	95 824	35 998,990	787 861,920	21,886	21,424
45	48	95 521	35 095,377	751 862,930	21,423	20,961
46	49	95 182	34 201,273	716 767,552	20,957	20,495
47	50	94 809	33 317,445	682 566,279	20,487	20,025
48	51	94 409	32 446,899	649 248,834	20,010	19,548
49	52	93 956	31 580,828	616 801,935	19,531	19,069
50	53	93 459	30 722,284	585 221,107	19,049	18,587
51	54	92 909	29 869,471	554 498,823	18,564	18,102
52	55	92 297	29 019,981	524 629,352	18,078	17,616
53	56	91 617	28 172,151	495 609,372	17,592	17,130
54	57	90 860	27 324,712	467 437,221	17,107	16,645
55	58	90 023	26 477,057	440 112,509	16,622	16,160
56	59	89 101	25 629,370	413 635,452	16,139	15,677
57	60	88 098	24 783,094	388 006,083	15,656	15,194
58	61	86 990	23 933,085	363 222,989	15,177	14,715
59	62	85 790	23 083,526	339 289,904	14,698	14,236
60	63	84 502	22 236,564	316 206,377	14,220	13,758
61	64	83 106	21 388,122	293 969,813	13,745	13,283
62	65	81 593	20 536,503	272 581,691	13,273	12,811
63	66	79 976	19 686,593	252 045,188	12,803	12,341
64	67	78 246	18 837,008	232 358,595	12,335	11,873
65	68	76 400	17 987,739	213 521,587	11,870	11,408
66	69	74 434	17 139,362	195 533,848	11,408	10,946
67	70	72 353	16 293,394	178 394,486	10,949	10,487
68	71	70 155	15 450,946	162 101,091	10,491	10,029
69	72	67 867	14 618,044	146 650,146	10,032	9,570
70	73	65 451	13 787,419	132 032,102	9,576	9,114
71	74	62 941	12 966,878	118 244,683	9,119	8,657
72	75	60 294	12 148,374	105 277,805	8,666	8,204
73	76	57 586	11 347,451	93 129,432	8,207	7,745
74	77	54 725	10 546,280	81 781,980	7,755	7,293
75	78	51 762	9 755,779	71 235,700	7,302	6,840
76	79	48 649	8 967,236	61 479,922	6,856	6,394
77	80	45 369	8 178,649	52 512,686	6,421	5,959
78	81	41 936	7 393,392	44 334,036	5,996	5,534
79	82	38 321	6 607,393	36 940,645	5,591	5,129
80	83	34 590	5 832,894	30 333,252	5,200	4,738
81	84	30 787	5 077,416	24 500,358	4,825	4,363
82	85	26 924	4 342,546	19 422,942	4,473	4,011
83	86	23 067	3 638,611	15 080,397	4,145	3,683
84	87	19 341	2 983,689	11 441,786	3,835	3,373
85	88	15 806	2 384,778	8 458,096	3,547	3,085
86	89	12 536	1 849,684	6 073,319	3,283	2,821
87	90	9 628	1 389,333	4 223,635	3,040	2,578
88	91	7 123	1 005,350	2 834,302	2,819	2,357
89	92	5 048	696,705	1 828,952	2,625	2,163
90	93	3 424	462,206	1 132,248	2,450	1,988
91	94	2 217	292,650	670,041	2,290	1,828
92	95	1 367	176,471	377,392	2,139	1,677
93	96	791	99,896	200,921	2,011	1,549
94	97	428	52,802	101,025	1,913	1,451
95	98	219	26,425	48,223	1,825	1,363
96	99	107	12,601	21,798	1,730	1,268
97	100	48	5,537	9,197	1,661	1,199

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 652	99 652,086	3 576 217,952	35,887	35,425
1	5	99 288	97 102,785	3 476 565,866	35,803	35,341
2	6	99 251	94 931,342	3 379 463,081	35,599	35,137
3	7	99 227	92 819,683	3 284 531,739	35,386	34,924
4	8	99 212	90 763,090	3 191 712,056	35,165	34,703
5	9	99 194	88 750,217	3 100 948,966	34,940	34,478
6	10	99 178	86 783,249	3 012 198,750	34,709	34,247
7	11	99 163	84 860,914	2 925 415,500	34,473	34,011
8	12	99 147	82 979,993	2 840 554,586	34,232	33,770
9	13	99 131	81 140,715	2 757 574,594	33,985	33,523
10	14	99 114	79 341,397	2 676 433,879	33,733	33,271
11	15	99 097	77 582,196	2 597 092,481	33,475	33,013
12	16	99 077	75 859,905	2 519 510,285	33,213	32,751
13	17	99 055	74 174,586	2 443 650,380	32,945	32,483
14	18	99 032	72 525,550	2 369 475,794	32,671	32,209
15	19	98 999	70 906,038	2 296 950,245	32,394	31,932
16	20	98 966	69 322,553	2 226 044,207	32,111	31,649
17	21	98 924	67 767,809	2 156 721,654	31,825	31,363
18	22	98 880	66 247,450	2 088 953,845	31,533	31,071
19	23	98 826	64 754,312	2 022 706,395	31,237	30,775
20	24	98 769	63 292,824	1 957 952,082	30,935	30,473
21	25	98 709	61 862,209	1 894 659,258	30,627	30,165
22	26	98 650	60 464,915	1 832 797,050	30,312	29,850
23	27	98 587	59 096,440	1 772 332,135	29,991	29,528
24	28	98 525	57 759,928	1 713 235,694	29,661	29,199
25	29	98 455	56 448,798	1 655 475,766	29,327	28,865
26	30	98 386	55 168,193	1 599 026,968	28,985	28,523
27	31	98 310	53 912,363	1 543 858,775	28,636	28,174
28	32	98 234	52 685,128	1 489 946,412	28,280	27,818
29	33	98 153	51 483,170	1 437 261,284	27,917	27,455
30	34	98 066	50 305,890	1 385 778,114	27,547	27,085
31	35	97 971	49 151,331	1 335 472,225	27,171	26,709
32	36	97 870	48 020,357	1 286 320,894	26,787	26,325
33	37	97 764	46 912,380	1 238 300,536	26,396	25,934
34	38	97 646	45 824,748	1 191 388,156	25,999	25,537
35	39	97 512	44 754,876	1 145 563,409	25,596	25,134
36	40	97 375	43 708,644	1 100 808,532	25,185	24,723
37	41	97 224	42 680,815	1 057 099,888	24,768	24,306
38	42	97 057	41 669,859	1 014 419,073	24,344	23,882
39	43	96 877	40 677,094	972 749,214	23,914	23,452
40	44	96 681	39 701,599	932 072,120	23,477	23,015
41	45	96 468	38 742,271	892 370,521	23,034	22,571
42	46	96 228	37 795,615	853 628,250	22,585	22,123
43	47	95 972	36 865,731	815 832,635	22,130	21,668
44	48	95 693	35 949,661	778 966,904	21,668	21,206
45	49	95 369	35 039,434	743 017,243	21,205	20,743
46	50	95 016	34 141,487	707 977,809	20,737	20,275
47	51	94 633	33 255,701	673 836,322	20,262	19,800
48	52	94 206	32 377,375	640 580,621	19,785	19,323
49	53	93 737	31 507,151	608 203,246	19,304	18,842
50	54	93 219	30 643,399	576 696,095	18,820	18,358
51	55	92 640	29 783,187	546 052,696	18,334	17,872
52	56	91 998	28 925,798	516 269,509	17,848	17,386
53	57	91 289	28 071,380	487 343,711	17,361	16,899
54	58	90 504	27 217,486	459 272,331	16,874	16,412
55	59	89 631	26 361,897	432 054,845	16,389	15,927
56	60	88 682	25 508,749	405 692,948	15,904	15,442
57	61	87 633	24 652,339	380 184,199	15,422	14,960
58	62	86 496	23 797,005	355 531,860	14,940	14,478
59	63	85 264	22 941,922	331 734,855	14,460	13,998
60	64	83 932	22 086,492	308 792,933	13,981	13,519
61	65	82 485	21 228,295	286 706,442	13,506	13,044
62	66	80 943	20 372,818	265 478,146	13,031	12,569
63	67	79 275	19 514,097	245 105,328	12,560	12,098
64	68	77 504	18 658,391	225 591,231	12,091	11,629
65	69	75 600	17 799,486	206 932,840	11,626	11,164
66	70	73 574	16 941,324	189 133,354	11,164	10,702
67	71	71 441	16 088,117	172 192,031	10,703	10,241
68	72	69 194	15 239,240	156 103,914	10,244	9,782
69	73	66 862	14 401,498	140 864,673	9,781	9,319
70	74	64 376	13 561,082	126 463,175	9,325	8,863
71	75	61 818	12 735,507	112 902,093	8,865	8,403
72	76	59 135	11 914,744	100 166,585	8,407	7,945
73	77	56 345	11 102,733	88 251,842	7,949	7,487
74	78	53 423	10 295,316	77 149,109	7,494	7,032
75	79	50 341	9 488,002	66 853,793	7,046	6,584
76	80	47 120	8 685,535	57 365,791	6,605	6,143
77	81	43 715	7 880,444	48 680,256	6,177	5,715
78	82	40 146	7 077,887	40 799,813	5,764	5,302
79	83	36 428	6 281,127	33 721,926	5,369	4,907
80	84	32 628	5 502,102	27 440,799	4,987	4,525
81	85	28 781	4 746,555	21 938,697	4,622	4,160
82	86	24 874	4 011,971	17 192,141	4,285	3,823
83	87	21 056	3 321,397	13 180,171	3,968	3,506
84	88	17 408	2 685,483	9 858,774	3,671	3,209
85	89	14 001	2 112,432	7 173,291	3,396	2,934
86	90	10 912	1 610,116	5 060,859	3,143	2,681
87	91	8 208	1 184,440	3 450,743	2,913	2,451
88	92	5 929	836,819	2 266,304	2,708	2,246
89	93	4 101	566,071	1 429,485	2,525	2,063
90	94	2 708	365,617	863,414	2,362	1,900
91	95	1 707	225,292	497,797	2,210	1,748
92	96	1 021	131,863	272,505	2,067	1,605
93	97	565	71,361	140,642	1,971	1,509
94	98	300	37,013	69,281	1,872	1,410
95	99	150	18,151	32,268	1,778	1,316
96	100	71	8,355	14,117	1,690	1,228

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 643	99 642,551	3 565 956,406	35,787	35,325
1	6	99 279	97 094,135	3 466 313,855	35,701	35,239
2	7	99 243	94 922,944	3 369 219,720	35,494	35,032
3	8	99 222	92 815,371	3 274 296,776	35,278	34,816
4	9	99 205	90 756,765	3 181 481,405	35,055	34,593
5	10	99 188	88 744,788	3 090 724,640	34,827	34,365
6	11	99 172	86 778,173	3 001 979,853	34,594	34,132
7	12	99 156	84 854,352	2 915 201,680	34,355	33,893
8	13	99 139	82 973,477	2 830 347,328	34,111	33,649
9	14	99 121	81 133,070	2 747 373,851	33,863	33,401
10	15	99 104	79 334,082	2 666 240,781	33,608	33,146
11	16	99 084	77 572,757	2 586 906,699	33,348	32,886
12	17	99 062	75 848,735	2 509 333,942	33,083	32,621
13	18	99 042	74 164,486	2 433 485,207	32,812	32,350
14	19	99 013	72 511,261	2 359 320,721	32,537	32,075
15	20	98 982	70 893,644	2 286 809,461	32,257	31,795
16	21	98 948	69 309,737	2 215 915,816	31,971	31,509
17	22	98 907	67 756,634	2 146 606,080	31,681	31,219
18	23	98 864	66 236,665	2 078 849,445	31,385	30,923
19	24	98 808	64 742,659	2 012 612,781	31,086	30,624
20	25	98 751	63 281,435	1 947 870,122	30,781	30,319
21	26	98 690	61 850,441	1 884 588,686	30,470	30,008
22	27	98 631	60 453,536	1 822 738,246	30,151	29,689
23	28	98 565	59 083,724	1 762 284,710	29,827	29,365
24	29	98 502	57 746,317	1 703 200,986	29,495	29,033
25	30	98 429	56 434,191	1 645 454,669	29,157	28,695
26	31	98 355	55 150,698	1 589 020,478	28,812	28,350
27	32	98 279	53 895,434	1 533 869,780	28,460	27,998
28	33	98 200	52 667,077	1 479 974,346	28,101	27,639
29	34	98 117	51 464,619	1 427 307,269	27,734	27,272
30	35	98 026	50 285,466	1 375 842,650	27,361	26,899
31	36	97 931	49 131,074	1 325 557,185	26,980	26,518
32	37	97 826	47 998,340	1 276 426,111	26,593	26,131
33	38	97 717	46 890,113	1 228 427,771	26,198	25,736
34	39	97 587	45 797,104	1 181 537,658	25,799	25,337
35	40	97 453	44 727,972	1 135 740,554	25,392	24,930
36	41	97 308	43 678,674	1 091 012,582	24,978	24,516
37	42	97 152	42 649,220	1 047 333,908	24,557	24,095
38	43	96 980	41 636,783	1 004 684,688	24,130	23,668
39	44	96 789	40 640,156	963 047,905	23,697	23,235
40	45	96 587	39 663,065	922 407,749	23,256	22,794
41	46	96 356	38 697,631	882 744,684	22,811	22,349
42	47	96 111	37 749,598	844 047,053	22,359	21,897
43	48	95 841	36 815,214	806 297,454	21,901	21,439
44	49	95 541	35 892,355	769 482,240	21,439	20,977
45	50	95 202	34 978,182	733 589,885	20,973	20,511
46	51	94 840	34 078,216	698 611,703	20,500	20,038
47	52	94 430	33 184,444	664 533,487	20,025	19,563
48	53	93 987	32 301,840	631 349,043	19,545	19,083
49	54	93 496	31 426,251	599 047,203	19,062	18,600
50	55	92 949	30 554,880	567 620,952	18,577	18,115
51	56	92 340	29 686,527	537 066,072	18,091	17,629
52	57	91 669	28 822,331	507 379,545	17,604	17,142
53	58	90 931	27 961,224	478 557,213	17,115	16,653
54	59	90 110	27 099,106	450 595,989	16,628	16,166
55	60	89 209	26 237,829	423 496,883	16,141	15,679
56	61	88 214	25 374,166	397 259,055	15,656	15,194
57	62	87 135	24 512,169	371 884,889	15,171	14,709
58	63	85 965	23 651,023	347 372,720	14,687	14,225
59	64	84 689	22 787,089	323 721,697	14,206	13,744
60	65	83 304	21 921,447	300 934,608	13,728	13,266
61	66	81 828	21 059,096	279 013,161	13,249	12,787
62	67	80 233	20 194,309	257 954,065	12,774	12,312
63	68	78 524	19 329,060	237 759,755	12,301	11,839
64	69	76 693	18 463,118	218 430,695	11,831	11,369
65	70	74 727	17 593,820	199 967,576	11,366	10,904
66	71	72 647	16 727,883	182 373,757	10,902	10,440
67	72	70 462	15 867,681	165 645,874	10,439	9,977
68	73	68 169	15 013,493	149 778,192	9,976	9,514
69	74	65 764	14 165,081	134 764,700	9,514	9,052
70	75	63 228	13 319,109	120 599,619	9,055	8,593
71	76	60 629	12 490,586	107 280,509	8,589	8,127
72	77	57 860	11 657,791	94 789,923	8,131	7,669
73	78	55 004	10 838,527	83 132,132	7,670	7,208
74	79	51 956	10 012,730	72 293,605	7,220	6,758
75	80	48 760	9 189,941	62 280,876	6,777	6,315
76	81	45 402	8 368,847	53 090,934	6,344	5,882
77	82	41 849	7 544,155	44 722,087	5,928	5,466
78	83	38 164	6 728,388	37 177,932	5,526	5,064
79	84	34 362	5 924,915	30 449,544	5,139	4,677
80	85	30 502	5 143,568	24 524,629	4,768	4,306
81	86	26 590	4 385,225	19 381,061	4,420	3,958
82	87	22 706	3 662,207	14 995,836	4,095	3,633
83	88	18 952	2 989,438	11 333,628	3,791	3,329
84	89	15 420	2 378,795	8 344,190	3,508	3,046
85	90	12 188	1 838,834	5 965,395	3,244	2,782
86	91	9 303	1 372,663	4 126,561	3,006	2,544
87	92	6 832	985,887	2 753,898	2,793	2,331
88	93	4 818	679,914	1 768,012	2,600	2,138
89	94	3 244	447,777	1 088,098	2,430	1,968
90	95	2 085	281,465	640,321	2,275	1,813
91	96	1 275	168,343	358,857	2,132	1,670
92	97	730	94,196	190,513	2,023	1,561
93	98	396	50,022	96,317	1,925	1,463
94	99	206	25,424	46,295	1,821	1,359
95	100	100	12,034	20,871	1,734	1,272

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 634	99 633,675	3 555 031,248	35,681	35,219
1	7	99 270	97 085,546	3 455 397,573	35,591	35,129
2	8	99 238	94 918,534	3 358 312,027	35,381	34,919
3	9	99 216	92 808,903	3 263 393,493	35,163	34,700
4	10	99 199	90 751,213	3 170 584,590	34,937	34,475
5	11	99 182	88 739,596	3 079 833,376	34,706	34,244
6	12	99 165	86 771,463	2 991 093,780	34,471	34,009
7	13	99 148	84 847,689	2 904 322,317	34,230	33,768
8	14	99 130	82 965,659	2 819 474,629	33,984	33,522
9	15	99 112	81 125,589	2 736 508,969	33,732	33,270
10	16	99 092	79 324,429	2 655 383,380	33,475	33,013
11	17	99 070	77 561,335	2 576 058,950	33,213	32,751
12	18	99 049	75 838,407	2 498 497,616	32,945	32,483
13	19	99 022	74 149,874	2 422 659,208	32,672	32,210
14	20	98 996	72 498,587	2 348 509,334	32,394	31,932
15	21	98 964	70 880,537	2 276 010,748	32,111	31,649
16	22	98 932	69 298,308	2 205 130,210	31,821	31,359
17	23	98 891	67 745,603	2 135 831,903	31,527	31,065
18	24	98 846	66 224,744	2 068 086,300	31,228	30,766
19	25	98 791	64 731,009	2 001 861,555	30,926	30,464
20	26	98 732	63 269,398	1 937 130,546	30,617	30,155
21	27	98 671	61 838,801	1 873 861,148	30,302	29,840
22	28	98 610	60 440,527	1 812 022,347	29,980	29,518
23	29	98 542	59 069,801	1 751 581,820	29,653	29,191
24	30	98 476	57 731,374	1 692 512,019	29,317	28,855
25	31	98 398	56 416,294	1 634 780,645	28,977	28,515
26	32	98 324	55 133,380	1 578 364,351	28,628	28,166
27	33	98 246	53 876,968	1 523 230,971	28,272	27,810
28	34	98 165	52 648,099	1 469 354,002	27,909	27,447
29	35	98 077	51 443,724	1 416 705,903	27,539	27,077
30	36	97 986	50 264,741	1 365 262,179	27,161	26,699
31	37	97 886	49 108,547	1 314 997,438	26,777	26,315
32	38	97 779	47 975,557	1 265 888,890	26,386	25,924
33	39	97 658	46 861,826	1 217 913,333	25,989	25,527
34	40	97 528	45 769,573	1 171 051,507	25,586	25,124
35	41	97 386	44 697,302	1 125 281,934	25,176	24,714
36	42	97 236	43 646,340	1 080 584,631	24,758	24,296
37	43	97 075	42 615,367	1 036 938,291	24,332	23,870
38	44	96 892	41 598,974	994 322,925	23,903	23,441
39	45	96 695	40 600,712	952 723,950	23,466	23,004
40	46	96 476	39 617,364	912 123,238	23,023	22,561
41	47	96 239	38 650,516	872 505,874	22,574	22,112
42	48	95 979	37 697,870	833 855,358	22,119	21,657
43	49	95 688	36 756,529	796 157,488	21,660	21,198
44	50	95 374	35 829,613	759 400,959	21,195	20,733
45	51	95 026	34 913,361	723 571,346	20,725	20,263
46	52	94 636	34 005,197	688 657,986	20,252	19,790
47	53	94 210	33 107,026	654 652,789	19,774	19,312
48	54	93 745	32 218,899	621 545,763	19,291	18,829
49	55	93 226	31 335,470	589 326,864	18,807	18,345
50	56	92 648	30 455,715	557 991,394	18,321	17,859
51	57	92 009	29 580,340	527 535,678	17,834	17,372
52	58	91 309	28 709,229	497 955,339	17,345	16,883
53	59	90 536	27 839,609	469 246,110	16,855	16,393
54	60	89 686	26 971,568	441 406,501	16,366	15,904
55	61	88 739	26 099,399	414 434,933	15,879	15,417
56	62	87 712	25 229,891	388 335,534	15,392	14,930
57	63	86 600	24 361,800	363 105,643	14,905	14,443
58	64	85 385	23 491,405	338 743,843	14,420	13,958
59	65	84 056	22 616,809	315 252,437	13,939	13,477
60	66	82 640	21 746,723	292 635,629	13,457	12,995
61	67	81 111	20 874,574	270 888,905	12,977	12,515
62	68	79 473	20 002,823	250 014,331	12,499	12,037
63	69	77 702	19 126,769	230 011,509	12,026	11,564
64	70	75 807	18 249,785	210 884,740	11,555	11,093
65	71	73 785	17 372,159	192 634,956	11,089	10,627
66	72	71 652	16 498,682	175 262,797	10,623	10,161
67	73	69 418	15 632,624	158 764,115	10,156	9,694
68	74	67 050	14 767,029	143 131,491	9,693	9,231
69	75	64 591	13 912,331	128 364,462	9,227	8,765
70	76	62 012	13 062,965	114 452,132	8,762	8,300
71	77	59 321	12 221,215	101 389,167	8,296	7,834
72	78	56 483	11 380,377	89 167,952	7,835	7,373
73	79	53 494	10 541,031	77 787,576	7,380	6,917
74	80	50 324	9 698,185	67 246,545	6,934	6,472
75	81	46 982	8 854,862	57 548,360	6,499	6,037
76	82	43 465	8 011,716	48 693,497	6,078	5,616
77	83	39 783	7 171,632	40 681,781	5,673	5,211
78	84	35 999	6 346,812	33 510,149	5,280	4,818
79	85	32 123	5 538,829	27 163,337	4,904	4,442
80	86	28 180	4 752,015	21 624,508	4,551	4,089
81	87	24 272	4 002,922	16 872,493	4,215	3,753
82	88	20 436	3 296,186	12 869,571	3,904	3,442
83	89	16 787	2 648,038	9 573,385	3,615	3,153
84	90	13 423	2 070,699	6 925,347	3,344	2,882
85	91	10 390	1 567,650	4 854,648	3,097	2,635
86	92	7 743	1 142,557	3 286,998	2,877	2,415
87	93	5 551	801,031	2 144,441	2,677	2,215
88	94	3 811	537,829	1 343,410	2,498	2,036
89	95	2 497	344,714	805,581	2,337	1,875
90	96	1 558	210,317	460,867	2,191	1,729
91	97	911	120,256	250,550	2,083	1,621
92	98	511	66,030	130,294	1,973	1,511
93	99	272	34,360	64,265	1,870	1,408
94	100	136	16,857	29,905	1,774	1,312

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 625	99 624,861	3 543 427,719	35,568	35,106
1	8	99 265	97 081,036	3 443 802,858	35,473	35,011
2	9	99 231	94 911,920	3 346 721,822	35,261	34,799
3	10	99 209	92 803,226	3 251 809,902	35,040	34,578
4	11	99 193	90 745,905	3 159 006,676	34,812	34,350
5	12	99 175	88 732,734	3 068 260,771	34,579	34,117
6	13	99 157	86 764,649	2 979 528,037	34,340	33,878
7	14	99 138	84 839,695	2 892 763,388	34,097	33,635
8	15	99 121	82 958,010	2 807 923,693	33,848	33,386
9	16	99 100	81 115,719	2 724 965,684	33,594	33,132
10	17	99 078	79 312,749	2 643 849,964	33,334	32,872
11	18	99 056	77 550,774	2 564 537,215	33,069	32,607
12	19	99 029	75 823,466	2 486 986,442	32,800	32,338
13	20	99 005	74 136,913	2 411 162,976	32,523	32,061
14	21	98 977	72 485,183	2 337 026,063	32,241	31,779
15	22	98 948	70 868,849	2 264 540,879	31,954	31,492
16	23	98 916	69 287,026	2 193 672,030	31,661	31,199
17	24	98 873	67 733,411	2 124 385,005	31,364	30,902
18	25	98 828	66 212,828	2 056 651,594	31,061	30,599
19	26	98 772	64 718,696	1 990 438,765	30,755	30,293
20	27	98 714	63 257,491	1 925 720,070	30,443	29,981
21	28	98 650	61 825,494	1 862 462,579	30,125	29,662
22	29	98 587	60 426,285	1 800 637,085	29,799	29,337
23	30	98 517	59 054,516	1 740 210,800	29,468	29,006
24	31	98 445	57 713,066	1 681 156,284	29,130	28,668
25	32	98 367	56 398,579	1 623 443,218	28,785	28,323
26	33	98 291	55 114,490	1 567 044,639	28,433	27,971
27	34	98 210	53 857,555	1 511 930,149	28,073	27,611
28	35	98 125	52 626,724	1 458 072,594	27,706	27,244
29	36	98 037	51 422,523	1 405 445,870	27,331	26,869
30	37	97 941	50 241,695	1 354 023,347	26,950	26,488
31	38	97 839	49 085,237	1 303 781,652	26,562	26,100
32	39	97 720	47 946,616	1 254 696,415	26,169	25,707
33	40	97 599	46 833,656	1 206 749,799	25,767	25,305
34	41	97 461	45 738,189	1 159 916,143	25,360	24,898
35	42	97 314	44 664,215	1 114 177,954	24,946	24,484
36	43	97 159	43 611,695	1 069 513,740	24,524	24,062
37	44	96 987	42 576,669	1 025 902,045	24,095	23,633
38	45	96 798	41 558,599	983 325,375	23,661	23,199
39	46	96 583	40 553,930	941 766,776	23,223	22,761
40	47	96 358	39 569,129	901 212,846	22,776	22,314
41	48	96 107	38 597,553	861 643,716	22,324	21,862
42	49	95 826	37 637,778	823 046,163	21,868	21,406
43	50	95 521	36 692,276	785 408,385	21,405	20,943
44	51	95 197	35 763,213	748 716,110	20,935	20,473
45	52	94 822	34 838,552	712 952,896	20,464	20,002
46	53	94 416	33 925,864	678 114,344	19,988	19,526
47	54	93 968	33 022,018	644 188,481	19,508	19,046
48	55	93 475	32 125,829	611 166,463	19,024	18,562
49	56	92 924	31 233,773	579 040,634	18,539	18,077
50	57	92 316	30 346,777	547 806,862	18,052	17,590
51	58	91 648	29 464,263	517 460,085	17,562	17,100
52	59	90 912	28 584,360	487 995,822	17,072	16,610
53	60	90 109	27 708,586	459 411,462	16,580	16,118
54	61	89 213	26 829,267	431 702,876	16,091	15,629
55	62	88 234	25 951,001	404 873,609	15,601	15,139
56	63	87 174	25 075,120	378 922,608	15,111	14,649
57	64	86 016	24 197,385	353 847,488	14,623	14,161
58	65	84 747	23 315,862	329 650,103	14,138	13,676
59	66	83 386	22 436,543	306 334,242	13,653	13,191
60	67	81 916	21 556,176	283 897,699	13,170	12,708
61	68	80 342	20 676,637	262 341,523	12,688	12,226
62	69	78 641	19 793,480	241 664,886	12,209	11,747
63	70	76 804	18 905,766	221 871,407	11,736	11,274
64	71	74 852	18 019,859	202 965,640	11,263	10,801
65	72	72 774	17 134,129	184 945,781	10,794	10,332
66	73	70 591	16 254,277	167 811,651	10,324	9,862
67	74	68 279	15 375,997	151 557,375	9,857	9,395
68	75	65 854	14 503,538	136 181,378	9,390	8,928
69	76	63 348	13 644,778	121 677,840	8,918	8,456
70	77	60 674	12 781,249	108 033,062	8,452	7,990
71	78	57 910	11 930,393	95 251,813	7,984	7,522
72	79	54 932	11 068,008	83 321,420	7,528	7,066
73	80	51 814	10 209,890	72 253,412	7,077	6,615
74	81	48 489	9 344,575	62 043,522	6,640	6,178
75	82	44 977	8 476,991	52 698,948	6,217	5,755
76	83	41 319	7 616,106	44 221,957	5,806	5,344
77	84	37 526	6 764,918	36 605,850	5,411	4,949
78	85	33 653	5 933,234	29 840,932	5,029	4,567
79	86	29 678	5 117,188	23 907,698	4,672	4,210
80	87	25 723	4 337,735	18 790,511	4,332	3,870
81	88	21 846	3 602,848	14 452,776	4,011	3,549
82	89	18 102	2 919,755	10 849,929	3,716	3,254
83	90	14 613	2 305,070	7 930,174	3,440	2,978
84	91	11 443	1 765,320	5 625,104	3,186	2,724
85	92	8 649	1 304,858	3 859,784	2,958	2,496
86	93	6 291	928,326	2 554,926	2,752	2,290
87	94	4 391	633,636	1 626,600	2,567	2,105
88	95	2 934	414,040	992,964	2,398	1,936
89	96	1 866	257,578	578,925	2,248	1,786
90	97	1 113	150,239	321,346	2,139	1,677
91	98	639	84,297	171,107	2,030	1,568
92	99	351	45,355	86,810	1,914	1,452
93	100	180	22,782	41,456	1,820	1,358

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 620	99 620,233	3 531 133,919	35,446	34,984
1	9	99 258	97 074,271	3 431 513,686	35,349	34,887
2	10	99 225	94 906,114	3 334 439,415	35,134	34,672
3	11	99 204	92 797,797	3 239 533,301	34,910	34,448
4	12	99 185	90 738,888	3 146 735,504	34,679	34,217
5	13	99 167	88 725,767	3 055 996,616	34,443	33,981
6	14	99 148	86 756,475	2 967 270,850	34,202	33,740
7	15	99 129	84 831,872	2 880 514,375	33,956	33,494
8	16	99 109	82 947,916	2 795 682,503	33,704	33,242
9	17	99 086	81 103,775	2 712 734,587	33,448	32,986
10	18	99 064	79 301,950	2 631 630,812	33,185	32,723
11	19	99 037	77 535,495	2 552 328,862	32,918	32,456
12	20	99 012	75 810,213	2 474 793,367	32,645	32,183
13	21	98 987	74 123,207	2 398 983,154	32,365	31,903
14	22	98 961	72 473,230	2 324 859,947	32,079	31,617
15	23	98 931	70 857,311	2 252 386,717	31,788	31,326
16	24	98 898	69 274,556	2 181 529,406	31,491	31,029
17	25	98 856	67 721,223	2 112 254,849	31,190	30,728
18	26	98 810	66 200,233	2 044 533,626	30,884	30,422
19	27	98 753	64 706,516	1 978 333,393	30,574	30,112
20	28	98 693	63 243,879	1 913 626,877	30,258	29,796
21	29	98 627	61 810,925	1 850 382,999	29,936	29,474
22	30	98 561	60 410,648	1 788 572,073	29,607	29,145
23	31	98 485	59 035,788	1 728 161,425	29,273	28,811
24	32	98 414	57 694,944	1 669 125,637	28,930	28,468
25	33	98 334	56 379,255	1 611 430,693	28,582	28,120
26	34	98 255	55 094,630	1 555 051,437	28,225	27,763
27	35	98 170	53 835,689	1 499 956,807	27,862	27,400
28	36	98 084	52 605,035	1 446 121,118	27,490	27,028
29	37	97 992	51 398,946	1 393 516,083	27,112	26,650
30	38	97 894	50 217,847	1 342 117,138	26,726	26,264
31	39	97 780	49 055,627	1 291 899,290	26,335	25,873
32	40	97 661	47 917,793	1 242 843,664	25,937	25,475
33	41	97 533	46 801,542	1 194 925,871	25,532	25,070
34	42	97 389	45 704,331	1 148 124,329	25,121	24,659
35	43	97 237	44 628,762	1 102 419,998	24,702	24,240
36	44	97 071	43 572,093	1 057 791,236	24,277	23,815
37	45	96 893	42 535,345	1 014 219,143	23,844	23,382
38	46	96 687	41 510,714	971 683,798	23,408	22,946
39	47	96 466	40 504,555	930 173,084	22,965	22,503
40	48	96 226	39 514,908	889 668,528	22,515	22,053
41	49	95 954	38 536,027	850 153,621	22,061	21,599
42	50	95 658	37 571,984	811 617,594	21,602	21,140
43	51	95 344	36 624,278	774 045,610	21,135	20,673
44	52	94 993	35 686,584	737 421,332	20,664	20,202
45	53	94 601	34 757,275	701 734,748	20,190	19,728
46	54	94 173	33 838,753	666 977,474	19,710	19,248
47	55	93 696	32 926,627	633 138,720	19,229	18,767
48	56	93 171	32 021,566	600 212,093	18,744	18,282
49	57	92 591	31 122,051	568 190,527	18,257	17,795
50	58	91 954	30 227,692	537 068,477	17,767	17,305
51	59	91 250	29 336,110	506 840,785	17,277	16,815
52	60	90 484	28 449,832	477 504,674	16,784	16,322
53	61	89 634	27 562,397	449 054,842	16,292	15,830
54	62	88 706	26 676,719	421 492,445	15,800	15,338
55	63	87 693	25 791,806	394 815,727	15,308	14,846
56	64	86 586	24 905,890	369 023,921	14,817	14,355
57	65	85 373	24 016,566	344 118,030	14,328	13,866
58	66	84 071	23 130,024	320 101,464	13,839	13,377
59	67	82 655	22 239,951	296 971,441	13,353	12,891
60	68	81 140	21 351,776	274 731,489	12,867	12,405
61	69	79 501	20 460,242	253 379,714	12,384	11,922
62	70	77 732	19 564,774	232 919,472	11,905	11,443
63	71	75 836	18 667,577	213 354,698	11,429	10,967
64	72	73 826	17 772,955	194 687,121	10,954	10,492
65	73	71 696	16 880,311	176 914,166	10,481	10,018
66	74	69 432	15 987,444	160 033,855	10,010	9,548
67	75	67 060	15 101,640	144 046,411	9,538	9,076
68	76	64 587	14 224,615	128 944,771	9,065	8,603
69	77	61 982	13 350,515	114 720,156	8,593	8,131
70	78	59 231	12 477,101	101 369,640	8,124	7,662
71	79	56 320	11 602,927	88 892,540	7,661	7,199
72	80	53 207	10 720,312	77 289,613	7,210	6,748
73	81	49 924	9 837,622	66 569,300	6,767	6,305
74	82	46 420	8 945,806	56 731,678	6,342	5,880
75	83	42 756	8 058,406	47 785,873	5,930	5,468
76	84	38 975	7 184,186	39 727,466	5,530	5,068
77	85	35 081	6 324,095	32 543,281	5,146	4,684
78	86	31 092	5 481,568	26 219,186	4,783	4,321
79	87	27 091	4 671,071	20 737,617	4,440	3,978
80	88	23 152	3 904,198	16 066,546	4,115	3,653
81	89	19 351	3 191,395	12 162,349	3,811	3,349
82	90	15 758	2 541,594	8 970,954	3,530	3,068
83	91	12 458	1 965,127	6 429,359	3,272	2,810
84	92	9 525	1 469,392	4 464,232	3,038	2,576
85	93	7 027	1 060,194	2 994,840	2,825	2,363
86	94	4 977	734,329	1 934,646	2,635	2,173
87	95	3 380	487,795	1 200,317	2,461	1,999
88	96	2 192	309,380	712,521	2,303	1,841
89	97	1 333	184,000	403,142	2,191	1,729
90	98	780	105,315	219,141	2,081	1,619
91	99	439	57,902	113,826	1,966	1,504
92	100	233	30,072	55,924	1,860	1,398

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 613	99 613,291	3 518 135,776	35,318	34,856
1	10	99 252	97 068,333	3 418 522,485	35,218	34,756
2	11	99 219	94 900,563	3 321 454,153	34,999	34,537
3	12	99 196	92 790,621	3 226 553,590	34,772	34,310
4	13	99 177	90 731,763	3 133 762,969	34,539	34,077
5	14	99 157	88 717,408	3 043 031,206	34,300	33,838
6	15	99 138	86 748,475	2 954 313,798	34,056	33,594
7	16	99 117	84 821,551	2 867 565,323	33,807	33,345
8	17	99 094	82 935,703	2 782 743,773	33,553	33,091
9	18	99 072	81 092,732	2 699 808,070	33,293	32,831
10	19	99 045	79 286,326	2 618 715,338	33,029	32,567
11	20	99 020	77 521,942	2 539 429,013	32,758	32,296
12	21	98 994	75 796,197	2 461 907,070	32,481	32,019
13	22	98 970	74 110,984	2 386 110,873	32,196	31,734
14	23	98 945	72 461,431	2 311 999,889	31,907	31,445
15	24	98 914	70 844,560	2 239 538,458	31,612	31,150
16	25	98 880	69 262,091	2 168 693,898	31,311	30,849
17	26	98 837	67 708,341	2 099 431,807	31,007	30,545
18	27	98 791	66 187,774	2 031 723,466	30,696	30,234
19	28	98 732	64 692,592	1 965 535,692	30,383	29,921
20	29	98 669	63 228,976	1 900 843,100	30,063	29,601
21	30	98 601	61 794,931	1 837 614,124	29,737	29,275
22	31	98 530	60 391,490	1 775 819,193	29,405	28,943
23	32	98 454	59 017,251	1 715 427,703	29,067	28,605
24	33	98 380	57 675,176	1 656 410,452	28,720	28,258
25	34	98 298	56 358,940	1 598 735,276	28,367	27,905
26	35	98 215	55 072,262	1 542 376,336	28,006	27,544
27	36	98 130	53 813,501	1 487 304,073	27,638	27,176
28	37	98 039	52 580,916	1 433 490,572	27,263	26,801
29	38	97 945	51 374,548	1 380 909,656	26,879	26,417
30	39	97 835	50 187,553	1 329 535,108	26,491	26,029
31	40	97 722	49 026,137	1 279 347,555	26,095	25,633
32	41	97 594	47 884,936	1 230 321,417	25,693	25,231
33	42	97 460	46 766,897	1 182 436,482	25,284	24,822
34	43	97 312	45 668,053	1 135 669,585	24,868	24,406
35	44	97 149	44 588,236	1 090 001,532	24,446	23,984
36	45	96 976	43 529,803	1 045 413,296	24,016	23,554
37	46	96 781	42 486,334	1 001 883,493	23,581	23,119
38	47	96 569	41 460,174	959 397,159	23,140	22,678
39	48	96 334	40 449,052	917 936,985	22,694	22,232
40	49	96 073	39 451,919	877 487,933	22,242	21,780
41	50	95 786	38 468,663	838 036,014	21,785	21,323
42	51	95 481	37 502,356	799 567,351	21,320	20,858
43	52	95 139	36 545,803	762 064,995	20,852	20,390
44	53	94 771	35 603,328	725 519,192	20,378	19,916
45	54	94 358	34 668,029	689 915,864	19,901	19,439
46	55	93 901	33 741,003	655 247,835	19,420	18,958
47	56	93 392	32 819,766	621 506,831	18,937	18,475
48	57	92 838	31 907,026	588 687,066	18,450	17,988
49	58	92 228	30 999,924	556 780,040	17,961	17,499
50	59	91 554	30 096,219	525 780,116	17,470	17,008
51	60	90 820	29 198,044	495 683,897	16,977	16,515
52	61	90 007	28 299,732	466 485,853	16,484	16,022
53	62	89 124	27 405,680	438 186,121	15,989	15,527
54	63	88 162	26 513,072	410 780,441	15,494	15,031
55	64	87 101	25 617,740	384 267,369	15,000	14,538
56	65	85 939	24 719,777	358 649,629	14,509	14,047
57	66	84 692	23 825,143	333 929,852	14,016	13,554
58	67	83 335	22 927,356	310 104,709	13,526	13,064
59	68	81 871	22 029,067	287 177,353	13,036	12,574
60	69	80 290	21 128,315	265 148,285	12,549	12,087
61	70	78 582	20 223,832	244 019,970	12,066	11,604
62	71	76 753	19 318,281	223 796,138	11,585	11,123
63	72	74 797	18 411,798	204 477,857	11,106	10,644
64	73	72 733	17 509,674	186 066,059	10,626	10,164
65	74	70 519	16 603,201	168 556,385	10,152	9,690
66	75	68 193	15 702,177	151 953,184	9,677	9,215
67	76	65 771	14 811,215	136 251,007	9,199	8,737
68	77	63 194	13 917,848	121 439,792	8,725	8,263
69	78	60 507	13 032,820	107 521,944	8,250	7,788
70	79	57 605	12 134,629	94 489,124	7,787	7,325
71	80	54 551	11 238,427	82 354,496	7,328	6,866
72	81	51 267	10 329,434	71 116,068	6,885	6,423
73	82	47 794	9 417,813	60 786,635	6,454	5,992
74	83	44 128	8 504,071	51 368,822	6,040	5,578
75	84	40 331	7 601,402	42 864,751	5,639	5,177
76	85	36 436	6 716,042	35 263,348	5,251	4,789
77	86	32 411	5 842,676	28 547,307	4,886	4,424
78	87	28 381	5 003,685	22 704,631	4,538	4,076
79	88	24 383	4 204,219	17 700,946	4,210	3,748
80	89	20 508	3 458,330	13 496,728	3,903	3,441
81	90	16 845	2 778,052	10 038,397	3,613	3,151
82	91	13 434	2 166,770	7 260,345	3,351	2,889
83	92	10 370	1 635,704	5 093,575	3,114	2,652
84	93	7 739	1 193,878	3 457,871	2,896	2,434
85	94	5 559	838,641	2 263,993	2,700	2,238
86	95	3 831	565,312	1 425,352	2,521	2,059
87	96	2 526	364,492	860,039	2,360	1,898
88	97	1 566	221,005	495,548	2,242	1,780
89	98	934	128,981	274,543	2,129	1,667
90	99	536	72,339	145,562	2,012	1,550
91	100	291	38,391	73,223	1,907	1,445

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	10	99 607	99 607,197	3 504 427,559	35,182	34,720
1	11	99 247	97 062,655	3 404 820,362	35,079	34,617
2	12	99 211	94 893,224	3 307 757,707	34,858	34,396
3	13	99 188	92 783,335	3 212 864,483	34,628	34,166
4	14	99 168	90 723,214	3 120 081,148	34,391	33,929
5	15	99 148	88 709,227	3 029 357,933	34,149	33,687
6	16	99 126	86 737,921	2 940 648,706	33,903	33,441
7	17	99 103	84 809,061	2 853 910,785	33,651	33,189
8	18	99 081	82 924,410	2 769 101,724	33,393	32,931
9	19	99 053	81 076,755	2 686 177,315	33,131	32,669
10	20	99 027	79 272,467	2 605 100,559	32,863	32,401
11	21	99 001	77 507,610	2 525 828,092	32,588	32,126
12	22	98 977	75 783,698	2 448 320,482	32,307	31,845
13	23	98 954	74 098,918	2 372 536,784	32,019	31,556
14	24	98 927	72 448,391	2 298 437,865	31,725	31,263
15	25	98 896	70 831,812	2 225 989,475	31,426	30,964
16	26	98 861	69 248,916	2 155 157,663	31,122	30,660
17	27	98 818	67 695,599	2 085 908,747	30,813	30,351
18	28	98 770	66 173,532	2 018 213,148	30,499	30,037
19	29	98 709	64 677,348	1 952 039,617	30,181	29,719
20	30	98 644	63 212,614	1 887 362,269	29,857	29,395
21	31	98 570	61 775,334	1 824 149,655	29,529	29,067
22	32	98 499	60 372,527	1 762 374,321	29,192	28,730
23	33	98 421	58 997,029	1 702 001,793	28,849	28,387
24	34	98 345	57 654,394	1 643 004,764	28,497	28,035
25	35	98 258	56 336,059	1 585 350,370	28,141	27,679
26	36	98 175	55 049,565	1 529 014,311	27,775	27,313
27	37	98 085	53 788,828	1 473 964,746	27,403	26,941
28	38	97 993	52 555,958	1 420 175,918	27,022	26,560
29	39	97 886	51 343,557	1 367 619,960	26,637	26,175
30	40	97 776	50 157,383	1 316 276,404	26,243	25,781
31	41	97 655	48 992,520	1 266 119,020	25,843	25,381
32	42	97 522	47 849,489	1 217 126,500	25,437	24,975
33	43	97 383	46 729,775	1 169 277,012	25,022	24,560
34	44	97 223	45 626,583	1 122 547,237	24,603	24,141
35	45	97 054	44 544,960	1 076 920,654	24,176	23,714
36	46	96 865	43 479,646	1 032 375,694	23,744	23,282
37	47	96 664	42 434,607	988 896,048	23,304	22,842
38	48	96 437	41 403,361	946 461,441	22,860	22,398
39	49	96 180	40 384,574	905 058,080	22,411	21,949
40	50	95 905	39 382,954	864 673,506	21,956	21,494
41	51	95 609	38 397,373	825 290,552	21,493	21,031
42	52	95 277	37 422,000	786 893,179	21,028	20,566
43	53	94 917	36 460,543	749 471,179	20,556	20,094
44	54	94 528	35 511,910	713 010,636	20,078	19,616
45	55	94 085	34 567,884	677 498,726	19,599	19,137
46	56	93 596	33 631,499	642 930,842	19,117	18,655
47	57	93 058	32 702,371	609 299,343	18,632	18,170
48	58	92 474	31 781,819	576 596,973	18,142	17,680
49	59	91 827	30 865,092	544 815,154	17,651	17,189
50	60	91 123	29 954,576	513 950,062	17,158	16,696
51	61	90 341	29 043,996	483 995,486	16,664	16,202
52	62	89 495	28 138,823	454 951,490	16,168	15,706
53	63	88 578	27 237,562	426 812,667	15,670	15,208
54	64	87 567	26 334,138	399 575,105	15,173	14,711
55	65	86 450	25 426,307	373 240,967	14,679	14,217
56	66	85 254	24 522,749	347 814,660	14,183	13,721
57	67	83 950	23 616,385	323 291,911	13,689	13,227
58	68	82 545	22 709,954	299 675,526	13,196	12,734
59	69	81 014	21 798,518	276 965,572	12,706	12,244
60	70	79 363	20 884,186	255 167,054	12,218	11,756
61	71	77 592	19 969,036	234 282,868	11,732	11,270
62	72	75 701	19 053,586	214 313,832	11,248	10,786
63	73	73 689	18 139,053	195 260,246	10,765	10,303
64	74	71 539	17 222,232	177 121,193	10,284	9,822
65	75	69 261	16 306,948	159 898,960	9,806	9,344
66	76	66 881	15 400,203	143 592,013	9,324	8,862
67	77	64 352	14 491,797	128 191,810	8,846	8,384
68	78	61 690	13 586,652	113 700,013	8,369	7,906
69	79	58 846	12 675,095	100 113,361	7,898	7,436
70	80	55 795	11 753,426	87 438,266	7,439	6,977
71	81	52 562	10 828,658	75 684,840	6,989	6,527
72	82	49 079	9 888,637	64 856,183	6,559	6,097
73	83	45 434	8 952,771	54 967,546	6,140	5,678
74	84	41 625	8 021,793	46 014,775	5,736	5,274
75	85	37 703	7 106,071	37 992,982	5,347	4,885
76	86	33 662	6 204,785	30 886,911	4,978	4,516
77	87	29 585	5 333,311	24 682,126	4,628	4,166
78	88	25 545	4 503,589	19 348,815	4,296	3,834
79	89	21 598	3 724,088	14 845,226	3,986	3,524
80	90	17 852	3 010,415	11 121,137	3,694	3,232
81	91	14 361	2 368,356	8 110,722	3,425	2,963
82	92	11 182	1 803,545	5 742,367	3,184	2,722
83	93	8 425	1 329,007	3 938,822	2,964	2,502
84	94	6 122	944,388	2 609,815	2,763	2,301
85	95	4 279	645,615	1 665,427	2,580	2,118
86	96	2 863	422,414	1 019,812	2,414	1,952
87	97	1 804	260,374	597,398	2,294	1,832
88	98	1 098	154,920	337,024	2,175	1,713
89	99	642	88,595	182,104	2,055	1,593
90	100	355	47,963	93,509	1,950	1,488

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 601	99 601,371	3 490 001,841	35,040	34,578
1	12	99 239	97 055,149	3 390 400,470	34,933	34,471
2	13	99 204	94 885,773	3 293 345,321	34,709	34,247
3	14	99 179	92 774,594	3 198 459,548	34,476	34,014
4	15	99 159	90 714,849	3 105 684,954	34,236	33,774
5	16	99 136	88 698,434	3 014 970,105	33,991	33,529
6	17	99 112	86 725,149	2 926 271,671	33,742	33,280
7	18	99 089	84 797,513	2 839 546,522	33,486	33,024
8	19	99 061	82 908,072	2 754 749,009	33,227	32,765
9	20	99 035	81 062,584	2 671 840,937	32,960	32,498
10	21	99 009	79 257,811	2 590 778,353	32,688	32,226
11	22	98 985	77 494,829	2 511 520,542	32,409	31,947
12	23	98 961	75 771,360	2 434 025,712	32,123	31,661
13	24	98 937	74 085,583	2 358 254,352	31,831	31,369
14	25	98 909	72 435,355	2 284 168,769	31,534	31,072
15	26	98 877	70 818,338	2 211 733,414	31,231	30,769
16	27	98 843	69 235,884	2 140 915,076	30,922	30,460
17	28	98 797	67 681,032	2 071 679,193	30,609	30,147
18	29	98 746	66 157,938	2 003 998,161	30,291	29,829
19	30	98 683	64 660,611	1 937 840,223	29,969	29,507
20	31	98 613	63 192,568	1 873 179,611	29,642	29,180
21	32	98 539	61 755,936	1 809 987,044	29,309	28,847
22	33	98 465	60 351,842	1 748 231,107	28,967	28,505
23	34	98 385	58 975,771	1 687 879,266	28,620	28,158
24	35	98 305	57 630,987	1 628 903,495	28,264	27,802
25	36	98 218	56 312,841	1 571 272,508	27,903	27,441
26	37	98 130	55 024,325	1 514 959,667	27,533	27,071
27	38	98 038	53 763,296	1 459 935,342	27,155	26,693
28	39	97 934	52 524,253	1 406 172,046	26,772	26,310
29	40	97 828	51 312,692	1 353 647,792	26,380	25,918
30	41	97 709	50 122,991	1 302 335,101	25,983	25,521
31	42	97 582	48 956,253	1 252 212,110	25,578	25,116
32	43	97 445	47 811,508	1 203 255,857	25,167	24,705
33	44	97 295	46 687,341	1 155 444,350	24,749	24,287
34	45	97 129	45 582,299	1 108 757,009	24,324	23,862
35	46	96 942	44 493,634	1 063 174,710	23,895	23,433
36	47	96 747	43 426,709	1 018 681,076	23,457	22,995
37	48	96 531	42 376,459	975 254,367	23,014	22,552
38	49	96 283	41 337,362	932 877,908	22,567	22,105
39	50	96 012	40 313,979	891 540,546	22,115	21,653
40	51	95 727	39 309,970	851 226,567	21,654	21,192
41	52	95 404	38 315,099	811 916,598	21,191	20,728
42	53	95 054	37 334,695	773 601,499	20,721	20,259
43	54	94 674	36 366,924	736 266,803	20,246	19,783
44	55	94 255	35 409,327	699 899,879	19,766	19,304
45	56	93 780	34 455,696	664 490,552	19,285	18,823
46	57	93 262	33 511,200	630 034,856	18,801	18,339
47	58	92 693	32 574,042	596 523,656	18,313	17,851
48	59	92 071	31 643,587	563 949,614	17,822	17,360
49	60	91 395	30 719,830	532 306,028	17,328	16,866
50	61	90 642	29 796,536	501 586,198	16,834	16,372
51	62	89 827	28 878,856	471 789,661	16,337	15,875
52	63	88 946	27 966,207	442 910,805	15,837	15,375
53	64	87 980	27 053,738	414 944,598	15,338	14,876
54	65	86 912	26 137,352	387 890,860	14,840	14,378
55	66	85 761	25 223,648	361 753,508	14,342	13,880
56	67	84 507	24 307,878	336 529,860	13,844	13,382
57	68	83 154	23 392,449	312 221,982	13,347	12,885
58	69	81 681	22 472,279	288 829,533	12,853	12,391
59	70	80 078	21 546,645	266 357,254	12,362	11,900
60	71	78 363	20 621,070	244 810,609	11,872	11,410
61	72	76 529	19 695,425	224 189,539	11,383	10,921
62	73	74 580	18 771,335	204 494,114	10,894	10,432
63	74	72 479	17 841,279	185 722,780	10,410	9,948
64	75	70 262	16 914,933	167 881,500	9,925	9,463
65	76	67 929	15 993,343	150 966,567	9,439	8,977
66	77	65 439	15 068,083	134 973,225	8,958	8,496
67	78	62 821	14 146,943	119 905,142	8,476	8,014
68	79	59 997	13 213,725	105 758,199	8,004	7,542
69	80	56 998	12 276,913	92 544,473	7,538	7,076
70	81	53 761	11 324,878	80 267,560	7,088	6,626
71	82	50 319	10 366,557	68 942,682	6,650	6,188
72	83	46 655	9 400,346	58 576,125	6,231	5,769
73	84	42 857	8 445,046	49 175,778	5,823	5,361
74	85	38 913	7 499,068	40 730,732	5,431	4,969
75	86	34 833	6 565,124	33 231,664	5,062	4,600
76	87	30 727	5 663,852	26 666,541	4,708	4,246
77	88	26 628	4 800,271	21 002,689	4,375	3,913
78	89	22 627	3 989,270	16 202,418	4,061	3,599
79	90	18 801	3 241,752	12 213,147	3,767	3,305
80	91	15 219	2 566,450	8 971,395	3,496	3,034
81	92	11 953	1 971,338	6 404,945	3,249	2,787
82	93	9 085	1 465,377	4 433,607	3,026	2,564
83	94	6 665	1 051,278	2 968,230	2,823	2,361
84	95	4 713	727,023	1 916,952	2,637	2,175
85	96	3 197	482,418	1 189,929	2,467	2,005
86	97	2 045	301,750	707,511	2,345	1,883
87	98	1 265	182,517	405,760	2,223	1,761
88	99	754	106,412	223,243	2,098	1,636
89	100	426	58,741	116,831	1,989	1,527

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 594	99 593,669	3 474 852,924	34,890	34,428
1	13	99 231	97 047,528	3 375 259,255	34,779	34,317
2	14	99 194	94 876,833	3 278 211,727	34,552	34,090
3	15	99 170	92 766,039	3 183 334,894	34,316	33,854
4	16	99 147	90 703,812	3 090 568,855	34,073	33,611
5	17	99 122	88 685,374	2 999 865,043	33,826	33,364
6	18	99 098	86 713,340	2 911 179,669	33,572	33,110
7	19	99 070	84 780,807	2 824 466,329	33,315	32,853
8	20	99 044	82 893,581	2 739 685,522	33,051	32,589
9	21	99 017	81 047,597	2 656 791,942	32,781	32,319
10	22	98 993	79 244,742	2 575 744,345	32,504	32,042
11	23	98 969	77 482,213	2 496 499,603	32,220	31,758
12	24	98 943	75 757,724	2 419 017,390	31,931	31,469
13	25	98 919	74 072,252	2 343 259,666	31,635	31,173
14	26	98 890	72 421,576	2 269 187,414	31,333	30,871
15	27	98 858	70 805,010	2 196 765,838	31,026	30,564
16	28	98 821	69 220,985	2 125 960,828	30,713	30,251
17	29	98 774	67 665,083	2 056 739,843	30,396	29,934
18	30	98 721	66 140,819	1 989 074,760	30,073	29,611
19	31	98 652	64 640,106	1 922 933,941	29,748	29,286
20	32	98 582	63 172,725	1 858 293,835	29,416	28,954
21	33	98 505	61 734,777	1 795 121,110	29,078	28,616
22	34	98 430	60 330,095	1 733 386,333	28,732	28,270
23	35	98 345	58 951,827	1 673 056,238	28,380	27,918
24	36	98 264	57 607,235	1 614 104,411	28,019	27,557
25	37	98 173	56 287,022	1 556 497,176	27,653	27,191
26	38	98 083	54 998,207	1 500 210,154	27,277	26,815
27	39	97 979	53 730,864	1 445 211,947	26,897	26,435
28	40	97 875	52 492,679	1 391 481,084	26,508	26,046
29	41	97 760	51 277,507	1 338 988,405	26,113	25,651
30	42	97 637	50 085,886	1 287 710,898	25,710	25,248
31	43	97 505	48 917,393	1 237 625,012	25,300	24,838
32	44	97 356	47 768,092	1 188 707,619	24,885	24,423
33	45	97 200	46 642,028	1 140 939,527	24,462	24,000
34	46	97 017	45 529,777	1 094 297,500	24,035	23,573
35	47	96 824	44 439,462	1 048 767,722	23,600	23,138
36	48	96 614	43 367,202	1 004 328,260	23,159	22,697
37	49	96 377	42 308,908	960 961,059	22,713	22,251
38	50	96 115	41 265,101	918 652,150	22,262	21,800
39	51	95 834	40 239,269	877 387,049	21,804	21,342
40	52	95 522	39 225,740	837 147,780	21,342	20,880
41	53	95 181	38 225,711	797 922,040	20,874	20,412
42	54	94 810	37 238,832	759 696,328	20,401	19,939
43	55	94 400	36 261,871	722 457,496	19,923	19,461
44	56	93 949	35 294,408	686 195,625	19,442	18,980
45	57	93 445	34 332,449	650 901,217	18,959	18,497
46	58	92 896	33 379,698	616 568,768	18,471	18,009
47	59	92 290	32 432,364	583 189,070	17,982	17,520
48	60	91 638	31 494,661	550 756,706	17,487	17,025
49	61	90 913	30 557,753	519 262,046	16,993	16,531
50	62	90 127	29 627,117	488 704,292	16,495	16,033
51	63	89 276	28 701,700	459 077,175	15,995	15,533
52	64	88 346	27 777,466	430 375,475	15,494	15,032
53	65	87 322	26 851,575	402 598,009	14,993	14,531
54	66	86 219	25 929,026	375 746,435	14,491	14,029
55	67	85 010	25 002,635	349 817,409	13,991	13,529
56	68	83 706	24 077,386	324 814,774	13,490	13,028
57	69	82 284	23 147,631	300 737,388	12,992	12,530
58	70	80 737	22 212,621	277 589,757	12,497	12,035
59	71	79 070	21 275,183	255 377,136	12,004	11,542
60	72	77 289	20 338,525	234 101,953	11,510	11,048
61	73	75 396	19 403,665	213 763,428	11,017	10,555
62	74	73 355	18 463,181	194 359,763	10,527	10,065
63	75	71 186	17 522,934	175 896,582	10,038	9,576
64	76	68 911	16 589,636	158 373,647	9,547	9,085
65	77	66 464	15 648,431	141 784,012	9,061	8,599
66	78	63 882	14 709,516	126 135,581	8,575	8,113
67	79	61 097	13 758,637	111 426,065	8,099	7,637
68	80	58 112	12 798,623	97 667,428	7,631	7,169
69	81	54 920	11 829,279	84 868,805	7,174	6,712
70	82	51 467	10 841,602	73 039,526	6,737	6,275
71	83	47 834	9 854,667	62 197,924	6,312	5,850
72	84	44 010	8 867,239	52 343,257	5,903	5,441
73	85	40 065	7 894,741	43 476,018	5,507	5,045
74	86	35 951	6 928,204	35 581,277	5,136	4,674
75	87	31 796	5 992,776	28 653,073	4,781	4,319
76	88	27 656	5 097,776	22 660,297	4,445	3,983
77	89	23 587	4 252,070	17 562,521	4,130	3,668
78	90	19 697	3 472,588	13 310,451	3,833	3,371
79	91	16 028	2 763,671	9 837,863	3,560	3,098
80	92	12 668	2 136,225	7 074,192	3,312	2,850
81	93	9 712	1 601,708	4 937,967	3,083	2,621
82	94	7 187	1 159,151	3 336,258	2,878	2,416
83	95	5 131	809,311	2 177,108	2,690	2,228
84	96	3 521	543,248	1 367,797	2,518	2,056
85	97	2 284	344,614	824,549	2,393	1,931
86	98	1 434	211,521	479,935	2,269	1,807
87	99	869	125,368	268,413	2,141	1,679
88	100	500	70,555	143,045	2,027	1,565

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 586	99 585,848	3 458 978,163	34,734	34,272
1	14	99 222	97 038,385	3 359 392,315	34,619	34,157
2	15	99 185	94 868,085	3 262 353,930	34,388	33,926
3	16	99 158	92 754,753	3 167 485,845	34,149	33,687
4	17	99 132	90 690,456	3 074 731,092	33,904	33,442
5	18	99 108	88 673,298	2 984 040,636	33,652	33,190
6	19	99 079	86 696,256	2 895 367,338	33,397	32,935
7	20	99 052	84 765,988	2 808 671,082	33,134	32,672
8	21	99 026	82 878,255	2 723 905,094	32,866	32,404
9	22	99 001	81 034,232	2 641 026,839	32,591	32,129
10	23	98 977	79 231,840	2 559 992,606	32,310	31,848
11	24	98 951	77 468,269	2 480 760,766	32,023	31,561
12	25	98 926	75 744,092	2 403 292,498	31,729	31,267
13	26	98 900	74 058,162	2 327 548,405	31,429	30,967
14	27	98 872	72 407,946	2 253 490,243	31,122	30,660
15	28	98 837	70 789,774	2 181 082,297	30,811	30,349
16	29	98 798	69 204,674	2 110 292,523	30,493	30,031
17	30	98 748	67 647,573	2 041 087,849	30,172	29,710
18	31	98 690	66 119,844	1 973 440,276	29,846	29,384
19	32	98 621	64 619,809	1 907 320,432	29,516	29,054
20	33	98 548	63 151,080	1 842 700,623	29,179	28,717
21	34	98 470	61 712,532	1 779 549,543	28,836	28,374
22	35	98 390	60 305,602	1 717 837,011	28,486	28,024
23	36	98 305	58 927,531	1 657 531,410	28,128	27,666
24	37	98 219	57 580,822	1 598 603,879	27,763	27,301
25	38	98 126	56 260,304	1 541 023,056	27,391	26,929
26	39	98 024	54 965,029	1 484 762,752	27,013	26,551
27	40	97 920	53 698,563	1 429 797,723	26,626	26,164
28	41	97 808	52 456,685	1 376 099,159	26,233	25,771
29	42	97 688	51 239,548	1 323 642,475	25,832	25,370
30	43	97 560	50 046,130	1 272 402,927	25,425	24,963
31	44	97 416	48 872,973	1 222 356,796	25,011	24,549
32	45	97 262	47 721,729	1 173 483,823	24,590	24,128
33	46	97 088	46 588,285	1 125 762,094	24,164	23,702
34	47	96 899	45 474,344	1 079 173,809	23,731	23,269
35	48	96 692	44 378,566	1 033 699,465	23,293	22,831
36	49	96 460	43 298,072	989 320,899	22,849	22,387
37	50	96 209	42 234,949	946 022,827	22,399	21,937
38	51	95 936	41 188,629	903 787,877	21,943	21,481
39	52	95 629	40 153,049	862 599,248	21,483	21,021
40	53	95 299	39 134,228	822 446,200	21,016	20,554
41	54	94 937	38 127,560	783 311,972	20,545	20,082
42	55	94 536	37 131,260	745 184,412	20,069	19,607
43	56	94 094	36 144,185	708 053,151	19,590	19,128
44	57	93 613	35 168,161	671 908,966	19,106	18,644
45	58	93 078	34 197,724	636 740,805	18,619	18,157
46	59	92 492	33 234,516	602 543,081	18,130	17,668
47	60	91 856	32 279,726	569 308,565	17,637	17,175
48	61	91 155	31 328,496	537 028,839	17,142	16,680
49	62	90 396	30 384,006	505 700,344	16,644	16,182
50	63	89 574	29 445,371	475 316,338	16,142	15,680
51	64	88 674	28 507,995	445 870,967	15,640	15,178
52	65	87 685	27 569,894	417 362,972	15,138	14,676
53	66	86 626	26 637,556	389 793,077	14,633	14,171
54	67	85 464	25 701,832	363 155,522	14,130	13,668
55	68	84 204	24 765,555	337 453,689	13,626	13,164
56	69	82 830	23 825,400	312 688,134	13,124	12,662
57	70	81 333	22 880,170	288 862,735	12,625	12,163
58	71	79 720	21 932,769	265 982,565	12,127	11,665
59	72	77 986	20 983,676	244 049,796	11,630	11,168
60	73	76 144	20 037,238	223 066,121	11,133	10,671
61	74	74 158	19 085,131	203 028,882	10,638	10,176
62	75	72 047	18 133,740	183 943,751	10,144	9,682
63	76	69 817	17 185,944	165 810,012	9,648	9,186
64	77	67 425	16 231,865	148 624,068	9,156	8,694
65	78	64 882	15 276,053	132 392,203	8,667	8,205
66	79	62 128	14 305,768	117 116,150	8,187	7,725
67	80	59 177	13 326,417	102 810,381	7,715	7,253
68	81	55 994	12 331,966	89 483,964	7,256	6,794
69	82	52 576	11 324,478	77 151,998	6,813	6,351
70	83	48 925	10 306,255	65 827,520	6,387	5,925
71	84	45 121	9 295,795	55 521,265	5,973	5,511
72	85	41 142	8 289,422	46 225,470	5,576	5,114
73	86	37 015	7 293,756	37 936,048	5,201	4,739
74	87	32 816	6 324,203	30 642,292	4,845	4,383
75	88	28 618	5 393,825	24 318,089	4,509	4,046
76	89	24 498	4 515,599	18 924,264	4,191	3,729
77	90	20 532	3 701,351	14 408,665	3,893	3,431
78	91	16 792	2 960,465	10 707,314	3,617	3,155
79	92	13 341	2 300,385	7 746,849	3,368	2,906
80	93	10 293	1 735,679	5 446,465	3,138	2,676
81	94	7 683	1 266,993	3 710,786	2,929	2,467
82	95	5 533	892,355	2 443,793	2,739	2,277
83	96	3 834	604,736	1 551,439	2,565	2,103
84	97	2 516	388,068	946,703	2,440	1,978
85	98	1 601	241,568	558,635	2,313	1,851
86	99	985	145,290	317,067	2,182	1,720
87	100	576	83,123	171,777	2,067	1,605

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,466	3 442 373,724	34,570	34,108
1	15	99 213	97 029,437	3 342 797,258	34,451	33,989
2	16	99 173	94 856,543	3 245 767,821	34,218	33,756
3	17	99 143	92 741,095	3 150 911,279	33,975	33,513
4	18	99 119	90 678,108	3 058 170,184	33,726	33,264
5	19	99 089	88 655,828	2 967 492,076	33,472	33,010
6	20	99 061	86 681,102	2 878 836,248	33,212	32,750
7	21	99 034	84 750,316	2 792 155,146	32,946	32,484
8	22	99 009	82 864,589	2 707 404,829	32,673	32,211
9	23	98 985	81 021,039	2 624 540,241	32,393	31,931
10	24	98 959	79 217,581	2 543 519,201	32,108	31,646
11	25	98 933	77 454,329	2 464 301,620	31,816	31,354
12	26	98 907	75 729,684	2 386 847,291	31,518	31,056
13	27	98 881	74 044,225	2 311 117,607	31,213	30,751
14	28	98 851	72 392,365	2 237 073,382	30,902	30,440
15	29	98 814	70 773,093	2 164 681,017	30,586	30,124
16	30	98 773	69 186,766	2 093 907,924	30,265	29,803
17	31	98 717	67 626,120	2 024 721,158	29,940	29,478
18	32	98 659	66 099,082	1 957 095,038	29,609	29,146
19	33	98 587	64 597,668	1 890 995,956	29,273	28,811
20	34	98 512	63 128,325	1 826 398,288	28,932	28,470
21	35	98 430	61 687,477	1 763 269,963	28,584	28,122
22	36	98 349	60 280,748	1 701 582,486	28,228	27,766
23	37	98 260	58 900,513	1 641 301,738	27,866	27,404
24	38	98 173	57 553,491	1 582 401,225	27,494	27,032
25	39	98 067	56 226,365	1 524 847,735	27,120	26,658
26	40	97 965	54 931,987	1 468 621,369	26,735	26,273
27	41	97 853	53 661,743	1 413 689,382	26,344	25,882
28	42	97 735	52 417,853	1 360 027,640	25,946	25,484
29	43	97 611	51 198,876	1 307 609,787	25,540	25,078
30	44	97 471	50 000,685	1 256 410,910	25,128	24,666
31	45	97 322	48 825,538	1 206 410,225	24,709	24,247
32	46	97 150	47 666,742	1 157 584,687	24,285	23,823
33	47	96 970	46 531,563	1 109 917,945	23,853	23,391
34	48	96 766	45 412,031	1 063 386,382	23,416	22,954
35	49	96 538	44 307,825	1 017 974,351	22,975	22,513
36	50	96 292	43 222,384	973 666,526	22,527	22,065
37	51	96 030	42 156,679	930 444,143	22,071	21,609
38	52	95 731	41 100,374	888 287,463	21,613	21,151
39	53	95 406	40 059,373	847 187,089	21,148	20,686
40	54	95 055	39 033,744	807 127,716	20,678	20,216
41	55	94 663	38 017,421	768 093,972	20,204	19,742
42	56	94 230	37 010,753	730 076,551	19,726	19,264
43	57	93 757	36 014,899	693 065,798	19,244	18,782
44	58	93 246	35 030,157	657 050,899	18,757	18,295
45	59	92 673	34 048,984	622 020,742	18,268	17,806
46	60	92 056	33 078,102	587 971,758	17,775	17,313
47	61	91 371	32 109,419	554 893,656	17,281	16,819
48	62	90 636	31 150,366	522 784,237	16,783	16,321
49	63	89 841	30 197,617	491 633,871	16,281	15,819
50	64	88 970	29 246,647	461 436,254	15,777	15,315
51	65	88 011	28 294,964	432 189,607	15,274	14,812
52	66	86 987	27 350,150	403 894,643	14,768	14,306
53	67	85 867	26 404,154	376 544,493	14,261	13,799
54	68	84 654	25 458,122	350 140,338	13,754	13,292
55	69	83 322	24 506,367	324 682,216	13,249	12,787
56	70	81 873	23 550,107	300 175,849	12,746	12,284
57	71	80 309	22 591,907	276 625,743	12,244	11,782
58	72	78 627	21 632,251	254 033,835	11,743	11,281
59	73	76 831	20 672,832	232 401,585	11,242	10,780
60	74	74 894	19 708,304	211 728,753	10,743	10,281
61	75	72 835	18 744,592	192 020,449	10,244	9,782
62	76	70 661	17 785,003	173 275,857	9,743	9,281
63	77	68 312	16 815,313	155 490,854	9,247	8,785
64	78	65 820	15 845,603	138 675,541	8,752	8,290
65	79	63 101	14 856,756	122 829,938	8,268	7,806
66	80	60 177	13 856,360	107 973,182	7,792	7,330
67	81	57 020	12 840,516	94 116,822	7,330	6,868
68	82	53 604	11 805,713	81 276,306	6,884	6,422
69	83	49 980	10 765,287	69 470,592	6,453	5,991
70	84	46 151	9 721,772	58 705,305	6,039	5,577
71	85	42 181	8 690,052	48 983,533	5,637	5,175
72	86	38 010	7 658,392	40 293,481	5,261	4,799
73	87	33 788	6 657,887	32 635,089	4,902	4,440
74	88	29 537	5 692,127	25 977,202	4,564	4,102
75	89	25 350	4 777,840	20 285,075	4,246	3,784
76	90	21 325	3 930,748	15 507,235	3,945	3,483
77	91	17 504	3 155,490	11 576,487	3,669	3,207
78	92	13 977	2 464,189	8 420,997	3,417	2,955
79	93	10 840	1 869,058	5 956,808	3,187	2,725
80	94	8 142	1 372,967	4 087,750	2,977	2,515
81	95	5 914	975,375	2 714,783	2,783	2,321
82	96	4 134	666,788	1 739,409	2,609	2,147
83	97	2 739	431,991	1 072,621	2,483	2,021
84	98	1 763	272,028	640,630	2,355	1,893
85	99	1 100	165,929	368,601	2,221	1,759
86	100	653	96,332	202,672	2,104	1,642

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 567	99 567,285	3 425 037,567	34,399	33,937
1	16	99 201	97 017,632	3 325 470,282	34,277	33,815
2	17	99 159	94 842,575	3 228 452,651	34,040	33,578
3	18	99 130	92 728,467	3 133 610,075	33,793	33,331
4	19	99 099	90 660,243	3 040 881,608	33,542	33,079
5	20	99 071	88 640,332	2 950 221,366	33,283	32,821
6	21	99 043	86 665,077	2 861 581,034	33,019	32,557
7	22	99 018	84 736,341	2 774 915,957	32,748	32,286
8	23	98 993	82 851,098	2 690 179,616	32,470	32,008
9	24	98 967	81 006,458	2 607 328,518	32,187	31,725
10	25	98 941	79 203,327	2 526 322,060	31,897	31,435
11	26	98 914	77 439,595	2 447 118,733	31,600	31,138
12	27	98 888	75 715,432	2 369 679,137	31,297	30,835
13	28	98 860	74 028,291	2 293 963,705	30,988	30,526
14	29	98 827	72 375,306	2 219 935,414	30,673	30,211
15	30	98 788	70 754,779	2 147 560,107	30,352	29,890
16	31	98 741	69 164,825	2 076 805,328	30,027	29,565
17	32	98 686	67 604,886	2 007 640,504	29,697	29,235
18	33	98 625	66 076,434	1 940 035,618	29,360	28,898
19	34	98 552	64 574,391	1 873 959,183	29,020	28,558
20	35	98 472	63 102,695	1 809 384,792	28,674	28,212
21	36	98 389	61 662,054	1 746 282,097	28,320	27,858
22	37	98 304	60 253,109	1 684 620,043	27,959	27,497
23	38	98 213	58 872,555	1 624 366,934	27,591	27,129
24	39	98 114	57 518,772	1 565 494,379	27,217	26,755
25	40	98 008	56 192,565	1 507 975,607	26,836	26,374
26	41	97 898	54 894,321	1 451 783,042	26,447	25,985
27	42	97 781	53 622,019	1 396 888,722	26,051	25,589
28	43	97 658	52 376,246	1 343 266,703	25,646	25,184
29	44	97 522	51 152,384	1 290 890,457	25,236	24,774
30	45	97 376	49 952,156	1 239 738,073	24,819	24,356
31	46	97 210	48 769,280	1 189 785,917	24,396	23,934
32	47	97 031	47 608,707	1 141 016,638	23,967	23,505
33	48	96 837	46 467,801	1 093 407,930	23,530	23,068
34	49	96 612	45 339,642	1 046 940,130	23,091	22,629
35	50	96 369	44 230,372	1 001 600,488	22,645	22,183
36	51	96 113	43 142,284	957 370,117	22,191	21,729
37	52	95 825	42 066,351	914 227,832	21,733	21,271
38	53	95 507	41 004,488	872 161,482	21,270	20,808
39	54	95 161	39 956,514	831 156,993	20,802	20,340
40	55	94 780	38 920,987	791 200,480	20,328	19,866
41	56	94 355	37 894,038	752 279,492	19,852	19,390
42	57	93 893	36 878,367	714 385,455	19,371	18,909
43	58	93 389	35 873,572	677 507,088	18,886	18,424
44	59	92 840	34 877,796	641 633,517	18,397	17,935
45	60	92 237	33 888,737	606 755,720	17,904	17,442
46	61	91 571	32 903,583	572 866,983	17,410	16,948
47	62	90 851	31 926,849	539 963,400	16,913	16,451
48	63	90 080	30 959,276	508 036,551	16,410	15,948
49	64	89 235	29 993,816	477 077,275	15,906	15,444
50	65	88 305	29 028,097	447 083,459	15,402	14,940
51	66	87 310	28 069,441	418 055,362	14,894	14,432
52	67	86 224	27 110,505	389 985,921	14,385	13,923
53	68	85 053	26 153,784	362 875,416	13,875	13,413
54	69	83 768	25 191,686	336 721,632	13,366	12,904
55	70	82 360	24 223,206	311 529,946	12,861	12,399
56	71	80 841	23 253,404	287 306,740	12,355	11,893
57	72	79 208	22 282,358	264 053,336	11,850	11,388
58	73	77 463	21 311,799	241 770,979	11,344	10,882
59	74	75 570	20 333,464	220 459,179	10,842	10,380
60	75	73 558	19 356,645	200 125,716	10,339	9,877
61	76	71 434	18 384,108	180 769,071	9,833	9,371
62	77	69 137	17 401,452	162 384,963	9,332	8,870
63	78	66 686	16 415,168	144 983,511	8,832	8,370
64	79	64 014	15 410,673	128 568,343	8,343	7,881
65	80	61 119	14 390,039	113 157,670	7,864	7,402
66	81	57 983	13 351,137	98 767,631	7,398	6,936
67	82	54 586	12 292,562	85 416,495	6,949	6,487
68	83	50 957	11 222,760	73 123,933	6,516	6,054
69	84	47 145	10 154,772	61 901,173	6,096	5,634
70	85	43 143	9 088,271	51 746,401	5,694	5,232
71	86	38 970	8 028,524	42 658,130	5,313	4,851
72	87	34 696	6 990,734	34 629,606	4,954	4,492
73	88	30 411	5 992,461	27 638,872	4,612	4,150
74	89	26 163	5 042,075	21 646,411	4,293	3,831
75	90	22 067	4 159,024	16 604,336	3,992	3,530
76	91	18 180	3 351,057	12 445,312	3,714	3,252
77	92	14 570	2 626,521	9 094,256	3,462	3,000
78	93	11 356	2 002,149	6 467,734	3,230	2,768
79	94	8 575	1 478,473	4 465,586	3,020	2,558
80	95	6 268	1 056,957	2 987,112	2,826	2,364
81	96	4 419	728,823	1 930,155	2,648	2,186
82	97	2 953	476,318	1 201,332	2,522	2,060
83	98	1 920	302,818	725,014	2,394	1,932
84	99	1 211	186,851	422,197	2,260	1,798
85	100	729	110,016	235,345	2,139	1,677

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 555	99 555,170	3 406 966,005	34,222	33,760
1	17	99 186	97 003,346	3 307 410,835	34,096	33,634
2	18	99 145	94 829,661	3 210 407,488	33,854	33,392
3	19	99 110	92 710,198	3 115 577,827	33,606	33,144
4	20	99 082	90 644,396	3 022 867,629	33,349	32,887
5	21	99 053	88 623,944	2 932 223,233	33,086	32,624
6	22	99 027	86 650,786	2 843 599,289	32,817	32,355
7	23	99 002	84 722,545	2 756 948,503	32,541	32,079
8	24	98 975	82 836,188	2 672 225,958	32,259	31,797
9	25	98 949	80 991,882	2 589 389,770	31,971	31,509
10	26	98 922	79 188,261	2 508 397,888	31,676	31,214
11	27	98 896	77 425,022	2 429 209,627	31,375	30,913
12	28	98 867	75 699,139	2 351 784,606	31,068	30,606
13	29	98 837	74 010,847	2 276 085,466	30,753	30,291
14	30	98 802	72 356,578	2 202 074,619	30,434	29,972
15	31	98 757	70 732,341	2 129 718,041	30,110	29,648
16	32	98 710	69 143,107	2 058 985,700	29,779	29,317
17	33	98 652	67 581,722	1 989 842,593	29,444	28,981
18	34	98 589	66 052,625	1 922 260,871	29,102	28,640
19	35	98 512	64 548,174	1 856 208,246	28,757	28,295
20	36	98 432	63 076,689	1 791 660,072	28,404	27,942
21	37	98 344	61 633,782	1 728 583,383	28,046	27,584
22	38	98 258	60 224,509	1 666 949,601	27,679	27,217
23	39	98 154	58 837,040	1 606 725,092	27,308	26,846
24	40	98 055	57 484,194	1 547 888,052	26,927	26,465
25	41	97 941	56 154,034	1 490 403,858	26,541	26,079
26	42	97 825	54 853,685	1 434 249,824	26,147	25,685
27	43	97 703	53 579,456	1 379 396,139	25,745	25,283
28	44	97 569	52 328,685	1 325 816,683	25,336	24,874
29	45	97 427	51 102,737	1 273 487,999	24,920	24,458
30	46	97 264	49 894,599	1 222 385,262	24,499	24,037
31	47	97 091	48 709,902	1 172 490,663	24,071	23,609
32	48	96 898	47 543,469	1 123 780,761	23,637	23,175
33	49	96 683	46 393,729	1 076 237,292	23,198	22,736
34	50	96 443	45 260,385	1 029 843,563	22,754	22,292
35	51	96 190	44 148,404	984 583,178	22,302	21,840
36	52	95 907	43 049,843	940 434,774	21,845	21,383
37	53	95 601	41 968,211	897 384,931	21,382	20,920
38	54	95 262	40 899,202	855 416,720	20,915	20,453
39	55	94 886	39 841,091	814 517,518	20,444	19,982
40	56	94 472	38 794,671	774 676,426	19,969	19,507
41	57	94 018	37 758,492	735 881,755	19,489	19,027
42	58	93 524	36 733,651	698 123,263	19,005	18,543
43	59	92 983	35 717,543	661 389,612	18,517	18,055
44	60	92 403	34 713,649	625 672,069	18,024	17,562
45	61	91 750	33 709,942	590 958,420	17,531	17,069
46	62	91 050	32 716,497	557 248,478	17,033	16,571
47	63	90 294	31 730,996	524 531,981	16,531	16,069
48	64	89 472	30 750,335	492 800,985	16,026	15,564
49	65	88 568	29 769,682	462 050,650	15,521	15,059
50	66	87 601	28 796,730	432 280,968	15,011	14,549
51	67	86 545	27 823,493	403 484,238	14,502	14,040
52	68	85 407	26 853,437	375 660,745	13,989	13,527
53	69	84 163	25 880,067	348 807,308	13,478	13,016
54	70	82 800	24 900,606	322 927,240	12,969	12,507
55	71	81 322	23 918,022	298 026,634	12,460	11,998
56	72	79 733	22 934,791	274 108,612	11,952	11,490
57	73	78 035	21 952,276	251 173,821	11,442	10,980
58	74	76 191	20 961,941	229 221,545	10,935	10,473
59	75	74 221	19 970,650	208 259,603	10,428	9,966
60	76	72 143	18 984,390	188 288,953	9,918	9,456
61	77	69 893	17 987,637	169 304,563	9,412	8,950
62	78	67 492	16 987,359	151 316,926	8,908	8,446
63	79	64 856	15 964,604	134 329,567	8,414	7,952
64	80	62 003	14 926,555	118 364,963	7,930	7,468
65	81	58 891	13 865,357	103 438,409	7,460	6,998
66	82	55 508	12 781,392	89 573,052	7,008	6,546
67	83	51 891	11 685,568	76 791,660	6,571	6,109
68	84	48 067	10 586,301	65 106,092	6,150	5,688
69	85	44 073	9 493,055	54 519,791	5,743	5,281
70	86	39 859	8 396,430	45 026,736	5,363	4,901
71	87	35 573	7 328,598	36 630,307	4,998	4,536
72	88	31 228	6 292,041	29 301,709	4,657	4,195
73	89	26 938	5 308,110	23 009,668	4,335	3,873
74	90	22 775	4 389,036	17 701,558	4,033	3,571
75	91	18 813	3 545,667	13 312,522	3,755	3,293
76	92	15 132	2 789,304	9 766,855	3,502	3,040
77	93	11 838	2 134,044	6 977,551	3,270	2,808
78	94	8 983	1 583,751	4 843,507	3,058	2,596
79	95	6 601	1 138,180	3 259,756	2,864	2,402
80	96	4 684	789,783	2 121,576	2,686	2,224
81	97	3 157	520,632	1 331,793	2,558	2,096
82	98	2 070	333,890	811,160	2,429	1,967
83	99	1 319	208,000	477,270	2,295	1,833
84	100	803	123,889	269,270	2,173	1,711

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 541	99 540,511	3 388 158,523	34,038	33,576
1	18	99 172	96 990,138	3 288 618,011	33,907	33,445
2	19	99 125	94 810,978	3 191 627,873	33,663	33,201
3	20	99 093	92 693,993	3 096 816,895	33,409	32,947
4	21	99 064	90 627,638	3 004 122,902	33,148	32,686
5	22	99 037	88 609,330	2 913 495,264	32,880	32,418
6	23	99 011	86 636,679	2 824 885,934	32,606	32,144
7	24	98 984	84 707,298	2 738 249,256	32,326	31,864
8	25	98 957	82 821,282	2 653 541,957	32,039	31,577
9	26	98 930	80 976,476	2 570 720,675	31,747	31,284
10	27	98 904	79 173,358	2 489 744,199	31,447	30,985
11	28	98 875	77 408,361	2 410 570,841	31,141	30,679
12	29	98 844	75 681,301	2 333 162,480	30,829	30,367
13	30	98 811	73 991,696	2 257 481,179	30,510	30,048
14	31	98 770	72 333,632	2 183 489,484	30,186	29,724
15	32	98 726	70 710,131	2 111 155,852	29,856	29,394
16	33	98 676	69 119,416	2 040 445,721	29,521	29,059
17	34	98 616	67 557,371	1 971 326,305	29,180	28,718
18	35	98 549	66 025,808	1 903 768,934	28,834	28,372
19	36	98 471	64 521,572	1 837 743,126	28,483	28,021
20	37	98 387	63 047,768	1 773 221,554	28,125	27,663
21	38	98 297	61 604,526	1 710 173,786	27,761	27,299
22	39	98 198	60 188,179	1 648 569,260	27,390	26,928
23	40	98 095	58 801,671	1 588 381,081	27,013	26,551
24	41	97 987	57 444,778	1 529 579,411	26,627	26,165
25	42	97 868	56 112,465	1 472 134,633	26,235	25,773
26	43	97 748	54 810,144	1 416 022,168	25,835	25,373
27	44	97 614	53 530,802	1 361 212,024	25,429	24,967
28	45	97 474	52 277,896	1 307 681,221	25,014	24,552
29	46	97 315	51 043,854	1 255 403,326	24,595	24,133
30	47	97 146	49 833,852	1 204 359,471	24,167	23,705
31	48	96 958	48 643,155	1 154 525,620	23,735	23,273
32	49	96 744	47 467,682	1 105 882,465	23,298	22,836
33	50	96 514	46 312,629	1 058 414,782	22,854	22,392
34	51	96 264	45 176,508	1 012 102,153	22,403	21,941
35	52	95 984	44 053,807	966 925,645	21,949	21,487
36	53	95 683	42 949,410	922 871,838	21,487	21,025
37	54	95 356	41 860,451	879 922,428	21,020	20,558
38	55	94 987	40 781,057	838 061,978	20,550	20,088
39	56	94 578	39 711,789	797 280,921	20,077	19,615
40	57	94 134	38 655,904	757 569,132	19,598	19,136
41	58	93 649	37 610,323	718 913,228	19,115	18,653
42	59	93 117	36 573,881	681 302,905	18,628	18,166
43	60	92 546	35 549,443	644 729,023	18,136	17,674
44	61	91 916	34 530,501	609 179,580	17,642	17,180
45	62	91 229	33 518,271	574 649,079	17,144	16,682
46	63	90 491	32 515,800	541 130,808	16,642	16,180
47	64	89 685	31 516,846	508 615,008	16,138	15,676
48	65	88 804	30 520,548	477 098,162	15,632	15,170
49	66	87 862	29 532,405	446 577,614	15,122	14,660
50	67	86 833	28 544,410	417 045,209	14,610	14,148
51	68	85 724	27 559,665	388 500,800	14,097	13,635
52	69	84 513	26 572,398	360 941,134	13,583	13,121
53	70	83 191	25 581,034	334 368,737	13,071	12,609
54	71	81 757	24 586,888	308 787,703	12,559	12,097
55	72	80 208	23 590,303	284 200,814	12,047	11,585
56	73	78 552	22 595,044	260 610,512	11,534	11,072
57	74	76 754	21 591,904	238 015,467	11,023	10,561
58	75	74 832	20 587,914	216 423,563	10,512	10,050
59	76	72 794	19 586,587	195 835,649	9,998	9,536
60	77	70 587	18 574,974	176 249,062	9,489	9,027
61	78	68 230	17 559,594	157 674,088	8,979	8,517
62	79	65 639	16 521,090	140 114,494	8,481	8,019
63	80	62 818	15 463,084	123 593,404	7,993	7,531
64	81	59 742	14 382,310	108 130,320	7,518	7,056
65	82	56 378	13 273,668	93 748,010	7,063	6,601
66	83	52 767	12 150,260	80 474,342	6,623	6,161
67	84	48 948	11 022,862	68 324,081	6,198	5,736
68	85	44 935	9 896,464	57 301,219	5,790	5,328
69	86	40 718	8 770,399	47 404,755	5,405	4,943
70	87	36 384	7 664,429	38 634,355	5,041	4,579
71	88	32 017	6 596,137	30 969,926	4,695	4,233
72	89	27 662	5 573,478	24 373,789	4,373	3,911
73	90	23 449	4 620,614	18 800,311	4,069	3,607
74	91	19 416	3 741,758	14 179,697	3,790	3,328
75	92	15 659	2 951,291	10 437,939	3,537	3,075
76	93	12 295	2 266,305	7 486,648	3,303	2,841
77	94	9 364	1 688,083	5 220,343	3,092	2,630
78	95	6 915	1 219,227	3 532,260	2,897	2,435
79	96	4 932	850,474	2 313,033	2,720	2,258
80	97	3 346	564,179	1 462,559	2,592	2,130
81	98	2 213	364,954	898,380	2,462	2,000
82	99	1 422	229,343	533,426	2,326	1,864
83	100	874	137,911	304,083	2,205	1,743

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 527	99 526,958	3 368 614,129	33,846	33,384
1	19	99 153	96 971,029	3 269 087,171	33,712	33,250
2	20	99 108	94 794,406	3 172 116,142	33,463	33,001
3	21	99 074	92 676,856	3 077 321,736	33,205	32,743
4	22	99 047	90 612,693	2 984 644,880	32,938	32,476
5	23	99 021	88 594,904	2 894 032,186	32,666	32,204
6	24	98 993	86 621,087	2 805 437,283	32,387	31,925
7	25	98 966	84 692,056	2 718 816,195	32,102	31,640
8	26	98 939	82 805,528	2 634 124,139	31,811	31,349
9	27	98 912	80 961,236	2 551 318,611	31,513	31,051
10	28	98 882	79 156,321	2 470 357,375	31,209	30,747
11	29	98 851	77 390,120	2 391 201,054	30,898	30,436
12	30	98 818	75 661,717	2 313 810,934	30,581	30,119
13	31	98 780	73 968,231	2 238 149,217	30,258	29,796
14	32	98 739	72 310,919	2 164 180,986	29,929	29,467
15	33	98 692	70 685,903	2 091 870,067	29,594	29,132
16	34	98 641	69 094,510	2 021 184,164	29,252	28,790
17	35	98 576	67 529,943	1 952 089,653	28,907	28,445
18	36	98 509	65 998,597	1 884 559,711	28,555	28,093
19	37	98 426	64 491,989	1 818 561,114	28,198	27,736
20	38	98 340	63 017,841	1 754 069,125	27,834	27,372
21	39	98 238	61 567,363	1 691 051,283	27,467	27,005
22	40	98 139	60 151,997	1 629 483,920	27,089	26,627
23	41	98 028	58 761,350	1 569 331,923	26,707	26,245
24	42	97 915	57 402,254	1 510 570,573	26,316	25,854
25	43	97 791	56 067,925	1 453 168,319	25,918	25,456
26	44	97 659	54 760,373	1 397 100,394	25,513	25,051
27	45	97 520	53 478,846	1 342 340,021	25,100	24,638
28	46	97 362	52 217,659	1 288 861,174	24,682	24,220
29	47	97 196	50 981,708	1 236 643,515	24,257	23,795
30	48	97 013	49 765,564	1 185 661,807	23,825	23,363
31	49	96 804	48 565,616	1 135 896,243	23,389	22,927
32	50	96 575	47 384,705	1 087 330,628	22,947	22,485
33	51	96 335	46 226,803	1 039 945,922	22,497	22,035
34	52	96 058	45 079,708	993 719,120	22,044	21,582
35	53	95 760	43 951,031	948 639,411	21,584	21,122
36	54	95 438	42 839,130	904 688,380	21,118	20,656
37	55	95 080	41 739,528	861 849,251	20,648	20,186
38	56	94 679	40 648,704	820 109,722	20,176	19,714
39	57	94 239	39 569,742	779 461,018	19,698	19,236
40	58	93 765	38 504,213	739 891,276	19,216	18,754
41	59	93 242	37 446,740	701 387,063	18,730	18,268
42	60	92 679	36 401,752	663 940,323	18,239	17,777
43	61	92 057	35 361,886	627 538,571	17,746	17,284
44	62	91 393	34 334,165	592 176,686	17,247	16,785
45	63	90 669	33 312,655	557 842,521	16,746	16,284
46	64	89 881	32 296,354	524 529,866	16,241	15,779
47	65	89 015	31 281,331	492 233,511	15,736	15,274
48	66	88 096	30 277,285	460 952,180	15,224	14,762
49	67	87 092	29 273,638	430 674,895	14,712	14,250
50	68	86 010	28 273,745	401 401,256	14,197	13,735
51	69	84 827	27 271,235	373 127,511	13,682	13,220
52	70	83 536	26 265,365	345 856,276	13,168	12,706
53	71	82 142	25 258,744	319 590,912	12,653	12,191
54	72	80 636	24 250,004	294 332,168	12,137	11,675
55	73	79 020	23 240,846	270 082,164	11,621	11,159
56	74	77 263	22 224,120	246 841,318	11,107	10,645
57	75	75 384	21 206,636	224 617,197	10,592	10,130
58	76	73 392	20 191,980	203 410,562	10,074	9,612
59	77	71 224	19 164,184	183 218,582	9,560	9,098
60	78	68 908	18 132,955	164 054,398	9,047	8,585
61	79	66 357	17 077,618	145 921,443	8,545	8,083
62	80	63 577	16 002,088	128 843,825	8,052	7,590
63	81	60 528	14 899,277	112 841,736	7,574	7,112
64	82	57 193	13 768,561	97 942,459	7,113	6,651
65	83	53 594	12 618,228	84 173,898	6,671	6,209
66	84	49 775	11 461,201	71 555,669	6,243	5,781
67	85	45 759	10 304,578	60 094,468	5,832	5,370
68	86	41 514	9 143,099	49 789,890	5,446	4,984
69	87	37 168	8 005,796	40 646,791	5,077	4,615
70	88	32 748	6 898,404	32 640,995	4,732	4,270
71	89	28 361	5 842,845	25 742,591	4,406	3,944
72	90	24 079	4 851,612	19 899,746	4,102	3,640
73	91	19 991	3 939,184	15 048,133	3,820	3,358
74	92	16 161	3 114,510	11 108,949	3,567	3,105
75	93	12 723	2 397,919	7 994,439	3,334	2,872
76	94	9 726	1 792,705	5 596,520	3,122	2,660
77	95	7 209	1 299,545	3 803,815	2,927	2,465
78	96	5 167	911,034	2 504,269	2,749	2,287
79	97	3 523	607,534	1 593,235	2,622	2,160
80	98	2 345	395,479	985,701	2,492	2,030
81	99	1 520	250,680	590,222	2,354	1,892
82	100	943	152,062	339,542	2,233	1,771

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 507	99 507,349	3 348 327,909	33,649	33,187
1	20	99 136	96 954,080	3 248 820,560	33,509	33,047
2	21	99 090	94 776,881	3 151 866,480	33,256	32,794
3	22	99 058	92 661,574	3 057 089,599	32,992	32,530
4	23	99 031	90 597,941	2 964 428,026	32,721	32,259
5	24	99 003	88 578,960	2 873 830,085	32,444	31,982
6	25	98 975	86 605,501	2 785 251,125	32,160	31,698
7	26	98 947	84 675,946	2 698 645,624	31,870	31,408
8	27	98 920	82 789,944	2 613 969,678	31,574	31,112
9	28	98 890	80 943,815	2 531 179,734	31,271	30,809
10	29	98 859	79 137,668	2 450 235,920	30,962	30,500
11	30	98 826	77 370,094	2 371 098,251	30,646	30,184
12	31	98 787	75 637,723	2 293 728,157	30,325	29,863
13	32	98 749	73 945,005	2 218 090,434	29,996	29,534
14	33	98 706	72 286,143	2 144 145,430	29,662	29,200
15	34	98 657	70 660,433	2 071 859,287	29,321	28,859
16	35	98 601	69 066,458	2 001 198,854	28,975	28,513
17	36	98 536	67 502,111	1 932 132,395	28,623	28,161
18	37	98 463	65 968,336	1 864 630,284	28,266	27,804
19	38	98 379	64 461,377	1 798 661,947	27,903	27,441
20	39	98 281	62 979,826	1 734 200,570	27,536	27,074
21	40	98 179	61 530,352	1 671 220,744	27,161	26,699
22	41	98 072	60 110,751	1 609 690,392	26,779	26,317
23	42	97 955	58 717,852	1 549 579,641	26,390	25,928
24	43	97 837	57 356,690	1 490 861,789	25,993	25,531
25	44	97 702	56 017,012	1 433 505,099	25,591	25,129
26	45	97 564	54 707,224	1 377 488,087	25,179	24,717
27	46	97 407	53 417,226	1 322 780,864	24,763	24,301
28	47	97 244	52 154,083	1 269 363,637	24,339	23,877
29	48	97 063	50 911,848	1 217 209,554	23,908	23,446
30	49	96 858	49 686,235	1 166 297,706	23,473	23,011
31	50	96 634	48 480,719	1 116 611,471	23,032	22,570
32	51	96 396	47 296,892	1 068 130,752	22,584	22,122
33	52	96 128	46 127,753	1 020 833,860	22,131	21,669
34	53	95 834	44 974,539	974 706,107	21,672	21,210
35	54	95 514	43 838,179	929 731,568	21,208	20,746
36	55	95 162	42 715,380	885 893,389	20,739	20,277
37	56	94 772	41 604,065	843 178,008	20,267	19,805
38	57	94 340	40 503,305	801 573,944	19,790	19,328
39	58	93 870	39 414,465	761 070,638	19,309	18,847
40	59	93 357	38 336,743	721 656,174	18,824	18,362
41	60	92 803	37 270,502	683 319,431	18,334	17,872
42	61	92 190	36 209,697	646 048,929	17,842	17,380
43	62	91 534	35 160,822	609 839,231	17,344	16,882
44	63	90 832	34 123,544	574 678,409	16,841	16,379
45	64	90 057	33 087,831	540 554,865	16,337	15,875
46	65	89 209	32 055,014	507 467,034	15,831	15,369
47	66	88 305	31 032,005	475 412,019	15,320	14,858
48	67	87 324	30 011,992	444 380,014	14,807	14,345
49	68	86 266	28 996,059	414 368,022	14,290	13,828
50	69	85 110	27 977,842	385 371,962	13,774	13,312
51	70	83 847	26 956,126	357 394,120	13,258	12,796
52	71	82 484	25 934,453	330 437,994	12,741	12,279
53	72	81 017	24 912,654	304 503,541	12,223	11,761
54	73	79 442	23 890,775	279 590,888	11,703	11,241
55	74	77 722	22 859,321	255 700,113	11,186	10,724
56	75	75 884	21 827,572	232 840,792	10,667	10,205
57	76	73 935	20 798,803	211 013,221	10,145	9,683
58	77	71 810	19 756,521	190 214,418	9,628	9,166
59	78	69 529	18 708,144	170 457,897	9,111	8,649
60	79	67 016	17 635,241	151 749,753	8,605	8,143
61	80	64 273	16 541,134	134 114,512	8,108	7,646
62	81	61 259	15 418,628	117 573,378	7,625	7,163
63	82	57 945	14 263,467	102 154,750	7,162	6,700
64	83	54 369	13 088,684	87 891,282	6,715	6,253
65	84	50 554	11 902,630	74 802,598	6,285	5,823
66	85	46 531	10 714,354	62 899,968	5,871	5,409
67	86	42 275	9 520,145	52 185,614	5,482	5,020
68	87	37 895	8 346,004	42 665,469	5,112	4,650
69	88	33 454	7 205,653	34 319,465	4,763	4,301
70	89	29 008	6 110,592	27 113,812	4,437	3,975
71	90	24 688	5 086,092	21 003,220	4,130	3,668
72	91	20 528	4 136,116	15 917,128	3,848	3,386
73	92	16 640	3 278,841	11 781,012	3,593	3,131
74	93	13 131	2 530,534	8 502,171	3,360	2,898
75	94	10 064	1 896,815	5 971,637	3,148	2,686
76	95	7 487	1 380,087	4 074,822	2,953	2,491
77	96	5 387	971,050	2 694,735	2,775	2,313
78	97	3 691	650,795	1 723,685	2,649	2,187
79	98	2 470	425,870	1 072,890	2,519	2,057
80	99	1 611	271,647	647,020	2,382	1,920
81	100	1 008	166,209	375,373	2,258	1,796

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 490	99 489,956	3 327 302,024	33,444	32,982
1	21	99 117	96 936,155	3 227 812,068	33,298	32,836
2	22	99 073	94 761,252	3 130 875,912	33,040	32,578
3	23	99 042	92 646,487	3 036 114,660	32,771	32,309
4	24	99 013	90 581,637	2 943 468,173	32,495	32,033
5	25	98 985	88 563,021	2 852 886,536	32,213	31,751
6	26	98 956	86 589,026	2 764 323,515	31,925	31,463
7	27	98 929	84 660,010	2 677 734,489	31,629	31,167
8	28	98 899	82 772,129	2 593 074,479	31,328	30,866
9	29	98 867	80 924,741	2 510 302,350	31,020	30,558
10	30	98 833	79 117,190	2 429 377,609	30,706	30,244
11	31	98 794	77 345,558	2 350 260,419	30,386	29,924
12	32	98 756	75 613,973	2 272 914,861	30,059	29,597
13	33	98 715	73 919,669	2 197 300,888	29,726	29,264
14	34	98 670	72 260,096	2 123 381,219	29,385	28,923
15	35	98 617	70 631,745	2 051 121,123	29,040	28,578
16	36	98 560	69 037,994	1 980 489,378	28,687	28,225
17	37	98 491	67 471,162	1 911 451,384	28,330	27,868
18	38	98 417	65 937,024	1 843 980,222	27,966	27,504
19	39	98 320	64 422,491	1 778 043,199	27,600	27,138
20	40	98 222	62 941,966	1 713 620,708	27,225	26,763
21	41	98 112	61 488,161	1 650 678,742	26,845	26,383
22	42	97 999	60 066,253	1 589 190,581	26,457	25,995
23	43	97 877	58 671,244	1 529 124,328	26,063	25,601
24	44	97 748	57 304,606	1 470 453,084	25,660	25,198
25	45	97 607	55 962,643	1 413 148,477	25,252	24,790
26	46	97 452	54 644,188	1 357 185,834	24,837	24,375
27	47	97 289	53 352,190	1 302 541,646	24,414	23,952
28	48	97 110	52 082,617	1 249 189,456	23,985	23,523
29	49	96 909	50 830,692	1 197 106,840	23,551	23,089
30	50	96 689	49 599,380	1 146 276,148	23,111	22,649
31	51	96 455	48 390,875	1 096 676,768	22,663	22,201
32	52	96 189	47 195,549	1 048 285,893	22,212	21,750
33	53	95 904	46 020,138	1 001 090,344	21,753	21,291
34	54	95 588	44 859,059	955 070,206	21,290	20,828
35	55	95 238	43 711,544	910 211,146	20,823	20,361
36	56	94 853	42 576,750	866 499,602	20,351	19,889
37	57	94 433	41 455,249	823 922,853	19,875	19,413
38	58	93 970	40 344,365	782 467,604	19,395	18,933
39	59	93 461	39 243,035	742 123,239	18,911	18,449
40	60	92 918	38 156,316	702 880,204	18,421	17,959
41	61	92 313	37 073,865	664 723,888	17,930	17,468
42	62	91 666	36 003,813	627 650,023	17,433	16,971
43	63	90 972	34 945,130	591 646,210	16,931	16,469
44	64	90 219	33 893,248	556 701,079	16,425	15,963
45	65	89 384	32 840,577	522 807,832	15,920	15,458
46	66	88 498	31 799,522	489 967,255	15,408	14,946
47	67	87 531	30 760,099	458 167,733	14,895	14,433
48	68	86 496	29 727,412	427 407,634	14,378	13,916
49	69	85 364	28 692,596	397 680,222	13,860	13,398
50	70	84 126	27 654,569	368 987,625	13,343	12,881
51	71	82 790	26 616,512	341 333,056	12,824	12,362
52	72	81 354	25 579,105	314 716,545	12,304	11,842
53	73	79 817	24 543,608	289 137,440	11,781	11,319
54	74	78 138	23 498,580	264 593,832	11,260	10,798
55	75	76 336	22 451,438	241 095,252	10,739	10,277
56	76	74 425	21 407,797	218 643,815	10,213	9,751
57	77	72 340	20 350,257	197 236,017	9,692	9,230
58	78	70 101	19 286,385	176 885,760	9,172	8,710
59	79	67 621	18 194,642	157 599,375	8,662	8,200
60	80	64 911	17 081,239	139 404,733	8,161	7,699
61	81	61 929	15 938,020	122 323,493	7,675	7,213
62	82	58 645	14 760,656	106 385,474	7,207	6,745
63	83	55 083	13 559,152	91 624,818	6,757	6,295
64	84	51 285	12 346,406	78 065,665	6,323	5,861
65	85	47 260	11 127,018	65 719,259	5,906	5,444
66	86	42 989	9 898,727	54 592,242	5,515	5,053
67	87	38 590	8 690,179	44 693,515	5,143	4,681
68	88	34 108	7 511,858	36 003,336	4,793	4,331
69	89	29 633	6 382,753	28 491,477	4,464	4,002
70	90	25 251	5 319,161	22 108,724	4,156	3,694
71	91	21 047	4 336,015	16 789,563	3,872	3,410
72	92	17 087	3 442,760	12 453,548	3,617	3,155
73	93	13 520	2 664,052	9 010,789	3,382	2,920
74	94	10 387	2 001,717	6 346,736	3,171	2,709
75	95	7 748	1 460,234	4 345,019	2,976	2,514
76	96	5 595	1 031,233	2 884,784	2,797	2,335
77	97	3 848	693,667	1 853,552	2,672	2,210
78	98	2 588	456,195	1 159,885	2,543	2,081
79	99	1 697	292,522	703,690	2,406	1,944
80	100	1 068	180,112	411,167	2,283	1,821

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 472	99 471,563	3 305 530,025	33,231	32,769
1	22	99 101	96 920,170	3 206 058,462	33,079	32,617
2	23	99 057	94 745,824	3 109 138,292	32,816	32,354
3	24	99 024	92 629,814	3 014 392,468	32,542	32,080
4	25	98 995	90 565,338	2 921 762,653	32,261	31,799
5	26	98 966	88 546,174	2 831 197,316	31,974	31,512
6	27	98 938	86 572,731	2 742 651,141	31,680	31,218
7	28	98 907	84 641,793	2 656 078,411	31,380	30,918
8	29	98 875	82 752,624	2 571 436,618	31,074	30,612
9	30	98 841	80 903,800	2 488 683,994	30,761	30,299
10	31	98 802	79 092,100	2 407 780,194	30,443	29,981
11	32	98 763	77 321,271	2 328 688,094	30,117	29,655
12	33	98 722	75 588,065	2 251 366,823	29,785	29,323
13	34	98 679	73 893,033	2 175 778,758	29,445	28,983
14	35	98 630	72 230,759	2 101 885,724	29,100	28,638
15	36	98 576	70 602,636	2 029 654,966	28,748	28,286
16	37	98 515	69 006,340	1 959 052,330	28,389	27,927
17	38	98 444	67 439,136	1 890 045,990	28,026	27,564
18	39	98 357	65 897,247	1 822 606,854	27,658	27,196
19	40	98 261	64 383,763	1 756 709,607	27,285	26,823
20	41	98 154	62 898,807	1 692 325,844	26,906	26,444
21	42	98 039	61 442,644	1 629 427,037	26,519	26,057
22	43	97 922	60 018,575	1 567 984,393	26,125	25,663
23	44	97 788	58 617,967	1 507 965,818	25,725	25,263
24	45	97 653	57 248,988	1 449 347,851	25,317	24,855
25	46	97 495	55 898,161	1 392 098,863	24,904	24,442
26	47	97 333	54 577,658	1 336 200,702	24,483	24,021
27	48	97 155	53 279,081	1 281 623,044	24,055	23,593
28	49	96 956	51 999,594	1 228 343,963	23,622	23,160
29	50	96 739	50 741,836	1 176 344,369	23,183	22,721
30	51	96 510	49 507,463	1 125 602,533	22,736	22,274
31	52	96 249	48 287,188	1 076 095,070	22,285	21,823
32	53	95 965	47 085,444	1 027 807,882	21,829	21,367
33	54	95 658	45 901,973	980 722,439	21,366	20,904
34	55	95 312	44 729,475	934 820,465	20,899	20,437
35	56	94 929	43 569,680	890 090,990	20,429	19,967
36	57	94 514	42 424,454	846 521,310	19,954	19,492
37	58	94 062	41 292,573	804 096,855	19,473	19,011
38	59	93 561	40 168,891	762 804,282	18,990	18,528
39	60	93 021	39 058,343	722 635,392	18,501	18,039
40	61	92 428	37 955,005	683 577,048	18,010	17,548
41	62	91 788	36 863,067	645 622,043	17,514	17,052
42	63	91 104	35 782,950	608 758,976	17,013	16,551
43	64	90 358	34 709,289	572 976,026	16,508	16,046
44	65	89 545	33 639,974	538 266,737	16,001	15,539
45	66	88 672	32 578,823	504 626,763	15,489	15,027
46	67	87 723	31 520,891	472 047,940	14,976	14,514
47	68	86 701	30 468,425	440 527,049	14,458	13,996
48	69	85 591	29 416,295	410 058,623	13,940	13,478
49	70	84 377	28 361,065	380 642,329	13,421	12,959
50	71	83 067	27 306,155	352 281,264	12,901	12,439
51	72	81 656	26 251,818	324 975,109	12,379	11,917
52	73	80 149	25 200,186	298 723,291	11,854	11,392
53	74	78 506	24 140,696	273 523,105	11,330	10,868
54	75	76 743	23 079,291	249 382,408	10,805	10,343
55	76	74 867	22 019,666	226 303,118	10,277	9,815
56	77	72 820	20 946,118	204 283,452	9,753	9,291
57	78	70 619	19 865,993	183 337,334	9,229	8,767
58	79	68 177	18 757,012	163 471,341	8,715	8,253
59	80	65 496	17 623,067	144 714,329	8,212	7,750
60	81	62 544	16 458,432	127 091,262	7,722	7,260
61	82	59 287	15 257,883	110 632,830	7,251	6,789
62	83	55 749	14 031,790	95 374,948	6,797	6,335
63	84	51 960	12 790,193	81 343,158	6,360	5,898
64	85	47 943	11 541,875	68 552,964	5,939	5,477
65	86	43 662	10 279,977	57 011,089	5,546	5,084
66	87	39 241	9 035,756	46 731,112	5,172	4,710
67	88	34 733	7 821,635	37 695,356	4,819	4,357
68	89	30 213	6 653,989	29 873,721	4,490	4,028
69	90	25 795	5 556,072	23 219,732	4,179	3,717
70	91	21 527	4 534,712	17 663,660	3,895	3,433
71	92	17 519	3 609,149	13 128,948	3,638	3,176
72	93	13 883	2 797,236	9 519,799	3,403	2,941
73	94	10 694	2 107,334	6 722,562	3,190	2,728
74	95	7 996	1 540,992	4 615,228	2,995	2,533
75	96	5 789	1 091,121	3 074,237	2,818	2,355
76	97	3 996	736,658	1 983,116	2,692	2,230
77	98	2 697	486,248	1 246,458	2,563	2,101
78	99	1 777	313,352	760,210	2,426	1,964
79	100	1 125	193,952	446,858	2,304	1,842

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 455	99 455,160	3 283 008,450	33,010	32,548
1	23	99 085	96 904,391	3 183 553,290	32,853	32,391
2	24	99 040	94 728,773	3 086 648,899	32,584	32,122
3	25	99 006	92 613,147	2 991 920,126	32,306	31,844
4	26	98 977	90 548,110	2 899 306,979	32,020	31,558
5	27	98 947	88 529,510	2 808 758,869	31,727	31,265
6	28	98 916	86 554,101	2 720 229,358	31,428	30,966
7	29	98 884	84 621,848	2 633 675,257	31,123	30,661
8	30	98 850	82 731,211	2 549 053,410	30,811	30,349
9	31	98 810	80 878,143	2 466 322,199	30,494	30,032
10	32	98 771	79 067,265	2 385 444,056	30,170	29,708
11	33	98 729	77 294,779	2 306 376,791	29,839	29,377
12	34	98 686	75 560,828	2 229 082,012	29,500	29,038
13	35	98 639	73 863,033	2 153 521,184	29,156	28,694
14	36	98 589	72 200,990	2 079 658,151	28,804	28,342
15	37	98 531	70 570,265	2 007 457,161	28,446	27,984
16	38	98 468	68 973,585	1 936 886,896	28,082	27,620
17	39	98 384	67 398,453	1 867 913,311	27,714	27,252
18	40	98 298	65 857,633	1 800 514,858	27,340	26,877
19	41	98 193	64 339,616	1 734 657,225	26,961	26,499
20	42	98 082	62 852,245	1 670 317,609	26,575	26,113
21	43	97 961	61 393,873	1 607 465,364	26,183	25,721
22	44	97 833	59 964,074	1 546 071,490	25,783	25,321
23	45	97 693	58 561,073	1 486 107,416	25,377	24,915
24	46	97 541	57 183,024	1 427 546,343	24,965	24,502
25	47	97 376	55 830,104	1 370 363,319	24,545	24,083
26	48	97 200	54 502,870	1 314 533,215	24,119	23,657
27	49	97 000	53 194,152	1 260 030,345	23,687	23,225
28	50	96 786	51 908,695	1 206 836,193	23,249	22,787
29	51	96 560	50 647,801	1 154 927,498	22,803	22,341
30	52	96 303	49 401,383	1 104 279,697	22,353	21,891
31	53	96 024	48 174,535	1 054 878,313	21,897	21,435
32	54	95 719	46 964,544	1 006 703,778	21,435	20,973
33	55	95 382	45 769,377	959 739,234	20,969	20,507
34	56	95 002	44 584,308	913 969,858	20,500	20,038
35	57	94 590	43 413,833	869 385,550	20,026	19,564
36	58	94 143	42 257,975	825 971,717	19,546	19,084
37	59	93 653	41 112,975	783 713,741	19,062	18,600
38	60	93 121	39 979,842	742 600,767	18,574	18,112
39	61	92 531	38 852,273	702 620,925	18,084	17,622
40	62	91 902	37 739,197	663 768,652	17,588	17,126
41	63	91 225	36 636,933	626 029,455	17,087	16,625
42	64	90 489	35 541,455	589 392,522	16,583	16,121
43	65	89 683	34 449,918	553 851,067	16,077	15,615
44	66	88 831	33 371,849	519 401,149	15,564	15,102
45	67	87 895	32 293,364	486 029,300	15,050	14,588
46	68	86 891	31 222,003	453 735,937	14,533	14,071
47	69	85 794	30 149,553	422 513,934	14,014	13,552
48	70	84 602	29 076,401	392 364,381	13,494	13,032
49	71	83 314	28 003,750	363 287,980	12,973	12,511
50	72	81 928	26 932,012	335 284,230	12,449	11,987
51	73	80 446	25 862,935	308 352,218	11,923	11,461
52	74	78 833	24 786,496	282 489,284	11,397	10,935
53	75	77 106	23 709,950	257 702,788	10,869	10,407
54	76	75 268	22 635,444	233 992,838	10,337	9,875
55	77	73 253	21 544,791	211 357,394	9,810	9,348
56	78	71 087	20 447,674	189 812,603	9,283	8,821
57	79	68 680	19 320,711	169 364,929	8,766	8,304
58	80	66 035	18 167,770	150 044,219	8,259	7,797
59	81	63 108	16 980,504	131 876,448	7,766	7,304
60	82	59 875	15 756,087	114 895,944	7,292	6,830
61	83	56 359	14 504,465	99 139,858	6,835	6,373
62	84	52 588	13 236,027	84 635,393	6,394	5,932
63	85	48 574	11 956,744	71 399,366	5,971	5,509
64	86	44 294	10 663,254	59 442,622	5,575	5,113
65	87	39 856	9 383,769	48 779,368	5,198	4,736
66	88	35 319	8 132,673	39 395,599	4,844	4,382
67	89	30 766	6 928,389	31 262,926	4,512	4,050
68	90	26 299	5 792,178	24 334,538	4,201	3,739
69	91	21 991	4 736,684	18 542,360	3,915	3,453
70	92	17 918	3 774,538	13 805,675	3,658	3,196
71	93	14 234	2 932,427	10 031,138	3,421	2,959
72	94	10 982	2 212,686	7 098,710	3,208	2,746
73	95	8 233	1 622,299	4 886,025	3,012	2,550
74	96	5 975	1 151,464	3 263,726	2,834	2,372
75	97	4 136	779,439	2 112,261	2,710	2,248
76	98	2 801	516,384	1 332,822	2,581	2,119
77	99	1 853	333,995	816,438	2,444	1,982
78	100	1 178	207,763	482,444	2,322	1,860

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 439	99 438,968	3 259 730,520	32,781	32,319
1	24	99 067	96 886,952	3 160 291,553	32,618	32,156
2	25	99 022	94 711,728	3 063 404,601	32,345	31,882
3	26	98 987	92 595,530	2 968 692,873	32,061	31,599
4	27	98 958	90 531,069	2 876 097,343	31,769	31,307
5	28	98 926	88 510,460	2 785 566,274	31,472	31,010
6	29	98 893	86 533,706	2 697 055,814	31,168	30,706
7	30	98 858	84 599,950	2 610 522,108	30,857	30,395
8	31	98 818	82 704,974	2 525 922,158	30,541	30,079
9	32	98 779	80 852,748	2 443 217,184	30,218	29,756
10	33	98 737	79 040,174	2 362 364,437	29,888	29,426
11	34	98 694	77 266,927	2 283 324,263	29,551	29,089
12	35	98 646	75 530,151	2 206 057,336	29,208	28,746
13	36	98 599	73 832,592	2 130 527,185	28,856	28,394
14	37	98 544	72 167,886	2 056 694,593	28,499	28,037
15	38	98 484	70 536,767	1 984 526,707	28,135	27,673
16	39	98 409	68 931,977	1 913 989,940	27,766	27,304
17	40	98 325	67 357,937	1 845 057,963	27,392	26,930
18	41	98 231	65 812,475	1 777 700,026	27,012	26,550
19	42	98 121	64 291,988	1 711 887,551	26,627	26,165
20	43	98 004	62 802,356	1 647 595,563	26,235	25,773
21	44	97 872	61 338,124	1 584 793,208	25,837	25,375
22	45	97 738	59 905,875	1 523 455,084	25,431	24,969
23	46	97 581	58 493,597	1 463 549,209	25,021	24,559
24	47	97 422	57 113,402	1 405 055,612	24,601	24,139
25	48	97 242	55 753,600	1 347 942,210	24,177	23,715
26	49	97 045	54 415,990	1 292 188,610	23,746	23,284
27	50	96 831	53 101,165	1 237 772,620	23,310	22,848
28	51	96 607	51 812,498	1 184 671,455	22,865	22,403
29	52	96 353	50 539,278	1 132 858,957	22,415	21,953
30	53	96 078	49 286,131	1 082 319,679	21,960	21,498
31	54	95 778	48 050,839	1 033 033,548	21,499	21,037
32	55	95 442	46 828,877	984 982,709	21,034	20,572
33	56	95 072	45 620,834	938 153,831	20,564	20,102
34	57	94 663	44 424,831	892 532,997	20,091	19,629
35	58	94 219	43 243,472	848 108,165	19,612	19,150
36	59	93 734	42 074,178	804 864,694	19,130	18,668
37	60	93 212	40 919,482	762 790,516	18,641	18,179
38	61	92 630	39 768,909	721 871,033	18,152	17,690
39	62	92 005	38 631,364	682 102,124	17,657	17,195
40	63	91 338	37 507,689	643 470,760	17,156	16,694
41	64	90 610	36 389,674	605 963,072	16,652	16,190
42	65	89 813	35 275,865	569 573,398	16,146	15,684
43	66	88 968	34 175,337	534 297,533	15,634	15,172
44	67	88 053	33 079,441	500 122,196	15,119	14,657
45	68	87 061	31 987,151	467 042,755	14,601	14,139
46	69	85 981	30 895,243	435 055,604	14,082	13,620
47	70	84 803	29 801,187	404 160,360	13,562	13,100
48	71	83 536	28 710,074	374 359,173	13,039	12,577
49	72	82 173	27 620,048	345 649,100	12,514	12,052
50	73	80 715	26 533,052	318 029,051	11,986	11,524
51	74	79 126	25 438,365	291 495,999	11,459	10,997
52	75	77 426	24 344,226	266 057,635	10,929	10,467
53	76	75 623	23 253,975	241 713,408	10,394	9,932
54	77	73 644	22 147,290	218 459,434	9,864	9,402
55	78	71 510	21 032,101	196 312,144	9,334	8,872
56	79	69 136	19 886,426	175 280,044	8,814	8,352
57	80	66 523	18 713,761	155 393,618	8,304	7,842
58	81	63 627	17 505,346	136 679,857	7,808	7,346
59	82	60 415	16 255,880	119 174,511	7,331	6,869
60	83	56 919	14 978,068	102 918,631	6,871	6,409
61	84	53 163	13 681,895	87 940,563	6,428	5,965
62	85	49 161	12 373,526	74 258,668	6,001	5,539
63	86	44 876	11 046,541	61 885,142	5,602	5,140
64	87	40 432	9 733,632	50 838,601	5,223	4,761
65	88	35 873	8 445,903	41 104,969	4,867	4,405
66	89	31 286	7 203,905	32 659,066	4,534	4,072
67	90	26 781	6 031,038	25 455,161	4,221	3,759
68	91	22 421	4 937,970	19 424,122	3,934	3,472
69	92	18 304	3 942,652	14 486,152	3,674	3,212
70	93	14 559	3 066,805	10 543,500	3,438	2,976
71	94	11 259	2 319,625	7 476,695	3,223	2,761
72	95	8 454	1 703,402	5 157,069	3,028	2,565
73	96	6 152	1 212,219	3 453,667	2,849	2,387
74	97	4 268	822,545	2 241,447	2,725	2,263
75	98	2 899	546,372	1 418,902	2,597	2,135
76	99	1 924	354,695	872,530	2,460	1,998
77	100	1 228	221,450	517,835	2,338	1,876

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 421	99 421,072	3 235 690,977	32,545	32,083
1	25	99 049	96 869,518	3 136 269,905	32,376	31,914
2	26	99 003	94 693,712	3 039 400,387	32,097	31,635
3	27	98 969	92 578,103	2 944 706,675	31,808	31,346
4	28	98 937	90 511,588	2 852 128,572	31,511	31,049
5	29	98 903	88 489,603	2 761 616,984	31,208	30,746
6	30	98 867	86 511,313	2 673 127,380	30,899	30,437
7	31	98 827	84 573,121	2 586 616,067	30,584	30,122
8	32	98 787	82 679,005	2 502 042,946	30,262	29,800
9	33	98 745	80 825,045	2 419 363,941	29,933	29,471
10	34	98 702	79 011,693	2 338 538,896	29,597	29,135
11	35	98 654	77 235,557	2 259 527,203	29,255	28,793
12	36	98 605	75 499,023	2 182 291,646	28,905	28,443
13	37	98 554	73 798,740	2 106 792,624	28,548	28,086
14	38	98 497	72 133,631	2 032 993,884	28,184	27,722
15	39	98 425	70 494,216	1 960 860,253	27,816	27,354
16	40	98 350	68 890,539	1 890 366,037	27,440	26,978
17	41	98 258	67 311,750	1 821 475,498	27,060	26,598
18	42	98 158	65 763,757	1 754 163,749	26,674	26,212
19	43	98 043	64 240,955	1 688 399,992	26,282	25,820
20	44	97 915	62 745,327	1 624 159,037	25,885	25,423
21	45	97 777	61 278,590	1 561 413,710	25,481	25,019
22	46	97 625	59 836,849	1 500 135,120	25,070	24,608
23	47	97 462	58 422,380	1 440 298,271	24,653	24,191
24	48	97 289	57 035,140	1 381 875,890	24,229	23,766
25	49	97 087	55 664,726	1 324 840,751	23,800	23,338
26	50	96 875	54 320,867	1 269 176,024	23,364	22,902
27	51	96 651	53 002,758	1 214 855,158	22,921	22,459
28	52	96 400	51 701,480	1 161 852,400	22,472	22,010
29	53	96 128	50 421,372	1 110 150,920	22,017	21,555
30	54	95 831	49 159,581	1 059 729,549	21,557	21,095
31	55	95 501	47 912,035	1 010 569,968	21,092	20,630
32	56	95 132	46 676,897	962 657,933	20,624	20,162
33	57	94 732	45 457,650	915 981,037	20,150	19,688
34	58	94 291	44 250,503	870 523,386	19,673	19,211
35	59	93 809	43 055,388	826 272,884	19,191	18,729
36	60	93 292	41 876,162	783 217,495	18,703	18,241
37	61	92 720	40 703,593	741 341,334	18,213	17,751
38	62	92 103	39 542,788	700 637,741	17,718	17,256
39	63	91 440	38 394,382	661 094,953	17,219	16,757
40	64	90 722	37 254,553	622 700,571	16,715	16,253
41	65	89 932	36 117,746	585 446,018	16,209	15,747
42	66	89 097	34 994,701	549 328,272	15,697	15,235
43	67	88 189	33 875,889	514 333,571	15,183	14,721
44	68	87 218	32 765,775	480 457,683	14,663	14,201
45	69	86 150	31 652,384	447 691,908	14,144	13,682
46	70	84 988	30 538,261	416 039,524	13,624	13,162
47	71	83 734	29 425,728	385 501,263	13,101	12,639
48	72	82 391	28 316,695	356 075,535	12,575	12,113
49	73	80 955	27 210,896	327 758,840	12,045	11,583
50	74	79 390	26 097,481	300 547,944	11,516	11,054
51	75	77 714	24 984,463	274 450,462	10,985	10,523
52	76	75 937	23 876,053	249 465,999	10,448	9,986
53	77	73 992	22 752,481	225 589,946	9,915	9,453
54	78	71 892	21 620,262	202 837,465	9,382	8,920
55	79	69 547	20 454,811	181 217,203	8,859	8,397
56	80	66 964	19 261,704	160 762,392	8,346	7,884
57	81	64 097	18 031,429	141 500,688	7,847	7,385
58	82	60 912	16 758,326	123 469,259	7,368	6,906
59	83	57 432	15 453,182	106 710,933	6,905	6,443
60	84	53 691	14 128,640	91 257,751	6,459	5,997
61	85	49 699	12 790,340	77 129,111	6,030	5,568
62	86	45 418	11 431,595	64 338,771	5,628	5,166
63	87	40 964	10 083,503	52 907,176	5,247	4,785
64	88	36 391	8 760,799	42 823,673	4,888	4,426
65	89	31 776	7 481,364	34 062,874	4,553	4,091
66	90	27 234	6 270,870	26 581,509	4,239	3,777
67	91	22 832	5 141,604	20 310,639	3,950	3,488
68	92	18 662	4 110,196	15 169,035	3,691	3,229
69	93	14 872	3 203,398	11 058,839	3,452	2,990
70	94	11 516	2 425,922	7 855,441	3,238	2,776
71	95	8 668	1 785,728	5 429,519	3,041	2,578
72	96	6 317	1 272,822	3 643,790	2,863	2,401
73	97	4 395	865,945	2 370,969	2,738	2,276
74	98	2 992	576,589	1 505,024	2,610	2,148
75	99	1 991	375,293	928,435	2,474	2,012
76	100	1 276	235,175	553,141	2,352	1,890

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 403	99 403,183	3 210 886,281	32,302	31,840
1	26	99 030	96 851,091	3 111 483,098	32,126	31,664
2	27	98 984	94 675,891	3 014 632,007	31,842	31,380
3	28	98 947	92 558,182	2 919 956,116	31,547	31,085
4	29	98 913	90 490,260	2 827 397,934	31,245	30,783
5	30	98 877	88 466,705	2 736 907,674	30,937	30,475
6	31	98 836	86 483,878	2 648 440,969	30,624	30,162
7	32	98 796	84 546,565	2 561 957,091	30,302	29,840
8	33	98 754	82 650,676	2 477 410,526	29,974	29,512
9	34	98 710	80 795,921	2 394 759,849	29,640	29,178
10	35	98 662	78 979,615	2 313 963,928	29,298	28,836
11	36	98 613	77 203,726	2 234 984,313	28,949	28,487
12	37	98 560	75 464,406	2 157 780,588	28,593	28,131
13	38	98 507	73 763,710	2 082 316,181	28,230	27,768
14	39	98 438	72 090,116	2 008 552,471	27,862	27,400
15	40	98 365	70 451,839	1 936 462,355	27,486	27,024
16	41	98 282	68 843,301	1 866 010,516	27,105	26,643
17	42	98 185	67 261,921	1 797 167,216	26,719	26,257
18	43	98 080	65 711,556	1 729 905,294	26,326	25,864
19	44	97 954	64 182,620	1 664 193,738	25,929	25,467
20	45	97 820	62 684,428	1 600 011,118	25,525	25,063
21	46	97 665	61 207,983	1 537 326,690	25,116	24,654
22	47	97 506	59 763,997	1 476 118,707	24,699	24,237
23	48	97 328	58 342,324	1 416 354,711	24,277	23,815
24	49	97 134	56 944,223	1 358 012,387	23,848	23,386
25	50	96 918	55 567,420	1 301 068,164	23,414	22,952
26	51	96 696	54 220,199	1 245 500,743	22,971	22,509
27	52	96 444	52 889,189	1 191 280,544	22,524	22,062
28	53	96 175	51 580,862	1 138 391,355	22,070	21,608
29	54	95 881	50 291,906	1 086 810,493	21,610	21,148
30	55	95 555	49 017,574	1 036 518,587	21,146	20,684
31	56	95 191	47 756,539	987 501,014	20,678	20,216
32	57	94 792	46 509,935	939 744,475	20,205	19,743
33	58	94 360	45 279,269	893 234,540	19,727	19,265
34	59	93 881	44 058,039	847 955,271	19,246	18,784
35	60	93 367	42 852,754	803 897,232	18,760	18,298
36	61	92 800	41 655,225	761 044,478	18,270	17,808
37	62	92 193	40 472,157	719 389,253	17,775	17,313
38	63	91 538	39 300,215	678 917,096	17,275	16,813
39	64	90 823	38 135,262	639 616,881	16,772	16,310
40	65	90 044	36 976,162	601 481,619	16,267	15,805
41	66	89 216	35 829,871	564 505,457	15,755	15,293
42	67	88 316	34 688,073	528 675,586	15,241	14,779
43	68	87 353	33 554,670	493 987,512	14,722	14,260
44	69	86 305	32 422,859	460 432,842	14,201	13,739
45	70	85 155	31 286,653	428 009,983	13,680	13,218
46	71	83 917	30 153,516	396 723,330	13,157	12,695
47	72	82 587	29 022,543	366 569,814	12,631	12,169
48	73	81 171	27 897,223	337 547,271	12,100	11,638
49	74	79 626	26 764,198	309 650,048	11,570	11,108
50	75	77 973	25 631,819	282 885,850	11,037	10,574
51	76	76 219	24 503,978	257 254,030	10,498	10,036
52	77	74 300	23 361,144	232 750,053	9,963	9,501
53	78	72 231	22 211,052	209 388,909	9,427	8,965
54	79	69 919	21 026,828	187 177,857	8,902	8,440
55	80	67 362	19 812,234	166 151,029	8,386	7,924
56	81	64 522	18 559,394	146 338,795	7,885	7,423
57	82	61 362	17 261,958	127 779,401	7,402	6,940
58	83	57 904	15 930,817	110 517,443	6,937	6,475
59	84	54 175	14 576,809	94 586,626	6,489	6,027
60	85	50 192	13 207,973	80 009,817	6,058	5,596
61	86	45 915	11 816,680	66 801,843	5,653	5,191
62	87	41 459	10 434,989	54 985,163	5,269	4,807
63	88	36 870	9 075,703	44 550,174	4,909	4,447
64	89	32 235	7 760,298	35 474,472	4,571	4,109
65	90	27 660	6 512,393	27 714,174	4,256	3,794
66	91	23 217	5 346,067	21 201,780	3,966	3,504
67	92	19 004	4 279,694	15 855,713	3,705	3,243
68	93	15 163	3 339,527	11 576,019	3,466	3,004
69	94	11 764	2 533,970	8 236,492	3,250	2,788
70	95	8 866	1 867,559	5 702,522	3,053	2,591
71	96	6 477	1 334,337	3 834,963	2,874	2,412
72	97	4 513	909,236	2 500,626	2,750	2,288
73	98	3 080	607,012	1 591,389	2,622	2,160
74	99	2 055	396,049	984,378	2,485	2,023
75	100	1 320	248,832	588,329	2,364	1,902

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1	0	99 644	97 451,123	3 518 856,456	36,109	35,647
2	1	99 317	94 994,028	3 421 405,332	36,017	35,555
3	2	99 277	92 866,160	3 326 411,305	35,819	35,357
4	3	99 254	90 801,475	3 233 545,144	35,611	35,149
5	4	99 233	88 784,781	3 142 743,669	35,397	34,935
6	5	99 213	86 814,051	3 053 958,888	35,178	34,716
7	6	99 195	84 888,437	2 967 144,837	34,953	34,491
8	7	99 178	83 005,982	2 882 256,400	34,723	34,261
9	8	99 165	81 168,731	2 799 250,418	34,487	34,025
10	9	99 150	79 370,739	2 718 081,688	34,245	33,783
11	10	99 136	77 613,296	2 638 710,949	33,998	33,536
12	11	99 123	75 895,109	2 561 097,653	33,745	33,283
13	12	99 108	74 214,197	2 485 202,543	33,487	33,025
14	13	99 091	72 568,464	2 410 988,346	33,224	32,762
15	14	99 068	70 955,289	2 338 419,883	32,956	32,494
16	15	99 043	69 376,434	2 267 464,594	32,683	32,221
17	16	99 007	67 824,769	2 198 088,160	32,408	31,946
18	17	98 965	66 304,303	2 130 263,391	32,129	31,667
19	18	98 914	64 811,611	2 063 959,088	31,846	31,383
20	19	98 855	63 347,749	1 999 147,477	31,558	31,096
21	20	98 795	61 916,211	1 935 799,728	31,265	30,803
22	21	98 736	60 518,021	1 873 883,517	30,964	30,502
23	22	98 675	59 149,723	1 813 365,496	30,657	30,195
24	23	98 619	57 815,034	1 754 215,773	30,342	29,880
25	24	98 554	56 505,800	1 696 400,739	30,022	29,560
26	25	98 493	55 228,256	1 639 894,939	29,693	29,231
27	26	98 430	53 977,910	1 584 666,683	29,358	28,896
28	27	98 366	52 755,822	1 530 688,773	29,015	28,553
29	28	98 297	51 558,822	1 477 932,951	28,665	28,203
30	29	98 222	50 386,097	1 426 374,129	28,309	27,847
31	30	98 142	49 236,948	1 375 988,032	27,946	27,484
32	31	98 050	48 108,576	1 326 751,084	27,578	27,116
33	32	97 957	47 005,358	1 278 642,508	27,202	26,740
34	33	97 852	45 921,635	1 231 637,150	26,820	26,358
35	34	97 742	44 860,403	1 185 715,515	26,431	25,969
36	35	97 623	43 820,259	1 140 855,112	26,035	25,573
37	36	97 499	42 801,519	1 097 034,853	25,631	25,169
38	37	97 359	41 799,487	1 054 233,334	25,221	24,759
39	38	97 209	40 816,664	1 012 433,847	24,804	24,342
40	39	97 042	39 849,976	971 617,183	24,382	23,920
41	40	96 864	38 901,443	931 767,207	23,952	23,490
42	41	96 668	37 968,624	892 865,764	23,516	23,054
43	42	96 458	37 052,180	854 897,140	23,073	22,611
44	43	96 233	36 152,336	817 844,960	22,622	22,160
45	44	95 972	35 261,188	781 692,624	22,169	21,707
46	45	95 691	34 384,318	746 431,436	21,708	21,246
47	46	95 373	33 515,752	712 047,118	21,245	20,783
48	47	95 031	32 660,812	678 531,365	20,775	20,313
49	48	94 649	31 813,638	645 870,553	20,302	19,840
50	49	94 217	30 971,687	614 056,915	19,826	19,364
51	50	93 740	30 136,694	583 085,228	19,348	18,886
52	51	93 220	29 310,011	552 948,534	18,866	18,404
53	52	92 635	28 485,187	523 638,523	18,383	17,921
54	53	91 985	27 662,824	495 153,336	17,900	17,438
55	54	91 261	26 841,183	467 490,512	17,417	16,955
56	55	90 459	26 019,956	440 649,328	16,935	16,473
57	56	89 572	25 197,715	414 629,372	16,455	15,993
58	57	88 597	24 375,048	389 431,657	15,977	15,515
59	58	87 529	23 551,456	365 056,610	15,500	15,038
60	59	86 370	22 728,072	341 505,154	15,026	14,564
61	60	85 118	21 905,831	318 777,082	14,552	14,090
62	61	83 753	21 080,151	296 871,252	14,083	13,621
63	62	82 282	20 254,279	275 791,100	13,616	13,154
64	63	80 716	19 431,569	255 536,821	13,151	12,689
65	64	79 029	18 606,699	236 105,252	12,689	12,227
66	65	77 229	17 782,753	217 498,553	12,231	11,769
67	66	75 341	16 966,328	199 715,800	11,771	11,309
68	67	73 337	16 151,601	182 749,472	11,315	10,853
69	68	71 248	15 346,304	166 597,871	10,856	10,394
70	69	69 015	14 538,177	151 251,566	10,404	9,942
71	70	66 696	13 740,537	136 713,389	9,950	9,488
72	71	64 233	12 941,936	122 972,852	9,502	9,040
73	72	61 694	12 156,852	110 030,916	9,051	8,589
74	73	59 033	11 376,507	97 874,064	8,603	8,141
75	74	56 259	10 603,338	86 497,556	8,158	7,696
76	75	53 397	9 842,542	75 894,218	7,711	7,249
77	76	50 424	9 089,895	66 051,676	7,266	6,804
78	77	47 328	8 344,176	56 961,781	6,827	6,365
79	78	44 101	7 604,144	48 617,605	6,394	5,932
80	79	40 726	6 867,674	41 013,461	5,972	5,510
81	80	37 221	6 138,493	34 145,787	5,563	5,101
82	81	33 550	5 411,238	28 007,294	5,176	4,714
83	82	29 784	4 698,232	22 596,056	4,809	4,347
84	83	26 007	4 012,127	17 897,824	4,461	3,999
85	84	22 275	3 360,816	13 885,697	4,132	3,670
86	85	18 644	2 751,030	10 524,881	3,826	3,364
87	86	15 197	2 193,097	7 773,850	3,545	3,083
88	87	12 040	1 699,211	5 580,753	3,284	2,822
89	88	9 225	1 273,308	3 881,542	3,048	2,586
90	89	6 822	920,943	2 608,234	2,832	2,370
91	90	4 860	641,674	1 687,291	2,630	2,167
92	91	3 319	428,497	1 045,616	2,440	1,978
93	92	2 140	270,202	617,120	2,284	1,822
94	93	1 315	162,444	346,917	2,136	1,674
95	94	760	91,737	184,474	2,011	1,549
96	95	415	49,030	92,737	1,891	1,429
97	96	210	24,279	43,707	1,800	1,338
98	97	100	11,253	19,427	1,726	1,264
99	98	45	4,931	8,174	1,658	1,196
100	99	19	2,041	3,244	1,589	1,127

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 616	95 280,378	3 428 389,167	35,982	35,520
3	1	99 301	92 889,191	3 333 108,789	35,883	35,421
4	2	99 266	90 812,757	3 240 219,598	35,680	35,218
5	3	99 243	88 793,938	3 149 406,841	35,469	35,007
6	4	99 223	86 822,359	3 060 612,903	35,251	34,789
7	5	99 204	84 895,999	2 973 790,544	35,029	34,567
8	6	99 187	83 013,325	2 888 894,545	34,800	34,338
9	7	99 170	81 172,502	2 805 881,220	34,567	34,105
10	8	99 157	79 376,270	2 724 708,718	34,326	33,864
11	9	99 142	77 618,044	2 645 332,448	34,081	33,619
12	10	99 129	75 899,549	2 567 714,404	33,830	33,368
13	11	99 116	74 219,936	2 491 814,855	33,573	33,111
14	12	99 099	72 574,162	2 417 594,919	33,312	32,850
15	13	99 078	70 961,974	2 345 020,756	33,046	32,584
16	14	99 052	69 382,832	2 274 058,782	32,776	32,314
17	15	99 019	67 833,022	2 204 675,951	32,502	32,039
18	16	98 980	66 314,068	2 136 842,928	32,223	31,761
19	17	98 927	64 820,437	2 070 528,861	31,943	31,481
20	18	98 874	63 360,232	2 005 708,424	31,656	31,194
21	19	98 812	61 927,035	1 942 348,191	31,365	30,903
22	20	98 755	60 529,212	1 880 421,156	31,066	30,604
23	21	98 692	59 159,478	1 819 891,945	30,762	30,300
24	22	98 635	57 824,448	1 760 732,467	30,450	29,988
25	23	98 572	56 515,971	1 702 908,018	30,131	29,669
26	24	98 511	55 238,196	1 646 392,048	29,805	29,343
27	25	98 448	53 988,180	1 591 153,852	29,472	29,010
28	26	98 384	52 765,752	1 537 165,672	29,132	28,670
29	27	98 318	51 569,920	1 484 399,920	28,784	28,322
30	28	98 245	50 397,972	1 432 830,001	28,430	27,968
31	29	98 167	49 249,692	1 382 432,028	28,070	27,608
32	30	98 081	48 123,838	1 333 182,336	27,703	27,241
33	31	97 988	47 020,122	1 285 058,498	27,330	26,868
34	32	97 886	45 937,374	1 238 038,376	26,951	26,489
35	33	97 777	44 876,573	1 192 101,001	26,564	26,102
36	34	97 663	43 838,057	1 147 224,428	26,170	25,708
37	35	97 540	42 819,166	1 103 386,371	25,769	25,307
38	36	97 404	41 818,661	1 060 567,205	25,361	24,899
39	37	97 255	40 836,047	1 018 748,544	24,947	24,485
40	38	97 101	39 874,030	977 912,497	24,525	24,063
41	39	96 922	38 924,843	938 038,467	24,099	23,637
42	40	96 735	37 994,677	899 113,624	23,664	23,202
43	41	96 529	37 079,628	861 118,947	23,224	22,761
44	42	96 309	36 181,055	824 039,319	22,775	22,313
45	43	96 060	35 293,237	787 858,264	22,323	21,861
46	44	95 784	34 417,723	752 565,027	21,866	21,404
47	45	95 483	33 554,415	718 147,304	21,402	20,940
48	46	95 147	32 700,626	684 592,889	20,935	20,473
49	47	94 779	31 857,292	651 892,263	20,463	20,001
50	48	94 368	31 021,136	620 034,971	19,988	19,525
51	49	93 904	30 189,467	589 013,834	19,511	19,049
52	50	93 393	29 364,429	558 824,367	19,031	18,569
53	51	92 834	28 546,353	529 459,938	18,547	18,085
54	52	92 200	27 727,512	500 913,585	18,066	17,604
55	53	91 496	26 910,280	473 186,073	17,584	17,122
56	54	90 721	26 095,338	446 275,793	17,102	16,640
57	55	89 863	25 279,759	420 180,455	16,621	16,159
58	56	88 915	24 462,549	394 900,696	16,143	15,681
59	57	87 874	23 644,239	370 438,147	15,667	15,205
60	58	86 747	22 827,357	346 793,909	15,192	14,730
61	59	85 521	22 009,415	323 966,551	14,719	14,257
62	60	84 197	21 191,959	301 957,136	14,249	13,787
63	61	82 753	20 370,101	280 765,177	13,783	13,321
64	62	81 214	19 551,507	260 395,076	13,318	12,856
65	63	79 566	18 733,127	240 843,569	12,857	12,395
66	64	77 810	17 916,638	222 110,442	12,397	11,935
67	65	75 946	17 102,643	204 193,804	11,939	11,477
68	66	73 985	16 294,375	187 091,161	11,482	11,020
69	67	71 930	15 493,214	170 796,786	11,024	10,562
70	68	69 745	14 691,938	155 303,572	10,571	10,109
71	69	67 476	13 901,159	140 611,633	10,115	9,653
72	70	65 053	13 107,069	126 710,474	9,667	9,205
73	71	62 551	12 325,737	113 603,404	9,217	8,755
74	72	59 921	11 547,568	101 277,668	8,770	8,308
75	73	57 198	10 780,309	89 730,100	8,324	7,862
76	74	54 367	10 021,355	78 949,790	7,878	7,416
77	75	51 412	9 268,134	68 928,435	7,437	6,975
78	76	48 372	8 528,093	59 660,302	6,996	6,534
79	77	45 176	7 789,507	51 132,209	6,564	6,102
80	78	41 876	7 061,498	43 342,702	6,138	5,676
81	79	38 428	6 337,585	36 281,204	5,725	5,263
82	80	34 819	5 616,006	29 943,619	5,332	4,870
83	81	31 112	4 907,660	24 327,613	4,957	4,495
84	82	27 358	4 220,532	19 419,952	4,601	4,139
85	83	23 615	3 562,872	15 199,420	4,266	3,804
86	84	19 944	2 942,792	11 636,548	3,954	3,492
87	85	16 450	2 373,802	8 693,756	3,662	3,200
88	86	13 190	1 861,496	6 319,954	3,395	2,933
89	87	10 249	1 414,701	4 458,458	3,152	2,690
90	88	7 702	1 039,677	3 043,756	2,928	2,466
91	89	5 584	737,148	2 004,080	2,719	2,257
92	90	3 893	502,622	1 266,932	2,521	2,059
93	91	2 571	324,620	764,310	2,354	1,892
94	92	1 619	199,931	439,691	2,199	1,737
95	93	960	115,972	239,759	2,067	1,605
96	94	539	63,689	123,787	1,944	1,482
97	95	281	32,493	60,098	1,850	1,388
98	96	139	15,753	27,606	1,752	1,290
99	97	64	7,034	11,853	1,685	1,223
100	98	27	2,971	4,819	1,622	1,160

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 601	93 169,197	3 339 575,181	35,844	35,382
4	1	99 291	90 835,278	3 246 405,985	35,739	35,277
5	2	99 255	88 804,970	3 155 570,706	35,534	35,072
6	3	99 233	86 831,314	3 066 765,736	35,319	34,857
7	4	99 214	84 904,123	2 979 934,423	35,098	34,636
8	5	99 196	83 020,720	2 895 030,299	34,871	34,409
9	6	99 178	81 179,683	2 812 009,579	34,639	34,177
10	7	99 162	79 379,958	2 730 829,896	34,402	33,940
11	8	99 149	77 623,453	2 651 449,938	34,158	33,696
12	9	99 135	75 904,192	2 573 826,485	33,909	33,447
13	10	99 122	74 224,278	2 497 922,293	33,654	33,192
14	11	99 106	72 579,775	2 423 698,015	33,394	32,932
15	12	99 085	70 967,547	2 351 118,240	33,129	32,667
16	13	99 062	69 389,369	2 280 150,693	32,860	32,398
17	14	99 028	67 839,277	2 210 761,324	32,588	32,126
18	15	98 992	66 322,137	2 142 922,047	32,311	31,849
19	16	98 942	64 829,983	2 076 599,910	32,031	31,569
20	17	98 888	63 368,861	2 011 769,927	31,747	31,285
21	18	98 832	61 939,238	1 948 401,066	31,457	30,995
22	19	98 772	60 539,793	1 886 461,828	31,161	30,699
23	20	98 710	59 170,417	1 825 922,034	30,859	30,397
24	21	98 651	57 833,985	1 766 751,617	30,549	30,087
25	22	98 588	56 525,173	1 708 917,632	30,233	29,771
26	23	98 529	55 248,138	1 652 392,458	29,909	29,447
27	24	98 466	53 997,896	1 597 144,320	29,578	29,116
28	25	98 403	52 775,791	1 543 146,424	29,240	28,778
29	26	98 336	51 579,627	1 490 370,633	28,895	28,433
30	27	98 267	50 408,820	1 438 791,006	28,542	28,080
31	28	98 190	49 261,300	1 388 382,186	28,184	27,722
32	29	98 107	48 136,294	1 339 120,886	27,819	27,357
33	30	98 019	47 035,039	1 290 984,592	27,447	26,985
34	31	97 916	45 951,803	1 243 949,554	27,071	26,609
35	32	97 810	44 891,955	1 197 997,751	26,686	26,224
36	33	97 698	43 853,859	1 153 105,796	26,294	25,832
37	34	97 579	42 836,557	1 109 251,937	25,895	25,433
38	35	97 444	41 835,903	1 066 415,379	25,490	25,028
39	36	97 300	40 854,779	1 024 579,477	25,079	24,617
40	37	97 147	39 892,966	983 724,697	24,659	24,197
41	38	96 981	38 948,338	943 831,732	24,233	23,771
42	39	96 793	38 017,531	904 883,393	23,802	23,340
43	40	96 595	37 105,071	866 865,863	23,362	22,900
44	41	96 380	36 207,859	829 760,791	22,917	22,455
45	42	96 136	35 321,273	793 552,933	22,467	22,005
46	43	95 871	34 449,005	758 231,660	22,010	21,548
47	44	95 576	33 587,014	723 782,654	21,549	21,087
48	45	95 257	32 738,348	690 195,641	21,082	20,620
49	46	94 894	31 896,126	657 457,293	20,612	20,150
50	47	94 497	31 063,703	625 561,166	20,138	19,676
51	48	94 054	30 237,668	594 497,463	19,661	19,199
52	49	93 556	29 415,850	564 259,796	19,182	18,720
53	50	93 006	28 599,353	534 843,946	18,701	18,239
54	51	92 398	27 787,051	506 244,592	18,219	17,757
55	52	91 710	26 973,208	478 457,541	17,738	17,276
56	53	90 955	26 162,515	451 484,334	17,257	16,795
57	54	90 124	25 352,996	425 321,819	16,776	16,314
58	55	89 204	24 542,200	399 968,823	16,297	15,835
59	56	88 190	23 729,117	375 426,623	15,821	15,359
60	57	87 089	22 917,288	351 697,507	15,346	14,884
61	58	85 894	22 105,561	328 780,219	14,873	14,411
62	59	84 595	21 292,168	306 674,658	14,403	13,941
63	60	83 192	20 478,143	285 382,490	13,936	13,474
64	61	81 679	19 663,310	264 904,347	13,472	13,010
65	62	80 057	18 848,753	245 241,037	13,011	12,549
66	63	78 339	18 038,378	226 392,284	12,551	12,089
67	64	76 518	17 231,408	208 353,906	12,092	11,630
68	65	74 579	16 425,291	191 122,498	11,636	11,174
69	66	72 566	15 630,168	174 697,207	11,177	10,715
70	67	70 412	14 832,584	159 067,039	10,724	10,262
71	68	68 189	14 048,183	144 234,455	10,267	9,805
72	69	65 813	13 260,287	130 186,272	9,818	9,356
73	70	63 349	12 483,007	116 925,985	9,367	8,905
74	71	60 753	11 707,988	104 442,977	8,921	8,459
75	72	58 058	10 942,406	92 734,989	8,475	8,013
76	73	55 275	10 188,613	81 792,583	8,028	7,566
77	74	52 346	9 436,511	71 603,971	7,588	7,126
78	75	49 320	8 695,316	62 167,459	7,150	6,688
79	76	46 172	7 961,198	53 472,144	6,717	6,255
80	77	42 896	7 233,633	45 510,946	6,292	5,830
81	78	39 513	6 516,448	38 277,313	5,874	5,412
82	79	35 949	5 798,152	31 760,865	5,478	5,016
83	80	32 289	5 093,372	25 962,712	5,097	4,635
84	81	28 578	4 408,667	20 869,340	4,734	4,272
85	82	24 841	3 747,941	16 460,673	4,392	3,930
86	83	21 143	3 119,716	12 712,731	4,075	3,613
87	84	17 596	2 539,269	9 593,016	3,778	3,316
88	85	14 276	2 014,878	7 053,747	3,501	3,039
89	86	11 228	1 549,814	5 038,869	3,251	2,789
90	87	8 557	1 155,126	3 489,055	3,020	2,558
91	88	6 304	832,185	2 333,929	2,805	2,343
92	89	4 472	577,406	1 501,743	2,601	2,139
93	90	3 015	380,775	924,337	2,428	1,966
94	91	1 945	240,197	543,563	2,263	1,801
95	92	1 182	142,735	303,366	2,125	1,663
96	93	682	80,514	160,631	1,995	1,533
97	94	365	42,207	80,117	1,898	1,436
98	95	187	21,082	37,909	1,798	1,336
99	96	89	9,847	16,827	1,709	1,247
100	97	39	4,239	6,981	1,647	1,185

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4	0	99 590	91 109,092	3 252 384,733	35,698	35,236
5	1	99 280	88 826,994	3 161 275,641	35,589	35,127
6	2	99 245	86 842,102	3 072 448,647	35,380	34,918
7	3	99 224	84 912,880	2 985 606,545	35,161	34,699
8	4	99 205	83 028,665	2 900 693,665	34,936	34,474
9	5	99 187	81 186,915	2 817 665,000	34,706	34,244
10	6	99 170	79 386,980	2 736 478,085	34,470	34,008
11	7	99 154	77 627,059	2 657 091,105	34,229	33,767
12	8	99 142	75 909,482	2 579 464,045	33,981	33,519
13	9	99 128	74 228,819	2 503 554,563	33,728	33,266
14	10	99 112	72 584,021	2 429 325,744	33,469	33,007
15	11	99 093	70 973,035	2 356 741,724	33,206	32,744
16	12	99 070	69 394,818	2 285 768,689	32,939	32,477
17	13	99 037	67 845,669	2 216 373,871	32,668	32,206
18	14	99 001	66 328,253	2 148 528,201	32,392	31,930
19	15	98 954	64 837,872	2 082 199,948	32,114	31,652
20	16	98 902	63 378,193	2 017 362,077	31,831	31,369
21	17	98 845	61 947,673	1 953 983,884	31,542	31,080
22	18	98 791	60 551,723	1 892 036,211	31,247	30,785
23	19	98 727	59 180,762	1 831 484,488	30,947	30,485
24	20	98 670	57 844,679	1 772 303,726	30,639	30,177
25	21	98 604	56 534,496	1 714 459,047	30,326	29,864
26	22	98 545	55 257,135	1 657 924,551	30,004	29,542
27	23	98 484	54 007,616	1 602 667,416	29,675	29,213
28	24	98 421	52 785,289	1 548 659,801	29,339	28,877
29	25	98 355	51 589,440	1 495 874,511	28,996	28,534
30	26	98 285	50 418,308	1 444 285,071	28,646	28,184
31	27	98 211	49 271,903	1 393 866,763	28,289	27,827
32	28	98 130	48 147,640	1 344 594,860	27,926	27,464
33	29	98 045	47 047,213	1 296 447,221	27,556	27,094
34	30	97 947	45 966,381	1 249 400,008	27,181	26,719
35	31	97 841	44 906,055	1 203 433,627	26,799	26,337
36	32	97 732	43 868,890	1 158 527,572	26,409	25,947
37	33	97 614	42 851,998	1 114 658,682	26,012	25,550
38	34	97 484	41 852,895	1 071 806,684	25,609	25,147
39	35	97 340	40 871,624	1 029 953,789	25,200	24,738
40	36	97 191	39 911,265	989 082,165	24,782	24,320
41	37	97 027	38 966,835	949 170,900	24,358	23,896
42	38	96 851	38 040,479	910 204,066	23,927	23,465
43	39	96 653	37 127,390	872 163,587	23,491	23,029
44	40	96 447	36 232,703	835 036,197	23,046	22,584
45	41	96 207	35 347,440	798 803,494	22,599	22,137
46	42	95 948	34 476,371	763 456,054	22,144	21,682
47	43	95 663	33 617,541	728 979,683	21,685	21,222
48	44	95 349	32 770,154	695 362,142	21,219	20,757
49	45	95 004	31 932,921	662 591,988	20,749	20,287
50	46	94 612	31 101,569	630 659,068	20,277	19,815
51	47	94 183	30 279,159	599 557,498	19,801	19,339
52	48	93 706	29 462,815	569 278,339	19,322	18,860
53	49	93 169	28 649,435	539 815,524	18,842	18,380
54	50	92 569	27 838,642	511 166,089	18,362	17,900
55	51	91 907	27 031,127	483 327,448	17,880	17,418
56	52	91 167	26 223,694	456 296,320	17,400	16,938
57	53	90 356	25 418,262	430 072,627	16,920	16,458
58	54	89 463	24 613,300	404 654,365	16,440	15,978
59	55	88 477	23 806,379	380 041,065	15,964	15,502
60	56	87 401	22 999,556	356 234,686	15,489	15,027
61	57	86 233	22 192,648	333 235,130	15,016	14,554
62	58	84 965	21 385,181	311 042,482	14,545	14,083
63	59	83 585	20 574,976	289 657,301	14,078	13,616
64	60	82 112	19 767,603	269 082,325	13,612	13,150
65	61	80 515	18 956,538	249 314,722	13,152	12,690
66	62	78 822	18 149,716	230 358,184	12,692	12,230
67	63	77 038	17 348,491	212 208,468	12,232	11,770
68	64	75 141	16 548,956	194 859,977	11,775	11,313
69	65	73 149	15 755,748	178 311,020	11,317	10,855
70	66	71 035	14 963,698	162 555,272	10,863	10,401
71	67	68 842	14 182,666	147 591,575	10,406	9,944
72	68	66 509	13 400,532	133 408,908	9,955	9,493
73	69	64 090	12 628,930	120 008,376	9,503	9,041
74	70	61 528	11 857,377	107 379,446	9,056	8,594
75	71	58 864	11 094,419	95 522,069	8,610	8,148
76	72	56 106	10 341,812	84 427,650	8,164	7,702
77	73	53 220	9 594,008	74 085,838	7,722	7,260
78	74	50 216	8 853,286	64 491,830	7,285	6,822
79	75	47 078	8 117,305	55 638,544	6,854	6,392
80	76	43 842	7 393,072	47 521,239	6,428	5,966
81	77	40 476	6 675,297	40 128,167	6,011	5,549
82	78	36 963	5 961,791	33 452,871	5,611	5,149
83	79	33 337	5 258,568	27 491,079	5,228	4,766
84	80	29 659	4 575,497	22 232,512	4,859	4,397
85	81	25 949	3 915,010	17 657,015	4,510	4,048
86	82	22 241	3 281,766	13 742,005	4,187	3,725
87	83	18 654	2 691,932	10 460,239	3,886	3,424
88	84	15 272	2 155,326	7 768,307	3,604	3,142
89	85	12 154	1 677,514	5 612,981	3,346	2,884
90	86	9 374	1 265,448	3 935,467	3,110	2,648
91	87	7 003	924,594	2 670,019	2,888	2,426
92	88	5 049	651,849	1 745,425	2,678	2,216
93	89	3 464	437,430	1 093,576	2,500	2,038
94	90	2 281	281,748	656,146	2,329	1,867
95	91	1 420	171,482	374,399	2,183	1,721
96	92	839	99,094	202,917	2,048	1,586
97	93	462	53,358	103,823	1,946	1,484
98	94	242	27,385	50,465	1,843	1,381
99	95	119	13,178	23,080	1,751	1,289
100	96	55	5,934	9,902	1,669	1,207

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5	0	99 579	89 094,754	3 166 796,950	35,544	35,082
6	1	99 270	86 863,639	3 077 702,196	35,431	34,969
7	2	99 236	84 923,430	2 990 838,557	35,218	34,756
8	3	99 215	83 037,228	2 905 915,127	34,995	34,533
9	4	99 197	81 194,684	2 822 877,899	34,767	34,305
10	5	99 179	79 394,053	2 741 683,214	34,533	34,071
11	6	99 163	77 633,927	2 662 289,162	34,293	33,831
12	7	99 146	75 913,009	2 584 655,235	34,048	33,586
13	8	99 135	74 233,992	2 508 742,226	33,795	33,333
14	9	99 118	72 588,461	2 434 508,234	33,539	33,076
15	10	99 099	70 977,187	2 361 919,773	33,277	32,815
16	11	99 077	69 400,185	2 290 942,587	33,011	32,549
17	12	99 045	67 850,997	2 221 542,402	32,741	32,279
18	13	99 010	66 334,502	2 153 691,404	32,467	32,005
19	14	98 963	64 843,851	2 087 356,902	32,191	31,728
20	15	98 914	63 385,905	2 022 513,051	31,908	31,446
21	16	98 860	61 956,796	1 959 127,146	31,621	31,159
22	17	98 805	60 559,969	1 897 170,350	31,327	30,865
23	18	98 747	59 192,423	1 836 610,381	31,028	30,566
24	19	98 687	57 854,792	1 777 417,958	30,722	30,260
25	20	98 623	56 544,950	1 719 563,166	30,411	29,949
26	21	98 561	55 266,248	1 663 018,216	30,091	29,629
27	22	98 500	54 016,410	1 607 751,968	29,764	29,302
28	23	98 438	52 794,790	1 553 735,558	29,430	28,968
29	24	98 373	51 598,725	1 500 940,768	29,089	28,627
30	25	98 304	50 427,901	1 449 342,043	28,741	28,279
31	26	98 230	49 281,177	1 398 914,142	28,386	27,924
32	27	98 151	48 158,002	1 349 632,965	28,025	27,563
33	28	98 068	47 058,302	1 301 474,963	27,657	27,195
34	29	97 973	45 978,278	1 254 416,661	27,283	26,821
35	30	97 872	44 920,301	1 208 438,383	26,902	26,440
36	31	97 763	43 882,669	1 163 518,082	26,514	26,052
37	32	97 648	42 866,686	1 119 635,413	26,119	25,657
38	33	97 519	41 867,981	1 076 768,727	25,718	25,256
39	34	97 380	40 888,224	1 034 900,746	25,310	24,848
40	35	97 232	39 927,720	994 012,522	24,895	24,433
41	36	97 071	38 984,709	954 084,801	24,473	24,011
42	37	96 897	38 058,544	915 100,092	24,045	23,583
43	38	96 712	37 149,801	877 041,549	23,608	23,146
44	39	96 505	36 254,497	839 891,748	23,167	22,705
45	40	96 273	35 371,694	803 637,251	22,720	22,258
46	41	96 019	34 501,911	768 265,557	22,267	21,805
47	42	95 739	33 644,246	733 763,645	21,809	21,347
48	43	95 436	32 799,939	700 119,399	21,345	20,883
49	44	95 096	31 963,944	667 319,461	20,877	20,415
50	45	94 722	31 137,447	635 355,517	20,405	19,943
51	46	94 298	30 316,070	604 218,069	19,931	19,469
52	47	93 834	29 503,243	573 902,000	19,452	18,990
53	48	93 318	28 695,176	544 398,756	18,972	18,510
54	49	92 731	27 887,391	515 703,580	18,492	18,030
55	50	92 077	27 081,314	487 816,189	18,013	17,551
56	51	91 363	26 280,004	460 734,875	17,532	17,070
57	52	90 567	25 477,700	434 454,871	17,052	16,590
58	53	89 693	24 676,662	408 977,171	16,573	16,111
59	54	88 733	23 875,348	384 300,509	16,096	15,634
60	55	87 686	23 074,443	360 425,162	15,620	15,158
61	56	86 542	22 272,315	337 350,718	15,147	14,685
62	57	85 299	21 469,430	315 078,403	14,676	14,214
63	58	83 950	20 664,856	293 608,974	14,208	13,746
64	59	82 500	19 861,077	272 944,118	13,743	13,281
65	60	80 942	19 057,082	253 083,041	13,280	12,818
66	61	79 273	18 253,503	234 025,959	12,821	12,359
67	62	77 513	17 455,571	215 772,455	12,361	11,899
68	63	75 651	16 661,402	198 316,884	11,903	11,441
69	64	73 700	15 874,372	181 655,482	11,443	10,981
70	65	71 606	15 083,923	165 781,110	10,991	10,529
71	66	69 451	14 308,035	150 697,187	10,532	10,070
72	67	67 146	13 528,816	136 389,152	10,081	9,619
73	68	64 768	12 762,498	122 860,336	9,627	9,165
74	69	62 247	11 995,986	110 097,838	9,178	8,716
75	70	59 616	11 235,979	98 101,853	8,731	8,269
76	71	56 885	10 485,482	86 865,874	8,284	7,822
77	72	54 020	9 738,267	76 380,392	7,843	7,381
78	73	51 054	9 001,049	66 642,125	7,404	6,942
79	74	47 933	8 264,775	57 641,076	6,974	6,512
80	75	44 702	7 538,039	49 376,302	6,550	6,088
81	76	41 368	6 822,429	41 838,263	6,132	5,670
82	77	37 864	6 107,119	35 015,834	5,734	5,272
83	78	34 278	5 406,978	28 908,715	5,347	4,885
84	79	30 621	4 723,895	23 501,736	4,975	4,513
85	80	26 931	4 063,159	18 777,841	4,621	4,159
86	81	23 232	3 428,054	14 714,682	4,292	3,830
87	82	19 623	2 831,761	11 286,628	3,986	3,524
88	83	16 190	2 284,906	8 454,867	3,700	3,238
89	84	13 001	1 794,446	6 169,960	3,438	2,976
90	85	10 147	1 369,717	4 375,514	3,194	2,732
91	86	7 672	1 012,899	3 005,797	2,968	2,506
92	87	5 609	724,232	1 992,898	2,752	2,290
93	88	3 911	493,826	1 268,666	2,569	2,107
94	89	2 621	323,668	774,840	2,394	1,932
95	90	1 665	201,146	451,172	2,243	1,781
96	91	1 008	119,052	250,026	2,100	1,638
97	92	568	65,671	130,975	1,994	1,532
98	93	306	34,619	65,303	1,886	1,424
99	94	155	17,118	30,684	1,793	1,330
100	95	73	7,941	13,566	1,708	1,246

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	87 125,481	3 082 796,235	35,383	34,921
7	1	99 261	84 944,491	2 995 670,754	35,266	34,804
8	2	99 228	83 047,545	2 910 726,263	35,049	34,587
9	3	99 207	81 203,059	2 827 678,718	34,822	34,360
10	4	99 189	79 401,651	2 746 475,659	34,590	34,128
11	5	99 171	77 640,843	2 667 074,009	34,351	33,889
12	6	99 155	75 919,725	2 589 433,166	34,108	33,645
13	7	99 139	74 237,440	2 513 513,441	33,858	33,396
14	8	99 125	72 593,520	2 439 276,001	33,602	33,140
15	9	99 105	70 981,529	2 366 682,481	33,342	32,880
16	10	99 083	69 404,244	2 295 700,952	33,077	32,615
17	11	99 053	67 856,245	2 226 296,708	32,809	32,347
18	12	99 018	66 339,712	2 158 440,463	32,536	32,074
19	13	98 972	64 849,960	2 092 100,751	32,261	31,799
20	14	98 923	63 391,750	2 027 250,791	31,980	31,518
21	15	98 872	61 964,335	1 963 859,041	31,693	31,231
22	16	98 819	60 568,888	1 901 894,706	31,401	30,939
23	17	98 760	59 200,484	1 841 325,818	31,103	30,641
24	18	98 706	57 866,192	1 782 125,334	30,797	30,335
25	19	98 640	56 554,835	1 724 259,141	30,488	30,026
26	20	98 579	55 276,467	1 667 704,306	30,170	29,708
27	21	98 516	54 025,319	1 612 427,839	29,846	29,384
28	22	98 454	52 803,387	1 558 402,520	29,513	29,051
29	23	98 391	51 608,012	1 505 599,133	29,174	28,712
30	24	98 322	50 436,976	1 453 991,121	28,828	28,366
31	25	98 249	49 290,553	1 403 554,145	28,475	28,013
32	26	98 169	48 167,067	1 354 263,591	28,116	27,654
33	27	98 089	47 068,430	1 306 096,524	27,749	27,287
34	28	97 996	45 989,115	1 259 028,094	27,377	26,915
35	29	97 897	44 931,928	1 213 038,978	26,997	26,535
36	30	97 794	43 896,590	1 168 107,051	26,610	26,148
37	31	97 679	42 880,150	1 124 210,460	26,218	25,755
38	32	97 552	41 882,331	1 081 330,310	25,818	25,356
39	33	97 415	40 902,963	1 039 447,979	25,413	24,951
40	34	97 271	39 943,937	998 545,016	24,999	24,537
41	35	97 111	39 000,782	958 601,079	24,579	24,117
42	36	96 942	38 076,001	919 600,297	24,152	23,690
43	37	96 758	37 167,443	881 524,295	23,718	23,256
44	38	96 563	36 276,381	844 356,852	23,276	22,814
45	39	96 331	35 392,970	808 080,471	22,832	22,370
46	40	96 085	34 525,585	772 687,501	22,380	21,918
47	41	95 809	33 669,170	738 161,916	21,924	21,462
48	42	95 512	32 825,995	704 492,745	21,461	20,999
49	43	95 183	31 992,996	671 666,751	20,994	20,532
50	44	94 814	31 167,698	639 673,755	20,524	20,062
51	45	94 407	30 351,041	608 506,057	20,049	19,587
52	46	93 949	29 539,208	578 155,016	19,572	19,110
53	47	93 446	28 734,551	548 615,808	19,093	18,631
54	48	92 879	27 931,916	519 881,257	18,612	18,150
55	49	92 238	27 128,737	491 949,342	18,134	17,672
56	50	91 533	26 328,796	464 820,604	17,654	17,192
57	51	90 761	25 532,408	438 491,808	17,174	16,712
58	52	89 903	24 734,366	412 959,399	16,696	16,234
59	53	88 961	23 936,810	388 225,033	16,219	15,757
60	54	87 940	23 141,291	364 288,224	15,742	15,280
61	55	86 824	22 344,834	341 146,932	15,267	14,805
62	56	85 606	21 546,501	318 802,098	14,796	14,334
63	57	84 281	20 746,267	297 255,598	14,328	13,866
64	58	82 861	19 947,838	276 509,331	13,862	13,400
65	59	81 324	19 147,196	256 561,493	13,399	12,937
66	60	79 693	18 350,319	237 414,297	12,938	12,476
67	61	77 957	17 555,389	219 063,978	12,478	12,016
68	62	76 118	16 764,242	201 508,589	12,020	11,558
69	63	74 200	15 982,234	184 744,347	11,559	11,097
70	64	72 145	15 197,489	168 762,113	11,105	10,643
71	65	70 009	14 422,993	153 564,624	10,647	10,185
72	66	67 739	13 648,404	139 141,631	10,195	9,733
73	67	65 388	12 884,673	125 493,227	9,740	9,278
74	68	62 906	12 122,860	112 608,554	9,289	8,827
75	69	60 312	11 367,324	100 485,694	8,840	8,378
76	70	57 611	10 619,272	89 118,370	8,392	7,930
77	71	54 771	9 873,552	78 499,099	7,950	7,488
78	72	51 822	9 136,392	68 625,547	7,511	7,049
79	73	48 733	8 402,715	59 489,155	7,080	6,618
80	74	45 514	7 674,985	51 086,440	6,656	6,194
81	75	42 179	6 956,206	43 411,455	6,241	5,779
82	76	38 699	6 241,728	36 455,249	5,841	5,379
83	77	35 113	5 538,782	30 213,521	5,455	4,993
84	78	31 485	4 857,216	24 674,739	5,080	4,618
85	79	27 804	4 194,941	19 817,522	4,724	4,262
86	80	24 111	3 557,776	15 622,582	4,391	3,929
87	81	20 498	2 957,990	12 064,806	4,079	3,617
88	82	17 031	2 403,593	9 106,816	3,789	3,327
89	83	13 782	1 902,330	6 703,222	3,524	3,062
90	84	10 854	1 465,194	4 800,892	3,277	2,815
91	85	8 305	1 096,359	3 335,699	3,043	2,581
92	86	6 145	793,401	2 239,340	2,822	2,360
93	87	4 345	548,662	1 445,939	2,635	2,173
94	88	2 959	365,398	897,277	2,456	1,994
95	89	1 913	231,074	531,879	2,302	1,840
96	90	1 182	139,646	300,805	2,154	1,692
97	91	683	78,897	161,159	2,043	1,581
98	92	377	42,609	82,262	1,931	1,469
99	93	196	21,640	39,653	1,832	1,370
100	94	95	10,316	18,013	1,746	1,284

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 560	85 200,548	3 000 367,251	35,215	34,753
8	1	99 252	83 068,141	2 915 166,703	35,094	34,632
9	2	99 219	81 213,147	2 832 098,562	34,872	34,410
10	3	99 199	79 409,840	2 750 885,415	34,642	34,180
11	4	99 181	77 648,273	2 671 475,575	34,405	33,943
12	5	99 164	75 926,488	2 593 827,302	34,162	33,700
13	6	99 148	74 244,008	2 517 900,814	33,914	33,452
14	7	99 130	72 596,892	2 443 656,806	33,661	33,199
15	8	99 112	70 986,476	2 371 059,913	33,402	32,940
16	9	99 089	69 408,490	2 300 073,438	33,138	32,676
17	10	99 058	67 860,214	2 230 664,948	32,871	32,409
18	11	99 025	66 344,842	2 162 804,734	32,599	32,137
19	12	98 980	64 855,053	2 096 459,892	32,325	31,863
20	13	98 933	63 397,723	2 031 604,838	32,045	31,583
21	14	98 881	61 970,049	1 968 207,115	31,761	31,299
22	15	98 832	60 576,258	1 906 237,066	31,468	31,006
23	16	98 775	59 209,203	1 845 660,809	31,172	30,710
24	17	98 720	57 874,073	1 786 451,606	30,868	30,406
25	18	98 659	56 565,980	1 728 577,533	30,559	30,097
26	19	98 597	55 286,131	1 672 011,553	30,243	29,781
27	20	98 534	54 035,309	1 616 725,423	29,920	29,458
28	21	98 471	52 812,096	1 562 690,114	29,590	29,128
29	22	98 407	51 616,416	1 509 878,018	29,252	28,790
30	23	98 339	50 446,055	1 458 261,602	28,907	28,445
31	24	98 266	49 299,424	1 407 815,548	28,556	28,094
32	25	98 188	48 176,231	1 358 516,123	28,199	27,737
33	26	98 107	47 077,290	1 310 339,892	27,834	27,372
34	27	98 017	45 999,014	1 263 262,602	27,463	27,001
35	28	97 920	44 942,518	1 217 263,588	27,085	26,623
36	29	97 819	43 907,952	1 172 321,070	26,700	26,238
37	30	97 709	42 893,753	1 128 413,118	26,307	25,845
38	31	97 583	41 895,486	1 085 519,365	25,910	25,448
39	32	97 448	40 916,982	1 043 623,879	25,506	25,044
40	33	97 306	39 958,336	1 002 706,897	25,094	24,632
41	34	97 151	39 016,623	962 748,561	24,675	24,213
42	35	96 982	38 091,700	923 731,938	24,250	23,788
43	36	96 802	37 184,492	885 640,238	23,817	23,355
44	37	96 609	36 293,608	848 455,746	23,378	22,916
45	38	96 389	35 414,334	812 162,137	22,933	22,471
46	39	96 142	34 546,353	776 747,804	22,484	22,022
47	40	95 875	33 692,273	742 201,451	22,029	21,567
48	41	95 583	32 850,312	708 509,178	21,568	21,106
49	42	95 258	32 018,411	675 658,866	21,102	20,640
50	43	94 900	31 196,026	643 640,455	20,632	20,170
51	44	94 498	30 380,528	612 444,429	20,159	19,697
52	45	94 057	29 573,283	582 063,901	19,682	19,220
53	46	93 560	28 769,579	552 490,618	19,204	18,742
54	47	93 007	27 970,243	523 721,040	18,724	18,262
55	48	92 386	27 172,051	495 750,796	18,245	17,783
56	49	91 693	26 374,902	468 578,745	17,766	17,304
57	50	90 930	25 579,813	442 203,844	17,287	16,825
58	51	90 096	24 787,478	416 624,031	16,808	16,346
59	52	89 169	23 992,784	391 836,553	16,331	15,869
60	53	88 166	23 200,864	367 843,769	15,855	15,393
61	54	87 075	22 409,569	344 642,905	15,379	14,917
62	55	85 884	21 616,656	322 233,336	14,907	14,445
63	56	84 583	20 820,742	300 616,680	14,438	13,976
64	57	83 187	20 026,424	279 795,938	13,971	13,509
65	58	81 680	19 230,839	259 769,514	13,508	13,046
66	59	80 070	18 437,090	240 538,675	13,046	12,584
67	60	78 370	17 648,502	222 101,585	12,585	12,123
68	61	76 554	16 860,106	204 453,083	12,126	11,664
69	62	74 658	16 080,882	187 592,977	11,666	11,204
70	63	72 635	15 300,752	171 512,095	11,209	10,747
71	64	70 536	14 531,582	156 211,343	10,750	10,288
72	65	68 284	13 758,062	141 679,760	10,298	9,836
73	66	65 966	12 998,568	127 921,698	9,841	9,379
74	67	63 508	12 238,912	114 923,130	9,390	8,928
75	68	60 950	11 487,548	102 684,219	8,939	8,477
76	69	58 285	10 743,408	91 196,670	8,489	8,027
77	70	55 470	9 999,534	80 453,262	8,046	7,584
78	71	52 542	9 263,316	70 453,729	7,606	7,144
79	72	49 466	8 529,061	61 190,413	7,174	6,712
80	73	46 273	7 803,081	52 661,352	6,749	6,287
81	74	42 946	7 082,582	44 858,271	6,334	5,872
82	75	39 458	6 364,119	37 775,689	5,936	5,474
83	76	35 887	5 660,864	31 411,570	5,549	5,087
84	77	32 253	4 975,619	25 750,706	5,175	4,713
85	78	28 589	4 313,333	20 775,087	4,816	4,354
86	79	24 893	3 673,167	16 461,754	4,482	4,020
87	80	21 273	3 069,924	12 788,587	4,166	3,704
88	81	17 790	2 510,736	9 718,663	3,871	3,409
89	82	14 498	2 001,144	7 207,927	3,602	3,140
90	83	11 507	1 553,283	5 206,783	3,352	2,890
91	84	8 883	1 172,781	3 653,500	3,115	2,653
92	85	6 651	858,775	2 480,719	2,889	2,427
93	86	4 760	601,063	1 621,944	2,698	2,236
94	87	3 287	405,973	1 020,882	2,515	2,053
95	88	2 160	260,865	614,909	2,357	1,895
96	89	1 358	160,424	354,044	2,207	1,745
97	90	801	92,545	193,620	2,092	1,630
98	91	453	51,190	101,074	1,975	1,512
99	92	241	26,634	49,885	1,873	1,411
100	93	121	13,041	23,251	1,783	1,321

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 552	83 318,542	2 919 494,563	35,040	34,578
9	1	99 244	81 233,288	2 836 176,021	34,914	34,452
10	2	99 211	79 419,706	2 754 942,733	34,688	34,226
11	3	99 191	77 656,282	2 675 523,027	34,453	33,991
12	4	99 173	75 933,754	2 597 866,745	34,212	33,750
13	5	99 157	74 250,622	2 521 932,991	33,965	33,503
14	6	99 139	72 603,315	2 447 682,369	33,713	33,251
15	7	99 116	70 989,773	2 375 079,055	33,457	32,995
16	8	99 096	69 413,327	2 304 089,281	33,194	32,732
17	9	99 065	67 864,365	2 234 675,954	32,929	32,467
18	10	99 031	66 348,723	2 166 811,588	32,658	32,196
19	11	98 988	64 860,069	2 100 462,865	32,385	31,923
20	12	98 940	63 402,702	2 035 602,797	32,106	31,644
21	13	98 890	61 975,888	1 972 200,095	31,822	31,360
22	14	98 841	60 581,844	1 910 224,207	31,531	31,069
23	15	98 787	59 216,407	1 849 642,363	31,235	30,773
24	16	98 734	57 882,596	1 790 425,956	30,932	30,470
25	17	98 673	56 573,683	1 732 543,360	30,625	30,163
26	18	98 616	55 297,025	1 675 969,677	30,308	29,846
27	19	98 551	54 044,755	1 620 672,652	29,988	29,526
28	20	98 489	52 821,862	1 566 627,897	29,659	29,197
29	21	98 423	51 624,929	1 513 806,035	29,323	28,861
30	22	98 355	50 454,269	1 462 181,107	28,980	28,518
31	23	98 284	49 308,298	1 411 726,838	28,631	28,169
32	24	98 206	48 184,902	1 362 418,540	28,275	27,813
33	25	98 126	47 086,247	1 314 233,638	27,911	27,449
34	26	98 035	46 007,672	1 267 147,391	27,542	27,080
35	27	97 942	44 952,191	1 221 139,719	27,165	26,703
36	28	97 842	43 918,301	1 176 187,528	26,781	26,319
37	29	97 735	42 904,855	1 132 269,227	26,390	25,928
38	30	97 614	41 908,777	1 089 364,371	25,994	25,532
39	31	97 479	40 929,834	1 047 455,594	25,591	25,129
40	32	97 339	39 972,031	1 006 525,760	25,181	24,719
41	33	97 186	39 030,687	966 553,729	24,764	24,302
42	34	97 021	38 107,171	927 523,042	24,340	23,878
43	35	96 842	37 199,823	889 415,871	23,909	23,447
44	36	96 653	36 310,257	852 216,047	23,470	23,008
45	37	96 435	35 431,152	815 905,791	23,028	22,566
46	38	96 200	34 567,206	780 474,639	22,578	22,116
47	39	95 933	33 712,539	745 907,433	22,126	21,664
48	40	95 648	32 872,853	712 194,895	21,665	21,203
49	41	95 329	32 042,130	679 322,041	21,201	20,739
50	42	94 975	31 220,808	647 279,911	20,732	20,270
51	43	94 584	30 408,140	616 059,104	20,260	19,798
52	44	94 149	29 602,014	585 650,963	19,784	19,322
53	45	93 668	28 802,766	556 048,949	19,305	18,843
54	46	93 120	28 004,339	527 246,183	18,827	18,365
55	47	92 512	27 209,336	499 241,844	18,348	17,886
56	48	91 839	26 417,012	472 032,508	17,869	17,406
57	49	91 089	25 624,607	445 615,496	17,390	16,928
58	50	90 263	24 833,500	419 990,890	16,912	16,450
59	51	89 361	24 044,304	395 157,390	16,435	15,973
60	52	88 373	23 255,117	371 113,086	15,958	15,496
61	53	87 300	22 467,257	347 857,969	15,483	15,021
62	54	86 133	21 679,281	325 390,712	15,009	14,547
63	55	84 859	20 888,535	303 711,431	14,540	14,078
64	56	83 486	20 098,315	282 822,896	14,072	13,610
65	57	82 001	19 306,600	262 724,581	13,608	13,146
66	58	80 420	18 517,631	243 417,981	13,145	12,683
67	59	78 741	17 731,955	224 900,350	12,683	12,221
68	60	76 960	16 949,531	207 168,395	12,223	11,761
69	61	75 085	16 172,838	190 218,864	11,762	11,300
70	62	73 083	15 395,193	174 046,025	11,305	10,843
71	63	71 015	14 630,321	158 650,832	10,844	10,382
72	64	68 798	13 861,646	144 020,511	10,390	9,928
73	65	66 496	13 103,005	130 158,865	9,934	9,471
74	66	64 069	12 347,098	117 055,861	9,480	9,018
75	67	61 534	11 597,519	104 708,762	9,029	8,567
76	68	58 901	10 857,034	93 111,244	8,576	8,114
77	69	56 118	10 116,425	82 254,210	8,131	7,669
78	70	53 212	9 381,511	72 137,785	7,689	7,227
79	71	50 153	8 647,548	62 756,273	7,257	6,795
80	72	46 969	7 920,411	54 108,726	6,832	6,370
81	73	43 663	7 200,791	46 188,315	6,414	5,952
82	74	40 174	6 479,738	38 987,523	6,017	5,555
83	75	36 591	5 771,865	32 507,785	5,632	5,170
84	76	32 964	5 085,288	26 735,921	5,258	4,795
85	77	29 286	4 418,477	21 650,633	4,900	4,438
86	78	25 596	3 776,833	17 232,155	4,563	4,101
87	79	21 963	3 169,492	13 455,322	4,245	3,783
88	80	18 463	2 605,745	10 285,830	3,947	3,485
89	81	15 144	2 090,347	7 680,085	3,674	3,212
90	82	12 104	1 633,966	5 589,737	3,421	2,959
91	83	9 417	1 243,290	3 955,771	3,182	2,720
92	84	7 115	918,636	2 712,481	2,953	2,491
93	85	5 152	650,588	1 793,845	2,757	2,295
94	86	3 601	444,746	1 143,257	2,571	2,109
95	87	2 400	289,833	698,511	2,410	1,948
96	88	1 533	181,107	408,678	2,257	1,795
97	89	920	106,315	227,572	2,141	1,679
98	90	531	60,045	121,257	2,019	1,557
99	91	290	31,998	61,212	1,913	1,451
100	92	149	16,051	29,214	1,820	1,358

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9	0	99 543	81 478,158	2 840 163,035	34,858	34,396
10	1	99 236	79 439,402	2 758 684,877	34,727	34,265
11	2	99 204	77 665,930	2 679 245,475	34,497	34,035
12	3	99 184	75 941,586	2 601 579,545	34,258	33,796
13	4	99 166	74 257,728	2 525 637,959	34,012	33,550
14	5	99 147	72 609,783	2 451 380,232	33,761	33,299
15	6	99 125	70 996,054	2 378 770,449	33,506	33,044
16	7	99 101	69 416,552	2 307 774,395	33,245	32,783
17	8	99 071	67 869,095	2 238 357,843	32,981	32,519
18	9	99 037	66 352,782	2 170 488,748	32,711	32,249
19	10	98 993	64 863,863	2 104 135,966	32,439	31,977
20	11	98 948	63 407,605	2 039 272,104	32,161	31,699
21	12	98 898	61 980,755	1 975 864,499	31,879	31,417
22	13	98 850	60 587,552	1 913 883,744	31,589	31,127
23	14	98 796	59 221,868	1 853 296,192	31,294	30,832
24	15	98 746	57 889,639	1 794 074,324	30,991	30,529
25	16	98 687	56 582,014	1 736 184,685	30,684	30,222
26	17	98 630	55 304,556	1 679 602,670	30,370	29,908
27	18	98 571	54 055,405	1 624 298,115	30,049	29,587
28	19	98 506	52 831,096	1 570 242,710	29,722	29,260
29	20	98 441	51 634,475	1 517 411,614	29,388	28,926
30	21	98 371	50 462,590	1 465 777,139	29,047	28,585
31	22	98 300	49 316,327	1 415 314,549	28,699	28,237
32	23	98 223	48 193,575	1 365 998,222	28,344	27,882
33	24	98 144	47 094,721	1 317 804,647	27,982	27,520
34	25	98 054	46 016,425	1 270 709,926	27,614	27,152
35	26	97 960	44 960,653	1 224 693,500	27,239	26,777
36	27	97 863	43 927,754	1 179 732,848	26,856	26,394
37	28	97 758	42 914,968	1 135 805,094	26,466	26,004
38	29	97 639	41 919,624	1 092 890,126	26,071	25,609
39	30	97 510	40 942,818	1 050 970,502	25,669	25,207
40	31	97 370	39 984,586	1 010 027,683	25,260	24,798
41	32	97 219	39 044,065	970 043,097	24,845	24,383
42	33	97 056	38 120,908	930 999,032	24,422	23,960
43	34	96 881	37 214,932	892 878,125	23,992	23,530
44	35	96 693	36 325,227	855 663,193	23,556	23,094
45	36	96 479	35 447,404	819 337,965	23,114	22,652
46	37	96 246	34 583,621	783 890,561	22,667	22,205
47	38	95 991	33 732,888	749 306,940	22,213	21,751
48	39	95 706	32 892,626	715 574,051	21,755	21,293
49	40	95 394	32 064,116	682 681,425	21,291	20,829
50	41	95 046	31 243,936	650 617,309	20,824	20,362
51	42	94 659	30 432,296	619 373,372	20,353	19,890
52	43	94 234	29 628,919	588 941,076	19,877	19,415
53	44	93 759	28 830,749	559 312,157	19,400	18,938
54	45	93 228	28 036,644	530 481,408	18,921	18,459
55	46	92 625	27 242,504	502 444,764	18,443	17,981
56	47	91 966	26 453,260	475 202,260	17,964	17,502
57	48	91 235	25 665,519	448 749,000	17,485	17,022
58	49	90 421	24 876,986	423 083,481	17,007	16,545
59	50	89 527	24 088,945	398 206,495	16,531	16,069
60	51	88 562	23 305,053	374 117,549	16,053	15,591
61	52	87 504	22 519,795	350 812,497	15,578	15,116
62	53	86 355	21 735,090	328 292,702	15,104	14,642
63	54	85 105	20 949,050	306 557,612	14,633	14,171
64	55	83 757	20 163,756	285 608,562	14,164	13,702
65	56	82 296	19 375,907	265 444,806	13,700	13,238
66	57	80 737	18 590,583	246 068,899	13,236	12,774
67	58	79 085	17 809,415	227 478,316	12,773	12,311
68	59	77 324	17 029,679	209 668,900	12,312	11,850
69	60	75 484	16 258,618	192 639,221	11,848	11,386
70	61	73 501	15 483,229	176 380,603	11,392	10,930
71	62	71 453	14 720,624	160 897,374	10,930	10,468
72	63	69 265	13 955,832	146 176,751	10,474	10,012
73	64	66 996	13 201,656	132 220,918	10,015	9,553
74	65	64 584	12 446,301	119 019,262	9,563	9,101
75	66	62 078	11 700,036	106 572,961	9,109	8,647
76	67	59 465	10 960,968	94 872,925	8,656	8,194
77	68	56 712	10 223,420	83 911,957	8,208	7,746
78	69	53 834	9 491,178	73 688,537	7,764	7,302
79	70	50 793	8 757,887	64 197,359	7,330	6,868
80	71	47 622	8 030,442	55 439,473	6,904	6,442
81	72	44 319	7 309,065	47 409,030	6,486	6,024
82	73	40 845	6 587,886	40 099,965	6,087	5,625
83	74	37 256	5 876,724	33 512,079	5,703	5,240
84	75	33 610	5 185,002	27 635,355	5,330	4,868
85	76	29 931	4 515,866	22 450,353	4,971	4,509
86	77	26 220	3 868,899	17 934,487	4,636	4,174
87	78	22 583	3 258,944	14 065,587	4,316	3,854
88	79	19 062	2 690,258	10 806,644	4,017	3,555
89	80	15 718	2 169,449	8 116,385	3,741	3,279
90	81	12 644	1 706,802	5 946,936	3,484	3,022
91	82	9 907	1 307,871	4 240,134	3,242	2,780
92	83	7 543	973,865	2 932,263	3,011	2,549
93	84	5 511	695,938	1 958,398	2,814	2,352
94	85	3 898	481,391	1 262,460	2,623	2,161
95	86	2 629	317,514	781,069	2,460	1,998
96	87	1 704	201,217	463,555	2,304	1,842
97	88	1 039	120,022	262,338	2,186	1,724
98	89	611	68,979	142,316	2,063	1,601
99	90	340	37,533	73,337	1,954	1,492
100	91	178	19,283	35,804	1,857	1,395

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10	0	99 535	79 678,864	2 762 357,463	34,669	34,207
11	1	99 228	77 685,191	2 682 678,599	34,533	34,071
12	2	99 196	75 951,021	2 604 993,408	34,298	33,836
13	3	99 177	74 265,387	2 529 042,388	34,054	33,592
14	4	99 157	72 616,731	2 454 777,001	33,805	33,343
15	5	99 134	71 002,379	2 382 160,270	33,550	33,088
16	6	99 109	69 422,693	2 311 157,891	33,291	32,829
17	7	99 076	67 872,248	2 241 735,198	33,029	32,567
18	8	99 044	66 357,406	2 173 862,950	32,760	32,298
19	9	98 999	64 867,831	2 107 505,544	32,489	32,027
20	10	98 954	63 411,314	2 042 637,713	32,213	31,750
21	11	98 905	61 985,548	1 979 226,399	31,930	31,468
22	12	98 858	60 592,310	1 917 240,851	31,642	31,180
23	13	98 805	59 227,448	1 856 648,541	31,348	30,886
24	14	98 755	57 894,977	1 797 421,093	31,046	30,584
25	15	98 699	56 588,899	1 739 526,116	30,740	30,278
26	16	98 644	55 312,700	1 682 937,216	30,426	29,964
27	17	98 584	54 062,766	1 627 624,516	30,106	29,644
28	18	98 525	52 841,507	1 573 561,750	29,779	29,317
29	19	98 458	51 643,502	1 520 720,243	29,446	28,984
30	20	98 390	50 471,922	1 469 076,742	29,107	28,645
31	21	98 316	49 324,461	1 418 604,820	28,761	28,299
32	22	98 239	48 201,422	1 369 280,359	28,407	27,945
33	23	98 161	47 103,198	1 321 078,937	28,046	27,584
34	24	98 072	46 024,707	1 273 975,739	27,680	27,218
35	25	97 979	44 969,207	1 227 951,032	27,306	26,844
36	26	97 881	43 936,022	1 182 981,825	26,925	26,463
37	27	97 779	42 924,205	1 139 045,803	26,536	26,074
38	28	97 662	41 929,505	1 096 121,598	26,142	25,680
39	29	97 535	40 953,416	1 054 192,094	25,741	25,279
40	30	97 401	39 997,271	1 013 238,678	25,333	24,871
41	31	97 250	39 056,328	973 241,407	24,919	24,457
42	32	97 089	38 133,974	934 185,079	24,497	24,035
43	33	96 916	37 228,347	896 051,105	24,069	23,607
44	34	96 732	36 339,981	858 822,759	23,633	23,171
45	35	96 519	35 462,019	822 482,777	23,193	22,731
46	36	96 290	34 599,485	787 020,758	22,747	22,285
47	37	96 036	33 748,908	752 421,273	22,295	21,833
48	38	95 763	32 912,481	718 672,365	21,836	21,374
49	39	95 452	32 083,403	685 759,885	21,374	20,912
50	40	95 111	31 265,375	653 676,481	20,907	20,445
51	41	94 730	30 454,841	622 411,107	20,437	19,975
52	42	94 309	29 652,456	591 956,266	19,963	19,501
53	43	93 844	28 856,953	562 303,810	19,486	19,024
54	44	93 318	28 063,882	533 446,857	19,008	18,546
55	45	92 732	27 273,930	505 382,975	18,530	18,068
56	46	92 078	26 485,507	478 109,045	18,052	17,590
57	47	91 360	25 700,736	451 623,538	17,572	17,110
58	48	90 566	24 916,705	425 922,801	17,094	16,632
59	49	89 684	24 131,128	401 006,096	16,618	16,156
60	50	88 727	23 348,322	376 874,968	16,141	15,679
61	51	87 692	22 568,152	353 526,646	15,665	15,203
62	52	86 557	21 785,916	330 958,495	15,191	14,729
63	53	85 324	21 002,979	309 172,579	14,720	14,258
64	54	84 000	20 222,171	288 169,600	14,250	13,788
65	55	82 564	19 438,996	267 947,429	13,784	13,322
66	56	81 027	18 657,319	248 508,433	13,320	12,858
67	57	79 396	17 879,577	229 851,114	12,856	12,393
68	58	77 661	17 104,072	211 971,537	12,393	11,931
69	59	75 841	16 335,499	194 867,465	11,929	11,467
70	60	73 891	15 565,351	178 531,966	11,470	11,008
71	61	71 862	14 804,802	162 966,615	11,008	10,546
72	62	69 693	14 041,972	148 161,813	10,551	10,089
73	63	67 451	13 291,358	134 119,841	10,091	9,629
74	64	65 070	12 540,008	120 828,483	9,635	9,173
75	65	62 577	11 794,039	108 288,475	9,182	8,720
76	66	59 991	11 057,858	96 494,435	8,726	8,264
77	67	57 254	10 321,289	85 436,577	8,278	7,816
78	68	54 404	9 591,560	75 115,288	7,831	7,369
79	69	51 386	8 860,263	65 523,728	7,395	6,933
80	70	48 229	8 132,907	56 663,464	6,967	6,505
81	71	44 935	7 410,603	48 530,557	6,549	6,087
82	72	41 459	6 686,943	41 119,954	6,149	5,687
83	73	37 877	5 974,807	34 433,010	5,763	5,301
84	74	34 221	5 279,200	28 458,203	5,391	4,929
85	75	30 518	4 604,415	23 179,003	5,034	4,572
86	76	26 798	3 954,175	18 574,587	4,697	4,235
87	77	23 134	3 338,386	14 620,413	4,379	3,917
88	78	19 600	2 766,185	11 282,027	4,079	3,617
89	79	16 227	2 239,811	8 515,842	3,802	3,340
90	80	13 122	1 771,390	6 276,031	3,543	3,081
91	81	10 348	1 366,171	4 504,641	3,297	2,835
92	82	7 934	1 024,452	3 138,471	3,064	2,602
93	83	5 843	737,778	2 114,019	2,865	2,403
94	84	4 170	514,947	1 376,240	2,673	2,211
95	85	2 846	343,676	861,293	2,506	2,044
96	86	1 866	220,435	517,618	2,348	1,886
97	87	1 154	133,350	297,183	2,229	1,767
98	88	689	77,872	163,833	2,104	1,642
99	89	390	43,118	85,961	1,994	1,532
100	90	209	22,619	42,843	1,894	1,432

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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10						
11	0	99 527	77 919,365	2 686 061,637	34,472	34,010
12	1	99 220	75 969,857	2 608 142,272	34,331	33,869
13	2	99 189	74 274,613	2 532 172,415	34,092	33,630
14	3	99 167	72 624,221	2 457 897,802	33,844	33,382
15	4	99 143	71 009,173	2 385 273,581	33,591	33,129
16	5	99 118	69 428,878	2 314 264,408	33,333	32,871
17	6	99 085	67 878,252	2 244 835,530	33,071	32,609
18	7	99 049	66 360,489	2 176 957,278	32,805	32,343
19	8	99 006	64 872,352	2 110 596,789	32,535	32,073
20	9	98 960	63 415,193	2 045 724,437	32,259	31,797
21	10	98 911	61 989,174	1 982 309,244	31,978	31,516
22	11	98 865	60 596,996	1 920 320,070	31,690	31,228
23	12	98 813	59 232,099	1 859 723,074	31,397	30,935
24	13	98 765	57 900,432	1 800 490,975	31,096	30,634
25	14	98 708	56 594,118	1 742 590,542	30,791	30,329
26	15	98 656	55 319,431	1 685 996,425	30,477	30,015
27	16	98 599	54 070,728	1 630 676,994	30,158	29,696
28	17	98 539	52 848,703	1 576 606,266	29,832	29,370
29	18	98 478	51 653,678	1 523 757,563	29,499	29,037
30	19	98 407	50 480,745	1 472 103,885	29,162	28,700
31	20	98 334	49 333,581	1 421 623,140	28,817	28,355
32	21	98 256	48 209,372	1 372 289,558	28,465	28,003
33	22	98 177	47 110,868	1 324 080,186	28,106	27,644
34	23	98 089	46 032,991	1 276 969,318	27,740	27,278
35	24	97 996	44 977,300	1 230 936,327	27,368	26,906
36	25	97 900	43 944,382	1 185 959,027	26,988	26,526
37	26	97 797	42 932,284	1 142 014,646	26,600	26,138
38	27	97 683	41 938,529	1 099 082,361	26,207	25,745
39	28	97 558	40 963,068	1 057 143,832	25,807	25,345
40	29	97 426	40 007,623	1 016 180,764	25,400	24,938
41	30	97 280	39 068,718	976 173,140	24,986	24,524
42	31	97 120	38 145,951	937 104,422	24,566	24,104
43	32	96 949	37 241,107	898 958,471	24,139	23,677
44	33	96 767	36 353,080	861 717,364	23,704	23,242
45	34	96 558	35 476,423	825 364,284	23,265	22,803
46	35	96 330	34 613,750	789 887,861	22,820	22,358
47	36	96 080	33 764,389	755 274,111	22,369	21,907
48	37	95 809	32 928,111	721 509,722	21,912	21,450
49	38	95 509	32 102,769	688 581,612	21,449	20,987
50	39	95 168	31 284,181	656 478,842	20,984	20,522
51	40	94 795	30 475,738	625 194,661	20,515	20,052
52	41	94 379	29 674,423	594 718,923	20,041	19,579
53	42	93 918	28 879,876	565 044,500	19,565	19,103
54	43	93 403	28 089,389	536 164,624	19,088	18,626
55	44	92 822	27 300,427	508 075,235	18,611	18,149
56	45	92 184	26 516,060	480 774,808	18,131	17,669
57	46	91 471	25 732,066	454 258,748	17,653	17,191
58	47	90 690	24 950,895	428 526,682	17,175	16,713
59	48	89 827	24 169,656	403 575,787	16,698	16,236
60	49	88 882	23 389,208	379 406,131	16,221	15,759
61	50	87 854	22 610,053	356 016,924	15,746	15,284
62	51	86 743	21 832,696	333 406,871	15,271	14,809
63	52	85 523	21 052,093	311 574,174	14,800	14,338
64	53	84 216	20 274,229	290 522,082	14,330	13,868
65	54	82 803	19 495,312	270 247,853	13,862	13,400
66	55	81 291	18 718,068	250 752,541	13,396	12,934
67	56	79 681	17 943,761	232 034,473	12,931	12,469
68	57	77 967	17 171,455	214 090,712	12,468	12,006
69	58	76 172	16 406,859	196 919,257	12,002	11,540
70	59	74 240	15 638,954	180 512,398	11,542	11,080
71	60	72 243	14 883,326	164 873,444	11,078	10,616
72	61	70 091	14 122,269	149 990,119	10,621	10,159
73	62	67 868	13 373,397	135 867,849	10,160	9,698
74	63	65 513	12 625,215	122 494,453	9,702	9,240
75	64	63 048	11 882,836	109 869,238	9,246	8,784
76	65	60 473	11 146,702	97 986,402	8,791	8,329
77	66	57 761	10 412,524	86 839,700	8,340	7,878
78	67	54 924	9 683,380	76 427,175	7,893	7,431
79	68	51 930	8 953,973	66 743,795	7,454	6,992
80	69	48 793	8 227,978	57 789,822	7,024	6,562
81	70	45 508	7 505,159	49 561,844	6,604	6,142
82	71	42 035	6 779,839	42 056,685	6,203	5,741
83	72	38 447	6 064,647	35 276,846	5,817	5,355
84	73	34 792	5 367,311	29 212,199	5,443	4,981
85	74	31 072	4 688,065	23 844,888	5,086	4,624
86	75	27 323	4 031,710	19 156,823	4,752	4,290
87	76	23 644	3 411,968	15 125,113	4,433	3,971
88	77	20 078	2 833,615	11 713,145	4,134	3,672
89	78	16 685	2 303,025	8 879,530	3,856	3,394
90	79	13 548	1 828,842	6 576,505	3,596	3,134
91	80	10 740	1 417,868	4 747,663	3,348	2,886
92	81	8 288	1 070,118	3 329,795	3,112	2,650
93	82	6 146	776,101	2 259,677	2,912	2,450
94	83	4 420	545,906	1 483,576	2,718	2,256
95	84	3 044	367,632	937,670	2,551	2,089
96	85	2 020	238,598	570,038	2,389	1,927
97	86	1 265	146,085	331,440	2,269	1,807
98	87	766	86,519	185,354	2,142	1,680
99	88	441	48,676	98,835	2,030	1,568
100	89	240	25,984	50,158	1,930	1,468

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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12	0	99 520	76 198,860	2 611 258,990	34,269	33,807
13	1	99 214	74 293,034	2 535 060,130	34,122	33,660
14	2	99 179	72 633,244	2 460 767,096	33,879	33,417
15	3	99 154	71 016,497	2 388 133,852	33,628	33,166
16	4	99 128	69 435,522	2 317 117,355	33,371	32,909
17	5	99 094	67 884,299	2 247 681,833	33,110	32,648
18	6	99 058	66 366,360	2 179 797,534	32,845	32,383
19	7	99 011	64 875,365	2 113 431,174	32,577	32,115
20	8	98 967	63 419,613	2 048 555,809	32,302	31,840
21	9	98 917	61 992,967	1 985 136,196	32,022	31,560
22	10	98 871	60 600,541	1 923 143,230	31,735	31,273
23	11	98 820	59 236,680	1 862 542,689	31,442	30,980
24	12	98 772	57 904,979	1 803 306,009	31,143	30,680
25	13	98 718	56 599,450	1 745 401,030	30,838	30,376
26	14	98 665	55 324,532	1 688 801,580	30,525	30,063
27	15	98 611	54 077,307	1 633 477,048	30,206	29,744
28	16	98 553	52 856,485	1 579 399,740	29,881	29,419
29	17	98 491	51 660,713	1 526 543,255	29,549	29,087
30	18	98 426	50 490,693	1 474 882,542	29,211	28,749
31	19	98 352	49 342,206	1 424 391,850	28,868	28,406
32	20	98 274	48 218,287	1 375 049,644	28,517	28,055
33	21	98 193	47 118,638	1 326 831,357	28,159	27,697
34	22	98 105	46 040,487	1 279 712,719	27,795	27,333
35	23	98 014	44 985,396	1 233 672,232	27,424	26,962
36	24	97 918	43 952,290	1 188 686,837	27,045	26,583
37	25	97 816	42 940,453	1 144 734,547	26,659	26,197
38	26	97 701	41 946,423	1 101 794,094	26,267	25,805
39	27	97 579	40 971,885	1 059 847,671	25,868	25,406
40	28	97 449	40 017,053	1 018 875,786	25,461	24,999
41	29	97 306	39 078,831	978 858,733	25,048	24,586
42	30	97 151	38 158,052	939 779,902	24,629	24,167
43	31	96 980	37 252,804	901 621,850	24,203	23,741
44	32	96 800	36 365,540	864 369,046	23,769	23,307
45	33	96 593	35 489,210	828 003,505	23,331	22,869
46	34	96 369	34 627,809	792 514,295	22,887	22,425
47	35	96 120	33 778,310	757 886,486	22,437	21,975
48	36	95 853	32 943,215	724 108,176	21,980	21,518
49	37	95 555	32 118,014	691 164,961	21,520	21,058
50	38	95 225	31 303,065	659 046,947	21,054	20,592
51	39	94 852	30 494,069	627 743,882	20,586	20,124
52	40	94 444	29 694,785	597 249,813	20,113	19,651
53	41	93 988	28 901,271	567 555,028	19,638	19,176
54	42	93 477	28 111,703	538 653,757	19,161	18,699
55	43	92 907	27 325,240	510 542,054	18,684	18,222
56	44	92 273	26 541,821	483 216,814	18,206	17,744
57	45	91 577	25 761,749	456 674,993	17,727	17,265
58	46	90 800	24 981,310	430 913,244	17,249	16,787
59	47	89 950	24 202,821	405 931,934	16,772	16,310
60	48	89 024	23 426,551	381 729,113	16,295	15,833
61	49	88 008	22 649,646	358 302,562	15,819	15,357
62	50	86 904	21 873,232	335 652,916	15,345	14,883
63	51	85 707	21 097,298	313 779,684	14,873	14,411
64	52	84 413	20 321,639	292 682,386	14,402	13,940
65	53	83 016	19 545,498	272 360,748	13,935	13,473
66	54	81 526	18 772,295	252 815,250	13,467	13,005
67	55	79 941	18 002,186	234 042,954	13,001	12,539
68	56	78 247	17 233,097	216 040,768	12,536	12,074
69	57	76 472	16 471,496	198 807,671	12,070	11,608
70	58	74 565	15 707,271	182 336,175	11,608	11,146
71	59	72 585	14 953,703	166 628,904	11,143	10,681
72	60	70 463	14 197,173	151 675,201	10,683	10,221
73	61	68 256	13 449,871	137 478,028	10,222	9,759
74	62	65 917	12 703,141	124 028,157	9,764	9,302
75	63	63 476	11 963,577	111 325,016	9,305	8,843
76	64	60 928	11 230,625	99 361,439	8,847	8,385
77	65	58 225	10 496,184	88 130,814	8,396	7,934
78	66	55 410	9 768,977	77 634,630	7,947	7,485
79	67	52 427	9 039,689	67 865,653	7,508	7,046
80	68	49 309	8 315,000	58 825,964	7,075	6,613
81	69	46 040	7 592,892	50 510,964	6,652	6,190
82	70	42 571	6 866,347	42 918,072	6,250	5,788
83	71	38 981	6 148,897	36 051,725	5,863	5,401
84	72	35 315	5 448,015	29 902,827	5,489	5,027
85	73	31 591	4 766,310	24 454,812	5,131	4,669
86	74	27 820	4 104,956	19 688,502	4,796	4,334
87	75	24 107	3 478,871	15 583,546	4,479	4,017
88	76	20 520	2 896,071	12 104,675	4,180	3,718
89	77	17 092	2 359,165	9 208,603	3,903	3,441
90	78	13 930	1 880,457	6 849,439	3,642	3,180
91	79	11 088	1 463,855	4 968,982	3,394	2,932
92	80	8 602	1 110,612	3 505,128	3,156	2,694
93	81	6 420	810,697	2 394,515	2,954	2,492
94	82	4 650	574,263	1 583,818	2,758	2,296
95	83	3 227	389,734	1 009,556	2,590	2,128
96	84	2 161	255,230	619,821	2,428	1,966
97	85	1 369	158,122	364,592	2,306	1,844
98	86	839	94,783	206,469	2,178	1,716
99	87	489	54,082	111,687	2,065	1,603
100	88	271	29,334	57,605	1,964	1,502

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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12						
13	0	99 513	74 516,983	2 537 932,077	34,058	33,596
14	1	99 204	72 651,257	2 463 415,094	33,907	33,445
15	2	99 166	71 025,320	2 390 763,837	33,661	33,199
16	3	99 138	69 442,684	2 319 738,517	33,405	32,943
17	4	99 103	67 890,796	2 250 295,834	33,146	32,684
18	5	99 066	66 372,272	2 182 405,038	32,881	32,419
19	6	99 020	64 881,105	2 116 032,766	32,614	32,152
20	7	98 971	63 422,559	2 051 151,661	32,341	31,879
21	8	98 924	61 997,287	1 987 729,102	32,062	31,600
22	9	98 877	60 604,248	1 925 731,815	31,776	31,314
23	10	98 826	59 240,145	1 865 127,568	31,484	31,022
24	11	98 780	57 909,457	1 805 887,423	31,185	30,723
25	12	98 725	56 603,895	1 747 977,965	30,881	30,419
26	13	98 674	55 329,745	1 691 374,070	30,569	30,107
27	14	98 620	54 082,294	1 636 044,325	30,251	29,789
28	15	98 565	52 862,917	1 581 962,031	29,926	29,464
29	16	98 506	51 668,321	1 529 099,114	29,595	29,133
30	17	98 440	50 497,569	1 477 430,794	29,257	28,795
31	18	98 371	49 351,929	1 426 933,225	28,913	28,451
32	19	98 291	48 226,716	1 377 581,296	28,565	28,103
33	20	98 212	47 127,351	1 329 354,580	28,208	27,746
34	21	98 122	46 048,080	1 282 227,229	27,845	27,383
35	22	98 030	44 992,721	1 236 179,149	27,475	27,013
36	23	97 935	43 960,201	1 191 186,428	27,097	26,635
37	24	97 833	42 948,181	1 147 226,227	26,712	26,250
38	25	97 720	41 954,404	1 104 278,046	26,321	25,859
39	26	97 597	40 979,597	1 062 323,642	25,923	25,461
40	27	97 470	40 025,666	1 021 344,045	25,517	25,055
41	28	97 328	39 088,041	981 318,379	25,105	24,643
42	29	97 176	38 167,929	942 230,338	24,686	24,224
43	30	97 011	37 264,622	904 062,409	24,261	23,799
44	31	96 831	36 376,963	866 797,787	23,828	23,366
45	32	96 626	35 501,374	830 420,824	23,391	22,929
46	33	96 404	34 640,291	794 919,450	22,948	22,486
47	34	96 159	33 792,029	760 279,159	22,499	22,037
48	35	95 892	32 956,798	726 487,130	22,044	21,582
49	36	95 598	32 132,747	693 530,332	21,583	21,121
50	37	95 271	31 317,930	661 397,585	21,119	20,657
51	38	94 909	30 512,476	630 079,654	20,650	20,188
52	39	94 500	29 712,646	599 567,178	20,179	19,717
53	40	94 053	28 921,102	569 854,532	19,704	19,242
54	41	93 547	28 132,528	540 933,430	19,228	18,766
55	42	92 980	27 346,947	512 800,902	18,752	18,290
56	43	92 357	26 565,944	485 453,955	18,274	17,812
57	44	91 666	25 786,777	458 888,011	17,795	17,333
58	45	90 905	25 010,128	433 101,233	17,317	16,855
59	46	90 060	24 232,324	408 091,105	16,841	16,379
60	47	89 146	23 458,696	383 858,781	16,363	15,901
61	48	88 149	22 685,808	360 400,085	15,887	15,425
62	49	87 056	21 911,535	337 714,277	15,413	14,951
63	50	85 866	21 136,468	315 802,742	14,941	14,479
64	51	84 595	20 365,275	294 666,274	14,469	14,007
65	52	83 210	19 591,204	274 300,999	14,001	13,539
66	53	81 736	18 820,621	254 709,795	13,534	13,072
67	54	80 172	18 054,340	235 889,174	13,066	12,603
68	55	78 502	17 289,208	217 834,834	12,599	12,137
69	56	76 746	16 530,625	200 545,626	12,132	11,670
70	57	74 858	15 769,151	184 015,001	11,669	11,207
71	58	72 902	15 019,027	168 245,850	11,202	10,740
72	59	70 796	14 264,306	153 226,823	10,742	10,280
73	60	68 618	13 521,208	138 962,517	10,277	9,815
74	61	66 294	12 775,783	125 441,309	9,819	9,357
75	62	63 868	12 037,420	112 665,526	9,360	8,898
76	63	61 342	11 306,935	100 628,106	8,900	8,438
77	64	58 663	10 575,209	89 321,172	8,446	7,984
78	65	55 855	9 847,466	78 745,963	7,997	7,535
79	66	52 890	9 119,596	68 898,497	7,555	7,093
80	67	49 781	8 394,600	59 778,901	7,121	6,659
81	68	46 527	7 673,197	51 384,301	6,697	6,235
82	69	43 069	6 946,612	43 711,104	6,292	5,830
83	70	39 478	6 227,355	36 764,492	5,904	5,442
84	71	35 805	5 523,700	30 537,137	5,528	5,066
85	72	32 066	4 837,978	25 013,437	5,170	4,708
86	73	28 284	4 173,468	20 175,460	4,834	4,372
87	74	24 545	3 542,073	16 001,992	4,518	4,056
88	75	20 923	2 952,859	12 459,918	4,220	3,758
89	76	17 469	2 411,164	9 507,060	3,943	3,481
90	77	14 270	1 926,296	7 095,896	3,684	3,222
91	78	11 401	1 505,168	5 169,600	3,435	2,973
92	79	8 881	1 146,633	3 664,432	3,196	2,734
93	80	6 663	841,375	2 517,799	2,992	2,530
94	81	4 857	599,861	1 676,424	2,795	2,333
95	82	3 395	409,979	1 076,563	2,626	2,164
96	83	2 291	270,574	666,584	2,464	2,002
97	84	1 464	169,144	396,010	2,341	1,879
98	85	908	102,592	226,866	2,211	1,749
99	86	536	59,247	124,273	2,098	1,636
100	87	302	32,592	65,026	1,995	1,533

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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14	0	99 503	72 870,257	2 466 062,135	33,842	33,380
15	1	99 191	71 042,935	2 393 191,878	33,687	33,225
16	2	99 150	69 451,311	2 322 148,943	33,436	32,974
17	3	99 113	67 897,798	2 252 697,632	33,178	32,716
18	4	99 076	66 378,624	2 184 799,834	32,914	32,452
19	5	99 028	64 886,885	2 118 421,211	32,648	32,186
20	6	98 980	63 428,170	2 053 534,326	32,376	31,914
21	7	98 929	62 000,167	1 990 106,156	32,098	31,636
22	8	98 884	60 608,471	1 928 105,989	31,812	31,350
23	9	98 832	59 243,769	1 867 497,518	31,522	31,060
24	10	98 786	57 912,845	1 808 253,749	31,224	30,762
25	11	98 733	56 608,272	1 750 340,904	30,920	30,458
26	12	98 682	55 334,090	1 693 732,632	30,609	30,147
27	13	98 629	54 087,390	1 638 398,542	30,292	29,830
28	14	98 574	52 867,792	1 584 311,152	29,967	29,505
29	15	98 517	51 674,608	1 531 443,360	29,636	29,174
30	16	98 454	50 505,005	1 479 768,752	29,299	28,837
31	17	98 384	49 358,650	1 429 263,747	28,957	28,495
32	18	98 310	48 236,220	1 379 905,097	28,607	28,145
33	19	98 229	47 135,590	1 331 668,878	28,252	27,790
34	20	98 140	46 056,595	1 284 533,288	27,890	27,428
35	21	98 046	45 000,141	1 238 476,693	27,522	27,060
36	22	97 951	43 967,360	1 193 476,552	27,145	26,683
37	23	97 851	42 955,911	1 149 509,192	26,760	26,298
38	24	97 738	41 961,955	1 106 553,281	26,370	25,908
39	25	97 616	40 987,394	1 064 591,326	25,974	25,512
40	26	97 488	40 033,200	1 023 603,932	25,569	25,107
41	27	97 349	39 096,454	983 570,732	25,158	24,696
42	28	97 199	38 176,925	944 474,278	24,739	24,277
43	29	97 036	37 274,267	906 297,353	24,314	23,852
44	30	96 861	36 388,503	869 023,086	23,882	23,420
45	31	96 656	35 512,525	832 634,583	23,446	22,984
46	32	96 437	34 652,164	797 122,058	23,004	22,542
47	33	96 194	33 804,210	762 469,894	22,555	22,093
48	34	95 931	32 970,183	728 665,684	22,101	21,639
49	35	95 638	32 145,996	695 695,501	21,642	21,180
50	36	95 314	31 332,296	663 549,505	21,178	20,716
51	37	94 954	30 526,966	632 217,209	20,710	20,248
52	38	94 557	29 730,581	601 690,243	20,238	19,776
53	39	94 109	28 938,498	571 959,662	19,765	19,303
54	40	93 611	28 151,832	543 021,164	19,289	18,827
55	41	93 049	27 367,206	514 869,332	18,813	18,351
56	42	92 431	26 587,048	487 502,126	18,336	17,874
57	43	91 749	25 810,215	460 915,078	17,858	17,396
58	44	90 993	25 034,426	435 104,863	17,380	16,918
59	45	90 164	24 260,278	410 070,437	16,903	16,441
60	46	89 255	23 487,293	385 810,160	16,426	15,964
61	47	88 270	22 716,937	362 322,867	15,949	15,487
62	48	87 195	21 946,519	339 605,930	15,474	15,012
63	49	86 016	21 173,481	317 659,411	15,003	14,541
64	50	84 752	20 403,086	296 485,931	14,531	14,069
65	51	83 389	19 633,272	276 082,844	14,062	13,600
66	52	81 927	18 864,631	256 449,572	13,594	13,132
67	53	80 379	18 100,817	237 584,941	13,126	12,664
68	54	78 729	17 339,296	219 484,124	12,658	12,196
69	55	76 996	16 584,449	202 144,828	12,189	11,727
70	56	75 127	15 825,759	185 560,379	11,725	11,263
71	57	73 189	15 078,196	169 734,620	11,257	10,795
72	58	71 105	14 326,618	154 656,424	10,795	10,333
73	59	68 942	13 585,145	140 329,806	10,330	9,868
74	60	66 645	12 843,545	126 744,661	9,868	9,406
75	61	64 233	12 106,254	113 901,116	9,408	8,946
76	62	61 720	11 376,724	101 794,861	8,948	8,486
77	63	59 062	10 647,065	90 418,137	8,492	8,030
78	64	56 276	9 921,607	79 771,072	8,040	7,578
79	65	53 315	9 192,867	69 849,466	7,598	7,136
80	66	50 221	8 468,804	60 656,599	7,162	6,700
81	67	46 972	7 746,653	52 187,794	6,737	6,275
82	68	43 525	7 020,082	44 441,142	6,331	5,869
83	69	39 940	6 300,150	37 421,059	5,940	5,478
84	70	36 262	5 594,180	31 120,909	5,563	5,101
85	71	32 512	4 905,188	25 526,729	5,204	4,742
86	72	28 709	4 236,222	20 621,542	4,868	4,406
87	73	24 955	3 601,191	16 385,320	4,550	4,088
88	74	21 303	3 006,504	12 784,129	4,252	3,790
89	75	17 811	2 458,443	9 777,625	3,977	3,515
90	76	14 584	1 968,754	7 319,182	3,718	3,256
91	77	11 679	1 541,859	5 350,428	3,470	3,008
92	78	9 131	1 178,994	3 808,569	3,230	2,768
93	79	6 879	868,663	2 629,575	3,027	2,565
94	80	5 041	622,560	1 760,911	2,828	2,366
95	81	3 546	428,254	1 138,351	2,658	2,196
96	82	2 410	284,629	710,097	2,495	2,033
97	83	1 552	179,314	425,468	2,373	1,911
98	84	971	109,744	246,155	2,243	1,781
99	85	580	64,129	136,411	2,127	1,665
100	86	330	35,704	72,282	2,024	1,562

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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15	0	99 490	71 257,087	2 395 632,258	33,620	33,158
16	1	99 175	69 468,535	2 324 375,171	33,459	32,997
17	2	99 126	67 906,234	2 254 906,636	33,206	32,744
18	3	99 086	66 385,470	2 187 000,402	32,944	32,482
19	4	99 038	64 893,094	2 120 614,933	32,679	32,217
20	5	98 989	63 433,820	2 055 721,838	32,407	31,945
21	6	98 937	62 005,652	1 992 288,018	32,131	31,669
22	7	98 889	60 611,287	1 930 282,366	31,847	31,385
23	8	98 839	59 247,898	1 869 671,079	31,557	31,095
24	9	98 792	57 916,388	1 810 423,181	31,259	30,797
25	10	98 739	56 611,584	1 752 506,793	30,957	30,495
26	11	98 690	55 338,369	1 695 895,210	30,646	30,184
27	12	98 637	54 091,637	1 640 556,840	30,329	29,867
28	13	98 584	52 872,773	1 586 465,203	30,005	29,543
29	14	98 527	51 679,373	1 533 592,430	29,675	29,213
30	15	98 466	50 511,151	1 481 913,057	29,338	28,876
31	16	98 399	49 365,919	1 431 401,906	28,996	28,534
32	17	98 324	48 242,788	1 382 035,987	28,648	28,185
33	18	98 248	47 144,878	1 333 793,199	28,291	27,829
34	19	98 157	46 064,647	1 286 648,321	27,931	27,469
35	20	98 064	45 008,462	1 240 583,674	27,563	27,101
36	21	97 967	43 974,611	1 195 575,212	27,188	26,726
37	22	97 867	42 962,906	1 151 600,601	26,805	26,343
38	23	97 755	41 969,508	1 108 637,695	26,415	25,953
39	24	97 633	40 994,770	1 066 668,187	26,020	25,558
40	25	97 507	40 040,817	1 025 673,417	25,616	25,154
41	26	97 368	39 103,813	985 632,600	25,206	24,744
42	27	97 220	38 185,142	946 528,787	24,788	24,326
43	28	97 059	37 283,053	908 343,645	24,363	23,901
44	29	96 886	36 397,921	871 060,592	23,932	23,470
45	30	96 687	35 523,791	834 662,671	23,496	23,034
46	31	96 467	34 663,048	799 138,880	23,054	22,592
47	32	96 227	33 815,796	764 475,832	22,607	22,145
48	33	95 966	32 982,068	730 660,036	22,153	21,691
49	34	95 677	32 159,052	697 677,968	21,695	21,233
50	35	95 354	31 345,214	665 518,916	21,232	20,770
51	36	94 997	30 540,969	634 173,702	20,765	20,303
52	37	94 602	29 744,700	603 632,733	20,294	19,832
53	38	94 166	28 955,966	573 888,033	19,819	19,357
54	39	93 667	28 168,765	544 932,067	19,345	18,883
55	40	93 113	27 385,985	516 763,301	18,870	18,408
56	41	92 499	26 606,744	489 377,317	18,393	17,931
57	42	91 822	25 830,718	462 770,573	17,916	17,453
58	43	91 076	25 057,179	436 939,855	17,438	16,976
59	44	90 251	24 283,847	411 882,676	16,961	16,499
60	45	89 358	23 514,387	387 598,829	16,483	16,021
61	46	88 377	22 744,629	364 084,442	16,007	15,545
62	47	87 315	21 976,633	341 339,813	15,532	15,070
63	48	86 154	21 207,286	319 363,179	15,059	14,597
64	49	84 900	20 438,815	298 155,893	14,588	14,126
65	50	83 544	19 669,724	277 717,078	14,119	13,657
66	51	82 103	18 905,139	258 047,355	13,650	13,188
67	52	80 567	18 143,144	239 142,216	13,181	12,719
68	53	78 932	17 383,932	220 999,071	12,713	12,251
69	54	77 219	16 632,495	203 615,139	12,242	11,780
70	55	75 372	15 877,288	186 982,644	11,777	11,315
71	56	73 452	15 132,324	171 105,356	11,307	10,845
72	57	71 386	14 383,059	155 973,032	10,844	10,382
73	58	69 244	13 644,490	141 589,973	10,377	9,915
74	59	66 961	12 904,277	127 945,482	9,915	9,453
75	60	64 574	12 170,465	115 041,205	9,452	8,990
76	61	62 073	11 441,781	102 870,740	8,991	8,529
77	62	59 426	10 712,782	91 428,959	8,535	8,073
78	63	56 658	9 989,021	80 716,177	8,080	7,618
79	64	53 717	9 262,080	70 727,156	7,636	7,174
80	65	50 625	8 536,847	61 465,076	7,200	6,738
81	66	47 388	7 815,130	52 928,229	6,773	6,311
82	67	43 941	7 087,285	45 113,100	6,365	5,903
83	68	40 362	6 366,783	38 025,814	5,973	5,511
84	69	36 686	5 659,574	31 659,031	5,594	5,132
85	70	32 926	4 967,776	25 999,457	5,234	4,772
86	71	29 108	4 295,072	21 031,682	4,897	4,435
87	72	25 330	3 655,340	16 736,610	4,579	4,117
88	73	21 658	3 056,683	13 081,270	4,280	3,818
89	74	18 135	2 503,106	10 024,587	4,005	3,543
90	75	14 870	2 007,358	7 521,481	3,747	3,285
91	76	11 936	1 575,844	5 514,123	3,499	3,037
92	77	9 354	1 207,734	3 938,279	3,261	2,799
93	78	7 073	893,179	2 730,545	3,057	2,595
94	79	5 205	642,752	1 837,365	2,859	2,397
95	80	3 680	444,460	1 194,613	2,688	2,226
96	81	2 517	297,316	750,154	2,523	2,061
97	82	1 633	188,628	452,837	2,401	1,939
98	83	1 030	116,342	264,209	2,271	1,809
99	84	621	68,599	147,868	2,156	1,694
100	85	358	38,646	79,269	2,051	1,589

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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16	0	99 474	69 677,941	2 326 625,609	33,391	32,929
17	1	99 150	67 923,074	2 256 947,668	33,228	32,766
18	2	99 098	66 393,718	2 189 024,593	32,970	32,508
19	3	99 048	64 899,787	2 122 630,876	32,706	32,244
20	4	98 999	63 439,891	2 057 731,089	32,436	31,974
21	5	98 946	62 011,176	1 994 291,198	32,160	31,698
22	6	98 897	60 616,649	1 932 280,022	31,877	31,415
23	7	98 844	59 250,650	1 871 663,373	31,589	31,127
24	8	98 799	57 920,424	1 812 412,722	31,291	30,829
25	9	98 745	56 615,047	1 754 492,298	30,990	30,528
26	10	98 696	55 341,606	1 697 877,251	30,680	30,218
27	11	98 645	54 095,820	1 642 535,645	30,363	29,901
28	12	98 591	52 876,925	1 588 439,825	30,040	29,578
29	13	98 536	51 684,242	1 535 562,899	29,710	29,248
30	14	98 475	50 515,809	1 483 878,657	29,375	28,913
31	15	98 411	49 371,926	1 433 362,848	29,032	28,570
32	16	98 338	48 249,893	1 383 990,923	28,684	28,222
33	17	98 261	47 151,298	1 335 741,030	28,329	27,867
34	18	98 176	46 073,724	1 288 589,731	27,968	27,506
35	19	98 081	45 016,331	1 242 516,007	27,601	27,139
36	20	97 985	43 982,743	1 197 499,677	27,227	26,765
37	21	97 883	42 969,991	1 153 516,934	26,845	26,383
38	22	97 771	41 976,342	1 110 546,943	26,456	25,994
39	23	97 651	41 002,149	1 068 570,601	26,061	25,599
40	24	97 525	40 048,023	1 027 568,452	25,658	25,196
41	25	97 386	39 111,253	987 520,429	25,249	24,787
42	26	97 238	38 192,330	948 409,175	24,832	24,370
43	27	97 080	37 291,077	910 216,846	24,408	23,946
44	28	96 909	36 406,500	872 925,769	23,977	23,515
45	29	96 712	35 532,986	836 519,268	23,542	23,080
46	30	96 498	34 674,044	800 986,283	23,100	22,638
47	31	96 257	33 826,418	766 312,238	22,654	22,192
48	32	95 999	32 993,372	732 485,821	22,201	21,739
49	33	95 711	32 170,644	699 492,449	21,743	21,281
50	34	95 392	31 357,946	667 321,804	21,281	20,819
51	35	95 037	30 553,561	635 963,859	20,815	20,353
52	36	94 646	29 758,344	605 410,298	20,344	19,882
53	37	94 211	28 969,717	575 651,954	19,871	19,409
54	38	93 724	28 185,768	546 682,237	19,396	18,934
55	39	93 169	27 402,458	518 496,468	18,922	18,460
56	40	92 563	26 625,001	491 094,011	18,445	17,983
57	41	91 890	25 849,854	464 469,010	17,968	17,506
58	42	91 148	25 077,084	438 619,157	17,491	17,029
59	43	90 333	24 305,919	413 542,072	17,014	16,552
60	44	89 445	23 537,231	389 236,154	16,537	16,075
61	45	88 479	22 770,867	365 698,922	16,060	15,598
62	46	87 421	22 003,423	342 928,056	15,585	15,123
63	47	86 272	21 236,386	320 924,633	15,112	14,650
64	48	85 036	20 471,447	299 688,247	14,639	14,177
65	49	83 690	19 704,168	279 216,799	14,170	13,708
66	50	82 255	18 940,239	259 512,631	13,702	13,240
67	51	80 740	18 182,103	240 572,392	13,231	12,769
68	52	79 117	17 424,583	222 390,289	12,763	12,301
69	53	77 418	16 675,312	204 965,706	12,292	11,830
70	54	75 590	15 923,286	188 290,394	11,825	11,363
71	55	73 691	15 181,595	172 367,108	11,354	10,892
72	56	71 642	14 434,692	157 185,514	10,889	10,427
73	57	69 516	13 698,244	142 750,822	10,421	9,959
74	58	67 253	12 960,648	129 052,578	9,957	9,495
75	59	64 879	12 228,015	116 091,929	9,494	9,032
76	60	62 403	11 502,468	103 863,915	9,030	8,568
77	61	59 766	10 774,042	92 361,447	8,573	8,111
78	62	57 008	10 050,677	81 587,406	8,118	7,656
79	63	54 082	9 325,013	71 536,729	7,671	7,209
80	64	51 006	8 601,120	62 211,716	7,233	6,771
81	65	47 768	7 877,920	53 610,596	6,805	6,343
82	66	44 330	7 149,934	45 732,675	6,396	5,934
83	67	40 749	6 427,732	38 582,741	6,003	5,541
84	68	37 074	5 719,432	32 155,009	5,622	5,160
85	69	33 311	5 025,847	26 435,578	5,260	4,798
86	70	29 480	4 349,875	21 409,730	4,922	4,460
87	71	25 682	3 706,120	17 059,856	4,603	4,141
88	72	21 984	3 102,645	13 353,736	4,304	3,842
89	73	18 438	2 544,883	10 251,091	4,028	3,566
90	74	15 141	2 043,826	7 706,207	3,770	3,308
91	75	12 171	1 606,744	5 662,381	3,524	3,062
92	76	9 560	1 234,354	4 055,637	3,286	2,824
93	77	7 246	914,952	2 821,283	3,084	2,622
94	78	5 352	660,892	1 906,331	2,884	2,422
95	79	3 799	458,875	1 245,439	2,714	2,252
96	80	2 612	308,567	786,564	2,549	2,087
97	81	1 706	197,036	477,997	2,426	1,964
98	82	1 083	122,385	280,961	2,296	1,834
99	83	658	72,723	158,576	2,181	1,719
100	84	383	41,340	85,853	2,077	1,615

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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17	0	99 449	68 127,822	2 259 023,444	33,159	32,697
18	1	99 123	66 410,183	2 190 895,622	32,990	32,528
19	2	99 060	64 907,850	2 124 485,439	32,731	32,269
20	3	99 009	63 446,434	2 059 577,589	32,462	32,000
21	4	98 956	62 017,110	1 996 131,155	32,187	31,725
22	5	98 906	60 622,049	1 934 114,045	31,904	31,442
23	6	98 853	59 255,892	1 873 491,995	31,617	31,155
24	7	98 803	57 923,115	1 814 236,103	31,321	30,859
25	8	98 752	56 618,992	1 756 312,988	31,020	30,558
26	9	98 702	55 344,992	1 699 693,996	30,711	30,249
27	10	98 650	54 098,985	1 644 349,004	30,395	29,933
28	11	98 599	52 881,015	1 590 250,019	30,072	29,610
29	12	98 544	51 688,301	1 537 369,004	29,743	29,281
30	13	98 484	50 520,568	1 485 680,703	29,407	28,945
31	14	98 420	49 376,479	1 435 160,135	29,066	28,604
32	15	98 350	48 255,764	1 385 783,656	28,717	28,255
33	16	98 276	47 158,242	1 337 527,892	28,363	27,901
34	17	98 190	46 079,999	1 290 369,650	28,003	27,541
35	18	98 101	45 025,202	1 244 289,652	27,635	27,173
36	19	98 003	43 990,432	1 199 264,450	27,262	26,800
37	20	97 901	42 977,937	1 155 274,019	26,881	26,419
38	21	97 787	41 983,265	1 112 296,081	26,494	26,032
39	22	97 667	41 008,826	1 070 312,817	26,100	25,638
40	23	97 542	40 055,231	1 029 303,991	25,697	25,235
41	24	97 404	39 118,292	989 248,759	25,289	24,827
42	25	97 256	38 199,596	950 130,467	24,873	24,411
43	26	97 098	37 298,096	911 930,871	24,450	23,988
44	27	96 930	36 414,336	874 632,775	24,019	23,557
45	28	96 735	35 541,361	838 218,439	23,584	23,122
46	29	96 523	34 683,019	802 677,078	23,143	22,681
47	30	96 287	33 837,148	767 994,059	22,697	22,235
48	31	96 029	33 003,736	734 156,911	22,245	21,783
49	32	95 744	32 181,671	701 153,175	21,787	21,325
50	33	95 427	31 369,249	668 971,504	21,326	20,864
51	34	95 075	30 565,971	637 602,256	20,860	20,398
52	35	94 685	29 770,613	607 036,285	20,390	19,928
53	36	94 254	28 983,005	577 265,671	19,917	19,455
54	37	93 768	28 199,154	548 282,666	19,443	18,981
55	38	93 225	27 418,998	520 083,512	18,968	18,506
56	39	92 618	26 641,016	492 664,514	18,493	18,031
57	40	91 953	25 867,591	466 023,499	18,016	17,554
58	41	91 216	25 095,662	440 155,908	17,539	17,077
59	42	90 405	24 325,227	415 060,246	17,063	16,601
60	43	89 526	23 558,624	390 735,019	16,586	16,124
61	44	88 565	22 792,989	367 176,395	16,109	15,647
62	45	87 522	22 028,805	344 383,406	15,633	15,171
63	46	86 377	21 262,274	322 354,601	15,161	14,699
64	47	85 152	20 499,538	301 092,327	14,688	14,226
65	48	83 824	19 735,628	280 592,790	14,218	13,756
66	49	82 399	18 973,406	260 857,162	13,749	13,287
67	50	80 889	18 215,861	241 883,756	13,279	12,817
68	51	79 287	17 461,999	223 667,895	12,809	12,347
69	52	77 599	16 714,306	206 205,896	12,337	11,875
70	53	75 785	15 964,277	189 491,590	11,870	11,408
71	54	73 904	15 225,577	173 527,314	11,397	10,935
72	55	71 875	14 481,691	158 301,737	10,931	10,469
73	56	69 766	13 747,418	143 820,045	10,462	10,000
74	57	67 518	13 011,708	130 072,627	9,997	9,535
75	58	65 163	12 281,432	117 060,919	9,532	9,070
76	59	62 698	11 556,858	104 779,488	9,066	8,604
77	60	60 083	10 831,186	93 222,629	8,607	8,145
78	61	57 334	10 108,150	82 391,443	8,151	7,689
79	62	54 416	9 382,570	72 283,293	7,704	7,242
80	63	51 352	8 659,563	62 900,722	7,264	6,802
81	64	48 128	7 937,233	54 241,160	6,834	6,372
82	65	44 686	7 207,380	46 303,927	6,425	5,963
83	66	41 109	6 484,551	39 096,547	6,029	5,567
84	67	37 429	5 774,184	32 611,997	5,648	5,186
85	68	33 664	5 079,002	26 837,813	5,284	4,822
86	69	29 824	4 400,723	21 758,811	4,944	4,482
87	70	26 010	3 753,408	17 358,087	4,625	4,163
88	71	22 289	3 145,747	13 604,679	4,325	3,863
89	72	18 715	2 583,149	10 458,932	4,049	3,587
90	73	15 393	2 077,938	7 875,783	3,790	3,328
91	74	12 392	1 635,934	5 797,845	3,544	3,082
92	75	9 748	1 258,558	4 161,911	3,307	2,845
93	76	7 406	935,119	2 903,353	3,105	2,643
94	77	5 482	677,003	1 968,234	2,907	2,445
95	78	3 907	471,826	1 291,231	2,737	2,275
96	79	2 697	318,575	819,406	2,572	2,110
97	80	1 770	204,492	500,831	2,449	1,987
98	81	1 132	127,840	296,338	2,318	1,856
99	82	692	76,500	168,498	2,203	1,741
100	83	406	43,826	91,998	2,099	1,637

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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18	0	99 422	66 610,370	2 192 810,728	32,920	32,458
19	1	99 085	64 923,948	2 126 200,358	32,749	32,287
20	2	99 021	63 454,317	2 061 276,410	32,484	32,022
21	3	98 966	62 023,507	1 997 822,094	32,211	31,749
22	4	98 916	60 627,851	1 935 798,587	31,929	31,467
23	5	98 861	59 261,171	1 875 170,736	31,642	31,180
24	6	98 812	57 928,239	1 815 909,565	31,348	30,886
25	7	98 756	56 621,623	1 757 981,326	31,048	30,586
26	8	98 709	55 348,849	1 701 359,703	30,739	30,277
27	9	98 656	54 102,295	1 646 010,855	30,424	29,962
28	10	98 605	52 884,108	1 591 908,560	30,102	29,640
29	11	98 551	51 692,298	1 539 024,452	29,773	29,311
30	12	98 492	50 524,536	1 487 332,154	29,438	28,976
31	13	98 429	49 381,131	1 436 807,618	29,096	28,634
32	14	98 359	48 260,214	1 387 426,487	28,749	28,287
33	15	98 288	47 163,980	1 339 166,273	28,394	27,932
34	16	98 204	46 086,785	1 292 002,293	28,034	27,572
35	17	98 114	45 031,333	1 245 915,508	27,668	27,206
36	18	98 022	43 999,100	1 200 884,175	27,293	26,831
37	19	97 918	42 985,451	1 156 885,075	26,913	26,451
38	20	97 805	41 991,028	1 113 899,624	26,527	26,065
39	21	97 683	41 015,589	1 071 908,596	26,134	25,672
40	22	97 558	40 061,754	1 030 893,007	25,733	25,271
41	23	97 421	39 125,333	990 831,253	25,325	24,863
42	24	97 274	38 206,471	951 705,920	24,910	24,448
43	25	97 116	37 305,193	913 499,449	24,487	24,025
44	26	96 948	36 421,190	876 194,256	24,057	23,595
45	27	96 756	35 549,010	839 773,066	23,623	23,161
46	28	96 545	34 691,194	804 224,056	23,182	22,720
47	29	96 312	33 845,907	769 532,862	22,736	22,274
48	30	96 059	33 014,205	735 686,955	22,284	21,822
49	31	95 774	32 191,779	702 672,750	21,828	21,366
50	32	95 459	31 380,001	670 480,971	21,367	20,904
51	33	95 109	30 576,989	639 100,970	20,901	20,439
52	34	94 723	29 782,705	608 523,982	20,432	19,970
53	35	94 293	28 994,955	578 741,277	19,960	19,498
54	36	93 811	28 212,089	549 746,322	19,486	19,024
55	37	93 270	27 432,019	521 534,233	19,012	18,550
56	38	92 674	26 657,097	494 102,214	18,535	18,073
57	39	92 008	25 883,151	467 445,117	18,060	17,598
58	40	91 279	25 112,881	441 561,967	17,583	17,121
59	41	90 472	24 343,247	416 449,085	17,107	16,645
60	42	89 597	23 577,339	392 105,838	16,631	16,169
61	43	88 646	22 813,705	368 528,499	16,154	15,692
62	44	87 607	22 050,207	345 714,794	15,679	15,217
63	45	86 477	21 286,801	323 664,587	15,205	14,743
64	46	85 256	20 524,527	302 377,786	14,733	14,270
65	47	83 939	19 762,708	281 853,260	14,262	13,800
66	48	82 531	19 003,699	262 090,551	13,792	13,330
67	49	81 031	18 247,759	243 086,852	13,321	12,859
68	50	79 434	17 494,420	224 839,093	12,852	12,390
69	51	77 766	16 750,196	207 344,673	12,379	11,917
70	52	75 962	16 001,608	190 594,477	11,911	11,449
71	53	74 094	15 264,772	174 592,869	11,438	10,976
72	54	72 083	14 523,646	159 328,097	10,970	10,508
73	55	69 993	13 792,180	144 804,451	10,499	10,037
74	56	67 760	13 058,417	131 012,272	10,033	9,571
75	57	65 419	12 329,816	117 953,854	9,567	9,105
76	58	62 972	11 607,343	105 624,039	9,100	8,638
77	59	60 367	10 882,403	94 016,695	8,639	8,177
78	60	57 638	10 161,764	83 134,292	8,181	7,719
79	61	54 727	9 436,223	72 972,529	7,733	7,271
80	62	51 669	8 713,012	63 536,306	7,292	6,830
81	63	48 455	7 991,164	54 823,294	6,860	6,398
82	64	45 022	7 261,644	46 832,129	6,449	5,987
83	65	41 439	6 536,651	39 570,486	6,054	5,592
84	66	37 760	5 825,225	33 033,835	5,671	5,209
85	67	33 986	5 127,624	27 208,610	5,306	4,844
86	68	30 140	4 447,267	22 080,987	4,965	4,503
87	69	26 314	3 797,285	17 633,719	4,644	4,182
88	70	22 574	3 185,885	13 836,435	4,343	3,881
89	71	18 975	2 619,035	10 650,550	4,067	3,605
90	72	15 625	2 109,183	8 031,515	3,808	3,346
91	73	12 598	1 663,238	5 922,332	3,561	3,099
92	74	9 925	1 281,423	4 259,094	3,324	2,862
93	75	7 551	953,455	2 977,672	3,123	2,661
94	76	5 603	691,925	2 024,217	2,925	2,463
95	77	4 002	483,327	1 332,292	2,757	2,294
96	78	2 773	327,566	848,965	2,592	2,130
97	79	1 828	211,124	521,399	2,470	2,008
98	80	1 174	132,678	310,274	2,339	1,877
99	81	723	79,911	177,596	2,222	1,760
100	82	427	46,102	97,686	2,119	1,657

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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19	0	99 384	65 119,655	2 127 967,576	32,678	32,216
20	1	99 046	63 470,053	2 062 847,921	32,501	32,039
21	2	98 978	62 031,212	1 999 377,868	32,232	31,770
22	3	98 926	60 634,104	1 937 346,656	31,951	31,489
23	4	98 871	59 266,842	1 876 712,552	31,665	31,203
24	5	98 821	57 933,400	1 817 445,710	31,371	30,909
25	6	98 765	56 626,632	1 759 512,310	31,072	30,610
26	7	98 713	55 351,420	1 702 885,678	30,765	30,303
27	8	98 663	54 106,065	1 647 534,258	30,450	29,988
28	9	98 611	52 887,343	1 593 428,193	30,129	29,667
29	10	98 557	51 695,322	1 540 540,850	29,800	29,338
30	11	98 500	50 528,443	1 488 845,528	29,465	29,003
31	12	98 437	49 385,009	1 438 317,085	29,125	28,663
32	13	98 369	48 264,761	1 388 932,076	28,777	28,315
33	14	98 297	47 168,330	1 340 667,314	28,423	27,961
34	15	98 216	46 092,393	1 293 498,985	28,063	27,601
35	16	98 128	45 037,965	1 247 406,592	27,697	27,235
36	17	98 035	44 005,092	1 202 368,628	27,323	26,861
37	18	97 938	42 993,921	1 158 363,536	26,942	26,480
38	19	97 822	41 998,369	1 115 369,614	26,557	26,095
39	20	97 701	41 023,174	1 073 371,246	26,165	25,703
40	21	97 574	40 068,361	1 032 348,072	25,765	25,303
41	22	97 437	39 131,704	992 279,711	25,357	24,895
42	23	97 291	38 213,348	953 148,007	24,943	24,481
43	24	97 134	37 311,907	914 934,659	24,521	24,059
44	25	96 967	36 428,120	877 622,752	24,092	23,630
45	26	96 774	35 555,702	841 194,632	23,659	23,196
46	27	96 566	34 698,660	805 638,931	23,218	22,756
47	28	96 335	33 853,884	770 940,270	22,773	22,311
48	29	96 084	33 022,751	737 086,386	22,321	21,859
49	30	95 804	32 201,991	704 063,636	21,864	21,402
50	31	95 489	31 389,857	671 861,645	21,404	20,942
51	32	95 142	30 587,469	640 471,788	20,939	20,477
52	33	94 757	29 793,441	609 884,319	20,470	20,008
53	34	94 331	29 006,732	580 090,878	19,998	19,536
54	35	93 850	28 223,721	551 084,147	19,526	19,064
55	36	93 312	27 444,602	522 860,426	19,051	18,589
56	37	92 718	26 669,756	495 415,823	18,576	18,114
57	38	92 064	25 898,774	468 746,068	18,099	17,637
58	39	91 333	25 127,987	442 847,294	17,624	17,162
59	40	90 534	24 359,951	417 719,307	17,148	16,686
60	41	89 663	23 594,805	393 359,356	16,671	16,209
61	42	88 716	22 831,828	369 764,551	16,195	15,733
62	43	87 687	22 070,248	346 932,723	15,719	15,257
63	44	86 561	21 307,481	324 862,475	15,246	14,784
64	45	85 354	20 548,203	303 554,993	14,773	14,311
65	46	84 041	19 786,799	283 006,790	14,303	13,841
66	47	82 644	19 029,776	263 219,991	13,832	13,370
67	48	81 160	18 276,893	244 190,215	13,361	12,899
68	49	79 573	17 525,055	225 913,322	12,891	12,429
69	50	77 910	16 781,295	208 388,267	12,418	11,956
70	51	76 125	16 035,968	191 606,972	11,949	11,487
71	52	74 268	15 300,467	175 571,004	11,475	11,013
72	53	72 269	14 561,034	160 270,536	11,007	10,545
73	54	70 196	13 832,137	145 709,503	10,534	10,072
74	55	67 981	13 100,936	131 877,366	10,066	9,604
75	56	65 654	12 374,077	118 776,430	9,599	9,137
76	57	63 220	11 653,072	106 402,353	9,131	8,669
77	58	60 631	10 929,942	94 749,282	8,669	8,207
78	59	57 910	10 209,815	83 819,340	8,210	7,748
79	60	55 017	9 486,272	73 609,525	7,760	7,298
80	61	51 965	8 762,836	64 123,253	7,318	6,856
81	62	48 754	8 040,488	55 360,416	6,885	6,423
82	63	45 328	7 310,985	47 319,928	6,472	6,010
83	64	41 751	6 585,865	40 008,943	6,075	5,613
84	65	38 063	5 872,028	33 423,079	5,692	5,230
85	66	34 286	5 172,950	27 551,051	5,326	4,864
86	67	30 428	4 489,841	22 378,102	4,984	4,522
87	68	26 592	3 837,446	17 888,261	4,662	4,199
88	69	22 838	3 223,127	14 050,815	4,359	3,897
89	70	19 217	2 652,452	10 827,688	4,082	3,620
90	71	15 842	2 138,484	8 175,235	3,823	3,361
91	72	12 788	1 688,247	6 036,752	3,576	3,114
92	73	10 090	1 302,810	4 348,505	3,338	2,876
93	74	7 688	970,777	3 045,695	3,137	2,675
94	75	5 713	705,492	2 074,918	2,941	2,479
95	76	4 090	493,980	1 369,426	2,772	2,310
96	77	2 841	335,551	875,446	2,609	2,147
97	78	1 879	217,083	539,895	2,487	2,025
98	79	1 212	136,981	322,812	2,357	1,895
99	80	751	82,934	185,831	2,241	1,779
100	81	446	48,157	102,896	2,137	1,675

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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20	0	99 344	63 661,378	2 064 478,993	32,429	31,967
21	1	99 003	62 046,596	2 000 817,615	32,247	31,785
22	2	98 938	60 641,637	1 938 771,019	31,971	31,509
23	3	98 881	59 272,955	1 878 129,382	31,686	31,224
24	4	98 830	57 938,944	1 818 856,427	31,393	30,931
25	5	98 774	56 631,677	1 760 917,483	31,094	30,632
26	6	98 722	55 356,317	1 704 285,807	30,788	30,326
27	7	98 668	54 108,579	1 648 929,489	30,474	30,012
28	8	98 618	52 891,029	1 594 820,911	30,153	29,691
29	9	98 563	51 698,485	1 541 929,882	29,825	29,363
30	10	98 506	50 531,399	1 490 231,397	29,491	29,029
31	11	98 445	49 388,828	1 439 699,999	29,150	28,688
32	12	98 376	48 268,552	1 390 311,171	28,804	28,342
33	13	98 306	47 172,774	1 342 042,619	28,450	27,988
34	14	98 225	46 096,643	1 294 869,845	28,090	27,628
35	15	98 140	45 043,445	1 248 773,202	27,724	27,262
36	16	98 050	44 011,573	1 203 729,757	27,350	26,888
37	17	97 951	42 999,776	1 159 718,185	26,970	26,508
38	18	97 842	42 006,645	1 116 718,408	26,584	26,122
39	19	97 718	41 030,345	1 074 711,764	26,193	25,731
40	20	97 592	40 075,770	1 033 681,418	25,793	25,331
41	21	97 453	39 138,158	993 605,648	25,387	24,925
42	22	97 307	38 219,570	954 467,490	24,973	24,511
43	23	97 151	37 318,623	916 247,920	24,552	24,090
44	24	96 984	36 434,676	878 929,297	24,123	23,661
45	25	96 792	35 562,467	842 494,621	23,691	23,229
46	26	96 584	34 705,192	806 932,155	23,251	22,789
47	27	96 356	33 861,170	772 226,963	22,806	22,344
48	28	96 107	33 030,534	738 365,792	22,354	21,892
49	29	95 829	32 210,326	705 335,258	21,898	21,436
50	30	95 520	31 399,815	673 124,932	21,437	20,975
51	31	95 172	30 597,076	641 725,118	20,973	20,511
52	32	94 790	29 803,652	611 128,041	20,505	20,043
53	33	94 365	29 017,187	581 324,389	20,034	19,572
54	34	93 888	28 235,184	552 307,202	19,561	19,099
55	35	93 351	27 455,918	524 072,018	19,088	18,626
56	36	92 761	26 681,989	496 616,100	18,612	18,150
57	37	92 107	25 911,073	469 934,110	18,136	17,674
58	38	91 389	25 143,155	444 023,037	17,660	17,198
59	39	90 589	24 374,603	418 879,883	17,185	16,723
60	40	89 725	23 610,995	394 505,279	16,709	16,247
61	41	88 782	22 848,742	370 894,284	16,233	15,771
62	42	87 756	22 087,780	348 045,542	15,757	15,295
63	43	86 639	21 326,848	325 957,762	15,284	14,822
64	44	85 437	20 568,166	304 630,914	14,811	14,349
65	45	84 138	19 809,625	284 062,748	14,340	13,878
66	46	82 745	19 052,973	264 253,123	13,869	13,407
67	47	81 272	18 301,973	245 200,151	13,397	12,935
68	48	79 700	17 553,035	226 898,178	12,926	12,464
69	49	78 047	16 810,682	209 345,143	12,453	11,991
70	50	76 266	16 065,741	192 534,461	11,984	11,522
71	51	74 427	15 333,322	176 468,720	11,509	11,047
72	52	72 438	14 595,084	161 135,398	11,040	10,578
73	53	70 377	13 867,745	146 540,314	10,567	10,105
74	54	68 178	13 138,890	132 672,570	10,098	9,636
75	55	65 868	12 414,367	119 533,680	9,629	9,167
76	56	63 447	11 694,904	107 119,313	9,159	8,697
77	57	60 870	10 973,001	95 424,409	8,696	8,234
78	58	58 163	10 254,415	84 451,408	8,236	7,774
79	59	55 277	9 531,129	74 196,992	7,785	7,323
80	60	52 241	8 809,314	64 665,863	7,341	6,879
81	61	49 033	8 086,467	55 856,549	6,907	6,445
82	62	45 608	7 356,111	47 770,082	6,494	6,032
83	63	42 035	6 630,614	40 413,972	6,095	5,633
84	64	38 350	5 916,238	33 783,358	5,710	5,248
85	65	34 562	5 214,512	27 867,120	5,344	4,882
86	66	30 697	4 529,529	22 652,609	5,001	4,539
87	67	26 847	3 874,182	18 123,080	4,678	4,216
88	68	23 079	3 257,216	14 248,898	4,375	3,913
89	69	19 442	2 683,459	10 991,681	4,096	3,634
90	70	16 044	2 165,770	8 308,223	3,836	3,374
91	71	12 966	1 711,700	6 142,453	3,589	3,126
92	72	10 242	1 322,399	4 430,753	3,351	2,889
93	73	7 816	986,979	3 108,354	3,149	2,687
94	74	5 817	718,309	2 121,374	2,953	2,491
95	75	4 170	503,666	1 403,065	2,786	2,324
96	76	2 903	342,947	899,399	2,623	2,161
97	77	1 925	222,375	556,452	2,502	2,040
98	78	1 247	140,847	334,077	2,372	1,910
99	79	775	85,624	193,230	2,257	1,795
100	80	463	49,979	107,606	2,153	1,691

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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21	0	99 301	62 233,630	2 002 323,314	32,174	31,712
22	1	98 963	60 656,676	1 940 089,685	31,985	31,523
23	2	98 893	59 280,319	1 879 433,008	31,704	31,242
24	3	98 841	57 944,919	1 820 152,689	31,412	30,950
25	4	98 783	56 637,096	1 762 207,770	31,114	30,652
26	5	98 731	55 361,249	1 705 570,674	30,808	30,346
27	6	98 677	54 113,365	1 650 209,425	30,495	30,033
28	7	98 622	52 893,486	1 596 096,060	30,176	29,714
29	8	98 570	51 702,087	1 543 202,574	29,848	29,386
30	9	98 512	50 534,490	1 491 500,486	29,515	29,052
31	10	98 450	49 391,717	1 440 965,996	29,174	28,712
32	11	98 384	48 272,284	1 391 574,279	28,828	28,366
33	12	98 314	47 176,478	1 343 301,995	28,474	28,012
34	13	98 234	46 100,986	1 296 125,516	28,115	27,653
35	14	98 149	45 047,599	1 250 024,530	27,749	27,287
36	15	98 062	44 016,928	1 204 976,931	27,375	26,913
37	16	97 965	43 006,109	1 160 960,003	26,995	26,533
38	17	97 855	42 012,365	1 117 953,895	26,610	26,148
39	18	97 737	41 038,431	1 075 941,529	26,218	25,756
40	19	97 609	40 082,776	1 034 903,099	25,819	25,357
41	20	97 471	39 145,395	994 820,322	25,413	24,951
42	21	97 323	38 225,874	955 674,927	25,001	24,539
43	22	97 167	37 324,699	917 449,053	24,580	24,118
44	23	97 002	36 441,234	880 124,354	24,152	23,690
45	24	96 810	35 568,867	843 683,120	23,720	23,258
46	25	96 603	34 711,795	808 114,253	23,281	22,819
47	26	96 374	33 867,544	773 402,458	22,836	22,374
48	27	96 128	33 037,643	739 534,914	22,385	21,923
49	28	95 852	32 217,918	706 497,271	21,929	21,467
50	29	95 544	31 407,942	674 279,353	21,468	21,006
51	30	95 202	30 606,783	642 871,411	21,004	20,542
52	31	94 820	29 813,014	612 264,629	20,537	20,075
53	32	94 397	29 027,133	582 451,615	20,066	19,604
54	33	93 922	28 245,362	553 424,482	19,593	19,131
55	34	93 389	27 467,069	525 179,120	19,120	18,658
56	35	92 799	26 692,990	497 712,051	18,646	18,184
57	36	92 150	25 922,959	471 019,061	18,170	17,708
58	37	91 432	25 155,095	445 096,102	17,694	17,232
59	38	90 643	24 389,316	419 941,007	17,218	16,756
60	39	89 779	23 625,197	395 551,691	16,743	16,281
61	40	88 843	22 864,420	371 926,493	16,267	15,805
62	41	87 821	22 104,143	349 062,073	15,792	15,330
63	42	86 708	21 343,789	326 957,930	15,319	14,857
64	43	85 515	20 586,860	305 614,141	14,845	14,383
65	44	84 220	19 828,870	285 027,280	14,374	13,912
66	45	82 840	19 074,952	265 198,410	13,903	13,441
67	46	81 371	18 324,283	246 123,459	13,432	12,970
68	47	79 809	17 577,121	227 799,176	12,960	12,498
69	48	78 171	16 837,522	210 222,055	12,485	12,023
70	49	76 400	16 093,874	193 384,533	12,016	11,554
71	50	74 565	15 361,790	177 290,659	11,541	11,079
72	51	72 593	14 626,424	161 928,868	11,071	10,609
73	52	70 541	13 900,173	147 302,445	10,597	10,135
74	53	68 353	13 172,713	133 402,272	10,127	9,665
75	54	66 059	12 450,333	120 229,558	9,657	9,195
76	55	63 653	11 732,983	107 779,226	9,186	8,724
77	56	61 088	11 012,392	96 046,243	8,722	8,260
78	57	58 393	10 294,813	85 033,851	8,260	7,798
79	58	55 519	9 572,765	74 739,038	7,807	7,345
80	59	52 488	8 850,970	65 166,272	7,363	6,901
81	60	49 293	8 129,357	56 315,303	6,927	6,465
82	61	45 869	7 398,176	48 185,946	6,513	6,051
83	62	42 294	6 671,540	40 787,770	6,114	5,652
84	63	38 610	5 956,437	34 116,230	5,728	5,266
85	64	34 822	5 253,771	28 159,793	5,360	4,898
86	65	30 944	4 565,921	22 906,022	5,017	4,555
87	66	27 084	3 908,428	18 340,100	4,692	4,230
88	67	23 300	3 288,398	14 431,672	4,389	3,927
89	68	19 647	2 711,840	11 143,275	4,109	3,647
90	69	16 231	2 191,087	8 431,435	3,848	3,386
91	70	13 131	1 733,541	6 240,348	3,600	3,138
92	71	10 384	1 340,770	4 506,807	3,361	2,899
93	72	7 934	1 001,820	3 166,037	3,160	2,698
94	73	5 914	730,298	2 164,217	2,963	2,501
95	74	4 246	512,817	1 433,920	2,796	2,334
96	75	2 960	349,672	921,103	2,634	2,172
97	76	1 967	227,276	571,431	2,514	2,052
98	77	1 277	144,280	344,155	2,385	1,923
99	78	797	88,041	199,875	2,270	1,808
100	79	478	51,601	111,834	2,167	1,705

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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22	0	99 261	60 839,520	1 941 479,936	31,911	31,449
23	1	98 918	59 295,021	1 880 640,416	31,717	31,255
24	2	98 853	57 952,119	1 821 345,396	31,428	30,966
25	3	98 794	56 642,938	1 763 393,277	31,132	30,670
26	4	98 740	55 366,546	1 706 750,339	30,826	30,364
27	5	98 685	54 118,186	1 651 383,793	30,514	30,052
28	6	98 631	52 898,165	1 597 265,607	30,195	29,733
29	7	98 574	51 704,489	1 544 367,441	29,869	29,407
30	8	98 518	50 538,012	1 492 662,952	29,535	29,073
31	9	98 456	49 394,739	1 442 124,940	29,196	28,734
32	10	98 390	48 275,108	1 392 730,201	28,850	28,388
33	11	98 322	47 180,127	1 344 455,093	28,496	28,034
34	12	98 242	46 104,607	1 297 274,966	28,138	27,676
35	13	98 159	45 051,843	1 251 170,360	27,772	27,310
36	14	98 071	44 020,987	1 206 118,516	27,399	26,937
37	15	97 977	43 011,342	1 162 097,529	27,018	26,556
38	16	97 869	42 018,552	1 119 086,188	26,633	26,171
39	17	97 751	41 044,019	1 077 067,635	26,242	25,780
40	18	97 628	40 090,675	1 036 023,616	25,842	25,380
41	19	97 488	39 152,239	995 932,941	25,437	24,975
42	20	97 341	38 232,942	956 780,702	25,025	24,563
43	21	97 183	37 330,855	918 547,760	24,606	24,144
44	22	97 017	36 447,168	881 216,905	24,178	23,716
45	23	96 827	35 575,269	844 769,737	23,746	23,284
46	24	96 620	34 718,042	809 194,468	23,308	22,846
47	25	96 392	33 873,988	774 476,426	22,863	22,401
48	26	96 146	33 043,862	740 602,439	22,413	21,951
49	27	95 872	32 224,852	707 558,577	21,957	21,495
50	28	95 567	31 415,345	675 333,725	21,497	21,035
51	29	95 227	30 614,705	643 918,380	21,033	20,571
52	30	94 850	29 822,471	613 303,675	20,565	20,103
53	31	94 427	29 036,250	583 481,204	20,095	19,633
54	32	93 954	28 255,043	554 444,953	19,623	19,161
55	33	93 422	27 476,970	526 189,911	19,150	18,688
56	34	92 837	26 703,832	498 712,940	18,676	18,214
57	35	92 188	25 933,647	472 009,108	18,201	17,739
58	36	91 474	25 166,634	446 075,462	17,725	17,263
59	37	90 686	24 400,899	420 908,828	17,250	16,788
60	38	89 833	23 639,458	396 507,929	16,773	16,311
61	39	88 896	22 878,173	372 868,472	16,298	15,836
62	40	87 881	22 119,310	349 990,298	15,823	15,361
63	41	86 772	21 359,601	327 870,988	15,350	14,888
64	42	85 583	20 603,214	306 511,387	14,877	14,415
65	43	84 296	19 846,892	285 908,173	14,406	13,944
66	44	82 921	19 093,483	266 061,280	13,935	13,473
67	45	81 465	18 345,421	246 967,797	13,462	13,000
68	46	79 907	17 598,548	228 622,376	12,991	12,529
69	47	78 279	16 860,626	211 023,829	12,516	12,054
70	48	76 522	16 119,570	194 163,203	12,045	11,583
71	49	74 696	15 388,691	178 043,633	11,570	11,108
72	50	72 728	14 653,580	162 654,942	11,100	10,638
73	51	70 693	13 930,021	148 001,362	10,625	10,163
74	52	68 513	13 203,517	134 071,341	10,154	9,692
75	53	66 229	12 482,383	120 867,825	9,683	9,221
76	54	63 838	11 766,974	108 385,442	9,211	8,749
77	55	61 287	11 048,249	96 618,468	8,745	8,283
78	56	58 602	10 331,770	85 570,219	8,282	7,820
79	57	55 737	9 610,478	75 238,449	7,829	7,367
80	58	52 717	8 889,635	65 627,971	7,383	6,921
81	59	49 526	8 167,797	56 738,337	6,947	6,485
82	60	46 112	7 437,415	48 570,539	6,531	6,069
83	61	42 536	6 709,691	41 133,124	6,130	5,668
84	62	38 849	5 993,202	34 423,434	5,744	5,282
85	63	35 059	5 289,469	28 430,232	5,375	4,913
86	64	31 177	4 600,298	23 140,762	5,030	4,568
87	65	27 301	3 939,830	18 540,464	4,706	4,244
88	66	23 506	3 317,466	14 600,634	4,401	3,939
89	67	19 835	2 737,800	11 283,169	4,121	3,659
90	68	16 403	2 214,260	8 545,368	3,859	3,397
91	69	13 284	1 753,805	6 331,108	3,610	3,148
92	70	10 517	1 357,878	4 577,303	3,371	2,909
93	71	8 044	1 015,737	3 219,425	3,170	2,708
94	72	6 003	741,279	2 203,688	2,973	2,511
95	73	4 317	521,376	1 462,409	2,805	2,343
96	74	3 014	356,024	941,033	2,643	2,181
97	75	2 006	231,733	585,009	2,524	2,062
98	76	1 305	147,461	353,276	2,396	1,934
99	77	816	90,187	205,815	2,282	1,820
100	78	491	53,057	115,628	2,179	1,717

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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23	0	99 216	59 473,760	1 881 924,353	31,643	31,181
24	1	98 877	57 966,491	1 822 450,594	31,440	30,978
25	2	98 806	56 649,975	1 764 484,103	31,147	30,685
26	3	98 750	55 372,257	1 707 834,128	30,843	30,381
27	4	98 695	54 123,365	1 652 461,871	30,531	30,069
28	5	98 640	52 902,878	1 598 338,506	30,213	29,751
29	6	98 583	51 709,064	1 545 435,628	29,887	29,425
30	7	98 523	50 540,360	1 493 726,564	29,555	29,093
31	8	98 463	49 398,181	1 443 186,204	29,215	28,753
32	9	98 396	48 278,061	1 393 788,023	28,870	28,408
33	10	98 327	47 182,887	1 345 509,962	28,517	28,055
34	11	98 250	46 108,172	1 298 327,075	28,158	27,696
35	12	98 166	45 055,381	1 252 218,903	27,793	27,331
36	13	98 080	44 025,135	1 207 163,522	27,420	26,958
37	14	97 986	43 015,308	1 163 138,387	27,040	26,578
38	15	97 881	42 023,665	1 120 123,079	26,655	26,193
39	16	97 765	41 050,064	1 078 099,414	26,263	25,801
40	17	97 642	40 096,134	1 037 049,350	25,864	25,402
41	18	97 508	39 159,954	996 953,216	25,458	24,996
42	19	97 358	38 239,626	957 793,262	25,047	24,585
43	20	97 201	37 337,758	919 553,636	24,628	24,166
44	21	97 033	36 453,179	882 215,878	24,201	23,739
45	22	96 843	35 581,062	845 762,699	23,770	23,308
46	23	96 638	34 724,291	810 181,637	23,332	22,870
47	24	96 410	33 880,084	775 457,346	22,888	22,426
48	25	96 164	33 050,149	741 577,262	22,438	21,976
49	26	95 890	32 230,918	708 527,113	21,983	21,521
50	27	95 588	31 422,107	676 296,195	21,523	21,061
51	28	95 249	30 621,920	644 874,089	21,059	20,597
52	29	94 874	29 830,190	614 252,168	20,592	20,130
53	30	94 457	29 045,462	584 421,978	20,121	19,659
54	31	93 983	28 263,918	555 376,516	19,650	19,188
55	32	93 454	27 486,388	527 112,599	19,177	18,715
56	33	92 870	26 713,458	499 626,211	18,703	18,241
57	34	92 225	25 944,180	472 912,753	18,228	17,766
58	35	91 512	25 177,010	446 968,573	17,753	17,291
59	36	90 728	24 412,091	421 791,563	17,278	16,816
60	37	89 876	23 650,684	397 379,472	16,802	16,340
61	38	88 950	22 891,983	373 728,788	16,326	15,864
62	39	87 934	22 132,615	350 836,805	15,852	15,390
63	40	86 832	21 374,257	328 704,190	15,379	14,916
64	41	85 646	20 618,477	307 329,932	14,906	14,444
65	42	84 363	19 862,658	286 711,455	14,435	13,973
66	43	82 996	19 110,837	266 848,797	13,963	13,501
67	44	81 544	18 363,244	247 737,959	13,491	13,029
68	45	79 999	17 618,849	229 374,715	13,019	12,557
69	46	78 374	16 881,179	211 755,867	12,544	12,082
70	47	76 627	16 141,689	194 874,688	12,073	11,611
71	48	74 815	15 413,260	178 732,999	11,596	11,134
72	49	72 856	14 679,240	163 319,739	11,126	10,664
73	50	70 824	13 955,884	148 640,499	10,651	10,189
74	51	68 660	13 231,868	134 684,615	10,179	9,717
75	52	66 384	12 511,572	121 452,746	9,707	9,245
76	53	64 002	11 797,265	108 941,174	9,234	8,772
77	54	61 465	11 080,256	97 143,909	8,767	8,305
78	55	58 793	10 365,410	86 063,652	8,303	7,841
79	56	55 938	9 644,978	75 698,242	7,848	7,386
80	57	52 925	8 924,656	66 053,265	7,401	6,939
81	58	49 742	8 203,478	57 128,608	6,964	6,502
82	59	46 330	7 472,584	48 925,131	6,547	6,085
83	60	42 762	6 745,278	41 452,547	6,145	5,683
84	61	39 071	6 027,474	34 707,269	5,758	5,296
85	62	35 275	5 322,118	28 679,795	5,389	4,927
86	63	31 389	4 631,556	23 357,677	5,043	4,581
87	64	27 507	3 969,493	18 726,122	4,718	4,255
88	65	23 695	3 344,120	14 756,629	4,413	3,951
89	66	20 011	2 762,001	11 412,509	4,132	3,670
90	67	16 560	2 235,458	8 650,508	3,870	3,408
91	68	13 425	1 772,354	6 415,050	3,620	3,157
92	69	10 640	1 373,751	4 642,696	3,380	2,918
93	70	8 147	1 028,697	3 268,945	3,178	2,716
94	71	6 086	751,577	2 240,248	2,981	2,519
95	72	4 382	529,215	1 488,671	2,813	2,351
96	73	3 064	361,967	959,456	2,651	2,189
97	74	2 042	235,943	597,489	2,532	2,070
98	75	1 331	150,352	361,547	2,405	1,943
99	76	834	92,175	211,194	2,291	1,829
100	77	503	54,350	119,020	2,190	1,728

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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24	0	99 175	58 141,225	1 823 636,663	31,366	30,904
25	1	98 830	56 664,024	1 765 495,438	31,157	30,695
26	2	98 763	55 379,136	1 708 831,414	30,857	30,395
27	3	98 705	54 128,947	1 653 452,277	30,547	30,085
28	4	98 649	52 907,941	1 599 323,330	30,228	29,766
29	5	98 592	51 713,670	1 546 415,390	29,903	29,441
30	6	98 532	50 544,831	1 494 701,719	29,572	29,110
31	7	98 468	49 400,476	1 444 156,888	29,234	28,772
32	8	98 403	48 281,426	1 394 756,412	28,888	28,426
33	9	98 333	47 185,773	1 346 474,987	28,536	28,074
34	10	98 255	46 110,869	1 299 289,214	28,178	27,715
35	11	98 174	45 058,866	1 253 178,344	27,812	27,350
36	12	98 088	44 028,592	1 208 119,479	27,439	26,977
37	13	97 996	43 019,361	1 164 090,887	27,060	26,598
38	14	97 890	42 027,541	1 121 071,526	26,675	26,213
39	15	97 777	41 055,059	1 079 043,985	26,283	25,821
40	16	97 656	40 102,039	1 037 988,926	25,884	25,422
41	17	97 521	39 165,287	997 886,887	25,479	25,017
42	18	97 377	38 247,161	958 721,600	25,066	24,604
43	19	97 218	37 344,286	920 474,439	24,648	24,186
44	20	97 051	36 459,919	883 130,153	24,222	23,760
45	21	96 859	35 586,930	846 670,234	23,792	23,330
46	22	96 653	34 729,945	811 083,304	23,354	22,892
47	23	96 427	33 886,182	776 353,358	22,911	22,449
48	24	96 181	33 056,097	742 467,176	22,461	21,999
49	25	95 909	32 237,050	709 411,079	22,006	21,544
50	26	95 605	31 428,021	677 174,029	21,547	21,085
51	27	95 270	30 628,511	645 746,008	21,083	20,621
52	28	94 897	29 837,221	615 117,496	20,616	20,154
53	29	94 481	29 052,980	585 280,275	20,145	19,683
54	30	94 013	28 272,884	556 227,296	19,674	19,212
55	31	93 484	27 495,021	527 954,412	19,202	18,740
56	32	92 902	26 722,614	500 459,391	18,728	18,266
57	33	92 258	25 953,532	473 736,777	18,253	17,791
58	34	91 549	25 187,236	447 783,245	17,778	17,316
59	35	90 765	24 422,157	422 596,009	17,304	16,842
60	36	89 917	23 661,533	398 173,853	16,828	16,366
61	37	88 992	22 902,854	374 512,320	16,352	15,890
62	38	87 987	22 145,975	351 609,466	15,877	15,415
63	39	86 884	21 387,114	329 463,491	15,405	14,943
64	40	85 705	20 632,625	308 076,377	14,932	14,470
65	41	84 426	19 877,373	287 443,752	14,461	13,999
66	42	83 062	19 126,019	267 566,379	13,990	13,528
67	43	81 618	18 379,934	248 440,360	13,517	13,055
68	44	80 076	17 635,966	230 060,426	13,045	12,583
69	45	78 464	16 900,652	212 424,461	12,569	12,107
70	46	76 720	16 161,366	195 523,808	12,098	11,636
71	47	74 918	15 434,410	179 362,443	11,621	11,159
72	48	72 972	14 702,677	163 928,032	11,150	10,688
73	49	70 948	13 980,323	149 225,356	10,674	10,212
74	50	68 788	13 256,435	135 245,033	10,202	9,740
75	51	66 526	12 538,438	121 988,598	9,729	9,267
76	52	64 152	11 824,852	109 450,159	9,256	8,794
77	53	61 623	11 108,780	97 625,307	8,788	8,326
78	54	58 963	10 395,439	86 516,527	8,323	7,861
79	55	56 120	9 676,382	76 121,088	7,867	7,405
80	56	53 114	8 956,694	66 444,706	7,418	6,956
81	57	49 938	8 235,796	57 488,012	6,980	6,518
82	58	46 532	7 505,227	49 252,216	6,562	6,100
83	59	42 964	6 777,174	41 746,989	6,160	5,698
84	60	39 278	6 059,443	34 969,815	5,771	5,309
85	61	35 477	5 352,552	28 910,372	5,401	4,939
86	62	31 582	4 660,143	23 557,820	5,055	4,593
87	63	27 694	3 996,465	18 897,677	4,729	4,267
88	64	23 873	3 369,297	14 901,212	4,423	3,961
89	65	20 171	2 784,192	11 531,915	4,142	3,680
90	66	16 707	2 255,218	8 747,723	3,879	3,417
91	67	13 553	1 789,321	6 492,505	3,628	3,166
92	68	10 752	1 388,280	4 703,184	3,388	2,926
93	69	8 242	1 040,723	3 314,903	3,185	2,723
94	70	6 164	761,167	2 274,181	2,988	2,526
95	71	4 443	536,567	1 513,014	2,820	2,358
96	72	3 110	367,409	976,447	2,658	2,196
97	73	2 077	239,881	609,038	2,539	2,077
98	74	1 355	153,084	369,157	2,411	1,949
99	75	851	93,982	216,074	2,299	1,837
100	76	514	55,548	122,092	2,198	1,736

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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25	0	99 128	56 834,832	1 766 591,428	31,083	30,621
26	1	98 787	55 392,871	1 709 756,596	30,866	30,404
27	2	98 717	54 135,672	1 654 363,725	30,560	30,098
28	3	98 659	52 913,397	1 600 228,053	30,242	29,780
29	4	98 601	51 718,619	1 547 314,656	29,918	29,456
30	5	98 541	50 549,334	1 495 596,037	29,587	29,125
31	6	98 476	49 404,846	1 445 046,703	29,249	28,787
32	7	98 407	48 283,669	1 395 641,857	28,905	28,443
33	8	98 340	47 189,061	1 347 358,188	28,552	28,090
34	9	98 261	46 113,690	1 300 169,126	28,195	27,733
35	10	98 180	45 061,501	1 254 055,436	27,830	27,368
36	11	98 095	44 031,997	1 208 993,935	27,457	26,995
37	12	98 003	43 022,739	1 164 961,938	27,078	26,616
38	13	97 900	42 031,500	1 121 939,198	26,693	26,231
39	14	97 786	41 058,845	1 079 907,698	26,301	25,839
40	15	97 668	40 106,919	1 038 848,853	25,902	25,440
41	16	97 535	39 171,055	998 741,934	25,497	25,035
42	17	97 391	38 252,370	959 570,880	25,085	24,623
43	18	97 237	37 351,644	921 318,510	24,666	24,204
44	19	97 068	36 466,293	883 966,865	24,241	23,779
45	20	96 877	35 593,511	847 500,572	23,811	23,349
46	21	96 669	34 735,673	811 907,061	23,374	22,912
47	22	96 443	33 891,700	777 171,388	22,931	22,469
48	23	96 199	33 062,047	743 279,688	22,481	22,019
49	24	95 926	32 242,852	710 217,641	22,027	21,565
50	25	95 624	31 434,001	677 974,789	21,568	21,106
51	26	95 288	30 634,277	646 540,788	21,105	20,643
52	27	94 917	29 843,643	615 906,512	20,638	20,176
53	28	94 504	29 059,827	586 062,869	20,167	19,705
54	29	94 038	28 280,202	557 003,042	19,696	19,234
55	30	93 513	27 503,743	528 722,840	19,224	18,762
56	31	92 931	26 731,007	501 219,096	18,750	18,288
57	32	92 290	25 962,427	474 488,089	18,276	17,814
58	33	91 582	25 196,315	448 525,662	17,801	17,339
59	34	90 802	24 432,076	423 329,347	17,327	16,865
60	35	89 954	23 671,288	398 897,271	16,852	16,390
61	36	89 033	22 913,360	375 225,982	16,376	15,914
62	37	88 029	22 156,492	352 312,623	15,901	15,439
63	38	86 937	21 400,024	330 156,131	15,428	14,966
64	39	85 757	20 645,036	308 756,107	14,955	14,493
65	40	84 484	19 891,012	288 111,071	14,484	14,022
66	41	83 124	19 140,187	268 220,059	14,013	13,551
67	42	81 683	18 394,535	249 079,872	13,541	13,079
68	43	80 149	17 651,995	230 685,337	13,069	12,606
69	44	78 541	16 917,072	213 033,342	12,593	12,131
70	45	76 809	16 180,009	196 116,271	12,121	11,659
71	46	75 009	15 453,225	179 936,262	11,644	11,182
72	47	73 072	14 722,851	164 483,037	11,172	10,710
73	48	71 061	14 002,644	149 760,186	10,695	10,233
74	49	68 908	13 279,649	135 757,542	10,223	9,761
75	50	66 650	12 561,718	122 477,893	9,750	9,288
76	51	64 289	11 850,244	109 916,175	9,275	8,813
77	52	61 767	11 134,757	98 065,931	8,807	8,345
78	53	59 115	10 422,200	86 931,175	8,341	7,879
79	54	56 282	9 704,415	76 508,974	7,884	7,422
80	55	53 287	8 985,857	66 804,559	7,434	6,972
81	56	50 118	8 265,361	57 818,702	6,995	6,533
82	57	46 716	7 534,795	49 553,341	6,577	6,115
83	58	43 152	6 806,780	42 018,547	6,173	5,711
84	59	39 464	6 088,096	35 211,767	5,784	5,322
85	60	35 665	5 380,941	29 123,671	5,412	4,950
86	61	31 763	4 686,792	23 742,730	5,066	4,604
87	62	27 865	4 021,132	19 055,938	4,739	4,277
88	63	24 035	3 392,191	15 034,807	4,432	3,970
89	64	20 323	2 805,154	11 642,616	4,150	3,688
90	65	16 841	2 273,338	8 837,461	3,887	3,425
91	66	13 673	1 805,138	6 564,124	3,636	3,174
92	67	10 855	1 401,570	4 758,986	3,395	2,933
93	68	8 329	1 051,730	3 357,416	3,192	2,730
94	69	6 236	770,064	2 305,686	2,994	2,532
95	70	4 499	543,414	1 535,622	2,826	2,364
96	71	3 154	372,513	992,208	2,664	2,202
97	72	2 108	243,487	619,695	2,545	2,083
98	73	1 378	155,639	376,207	2,417	1,955
99	74	866	95,690	220,569	2,305	1,843
100	75	524	56,637	124,879	2,205	1,743

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	3 385 003,175	33,850	33,388	50	50	94 053	27 363,874	521 500,241	19,058	18,596
1	1	99 344	96 921,278	3 285 003,175	33,894	33,431	51	51	93 566	26 558,408	494 136,367	18,606	18,143
2	2	99 292	94 507,769	3 188 081,897	33,734	33,271	52	52	93 020	25 759,408	467 577,958	18,152	17,689
3	3	99 264	92 176,856	3 093 574,128	33,561	33,099	53	53	92 419	24 968,682	441 818,550	17,695	17,232
4	4	99 243	89 909,570	3 001 397,272	33,382	32,920	54	54	91 749	24 183,009	416 849,868	17,237	16,775
5	5	99 223	87 698,916	2 911 487,702	33,199	32,736	55	55	90 997	23 399,960	392 666,860	16,781	16,318
6	6	99 204	85 543,702	2 823 788,786	33,010	32,547	56	56	90 166	22 620,597	369 266,899	16,324	15,862
7	7	99 187	83 442,302	2 738 245,083	32,816	32,354	57	57	89 251	21 845,080	346 646,302	15,868	15,406
8	8	99 174	81 396,330	2 654 802,782	32,616	32,153	58	58	88 249	21 072,986	324 801,223	15,413	14,951
9	9	99 158	79 398,729	2 573 406,452	32,411	31,949	59	59	87 149	20 302,632	303 728,237	14,960	14,498
10	10	99 144	77 451,239	2 494 007,722	32,201	31,739	60	60	85 963	19 538,036	283 425,605	14,506	14,044
11	11	99 130	75 551,778	2 416 556,484	31,985	31,523	61	61	84 669	18 774,521	263 887,570	14,056	13,593
12	12	99 115	73 697,647	2 341 004,706	31,765	31,303	62	62	83 277	18 015,375	245 113,049	13,606	13,143
13	13	99 101	71 889,548	2 267 307,059	31,539	31,076	63	63	81 777	17 259,565	227 097,673	13,158	12,695
14	14	99 082	70 122,813	2 195 417,510	31,308	30,846	64	64	80 171	16 507,900	209 838,108	12,711	12,249
15	15	99 059	68 396,912	2 125 294,698	31,073	30,611	65	65	78 438	15 757,094	193 330,208	12,269	11,807
16	16	99 031	66 709,909	2 056 897,786	30,833	30,371	66	66	76 613	15 015,071	177 573,114	11,826	11,364
17	17	98 992	65 057,151	1 990 187,877	30,591	30,129	67	67	74 681	14 279,368	162 558,043	11,384	10,922
18	18	98 951	63 444,313	1 925 130,725	30,344	29,881	68	68	72 641	13 550,663	148 278,675	10,943	10,480
19	19	98 894	61 860,983	1 861 686,412	30,095	29,632	69	69	70 502	12 830,891	134 728,012	10,500	10,038
20	20	98 837	60 317,634	1 799 825,429	29,839	29,377	70	70	68 217	12 112,233	121 897,121	10,064	9,602
21	21	98 777	58 810,185	1 739 507,795	29,578	29,116	71	71	65 856	11 407,708	109 784,887	9,624	9,161
22	22	98 720	57 343,081	1 680 697,609	29,310	28,847	72	72	63 353	10 706,512	98 377,179	9,189	8,726
23	23	98 659	55 909,986	1 623 354,528	29,035	28,573	73	73	60 780	10 021,194	87 670,667	8,749	8,286
24	24	98 601	54 514,176	1 567 444,543	28,753	28,291	74	74	58 064	9 339,846	77 649,473	8,314	7,851
25	25	98 537	53 149,741	1 512 930,367	28,465	28,003	75	75	55 255	8 671,262	68 309,626	7,878	7,415
26	26	98 475	51 820,839	1 459 780,625	28,170	27,707	76	76	52 370	8 018,112	59 638,365	7,438	6,976
27	27	98 411	50 524,207	1 407 959,786	27,867	27,405	77	77	49 336	7 369,333	51 620,252	7,005	6,542
28	28	98 344	49 258,543	1 357 435,578	27,557	27,095	78	78	46 202	6 732,883	44 250,919	6,572	6,110
29	29	98 274	48 022,496	1 308 177,035	27,241	26,779	79	79	42 891	6 097,893	37 518,037	6,153	5,690
30	30	98 197	46 814,658	1 260 154,539	26,918	26,456	80	80	39 447	5 471,467	31 420,144	5,743	5,280
31	31	98 111	45 632,721	1 213 339,881	26,589	26,127	81	81	35 864	4 853,180	25 948,677	5,347	4,884
32	32	98 019	44 478,339	1 167 707,160	26,253	25,791	82	82	32 118	4 240,251	21 095,497	4,975	4,513
33	33	97 924	43 351,131	1 123 228,822	25,910	25,448	83	83	28 314	3 646,837	16 855,246	4,622	4,159
34	34	97 817	42 247,612	1 079 877,691	25,561	25,098	84	84	24 532	3 082,713	13 208,409	4,285	3,822
35	35	97 702	41 168,743	1 037 630,079	25,204	24,742	85	85	20 824	2 552,901	10 125,696	3,966	3,504
36	36	97 583	40 115,865	996 461,336	24,840	24,377	86	86	17 225	2 060,163	7 572,795	3,676	3,213
37	37	97 455	39 085,863	956 345,470	24,468	24,005	87	87	13 872	1 618,733	5 512,632	3,406	2,943
38	38	97 313	38 077,104	917 259,607	24,090	23,627	88	88	10 836	1 233,638	3 893,899	3,156	2,694
39	39	97 150	37 086,346	879 182,503	23,706	23,244	89	89	8 172	907,568	2 660,261	2,931	2,469
40	40	96 984	36 119,769	842 096,158	23,314	22,852	90	90	5 939	643,492	1 752,692	2,724	2,261
41	41	96 797	35 171,049	805 976,389	22,916	22,453	91	91	4 144	438,037	1 109,200	2,532	2,070
42	42	96 597	34 242,085	770 805,340	22,510	22,048	92	92	2 762	284,899	671,163	2,356	1,893
43	43	96 381	33 332,302	736 563,255	22,098	21,635	93	93	1 739	174,936	386,263	2,208	1,746
44	44	96 145	32 439,763	703 230,953	21,678	21,216	94	94	1 041	102,142	211,327	2,069	1,607
45	45	95 879	31 560,984	670 791,190	21,254	20,791	95	95	585	56,000	109,185	1,950	1,487
46	46	95 581	30 695,483	639 230,206	20,825	20,362	96	96	310	28,980	53,185	1,835	1,373
47	47	95 257	29 845,173	608 534,723	20,390	19,927	97	97	150	13,686	24,205	1,769	1,306
48	48	94 901	29 008,490	578 689,550	19,949	19,487	98	98	70	6,209	10,519	1,694	1,232
49	49	94 498	28 180,819	549 681,060	19,506	19,043	99	99	31	2,659	4,310	1,621	1,158
							100	100	13	1,060	1,651	1,557	1,095

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 699	99 699,466	3 378 114,206	33,883	33,421	50	51	93 878	27 313,163	515 706,248	18,881	18,419
1	2	99 320	96 897,247	3 278 414,740	33,834	33,372	51	52	93 366	26 501,502	488 393,085	18,429	17,966
2	3	99 280	94 496,029	3 181 517,493	33,668	33,206	52	53	92 803	25 699,313	461 891,583	17,973	17,510
3	4	99 254	92 167,350	3 087 021,464	33,494	33,031	53	54	92 182	24 904,570	436 192,271	17,515	17,052
4	5	99 234	89 900,967	2 994 854,114	33,313	32,850	54	55	91 483	24 113,151	411 287,700	17,057	16,594
5	6	99 214	87 691,104	2 904 953,147	33,127	32,665	55	56	90 702	23 324,017	387 174,549	16,600	16,137
6	7	99 196	85 536,135	2 817 262,043	32,937	32,474	56	57	89 843	22 539,684	363 850,532	16,143	15,680
7	8	99 182	83 438,425	2 731 725,908	32,739	32,277	57	58	88 901	21 759,357	341 310,848	15,686	15,223
8	9	99 167	81 390,658	2 648 287,483	32,538	32,076	58	59	87 865	20 981,330	319 551,491	15,230	14,768
9	10	99 152	79 393,872	2 566 896,825	32,331	31,869	59	60	86 738	20 207,080	298 570,161	14,776	14,313
10	11	99 138	77 446,708	2 487 502,953	32,119	31,656	60	61	85 510	19 434,954	278 363,081	14,323	13,860
11	12	99 123	75 545,935	2 410 056,244	31,902	31,439	61	62	84 188	18 667,771	258 928,127	13,870	13,408
12	13	99 107	73 691,860	2 334 510,309	31,679	31,217	62	63	82 766	17 904,861	240 260,355	13,419	12,956
13	14	99 091	71 882,775	2 260 818,449	31,451	30,989	63	64	81 226	17 143,082	222 355,495	12,971	12,508
14	15	99 073	70 116,347	2 188 935,673	31,219	30,756	64	65	79 572	16 384,541	205 212,412	12,525	12,062
15	16	99 047	68 388,590	2 118 819,326	30,982	30,520	65	66	77 813	15 631,503	188 827,871	12,080	11,618
16	17	99 017	66 700,087	2 050 430,736	30,741	30,279	66	67	75 942	14 883,508	173 196,367	11,637	11,174
17	18	98 979	65 048,293	1 983 730,650	30,496	30,034	67	68	73 972	14 143,968	158 312,860	11,193	10,731
18	19	98 932	63 431,813	1 918 682,357	30,248	29,786	68	69	71 881	13 408,846	144 168,892	10,752	10,289
19	20	98 877	61 850,171	1 855 250,543	29,996	29,533	69	70	69 688	12 682,635	130 760,045	10,310	9,848
20	21	98 819	60 306,482	1 793 400,373	29,738	29,276	70	71	67 358	11 959,634	118 077,410	9,873	9,411
21	22	98 760	58 800,488	1 733 093,890	29,474	29,012	71	72	64 953	11 251,402	106 117,776	9,432	8,969
22	23	98 704	57 333,745	1 674 293,402	29,203	28,740	72	73	62 414	10 547,910	94 866,374	8,994	8,531
23	24	98 642	55 899,924	1 616 959,657	28,926	28,464	73	74	59 782	9 856,685	84 318,464	8,554	8,092
24	25	98 583	54 504,367	1 561 059,733	28,641	28,179	74	75	57 028	9 173,194	74 461,779	8,117	7,655
25	26	98 518	53 139,631	1 506 555,366	28,351	27,888	75	76	54 192	8 504,501	65 288,585	7,677	7,215
26	27	98 456	51 811,087	1 453 415,735	28,052	27,590	76	77	51 241	7 845,194	56 784,084	7,238	6,776
27	28	98 390	50 513,335	1 401 604,648	27,747	27,285	77	78	48 162	7 193,969	48 938,890	6,803	6,340
28	29	98 321	49 246,936	1 351 091,313	27,435	26,973	78	79	44 934	6 548,078	41 744,921	6,375	5,913
29	30	98 248	48 010,069	1 301 844,377	27,116	26,654	79	80	41 544	5 906,331	35 196,843	5,959	5,497
30	31	98 166	46 799,812	1 253 834,308	26,791	26,329	80	81	38 009	5 271,969	29 290,511	5,556	5,093
31	32	98 080	45 618,392	1 207 034,496	26,459	25,997	81	82	34 334	4 646,076	24 018,543	5,170	4,707
32	33	97 986	44 463,099	1 161 416,104	26,121	25,658	82	83	30 532	4 030,872	19 372,467	4,806	4,344
33	34	97 888	43 335,510	1 116 953,005	25,775	25,312	83	84	26 708	3 440,019	15 341,595	4,460	3,997
34	35	97 777	42 230,460	1 073 617,495	25,423	24,960	84	85	22 934	2 881,834	11 901,576	4,130	3,667
35	36	97 662	41 151,776	1 031 387,035	25,063	24,601	85	86	19 239	2 358,562	9 019,742	3,824	3,362
36	37	97 539	40 097,472	990 235,259	24,696	24,233	86	87	15 723	1 880,558	6 661,179	3,542	3,080
37	38	97 408	39 067,311	950 137,787	24,321	23,858	87	88	12 486	1 456,948	4 780,621	3,281	2,819
38	39	97 254	38 054,134	911 070,476	23,941	23,479	88	89	9 599	1 092,754	3 323,673	3,042	2,579
39	40	97 092	37 064,051	873 016,342	23,554	23,092	89	90	7 113	790,022	2 230,919	2,824	2,361
40	41	96 917	36 095,002	835 952,291	23,160	22,697	90	91	5 063	548,593	1 440,897	2,627	2,164
41	42	96 726	35 145,013	799 857,289	22,759	22,296	91	92	3 449	364,607	892,304	2,447	1,985
42	43	96 520	34 214,905	764 712,276	22,350	21,888	92	93	2 244	231,480	527,697	2,280	1,817
43	44	96 293	33 302,034	730 497,371	21,936	21,473	93	94	1 375	138,379	296,217	2,141	1,678
44	45	96 052	32 408,278	697 195,337	21,513	21,050	94	95	801	78,632	157,838	2,007	1,545
45	46	95 769	31 524,618	664 787,059	21,088	20,625	95	96	437	41,845	79,206	1,893	1,430
46	47	95 465	30 658,111	633 262,441	20,656	20,193	96	97	222	20,702	37,361	1,805	1,342
47	48	95 126	29 804,276	602 604,330	20,219	19,756	97	98	105	9,594	16,659	1,737	1,274
48	49	94 750	28 962,249	572 800,054	19,777	19,315	98	99	48	4,265	7,066	1,657	1,194
49	50	94 333	28 131,557	543 837,805	19,332	18,870	99	100	20	1,763	2,801	1,588	1,126

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 675	99 674,746	3 371 019,801	33,820	33,358
1	3	99 307	96 885,210	3 271 345,054	33,765	33,303
2	4	99 270	94 486,284	3 174 459,844	33,597	33,135
3	5	99 245	92 158,531	3 079 973,561	33,420	32,958
4	6	99 225	89 892,958	2 987 815,030	33,237	32,775
5	7	99 206	87 683,347	2 897 922,072	33,050	32,587
6	8	99 191	85 532,162	2 810 238,725	32,856	32,394
7	9	99 175	83 432,611	2 724 706,563	32,658	32,195
8	10	99 161	81 385,679	2 641 273,952	32,454	31,991
9	11	99 146	79 389,228	2 559 888,273	32,245	31,782
10	12	99 131	77 440,720	2 480 499,045	32,031	31,569
11	13	99 115	75 540,003	2 403 058,325	31,812	31,349
12	14	99 098	73 684,917	2 327 518,322	31,587	31,125
13	15	99 082	71 876,147	2 253 833,405	31,357	30,895
14	16	99 061	70 107,816	2 181 957,257	31,123	30,660
15	17	99 032	68 378,520	2 111 849,441	30,885	30,422
16	18	99 003	66 691,005	2 043 470,921	30,641	30,178
17	19	98 959	65 035,477	1 976 779,917	30,395	29,933
18	20	98 915	63 420,726	1 911 744,439	30,144	29,681
19	21	98 859	61 838,736	1 848 323,713	29,889	29,427
20	22	98 803	60 296,538	1 786 484,977	29,628	29,166
21	23	98 744	58 790,914	1 726 188,439	29,361	28,899
22	24	98 686	57 323,427	1 667 397,525	29,088	28,625
23	25	98 624	55 889,865	1 610 074,097	28,808	28,346
24	26	98 565	54 493,999	1 554 184,232	28,520	28,058
25	27	98 499	53 129,630	1 499 690,233	28,227	27,765
26	28	98 435	51 799,938	1 446 560,603	27,926	27,463
27	29	98 367	50 501,432	1 394 760,665	27,618	27,156
28	30	98 296	49 234,192	1 344 259,233	27,303	26,841
29	31	98 217	47 994,844	1 295 025,040	26,983	26,520
30	32	98 135	46 785,117	1 247 030,197	26,654	26,192
31	33	98 046	45 602,762	1 200 245,080	26,320	25,857
32	34	97 951	44 447,077	1 154 642,318	25,978	25,515
33	35	97 849	43 317,916	1 110 195,240	25,629	25,167
34	36	97 737	42 213,055	1 066 877,324	25,274	24,811
35	37	97 617	41 132,908	1 024 664,269	24,911	24,449
36	38	97 492	40 078,440	983 531,361	24,540	24,078
37	39	97 350	39 043,743	943 452,921	24,164	23,702
38	40	97 196	38 031,258	904 409,178	23,781	23,318
39	41	97 025	37 038,637	866 377,920	23,391	22,929
40	42	96 846	36 068,282	829 339,284	22,994	22,531
41	43	96 649	35 117,117	793 271,002	22,589	22,127
42	44	96 432	34 183,835	758 153,885	22,179	21,716
43	45	96 200	33 269,712	723 970,050	21,761	21,298
44	46	95 941	32 370,936	690 700,338	21,337	20,875
45	47	95 652	31 486,236	658 329,402	20,908	20,446
46	48	95 334	30 616,100	626 843,166	20,474	20,012
47	49	94 975	29 756,767	596 227,066	20,037	19,574
48	50	94 584	28 911,621	566 470,299	19,593	19,131
49	51	94 158	28 079,424	537 558,678	19,144	18,682
50	52	93 677	27 254,639	509 479,254	18,693	18,231
51	53	93 148	26 439,675	482 224,615	18,239	17,776
52	54	92 565	25 633,325	455 784,940	17,781	17,319
53	55	91 915	24 832,629	430 151,615	17,322	16,860
54	56	91 187	24 034,893	405 318,987	16,864	16,401
55	57	90 377	23 240,588	381 284,093	16,406	15,944
56	58	89 490	22 451,235	358 043,506	15,948	15,485
57	59	88 514	21 664,716	335 592,270	15,490	15,028
58	60	87 452	20 882,585	313 927,554	15,033	14,571
59	61	86 281	20 100,468	293 044,969	14,579	14,117
60	62	85 024	19 324,449	272 944,501	14,124	13,662
61	63	83 671	18 553,255	253 620,052	13,670	13,207
62	64	82 207	17 784,023	235 066,797	13,218	12,755
63	65	80 619	17 014,978	217 282,774	12,770	12,308
64	66	78 938	16 253,949	200 267,796	12,321	11,859
65	67	77 131	15 494,538	184 013,846	11,876	11,414
66	68	75 222	14 742,379	168 519,308	11,431	10,969
67	69	73 198	13 995,942	153 776,929	10,987	10,525
68	70	71 050	13 253,913	139 780,988	10,546	10,084
69	71	68 810	12 522,849	126 527,075	10,104	9,641
70	72	66 435	11 795,766	114 004,226	9,665	9,202
71	73	63 991	11 084,729	102 208,460	9,221	8,758
72	74	61 390	10 374,754	91 123,731	8,783	8,321
73	75	58 716	9 680,810	80 748,978	8,341	7,879
74	76	55 931	8 996,781	71 068,167	7,899	7,437
75	77	53 024	8 321,094	62 071,387	7,460	6,997
76	78	50 022	7 658,506	53 750,293	7,018	6,556
77	79	46 840	6 996,508	46 091,786	6,588	6,125
78	80	43 522	6 342,374	39 095,278	6,164	5,702
79	81	40 029	5 690,978	32 752,904	5,755	5,293
80	82	36 387	5 046,993	27 061,927	5,362	4,900
81	83	32 638	4 416,657	22 014,933	4,985	4,522
82	84	28 801	3 802,275	17 598,276	4,628	4,166
83	85	24 968	3 215,857	13 796,000	4,290	3,828
84	86	21 188	2 662,455	10 580,143	3,974	3,511
85	87	17 561	2 152,943	7 917,688	3,678	3,215
86	88	14 152	1 692,605	5 764,745	3,406	2,943
87	89	11 060	1 290,562	4 072,141	3,155	2,693
88	90	8 356	951,223	2 781,579	2,924	2,462
89	91	6 064	673,513	1 830,356	2,718	2,255
90	92	4 214	456,630	1 156,843	2,533	2,071
91	93	2 802	296,243	700,214	2,364	1,901
92	94	1 775	183,107	403,971	2,206	1,744
93	95	1 059	106,529	220,864	2,073	1,611
94	96	599	58,756	114,335	1,946	1,484
95	97	312	29,892	55,579	1,859	1,397
96	98	155	14,512	25,688	1,770	1,308
97	99	72	6,590	11,176	1,696	1,234
98	100	32	2,828	4,587	1,622	1,159

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 662	99 662,364	3 363 423,182	33,748	33,286
1	4	99 297	96 875,219	3 263 760,818	33,690	33,228
2	5	99 260	94 477,243	3 166 885,599	33,520	33,058
3	6	99 236	92 150,321	3 072 408,356	33,341	32,879
4	7	99 216	89 885,006	2 980 258,035	33,156	32,694
5	8	99 201	87 679,274	2 890 373,029	32,965	32,503
6	9	99 184	85 526,201	2 802 693,755	32,770	32,308
7	10	99 169	83 427,507	2 717 167,554	32,569	32,107
8	11	99 155	81 380,918	2 633 740,047	32,363	31,901
9	12	99 139	79 383,089	2 552 359,128	32,152	31,690
10	13	99 123	77 434,639	2 472 976,039	31,936	31,474
11	14	99 106	75 532,886	2 395 541,400	31,715	31,253
12	15	99 089	73 678,123	2 320 008,514	31,488	31,026
13	16	99 070	71 867,402	2 246 330,391	31,257	30,794
14	17	99 046	70 097,493	2 174 462,989	31,021	30,558
15	18	99 019	68 369,210	2 104 365,496	30,779	30,317
16	19	98 984	66 677,865	2 035 996,286	30,535	30,072
17	20	98 942	65 024,110	1 969 318,421	30,286	29,824
18	21	98 896	63 409,001	1 904 294,311	30,032	29,570
19	22	98 842	61 828,539	1 840 885,310	29,774	29,312
20	23	98 787	60 286,721	1 779 056,771	29,510	29,048
21	24	98 726	58 780,334	1 718 770,050	29,241	28,778
22	25	98 669	57 313,113	1 659 989,716	28,964	28,501
23	26	98 605	55 879,234	1 602 676,603	28,681	28,219
24	27	98 546	54 483,743	1 546 797,369	28,390	27,928
25	28	98 478	53 118,198	1 492 313,626	28,094	27,632
26	29	98 412	51 787,732	1 439 195,428	27,790	27,328
27	30	98 341	50 488,364	1 387 407,697	27,480	27,017
28	31	98 265	49 218,579	1 336 919,333	27,163	26,700
29	32	98 186	47 979,773	1 287 700,754	26,838	26,376
30	33	98 101	46 769,087	1 239 720,980	26,507	26,045
31	34	98 011	45 586,330	1 192 951,894	26,169	25,707
32	35	97 911	44 429,032	1 147 365,564	25,825	25,362
33	36	97 808	43 300,063	1 102 936,532	25,472	25,010
34	37	97 692	42 193,701	1 059 636,468	25,114	24,651
35	38	97 570	41 113,384	1 017 442,768	24,747	24,285
36	39	97 433	40 054,262	976 329,384	24,375	23,913
37	40	97 291	39 020,272	936 275,121	23,995	23,532
38	41	97 129	38 005,180	897 254,849	23,609	23,146
39	42	96 954	37 011,218	859 249,669	23,216	22,754
40	43	96 769	36 039,652	822 238,451	22,815	22,352
41	44	96 561	35 085,228	786 198,799	22,408	21,946
42	45	96 339	34 150,657	751 113,571	21,994	21,532
43	46	96 089	33 231,377	716 962,914	21,575	21,112
44	47	95 824	32 331,524	683 731,536	21,148	20,685
45	48	95 521	31 443,091	651 400,012	20,717	20,254
46	49	95 182	30 567,297	619 956,922	20,282	19,819
47	50	94 809	29 704,750	589 389,625	19,842	19,379
48	51	94 409	28 858,042	559 684,875	19,394	18,932
49	52	93 956	28 019,258	530 826,833	18,945	18,483
50	53	93 459	27 191,055	502 807,576	18,492	18,029
51	54	92 909	26 371,786	475 616,520	18,035	17,573
52	55	92 297	25 559,278	449 244,734	17,577	17,114
53	56	91 617	24 752,036	423 685,456	17,117	16,655
54	57	90 860	23 948,921	398 933,420	16,658	16,195
55	58	90 023	23 149,389	374 984,499	16,198	15,736
56	59	89 101	22 353,586	351 835,110	15,740	15,277
57	60	88 098	21 562,755	329 481,524	15,280	14,818
58	61	86 990	20 772,409	307 918,770	14,823	14,361
59	62	85 790	19 986,179	287 146,361	14,367	13,905
60	63	84 502	19 205,904	267 160,181	13,910	13,448
61	64	83 106	18 428,041	247 954,277	13,455	12,993
62	65	81 593	17 651,129	229 526,236	13,003	12,541
63	66	79 976	16 879,361	211 875,107	12,552	12,090
64	67	78 246	16 111,531	194 995,746	12,103	11,640
65	68	76 400	15 347,616	178 884,216	11,656	11,193
66	69	74 434	14 588,090	163 536,600	11,210	10,748
67	70	72 353	13 834,224	148 948,510	10,767	10,304
68	71	70 155	13 086,929	135 114,286	10,324	9,862
69	72	67 867	12 351,264	122 027,357	9,880	9,417
70	73	65 451	11 621,028	109 676,093	9,438	8,975
71	74	62 941	10 902,760	98 055,065	8,994	8,531
72	75	60 294	10 189,635	87 152,305	8,553	8,091
73	76	57 586	9 494,635	76 962,669	8,106	7,643
74	77	54 725	8 802,757	67 468,034	7,664	7,202
75	78	51 762	8 123,081	58 665,278	7,222	6,760
76	79	48 649	7 448,295	50 542,197	6,786	6,323
77	80	45 369	6 776,717	43 093,901	6,359	5,897
78	81	41 936	6 111,121	36 317,184	5,943	5,480
79	82	38 321	5 448,122	30 206,063	5,544	5,082
80	83	34 590	4 797,778	24 757,941	5,160	4,698
81	84	30 787	4 166,182	19 960,163	4,791	4,329
82	85	26 924	3 554,507	15 793,981	4,443	3,981
83	86	23 067	2 971,051	12 239,474	4,120	3,657
84	87	19 341	2 430,343	9 268,423	3,814	3,351
85	88	15 806	1 937,766	6 838,080	3,529	3,066
86	89	12 536	1 499,306	4 900,314	3,268	2,806
87	90	9 628	1 123,411	3 401,009	3,027	2,565
88	91	7 123	810,940	2 277,598	2,809	2,346
89	92	5 048	560,609	1 466,657	2,616	2,154
90	93	3 424	371,011	906,049	2,442	1,980
91	94	2 217	234,336	535,038	2,283	1,821
92	95	1 367	140,962	300,702	2,133	1,671
93	96	791	79,601	159,740	2,007	1,544
94	97	428	41,972	80,139	1,909	1,447
95	98	219	20,953	38,167	1,822	1,359
96	99	107	9,968	17,214	1,727	1,265
97	100	48	4,369	7,246	1,658	1,196

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 652	99 652,086	3 355 292,400	33,670	33,208
1	5	99 288	96 865,949	3 255 640,314	33,610	33,147
2	6	99 251	94 468,827	3 158 774,365	33,437	32,975
3	7	99 227	92 142,170	3 064 305,539	33,256	32,794
4	8	99 212	89 880,831	2 972 163,369	33,068	32,605
5	9	99 194	87 673,164	2 882 282,538	32,875	32,413
6	10	99 178	85 520,969	2 794 609,375	32,677	32,215
7	11	99 163	83 422,627	2 709 088,405	32,474	32,012
8	12	99 147	81 374,625	2 625 665,778	32,266	31,804
9	13	99 131	79 376,856	2 544 291,153	32,053	31,591
10	14	99 114	77 427,343	2 464 914,297	31,835	31,373
11	15	99 097	75 525,922	2 387 486,954	31,611	31,149
12	16	99 077	73 669,159	2 311 961,032	31,383	30,921
13	17	99 055	71 856,820	2 238 291,873	31,149	30,687
14	18	99 032	70 087,948	2 166 435,053	30,910	30,448
15	19	98 999	68 355,740	2 096 347,105	30,668	30,206
16	20	98 966	66 666,211	2 027 991,365	30,420	29,958
17	21	98 924	65 012,088	1 961 325,154	30,169	29,706
18	22	98 880	63 398,545	1 896 313,066	29,911	29,449
19	23	98 826	61 818,473	1 832 914,521	29,650	29,188
20	24	98 769	60 275,872	1 771 096,049	29,383	28,921
21	25	98 709	58 769,757	1 710 820,177	29,111	28,648
22	26	98 650	57 302,210	1 652 050,419	28,830	28,368
23	27	98 587	55 868,717	1 594 748,209	28,545	28,082
24	28	98 525	54 472,019	1 538 879,492	28,251	27,788
25	29	98 455	53 105,681	1 484 407,472	27,952	27,490
26	30	98 386	51 774,331	1 431 301,791	27,645	27,183
27	31	98 310	50 472,353	1 379 527,461	27,332	26,870
28	32	98 234	49 203,124	1 329 055,108	27,012	26,549
29	33	98 153	47 963,334	1 279 851,984	26,684	26,222
30	34	98 066	46 752,234	1 231 888,650	26,349	25,887
31	35	97 971	45 567,822	1 185 136,415	26,008	25,546
32	36	97 870	44 410,722	1 139 568,593	25,660	25,197
33	37	97 764	43 280,210	1 095 157,872	25,304	24,841
34	38	97 646	42 173,673	1 051 877,661	24,942	24,479
35	39	97 512	41 088,582	1 009 703,989	24,574	24,111
36	40	97 375	40 030,184	968 615,406	24,197	23,735
37	41	97 224	38 993,516	928 585,223	23,814	23,351
38	42	97 057	37 977,046	889 591,706	23,424	22,962
39	43	96 877	36 981,840	851 614,660	23,028	22,565
40	44	96 681	36 006,926	814 632,820	22,624	22,162
41	45	96 468	35 051,175	778 625,894	22,214	21,752
42	46	96 228	34 111,308	743 574,719	21,798	21,336
43	47	95 972	33 190,918	709 463,411	21,375	20,913
44	48	95 693	32 287,220	676 272,494	20,946	20,483
45	49	95 369	31 392,969	643 985,274	20,514	20,051
46	50	95 016	30 513,863	612 592,305	20,076	19,613
47	51	94 633	29 649,701	582 078,442	19,632	19,169
48	52	94 206	28 796,208	552 428,741	19,184	18,722
49	53	93 737	27 953,890	523 632,533	18,732	18,270
50	54	93 219	27 121,238	495 678,644	18,276	17,814
51	55	92 640	26 295,606	468 557,406	17,819	17,356
52	56	91 998	25 476,327	442 261,800	17,360	16,897
53	57	91 289	24 663,498	416 785,473	16,899	16,436
54	58	90 504	23 854,943	392 121,975	16,438	15,975
55	59	89 631	23 048,703	368 267,032	15,978	15,515
56	60	88 682	22 248,382	345 218,329	15,517	15,054
57	61	87 633	21 448,990	322 969,948	15,058	14,595
58	62	86 496	20 654,300	301 520,957	14,598	14,136
59	63	85 264	19 863,575	280 866,658	14,140	13,677
60	64	83 932	19 076,286	261 003,082	13,682	13,220
61	65	82 485	18 290,334	241 926,797	13,227	12,765
62	66	80 943	17 510,441	223 636,462	12,772	12,309
63	67	79 275	16 731,462	206 126,021	12,320	11,857
64	68	77 504	15 958,757	189 394,559	11,868	11,405
65	69	75 600	15 186,993	173 435,801	11,420	10,958
66	70	73 574	14 419,531	158 248,809	10,975	10,512
67	71	71 441	13 659,930	143 829,278	10,529	10,067
68	72	69 194	12 907,615	130 169,348	10,085	9,622
69	73	66 862	12 168,297	117 261,733	9,637	9,174
70	74	64 376	11 430,255	105 093,436	9,194	8,732
71	75	61 818	10 708,220	93 663,181	8,747	8,284
72	76	59 135	9 993,674	82 954,960	8,301	7,838
73	77	56 345	9 289,874	72 961,286	7,854	7,391
74	78	53 423	8 593,282	63 671,412	7,409	6,947
75	79	50 341	7 900,119	55 078,130	6,972	6,509
76	80	47 120	7 214,311	47 178,011	6,540	6,077
77	81	43 715	6 529,628	39 963,700	6,120	5,658
78	82	40 146	5 850,336	33 434,072	5,715	5,252
79	83	36 428	5 179,099	27 583,736	5,326	4,864
80	84	32 628	4 525,689	22 404,637	4,951	4,488
81	85	28 781	3 894,701	17 878,948	4,591	4,128
82	86	24 874	3 283,921	13 984,247	4,258	3,796
83	87	21 056	2 712,035	10 700,325	3,945	3,483
84	88	17 408	2 187,441	7 988,291	3,652	3,189
85	89	14 001	1 716,469	5 800,850	3,380	2,917
86	90	10 912	1 305,119	4 084,381	3,130	2,667
87	91	8 208	957,735	2 779,262	2,902	2,439
88	92	5 929	674,999	1 821,527	2,699	2,236
89	93	4 101	455,494	1 146,529	2,517	2,055
90	94	2 708	293,479	691,035	2,355	1,892
91	95	1 707	180,400	397,556	2,204	1,741
92	96	1 021	105,330	217,156	2,062	1,599
93	97	565	56,863	111,826	1,967	1,504
94	98	300	29,422	54,964	1,868	1,406
95	99	150	14,393	25,542	1,775	1,312
96	100	71	6,609	11,149	1,687	1,225

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 643	99 642,551	3 346 607,496	33,586	33,124
1	6	99 279	96 857,320	3 246 964,945	33,523	33,061
2	7	99 243	94 460,470	3 150 107,625	33,348	32,886
3	8	99 222	92 137,889	3 055 647,155	33,164	32,701
4	9	99 205	89 874,567	2 963 509,266	32,974	32,511
5	10	99 188	87 667,800	2 873 634,698	32,779	32,316
6	11	99 172	85 515,967	2 785 966,898	32,578	32,116
7	12	99 156	83 416,176	2 700 450,931	32,373	31,911
8	13	99 139	81 368,236	2 617 034,755	32,163	31,700
9	14	99 121	79 369,377	2 535 666,519	31,948	31,485
10	15	99 104	77 420,204	2 456 297,142	31,727	31,264
11	16	99 084	75 516,732	2 378 876,938	31,501	31,039
12	17	99 062	73 658,311	2 303 360,205	31,271	30,808
13	18	99 042	71 847,036	2 229 701,894	31,034	30,572
14	19	99 013	70 074,140	2 157 854,858	30,794	30,331
15	20	98 982	68 343,792	2 087 780,718	30,548	30,086
16	21	98 948	66 653,885	2 019 436,926	30,297	29,835
17	22	98 907	65 001,368	1 952 783,041	30,042	29,580
18	23	98 864	63 388,223	1 887 781,673	29,781	29,319
19	24	98 808	61 807,347	1 824 393,450	29,517	29,055
20	25	98 751	60 265,026	1 762 586,102	29,247	28,785
21	26	98 690	58 758,578	1 702 321,077	28,971	28,509
22	27	98 631	57 291,426	1 643 562,499	28,688	28,225
23	28	98 565	55 856,695	1 586 271,072	28,399	27,937
24	29	98 502	54 459,183	1 530 414,377	28,102	27,640
25	30	98 429	53 091,939	1 475 955,193	27,800	27,338
26	31	98 355	51 757,911	1 422 863,255	27,491	27,028
27	32	98 279	50 456,505	1 371 105,343	27,174	26,712
28	33	98 200	49 186,266	1 320 648,839	26,850	26,388
29	34	98 117	47 946,051	1 271 462,573	26,519	26,056
30	35	98 026	46 733,253	1 223 516,522	26,181	25,718
31	36	97 931	45 549,042	1 176 783,268	25,836	25,373
32	37	97 826	44 390,359	1 131 234,226	25,484	25,021
33	38	97 717	43 259,667	1 086 843,867	25,124	24,661
34	39	97 587	42 148,232	1 043 584,200	24,760	24,297
35	40	97 453	41 063,882	1 001 435,969	24,387	23,925
36	41	97 308	40 002,735	960 372,087	24,008	23,545
37	42	97 152	38 964,651	920 369,351	23,621	23,158
38	43	96 980	37 946,901	881 404,701	23,227	22,765
39	44	96 789	36 948,258	843 457,799	22,828	22,366
40	45	96 587	35 971,978	806 509,541	22,420	21,958
41	46	96 356	35 010,788	770 537,562	22,009	21,546
42	47	96 111	34 069,777	735 526,775	21,589	21,126
43	48	95 841	33 145,436	701 456,998	21,163	20,701
44	49	95 541	32 235,753	668 311,562	20,732	20,270
45	50	95 202	31 338,091	636 075,809	20,297	19,835
46	51	94 840	30 457,315	604 737,718	19,855	19,393
47	52	94 430	29 586,171	574 280,403	19,410	18,948
48	53	93 987	28 729,027	544 694,233	18,960	18,497
49	54	93 496	27 882,113	515 965,205	18,505	18,043
50	55	92 949	27 042,893	488 083,092	18,048	17,586
51	56	92 340	26 210,265	461 040,199	17,590	17,128
52	57	91 669	25 385,199	434 829,934	17,129	16,667
53	58	90 931	24 566,716	409 444,735	16,667	16,204
54	59	90 110	23 751,188	384 878,019	16,205	15,742
55	60	89 209	22 940,227	361 126,832	15,742	15,280
56	61	88 214	22 131,000	338 186,605	15,281	14,819
57	62	87 135	21 327,034	316 055,605	14,819	14,357
58	63	85 965	20 527,597	294 728,571	14,358	13,895
59	64	84 689	19 729,518	274 200,974	13,898	13,436
60	65	83 304	18 933,735	254 471,455	13,440	12,978
61	66	81 828	18 144,552	235 537,721	12,981	12,519
62	67	80 233	17 357,013	217 393,168	12,525	12,062
63	68	78 524	16 572,811	200 036,155	12,070	11,608
64	69	76 693	15 791,738	183 463,345	11,618	11,155
65	70	74 727	15 011,513	167 671,606	11,170	10,707
66	71	72 647	14 237,862	152 660,093	10,722	10,260
67	72	70 462	13 472,764	138 422,231	10,274	9,812
68	73	68 169	12 716,407	124 949,467	9,826	9,363
69	74	65 764	11 968,541	112 233,060	9,377	8,915
70	75	63 228	11 226,303	100 264,519	8,931	8,469
71	76	60 629	10 502,286	89 038,216	8,478	8,016
72	77	57 860	9 778,152	78 535,930	8,032	7,569
73	78	55 004	9 068,808	68 757,778	7,582	7,119
74	79	51 956	8 357,413	59 688,970	7,142	6,680
75	80	48 760	7 651,941	51 331,557	6,708	6,246
76	81	45 402	6 951,267	43 679,616	6,284	5,821
77	82	41 849	6 250,983	36 728,350	5,876	5,413
78	83	38 164	5 561,453	30 477,367	5,480	5,018
79	84	34 362	4 885,385	24 915,914	5,100	4,638
80	85	30 502	4 230,781	20 030,529	4,734	4,272
81	86	26 590	3 598,218	15 799,748	4,391	3,929
82	87	22 706	2 997,629	12 201,530	4,070	3,608
83	88	18 952	2 440,979	9 203,900	3,771	3,308
84	89	15 420	1 937,631	6 762,921	3,490	3,028
85	90	12 188	1 494,156	4 825,291	3,229	2,767
86	91	9 303	1 112,645	3 331,135	2,994	2,531
87	92	6 832	797,185	2 218,490	2,783	2,320
88	93	4 818	548,435	1 421,305	2,592	2,129
89	94	3 244	360,307	872,870	2,423	1,960
90	95	2 085	225,930	512,563	2,269	1,806
91	96	1 275	134,799	286,632	2,126	1,664
92	97	730	75,242	151,833	2,018	1,556
93	98	396	39,860	76,591	1,922	1,459
94	99	206	20,209	36,731	1,818	1,355
95	100	100	9,543	16,522	1,731	1,269

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 634	99 633,675	3 337 351,730	33,496	33,034
1	7	99 270	96 848,752	3 237 718,055	33,431	32,968
2	8	99 238	94 456,082	3 140 869,303	33,252	32,790
3	9	99 216	92 131,468	3 046 413,221	33,066	32,604
4	10	99 199	89 869,070	2 954 281,753	32,873	32,411
5	11	99 182	87 662,672	2 864 412,683	32,675	32,213
6	12	99 165	85 509,354	2 776 750,011	32,473	32,011
7	13	99 148	83 409,626	2 691 240,657	32,265	31,803
8	14	99 130	81 360,570	2 607 831,031	32,053	31,590
9	15	99 112	79 362,059	2 526 470,461	31,835	31,372
10	16	99 092	77 410,784	2 447 108,402	31,612	31,150
11	17	99 070	75 505,613	2 369 697,618	31,384	30,922
12	18	99 049	73 648,282	2 294 192,005	31,151	30,688
13	19	99 022	71 832,881	2 220 543,723	30,913	30,450
14	20	98 996	70 061,891	2 148 710,842	30,669	30,206
15	21	98 964	68 331,156	2 078 648,950	30,420	29,958
16	22	98 932	66 642,894	2 010 317,794	30,166	29,703
17	23	98 891	64 990,785	1 943 674,900	29,907	29,445
18	24	98 846	63 376,816	1 878 684,114	29,643	29,181
19	25	98 791	61 796,226	1 815 307,299	29,376	28,913
20	26	98 732	60 253,562	1 753 511,073	29,102	28,640
21	27	98 671	58 747,520	1 693 257,511	28,823	28,360
22	28	98 610	57 279,098	1 634 509,991	28,536	28,073
23	29	98 542	55 843,533	1 577 230,893	28,244	27,781
24	30	98 476	54 445,091	1 521 387,360	27,944	27,481
25	31	98 398	53 075,102	1 466 942,269	27,639	27,177
26	32	98 324	51 741,660	1 413 867,167	27,326	26,863
27	33	98 246	50 439,217	1 362 125,507	27,005	26,543
28	34	98 165	49 168,542	1 311 686,291	26,677	26,215
29	35	98 077	47 926,585	1 262 517,748	26,343	25,880
30	36	97 986	46 713,993	1 214 591,163	26,001	25,538
31	37	97 886	45 528,158	1 167 877,170	25,652	25,189
32	38	97 779	44 369,289	1 122 349,012	25,296	24,833
33	39	97 658	43 233,570	1 077 979,723	24,934	24,471
34	40	97 528	42 122,894	1 034 746,153	24,565	24,103
35	41	97 386	41 035,725	992 623,258	24,189	23,727
36	42	97 236	39 973,123	951 587,534	23,806	23,343
37	43	97 075	38 933,722	911 614,411	23,415	22,952
38	44	96 892	37 912,443	872 680,689	23,018	22,556
39	45	96 695	36 912,397	834 768,246	22,615	22,152
40	46	96 476	35 930,530	797 855,848	22,206	21,743
41	47	96 239	34 968,162	761 925,318	21,789	21,327
42	48	95 979	34 023,091	726 957,157	21,367	20,904
43	49	95 688	33 092,601	692 934,066	20,939	20,477
44	50	95 374	32 179,402	659 841,465	20,505	20,043
45	51	95 026	31 280,016	627 662,063	20,066	19,603
46	52	94 636	30 392,054	596 382,047	19,623	19,161
47	53	94 210	29 517,147	565 989,993	19,175	18,713
48	54	93 745	28 655,261	536 472,846	18,722	18,259
49	55	93 226	27 801,570	507 817,586	18,266	17,803
50	56	92 648	26 955,126	480 016,015	17,808	17,346
51	57	92 009	26 116,512	453 060,889	17,348	16,885
52	58	91 309	25 285,584	426 944,377	16,885	16,422
53	59	90 536	24 459,865	401 658,793	16,421	15,959
54	60	89 686	23 639,406	377 198,928	15,956	15,494
55	61	88 739	22 819,195	353 559,522	15,494	15,032
56	62	87 712	22 005,166	330 740,326	15,030	14,568
57	63	86 600	21 196,204	308 735,160	14,566	14,103
58	64	85 385	20 389,058	287 538,956	14,103	13,640
59	65	84 056	19 582,086	267 149,898	13,643	13,180
60	66	82 640	18 782,825	247 567,812	13,181	12,718
61	67	81 111	17 985,568	228 784,987	12,720	12,258
62	68	79 473	17 192,430	210 799,419	12,261	11,799
63	69	77 702	16 399,365	193 606,989	11,806	11,343
64	70	75 807	15 609,271	177 207,624	11,353	10,890
65	71	73 785	14 822,386	161 598,353	10,902	10,440
66	72	71 652	14 042,778	146 775,967	10,452	9,990
67	73	69 418	13 273,184	132 733,189	10,000	9,538
68	74	67 050	12 507,652	119 460,005	9,551	9,089
69	75	64 591	11 754,984	106 952,352	9,098	8,636
70	76	62 012	11 010,406	95 197,369	8,646	8,184
71	77	59 321	10 275,795	84 186,962	8,193	7,730
72	78	56 483	9 545,466	73 911,168	7,743	7,281
73	79	53 494	8 819,887	64 365,702	7,298	6,835
74	80	50 324	8 094,870	55 545,815	6,862	6,399
75	81	46 982	7 372,939	47 450,945	6,436	5,973
76	82	43 465	6 654,629	40 078,006	6,023	5,560
77	83	39 783	5 942,316	33 423,377	5,625	5,162
78	84	35 999	5 246,055	27 481,060	5,238	4,776
79	85	32 123	4 567,038	22 235,006	4,869	4,406
80	86	28 180	3 908,714	17 667,968	4,520	4,058
81	87	24 272	3 284,525	13 759,253	4,189	3,727
82	88	20 436	2 698,030	10 474,728	3,882	3,420
83	89	16 787	2 162,214	7 776,698	3,597	3,134
84	90	13 423	1 686,673	5 614,484	3,329	2,866
85	91	10 390	1 273,803	3 927,811	3,084	2,621
86	92	7 743	926,127	2 654,008	2,866	2,403
87	93	5 551	647,712	1 727,881	2,668	2,205
88	94	3 811	433,826	1 080,169	2,490	2,027
89	95	2 497	277,377	646,343	2,330	1,868
90	96	1 558	168,820	368,966	2,186	1,723
91	97	911	96,293	200,145	2,079	1,616
92	98	511	52,743	103,852	1,969	1,507
93	99	272	27,379	51,109	1,867	1,404
94	100	136	13,399	23,730	1,771	1,309

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 625	99 624,861	3 327 510,266	33,400	32,938
1	8	99 265	96 844,253	3 227 885,405	33,331	32,868
2	9	99 231	94 449,500	3 131 041,152	33,150	32,688
3	10	99 209	92 125,833	3 036 591,653	32,961	32,499
4	11	99 193	89 863,813	2 944 465,820	32,766	32,303
5	12	99 175	87 655,894	2 854 602,007	32,566	32,104
6	13	99 157	85 502,640	2 766 946,114	32,361	31,899
7	14	99 138	83 401,768	2 681 443,474	32,151	31,688
8	15	99 121	81 353,068	2 598 041,706	31,935	31,473
9	16	99 100	79 352,403	2 516 688,639	31,715	31,253
10	17	99 078	77 399,386	2 437 336,235	31,490	31,028
11	18	99 056	75 495,332	2 359 936,849	31,259	30,797
12	19	99 029	73 633,772	2 284 441,518	31,024	30,562
13	20	99 005	71 820,325	2 210 807,746	30,782	30,320
14	21	98 977	70 048,938	2 138 987,420	30,536	30,073
15	22	98 948	68 319,889	2 068 938,482	30,283	29,821
16	23	98 916	66 632,044	2 000 618,593	30,025	29,562
17	24	98 873	64 979,089	1 933 986,549	29,763	29,301
18	25	98 828	63 365,412	1 869 007,460	29,496	29,033
19	26	98 772	61 784,471	1 805 642,048	29,225	28,762
20	27	98 714	60 242,223	1 743 857,577	28,947	28,485
21	28	98 650	58 734,878	1 683 615,355	28,665	28,202
22	29	98 587	57 265,601	1 624 880,476	28,374	27,912
23	30	98 517	55 829,083	1 567 614,875	28,079	27,616
24	31	98 445	54 427,825	1 511 785,793	27,776	27,314
25	32	98 367	53 058,436	1 457 357,968	27,467	27,005
26	33	98 291	51 723,931	1 404 299,532	27,150	26,687
27	34	98 210	50 421,042	1 352 575,600	26,826	26,363
28	35	98 125	49 148,580	1 302 154,559	26,494	26,032
29	36	98 037	47 906,833	1 253 005,979	26,155	25,693
30	37	97 941	46 692,575	1 205 099,145	25,809	25,347
31	38	97 839	45 506,547	1 158 406,570	25,456	24,993
32	39	97 720	44 342,523	1 112 900,023	25,098	24,635
33	40	97 599	43 207,581	1 068 557,500	24,731	24,268
34	41	97 461	42 094,011	1 025 349,919	24,359	23,896
35	42	97 314	41 005,348	983 255,909	23,979	23,516
36	43	97 159	39 941,394	942 250,561	23,591	23,128
37	44	96 987	38 898,368	902 309,167	23,197	22,734
38	45	96 798	37 875,646	863 410,799	22,796	22,334
39	46	96 583	36 869,865	825 535,153	22,391	21,928
40	47	96 358	35 886,784	788 665,288	21,976	21,514
41	48	96 107	34 920,245	752 778,503	21,557	21,095
42	49	95 826	33 968,857	717 858,259	21,133	20,670
43	50	95 521	33 034,752	683 889,402	20,702	20,240
44	51	95 197	32 119,767	650 854,650	20,263	19,801
45	52	94 822	31 212,992	618 734,883	19,823	19,361
46	53	94 416	30 321,150	587 521,891	19,377	18,914
47	54	93 968	29 441,357	557 200,740	18,926	18,463
48	55	93 475	28 572,484	527 759,384	18,471	18,008
49	56	92 924	27 711,342	499 186,899	18,014	17,551
50	57	92 316	26 858,709	471 475,558	17,554	17,091
51	58	91 648	26 014,027	444 616,849	17,091	16,629
52	59	90 912	25 175,607	418 602,821	16,627	16,165
53	60	90 109	24 344,748	393 427,215	16,161	15,698
54	61	89 213	23 514,685	369 082,467	15,696	15,233
55	62	88 234	22 689,448	345 567,781	15,230	14,768
56	63	87 174	21 870,177	322 878,333	14,763	14,301
57	64	86 016	21 053,153	301 008,156	14,298	13,835
58	65	84 747	20 236,698	279 955,003	13,834	13,372
59	66	83 386	19 426,008	259 718,305	13,370	12,907
60	67	81 916	18 618,247	240 292,297	12,906	12,444
61	68	80 342	17 815,025	221 674,050	12,443	11,981
62	69	78 641	17 012,500	203 859,025	11,983	11,520
63	70	76 804	16 209,877	186 846,525	11,527	11,064
64	71	74 852	15 412,613	170 636,648	11,071	10,609
65	72	72 774	14 619,293	155 224,035	10,618	10,155
66	73	70 591	13 834,754	140 604,742	10,163	9,701
67	74	68 279	13 055,290	126 769,988	9,710	9,248
68	75	65 854	12 284,476	113 714,699	9,257	8,794
69	76	63 348	11 528,919	101 430,223	8,798	8,335
70	77	60 674	10 772,956	89 901,303	8,345	7,883
71	78	57 910	10 031,267	79 128,347	7,888	7,426
72	79	54 932	9 283,462	69 097,080	7,443	6,981
73	80	51 814	8 542,815	59 813,618	7,002	6,539
74	81	48 489	7 799,719	51 270,803	6,573	6,111
75	82	44 977	7 058,308	43 471,085	6,159	5,696
76	83	41 319	6 326,031	36 412,777	5,756	5,294
77	84	37 526	5 605,319	30 086,746	5,368	4,905
78	85	33 653	4 904,205	24 481,428	4,992	4,530
79	86	29 678	4 219,374	19 577,222	4,640	4,177
80	87	25 723	3 567,953	15 357,849	4,304	3,842
81	88	21 846	2 956,252	11 789,896	3,988	3,526
82	89	18 102	2 389,909	8 833,644	3,696	3,234
83	90	14 613	1 882,169	6 443,735	3,424	2,961
84	91	11 443	1 437,929	4 561,566	3,172	2,710
85	92	8 649	1 060,270	3 123,637	2,946	2,484
86	93	6 291	752,477	2 063,367	2,742	2,280
87	94	4 391	512,356	1 310,890	2,559	2,096
88	95	2 934	333,975	798,534	2,391	1,929
89	96	1 866	207,262	464,559	2,241	1,779
90	97	1 113	120,596	257,297	2,134	1,671
91	98	639	67,500	136,700	2,025	1,563
92	99	351	36,228	69,201	1,910	1,448
93	100	180	18,153	32,972	1,816	1,354

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 620	99 620,233	3 317 070,606	33,297	32,835
1	9	99 258	96 837,504	3 217 450,374	33,225	32,763
2	10	99 225	94 443,722	3 120 612,869	33,042	32,580
3	11	99 204	92 120,444	3 026 169,147	32,850	32,388
4	12	99 185	89 856,864	2 934 048,704	32,652	32,190
5	13	99 167	87 649,011	2 844 191,840	32,450	31,987
6	14	99 148	85 494,584	2 756 542,829	32,242	31,780
7	15	99 129	83 394,078	2 671 048,245	32,029	31,567
8	16	99 109	81 343,170	2 587 654,167	31,812	31,349
9	17	99 086	79 340,719	2 506 310,998	31,589	31,127
10	18	99 064	77 388,847	2 426 970,279	31,361	30,898
11	19	99 037	75 480,458	2 349 581,432	31,128	30,666
12	20	99 012	73 620,901	2 274 100,974	30,889	30,427
13	21	98 987	71 807,047	2 200 480,072	30,644	30,182
14	22	98 961	70 037,388	2 128 673,025	30,393	29,931
15	23	98 931	68 308,766	2 058 635,638	30,137	29,675
16	24	98 898	66 620,053	1 990 326,872	29,876	29,413
17	25	98 856	64 967,397	1 923 706,819	29,610	29,148
18	26	98 810	63 353,358	1 858 739,422	29,339	28,877
19	27	98 753	61 772,843	1 795 386,064	29,064	28,602
20	28	98 693	60 229,259	1 733 613,221	28,784	28,321
21	29	98 627	58 721,038	1 673 383,961	28,497	28,035
22	30	98 561	57 250,782	1 614 662,923	28,203	27,741
23	31	98 485	55 811,378	1 557 412,141	27,905	27,443
24	32	98 414	54 410,735	1 501 600,764	27,598	27,135
25	33	98 334	53 040,257	1 447 190,029	27,285	26,822
26	34	98 255	51 705,293	1 394 149,772	26,963	26,501
27	35	98 170	50 400,571	1 342 444,479	26,636	26,173
28	36	98 084	49 128,324	1 292 043,908	26,299	25,837
29	37	97 992	47 884,868	1 242 915,583	25,956	25,494
30	38	97 894	46 670,411	1 195 030,715	25,606	25,143
31	39	97 780	45 479,096	1 148 360,304	25,250	24,788
32	40	97 661	44 315,867	1 102 881,208	24,887	24,424
33	41	97 533	43 177,953	1 058 565,341	24,516	24,054
34	42	97 389	42 062,850	1 015 387,388	24,140	23,677
35	43	97 237	40 972,799	973 324,538	23,755	23,293
36	44	97 071	39 905,124	932 351,738	23,364	22,902
37	45	96 893	38 860,614	892 446,614	22,965	22,503
38	46	96 687	37 832,004	853 586,000	22,563	22,100
39	47	96 466	36 824,976	815 753,996	22,152	21,690
40	48	96 226	35 837,609	778 929,020	21,735	21,273
41	49	95 954	34 864,580	743 091,411	21,314	20,851
42	50	95 658	33 909,476	708 226,831	20,886	20,423
43	51	95 344	32 973,532	674 317,355	20,450	19,988
44	52	94 993	32 050,944	641 343,822	20,010	19,548
45	53	94 601	31 140,173	609 292,878	19,566	19,104
46	54	94 173	30 243,295	578 152,705	19,117	18,654
47	55	93 696	29 356,309	547 909,409	18,664	18,202
48	56	93 171	28 479,754	518 553,100	18,208	17,745
49	57	92 591	27 612,219	490 073,346	17,748	17,286
50	58	91 954	26 753,312	462 461,127	17,286	16,824
51	59	91 250	25 900,882	435 707,815	16,822	16,360
52	60	90 484	25 057,121	409 806,933	16,355	15,892
53	61	89 634	24 216,306	384 749,812	15,888	15,426
54	62	88 706	23 380,984	360 533,506	15,420	14,958
55	63	87 693	22 550,261	337 152,522	14,951	14,489
56	64	86 586	21 722,577	314 602,261	14,483	14,020
57	65	85 373	20 895,830	292 879,684	14,016	13,554
58	66	84 071	20 075,402	271 983,854	13,548	13,086
59	67	82 655	19 255,795	251 908,451	13,082	12,620
60	68	81 140	18 441,705	232 652,656	12,616	12,153
61	69	79 501	17 628,578	214 210,951	12,151	11,689
62	70	77 732	16 815,927	196 582,373	11,690	11,228
63	71	75 836	16 005,652	179 766,446	11,231	10,769
64	72	73 826	15 201,433	163 760,793	10,773	10,310
65	73	71 696	14 402,729	148 559,361	10,315	9,852
66	74	69 432	13 607,640	134 156,632	9,859	9,397
67	75	67 060	12 822,342	120 548,991	9,401	8,939
68	76	64 587	12 048,229	107 726,650	8,941	8,479
69	77	61 982	11 280,287	95 678,421	8,482	8,019
70	78	59 231	10 516,598	84 398,133	8,025	7,563
71	79	56 320	9 755,928	73 881,535	7,573	7,111
72	80	53 207	8 991,827	64 125,607	7,132	6,669
73	81	49 924	8 231,331	55 133,780	6,698	6,236
74	82	46 420	7 466,874	46 902,449	6,281	5,819
75	83	42 756	6 709,776	39 435,575	5,877	5,415
76	84	38 975	5 967,272	32 725,799	5,484	5,022
77	85	35 081	5 240,059	26 758,527	5,107	4,644
78	86	31 092	4 530,874	21 518,468	4,749	4,287
79	87	27 091	3 851,529	16 987,594	4,411	3,948
80	88	23 152	3 211,352	13 136,065	4,091	3,628
81	89	19 351	2 618,642	9 924,713	3,790	3,328
82	90	15 758	2 080,373	7 306,071	3,512	3,049
83	91	12 458	1 604,594	5 225,698	3,257	2,794
84	92	9 525	1 196,882	3 621,104	3,025	2,563
85	93	7 027	861,467	2 424,222	2,814	2,352
86	94	4 977	595,229	1 562,754	2,625	2,163
87	95	3 380	394,430	967,526	2,453	1,991
88	96	2 192	249,554	573,096	2,296	1,834
89	97	1 333	148,057	323,542	2,185	1,723
90	98	780	84,536	175,485	2,076	1,613
91	99	439	46,364	90,949	1,962	1,499
92	100	233	24,021	44,585	1,856	1,394

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 613	99 613,291	3 306 017,596	33,189	32,726
1	10	99 252	96 831,581	3 206 404,305	33,113	32,651
2	11	99 219	94 438,198	3 109 572,724	32,927	32,465
3	12	99 196	92 113,320	3 015 134,527	32,733	32,270
4	13	99 177	89 849,808	2 923 021,207	32,532	32,070
5	14	99 157	87 640,753	2 833 171,399	32,327	31,865
6	15	99 138	85 486,701	2 745 530,646	32,116	31,654
7	16	99 117	83 383,931	2 660 043,945	31,901	31,439
8	17	99 094	81 331,192	2 576 660,014	31,681	31,219
9	18	99 072	79 329,916	2 495 328,822	31,455	30,993
10	19	99 045	77 373,600	2 415 998,906	31,225	30,763
11	20	99 020	75 467,265	2 338 625,306	30,989	30,526
12	21	98 994	73 607,290	2 263 158,041	30,746	30,284
13	22	98 970	71 795,206	2 189 550,750	30,497	30,035
14	23	98 945	70 025,985	2 117 755,544	30,242	29,780
15	24	98 914	68 296,473	2 047 729,559	29,983	29,521
16	25	98 880	66 608,066	1 979 433,087	29,718	29,255
17	26	98 837	64 955,039	1 912 825,021	29,448	28,986
18	27	98 791	63 341,435	1 847 869,983	29,173	28,711
19	28	98 732	61 759,551	1 784 528,547	28,895	28,432
20	29	98 669	60 215,067	1 722 768,997	28,610	28,148
21	30	98 601	58 705,843	1 662 553,930	28,320	27,858
22	31	98 530	57 232,626	1 603 848,087	28,023	27,561
23	32	98 454	55 793,853	1 546 615,461	27,720	27,258
24	33	98 380	54 392,092	1 490 821,608	27,409	26,946
25	34	98 298	53 021,145	1 436 429,516	27,092	26,629
26	35	98 215	51 684,301	1 383 408,371	26,767	26,304
27	36	98 130	50 379,799	1 331 724,070	26,434	25,971
28	37	98 039	49 105,799	1 281 344,271	26,094	25,631
29	38	97 945	47 862,139	1 232 238,471	25,746	25,283
30	39	97 835	46 642,258	1 184 376,332	25,393	24,930
31	40	97 722	45 451,756	1 137 734,075	25,032	24,569
32	41	97 594	44 285,479	1 092 282,319	24,665	24,202
33	42	97 460	43 145,991	1 047 996,839	24,290	23,827
34	43	97 312	42 029,462	1 004 850,849	23,908	23,446
35	44	97 149	40 935,593	962 821,386	23,520	23,058
36	45	96 976	39 866,393	921 885,793	23,124	22,662
37	46	96 781	38 815,838	882 019,400	22,723	22,261
38	47	96 569	37 785,943	843 203,562	22,315	21,853
39	48	96 334	36 774,515	805 417,619	21,902	21,439
40	49	96 073	35 780,482	768 643,104	21,482	21,020
41	50	95 786	34 803,634	732 862,623	21,057	20,595
42	51	95 481	33 846,635	698 058,989	20,624	20,162
43	52	95 139	32 902,880	664 212,353	20,187	19,725
44	53	94 771	31 976,171	631 309,473	19,743	19,281
45	54	94 358	31 060,215	599 333,302	19,296	18,833
46	55	93 901	30 155,932	568 273,087	18,844	18,382
47	56	93 392	29 261,035	538 117,155	18,390	17,928
48	57	92 838	28 377,883	508 856,120	17,931	17,469
49	58	92 228	27 503,866	480 478,237	17,469	17,007
50	59	91 554	26 636,951	452 974,372	17,005	16,543
51	60	90 820	25 778,983	426 337,421	16,538	16,076
52	61	90 007	24 924,921	400 558,439	16,071	15,608
53	62	89 124	24 078,615	375 633,518	15,600	15,138
54	63	88 162	23 237,554	351 554,902	15,129	14,666
55	64	87 101	22 398,072	328 317,348	14,658	14,196
56	65	85 939	21 560,251	305 919,276	14,189	13,727
57	66	84 692	20 729,281	284 359,025	13,718	13,255
58	67	83 335	19 899,499	263 629,744	13,248	12,786
59	68	81 871	19 073,208	243 730,244	12,779	12,316
60	69	80 290	18 248,700	224 657,037	12,311	11,848
61	70	78 582	17 424,887	206 408,336	11,846	11,383
62	71	76 753	16 604,067	188 983,449	11,382	10,919
63	72	74 797	15 786,346	172 379,383	10,920	10,457
64	73	72 733	14 976,245	156 593,036	10,456	9,994
65	74	70 519	14 166,291	141 616,791	9,997	9,534
66	75	68 193	13 364,837	127 450,500	9,536	9,074
67	76	65 771	12 575,750	114 085,663	9,072	8,609
68	77	63 194	11 788,397	101 509,912	8,611	8,149
69	78	60 507	11 011,856	89 721,515	8,148	7,685
70	79	57 605	10 227,938	78 709,659	7,696	7,233
71	80	54 551	9 449,451	68 481,721	7,247	6,785
72	81	51 267	8 663,971	59 032,270	6,814	6,351
73	82	47 794	7 880,069	50 368,298	6,392	5,929
74	83	44 128	7 098,168	42 488,230	5,986	5,523
75	84	40 331	6 329,255	35 390,062	5,592	5,129
76	85	36 436	5 578,426	29 060,807	5,209	4,747
77	86	32 411	4 841,161	23 482,381	4,851	4,388
78	87	28 381	4 135,873	18 641,220	4,507	4,045
79	88	24 383	3 466,586	14 505,347	4,184	3,722
80	89	20 508	2 844,609	11 038,762	3,881	3,418
81	90	16 845	2 279,481	8 194,153	3,595	3,132
82	91	13 434	1 773,568	5 914,672	3,335	2,872
83	92	10 370	1 335,609	4 141,104	3,101	2,638
84	93	7 739	972,465	2 805,495	2,885	2,423
85	94	5 559	681,443	1 833,031	2,690	2,228
86	95	3 831	458,228	1 151,588	2,513	2,051
87	96	2 526	294,727	693,360	2,353	1,890
88	97	1 566	178,268	398,633	2,236	1,774
89	98	934	103,785	220,365	2,123	1,661
90	99	536	58,066	116,580	2,008	1,545
91	100	291	30,741	58,514	1,903	1,441

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 607	99 607,197	3 294 344,017	33,073	32,611
1	11	99 247	96 825,917	3 194 736,820	32,995	32,532
2	12	99 211	94 430,895	3 097 910,903	32,806	32,344
3	13	99 188	92 106,087	3 003 480,008	32,609	32,147
4	14	99 168	89 841,343	2 911 373,921	32,406	31,943
5	15	99 148	87 632,672	2 821 532,578	32,197	31,735
6	16	99 126	85 476,300	2 733 899,907	31,984	31,522
7	17	99 103	83 371,653	2 648 423,607	31,766	31,304
8	18	99 081	81 320,118	2 565 051,953	31,543	31,080
9	19	99 053	79 314,286	2 483 731,835	31,315	30,853
10	20	99 027	77 360,076	2 404 417,549	31,081	30,618
11	21	99 001	75 453,312	2 327 057,473	30,841	30,379
12	22	98 977	73 595,153	2 251 604,161	30,594	30,132
13	23	98 954	71 783,517	2 178 009,008	30,341	29,879
14	24	98 927	70 013,383	2 106 225,490	30,083	29,621
15	25	98 896	68 284,183	2 036 212,108	29,820	29,357
16	26	98 861	66 595,395	1 967 927,924	29,551	29,088
17	27	98 818	64 942,814	1 901 332,529	29,277	28,815
18	28	98 770	63 327,805	1 836 389,715	28,998	28,536
19	29	98 709	61 744,998	1 773 061,910	28,716	28,253
20	30	98 644	60 199,485	1 711 316,912	28,427	27,965
21	31	98 570	58 687,225	1 651 117,427	28,134	27,672
22	32	98 499	57 214,655	1 592 430,202	27,833	27,370
23	33	98 421	55 774,736	1 535 215,546	27,525	27,063
24	34	98 345	54 372,493	1 479 440,810	27,209	26,747
25	35	98 258	52 999,618	1 425 068,318	26,888	26,426
26	36	98 175	51 663,001	1 372 068,699	26,558	26,096
27	37	98 085	50 356,700	1 320 405,699	26,221	25,759
28	38	97 993	49 082,490	1 270 048,998	25,876	25,413
29	39	97 886	47 833,266	1 220 966,508	25,525	25,063
30	40	97 776	46 614,219	1 173 133,242	25,167	24,704
31	41	97 655	45 420,590	1 126 519,023	24,802	24,340
32	42	97 522	44 252,697	1 081 098,433	24,430	23,968
33	43	97 383	43 111,743	1 036 845,736	24,050	23,588
34	44	97 223	41 991,297	993 733,993	23,665	23,203
35	45	97 054	40 895,862	951 742,696	23,272	22,810
36	46	96 865	39 820,458	910 846,834	22,874	22,411
37	47	96 664	38 768,579	871 026,377	22,467	22,005
38	48	96 437	37 734,165	832 257,798	22,056	21,593
39	49	96 180	36 715,894	794 523,633	21,640	21,177
40	50	95 905	35 717,935	757 807,738	21,216	20,754
41	51	95 609	34 739,136	722 089,804	20,786	20,324
42	52	95 277	33 774,112	687 350,667	20,351	19,889
43	53	94 917	32 826,119	653 576,555	19,910	19,448
44	54	94 528	31 894,066	620 750,436	19,463	19,000
45	55	94 085	30 970,492	588 856,370	19,013	18,551
46	56	93 596	30 058,062	557 885,878	18,560	18,098
47	57	93 058	29 156,369	527 827,816	18,103	17,641
48	58	92 474	28 266,524	498 671,446	17,642	17,179
49	59	91 827	27 384,240	470 404,922	17,178	16,716
50	60	91 123	26 511,588	443 020,682	16,710	16,248
51	61	90 341	25 642,974	416 509,095	16,243	15,780
52	62	89 495	24 783,201	390 866,121	15,771	15,309
53	63	88 578	23 930,906	366 082,920	15,297	14,835
54	64	87 567	23 080,727	342 152,014	14,824	14,362
55	65	86 450	22 230,698	319 071,287	14,353	13,890
56	66	85 254	21 388,407	296 840,589	13,879	13,416
57	67	83 950	20 547,649	275 452,182	13,406	12,943
58	68	82 545	19 710,808	254 904,533	12,932	12,470
59	69	81 014	18 873,594	235 193,725	12,462	11,999
60	70	79 363	18 037,844	216 320,132	11,993	11,530
61	71	77 592	17 205,355	198 282,288	11,524	11,062
62	72	75 701	16 376,561	181 076,933	11,057	10,595
63	73	73 689	15 552,494	164 700,372	10,590	10,128
64	74	71 539	14 730,393	149 147,878	10,125	9,663
65	75	69 261	13 913,520	134 417,485	9,661	9,199
66	76	66 881	13 107,813	120 503,965	9,193	8,731
67	77	64 352	12 304,543	107 396,153	8,728	8,266
68	78	61 690	11 507,875	95 091,610	8,263	7,801
69	79	58 846	10 709,603	83 583,735	7,805	7,342
70	80	55 795	9 906,633	72 874,133	7,356	6,894
71	81	52 562	9 104,910	62 967,500	6,916	6,453
72	82	49 079	8 294,246	53 862,590	6,494	6,032
73	83	45 434	7 490,959	45 568,344	6,083	5,621
74	84	41 625	6 695,621	38 077,385	5,687	5,224
75	85	37 703	5 916,820	31 381,764	5,304	4,841
76	86	33 662	5 153,770	25 464,944	4,941	4,479
77	87	29 585	4 419,109	20 311,173	4,596	4,134
78	88	25 545	3 722,511	15 892,065	4,269	3,807
79	89	21 598	3 070,695	12 169,554	3,963	3,501
80	90	17 852	2 476,181	9 098,859	3,675	3,212
81	91	14 361	1 943,312	6 622,678	3,408	2,946
82	92	11 182	1 476,257	4 679,366	3,170	2,707
83	93	8 425	1 085,180	3 203,109	2,952	2,489
84	94	6 122	769,245	2 117,930	2,753	2,291
85	95	4 279	524,598	1 348,685	2,571	2,108
86	96	2 863	342,398	824,087	2,407	1,944
87	97	1 804	210,537	481,688	2,288	1,825
88	98	1 098	124,962	271,151	2,170	1,707
89	99	642	71,288	146,189	2,051	1,588
90	100	355	38,500	74,900	1,945	1,483

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	11	99 601	99 601,371	3 282 040,608	32,952	32,489
1	12	99 239	96 818,429	3 182 439,237	32,870	32,408
2	13	99 204	94 423,480	3 085 620,808	32,679	32,216
3	14	99 179	92 097,409	2 991 197,328	32,479	32,016
4	15	99 159	89 833,059	2 899 099,919	32,272	31,810
5	16	99 136	87 622,010	2 809 266,860	32,061	31,599
6	17	99 112	85 463,714	2 721 644,850	31,846	31,383
7	18	99 089	83 360,301	2 636 181,136	31,624	31,162
8	19	99 061	81 304,096	2 552 820,835	31,398	30,936
9	20	99 035	79 300,423	2 471 516,739	31,167	30,704
10	21	99 009	77 345,774	2 392 216,316	30,929	30,466
11	22	98 985	75 440,870	2 314 870,542	30,685	30,222
12	23	98 961	73 583,171	2 239 429,672	30,434	29,972
13	24	98 937	71 770,599	2 165 846,501	30,177	29,715
14	25	98 909	70 000,785	2 094 075,902	29,915	29,453
15	26	98 877	68 271,194	2 024 075,117	29,648	29,185
16	27	98 843	66 582,862	1 955 803,923	29,374	28,912
17	28	98 797	64 928,840	1 889 221,061	29,097	28,634
18	29	98 746	63 312,882	1 824 292,221	28,814	28,351
19	30	98 683	61 729,020	1 760 979,339	28,528	28,065
20	31	98 613	60 180,394	1 699 250,319	28,236	27,774
21	32	98 539	58 668,798	1 639 069,925	27,938	27,475
22	33	98 465	57 195,052	1 580 401,127	27,632	27,169
23	34	98 385	55 754,639	1 523 206,075	27,320	26,857
24	35	98 305	54 350,418	1 467 451,437	27,000	26,537
25	36	98 218	52 977,776	1 413 101,019	26,673	26,211
26	37	98 130	51 639,313	1 360 123,243	26,339	25,876
27	38	98 038	50 332,798	1 308 483,930	25,997	25,534
28	39	97 934	49 052,881	1 258 151,132	25,649	25,186
29	40	97 828	47 804,511	1 209 098,251	25,293	24,830
30	41	97 709	46 582,256	1 161 293,739	24,930	24,468
31	42	97 582	45 386,967	1 114 711,484	24,560	24,098
32	43	97 445	44 217,571	1 069 324,517	24,183	23,721
33	44	97 295	43 072,595	1 025 106,946	23,800	23,337
34	45	97 129	41 950,541	982 034,352	23,409	22,947
35	46	96 942	40 848,740	940 083,811	23,014	22,551
36	47	96 747	39 771,976	899 235,070	22,610	22,147
37	48	96 531	38 715,454	859 463,094	22,199	21,737
38	49	96 283	37 674,015	820 747,640	21,786	21,323
39	50	96 012	36 651,712	783 073,625	21,365	20,903
40	51	95 727	35 651,742	746 421,913	20,936	20,474
41	52	95 404	34 664,701	710 770,171	20,504	20,042
42	53	95 054	33 695,319	676 105,470	20,065	19,603
43	54	94 674	32 741,832	642 410,152	19,620	19,158
44	55	94 255	31 801,934	609 668,320	19,171	18,708
45	56	93 780	30 869,979	577 866,386	18,719	18,257
46	57	93 262	29 950,546	546 996,407	18,263	17,801
47	58	92 693	29 041,956	517 045,861	17,803	17,341
48	59	92 071	28 143,581	488 003,905	17,340	16,877
49	60	91 395	27 255,360	459 860,324	16,872	16,410
50	61	90 642	26 371,713	432 604,964	16,404	15,942
51	62	89 827	25 497,171	406 233,250	15,932	15,470
52	63	88 946	24 631,170	380 736,079	15,457	14,995
53	64	87 980	23 769,399	356 104,909	14,982	14,519
54	65	86 912	22 908,252	332 335,510	14,507	14,045
55	66	85 761	22 053,510	309 427,258	14,031	13,568
56	67	84 507	21 200,999	287 373,749	13,555	13,092
57	68	83 154	20 352,812	266 172,750	13,078	12,616
58	69	81 681	19 504,521	245 819,938	12,603	12,141
59	70	80 078	18 655,517	226 315,417	12,131	11,669
60	71	78 363	17 810,589	207 659,900	11,659	11,197
61	72	76 529	16 969,611	189 849,311	11,188	10,725
62	73	74 580	16 133,966	172 879,700	10,715	10,253
63	74	72 479	15 297,182	156 745,735	10,247	9,784
64	75	70 262	14 467,556	141 448,553	9,777	9,315
65	76	67 929	13 645,944	126 980,997	9,305	8,843
66	77	65 439	12 825,130	113 335,054	8,837	8,375
67	78	62 821	12 011,738	100 509,923	8,368	7,905
68	79	59 997	11 192,007	88 498,186	7,907	7,445
69	80	56 998	10 373,166	77 306,179	7,453	6,990
70	81	53 761	9 545,422	66 933,013	7,012	6,550
71	82	50 319	8 716,368	57 387,591	6,584	6,121
72	83	46 655	7 884,685	48 671,222	6,173	5,710
73	84	42 857	7 066,136	40 786,537	5,772	5,310
74	85	38 913	6 259,313	33 720,402	5,387	4,925
75	86	34 833	5 466,405	27 461,089	5,024	4,561
76	87	30 727	4 704,465	21 994,684	4,675	4,213
77	88	26 628	3 977,439	17 290,220	4,347	3,885
78	89	22 627	3 297,393	13 312,781	4,037	3,575
79	90	18 801	2 672,985	10 015,388	3,747	3,284
80	91	15 219	2 111,004	7 342,404	3,478	3,016
81	92	11 953	1 617,546	5 231,400	3,234	2,772
82	93	9 085	1 199,456	3 613,854	3,013	2,550
83	94	6 665	858,405	2 414,398	2,813	2,350
84	95	4 713	592,191	1 555,993	2,628	2,165
85	96	3 197	391,992	963,802	2,459	1,996
86	97	2 045	244,591	571,810	2,338	1,875
87	98	1 265	147,583	327,219	2,217	1,755
88	99	754	85,834	179,636	2,093	1,630
89	100	426	47,267	93,802	1,985	1,522

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 594	99 593,669	3 269 099,560	32,824	32,362
1	13	99 231	96 810,827	3 169 505,891	32,739	32,277
2	14	99 194	94 414,584	3 072 695,064	32,545	32,082
3	15	99 170	92 088,918	2 978 280,481	32,341	31,879
4	16	99 147	89 822,129	2 886 191,563	32,132	31,670
5	17	99 122	87 609,108	2 796 369,434	31,919	31,456
6	18	99 098	85 452,077	2 708 760,326	31,699	31,237
7	19	99 070	83 343,878	2 623 308,249	31,476	31,013
8	20	99 044	81 289,885	2 539 964,371	31,246	30,783
9	21	99 017	79 285,762	2 458 674,486	31,010	30,548
10	22	98 993	77 333,020	2 379 388,724	30,768	30,306
11	23	98 969	75 428,588	2 302 055,705	30,520	30,057
12	24	98 943	73 569,929	2 226 627,117	30,265	29,803
13	25	98 919	71 757,685	2 153 057,188	30,005	29,542
14	26	98 890	69 987,469	2 081 299,503	29,738	29,276
15	27	98 858	68 258,346	2 011 312,035	29,466	29,004
16	28	98 821	66 568,535	1 943 053,689	29,189	28,726
17	29	98 774	64 913,540	1 876 485,154	28,907	28,445
18	30	98 721	63 296,499	1 811 571,615	28,620	28,158
19	31	98 652	61 709,444	1 748 275,116	28,331	27,868
20	32	98 582	60 161,497	1 686 565,672	28,034	27,572
21	33	98 505	58 648,696	1 626 404,174	27,731	27,269
22	34	98 430	57 174,443	1 567 755,478	27,421	26,958
23	35	98 345	55 732,003	1 510 581,036	27,104	26,642
24	36	98 264	54 328,018	1 454 849,033	26,779	26,317
25	37	98 173	52 953,485	1 400 521,015	26,448	25,986
26	38	98 083	51 614,802	1 347 567,530	26,108	25,646
27	39	97 979	50 302,435	1 295 952,728	25,763	25,301
28	40	97 875	49 023,393	1 245 650,293	25,409	24,947
29	41	97 760	47 771,732	1 196 626,900	25,049	24,586
30	42	97 637	46 547,773	1 148 855,168	24,681	24,219
31	43	97 505	45 350,940	1 102 307,395	24,306	23,844
32	44	97 356	44 177,418	1 056 956,455	23,925	23,463
33	45	97 200	43 030,789	1 012 779,036	23,536	23,074
34	46	97 017	41 902,204	969 748,247	23,143	22,681
35	47	96 824	40 799,006	927 846,043	22,742	22,279
36	48	96 614	39 717,476	887 047,036	22,334	21,872
37	49	96 377	38 653,740	847 329,560	21,921	21,459
38	50	96 115	37 608,158	808 675,820	21,503	21,040
39	51	95 834	36 583,789	771 067,662	21,077	20,614
40	52	95 522	35 575,351	734 483,873	20,646	20,183
41	53	95 181	34 583,829	698 908,521	20,209	19,747
42	54	94 810	33 608,800	664 324,692	19,766	19,304
43	55	94 400	32 647,251	630 715,892	19,319	18,857
44	56	93 949	31 698,722	598 068,642	18,867	18,405
45	57	93 445	30 759,558	566 369,919	18,413	17,950
46	58	92 896	29 833,016	535 610,361	17,954	17,491
47	59	92 290	28 915,641	505 777,345	17,491	17,029
48	60	91 638	28 011,128	476 861,705	17,024	16,562
49	61	90 913	27 111,562	448 850,577	16,556	16,093
50	62	90 127	26 221,767	421 739,015	16,084	15,621
51	63	89 276	25 340,760	395 517,248	15,608	15,146
52	64	88 346	24 464,937	370 176,488	15,131	14,668
53	65	87 322	23 591,778	345 711,551	14,654	14,191
54	66	86 219	22 725,663	322 119,773	14,174	13,712
55	67	85 010	21 860,274	299 394,110	13,696	13,233
56	68	83 706	20 999,966	277 533,836	13,216	12,753
57	69	82 284	20 139,806	256 533,869	12,738	12,275
58	70	80 737	19 279,154	236 394,064	12,262	11,799
59	71	79 070	18 420,480	217 114,909	11,787	11,324
60	72	77 289	17 566,552	198 694,429	11,311	10,849
61	73	75 396	16 718,230	181 127,877	10,834	10,372
62	74	73 355	15 869,108	164 409,647	10,360	9,898
63	75	71 186	15 024,231	148 540,539	9,887	9,424
64	76	68 911	14 189,325	133 516,308	9,410	8,947
65	77	66 464	13 351,656	119 326,983	8,937	8,475
66	78	63 882	12 519,937	105 975,327	8,465	8,002
67	79	61 097	11 682,039	93 455,390	8,000	7,538
68	80	58 112	10 840,416	81 773,351	7,543	7,081
69	81	54 920	9 994,945	70 932,935	7,097	6,634
70	82	51 467	9 138,082	60 937,990	6,669	6,206
71	83	47 834	8 285,963	51 799,908	6,252	5,789
72	84	44 010	7 437,533	43 513,945	5,851	5,388
73	85	40 065	6 605,684	36 076,412	5,461	4,999
74	86	35 951	5 782,825	29 470,728	5,096	4,634
75	87	31 796	4 989,843	23 687,903	4,747	4,285
76	88	27 656	4 234,275	18 698,059	4,416	3,953
77	89	23 587	3 523,207	14 463,785	4,105	3,643
78	90	19 697	2 870,321	10 940,578	3,812	3,349
79	91	16 028	2 278,783	8 070,256	3,541	3,079
80	92	12 668	1 757,127	5 791,473	3,296	2,834
81	93	9 712	1 314,253	4 034,346	3,070	2,607
82	94	7 187	948,801	2 720,093	2,867	2,404
83	95	5 131	660,830	1 771,293	2,680	2,218
84	96	3 521	442,499	1 110,463	2,510	2,047
85	97	2 284	280,018	667,964	2,385	1,923
86	98	1 434	171,454	387,946	2,263	1,800
87	99	869	101,372	216,492	2,136	1,673
88	100	500	56,911	115,120	2,023	1,560

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 586	99 585,848	3 255 515,902	32,691	32,228
1	14	99 222	96 801,706	3 155 930,053	32,602	32,140
2	15	99 185	94 405,878	3 059 128,348	32,404	31,942
3	16	99 158	92 077,713	2 964 722,469	32,198	31,736
4	17	99 132	89 808,903	2 872 644,756	31,986	31,524
5	18	99 108	87 597,179	2 782 835,853	31,769	31,306
6	19	99 079	85 435,241	2 695 238,674	31,547	31,085
7	20	99 052	83 329,310	2 609 803,433	31,319	30,857
8	21	99 026	81 274,856	2 526 474,123	31,086	30,623
9	22	99 001	79 272,688	2 445 199,266	30,845	30,383
10	23	98 977	77 320,429	2 365 926,579	30,599	30,137
11	24	98 951	75 415,014	2 288 606,149	30,347	29,884
12	25	98 926	73 556,691	2 213 191,136	30,088	29,626
13	26	98 900	71 744,035	2 139 634,445	29,823	29,361
14	27	98 872	69 974,297	2 067 890,411	29,552	29,090
15	28	98 837	68 243,658	1 997 916,113	29,276	28,814
16	29	98 798	66 552,848	1 929 672,455	28,995	28,532
17	30	98 748	64 896,742	1 863 119,607	28,709	28,247
18	31	98 690	63 276,426	1 798 222,865	28,419	27,956
19	32	98 621	61 690,067	1 734 946,439	28,124	27,661
20	33	98 548	60 140,884	1 673 256,372	27,822	27,360
21	34	98 470	58 627,563	1 613 115,488	27,515	27,052
22	35	98 390	57 151,230	1 554 487,925	27,200	26,737
23	36	98 305	55 709,034	1 497 336,695	26,878	26,415
24	37	98 219	54 303,109	1 441 627,661	26,548	26,085
25	38	98 126	52 928,350	1 387 324,552	26,211	25,749
26	39	98 024	51 583,665	1 334 396,202	25,869	25,406
27	40	97 920	50 272,195	1 282 812,537	25,517	25,055
28	41	97 808	48 989,778	1 232 540,341	25,159	24,697
29	42	97 688	47 736,368	1 183 550,563	24,793	24,331
30	43	97 560	46 510,825	1 135 814,194	24,420	23,958
31	44	97 416	45 309,759	1 089 303,370	24,041	23,579
32	45	97 262	44 134,541	1 043 993,611	23,655	23,192
33	46	97 088	42 981,208	999 859,070	23,263	22,800
34	47	96 899	41 851,188	956 877,862	22,864	22,401
35	48	96 692	40 743,099	915 026,675	22,458	21,996
36	49	96 460	39 654,165	874 283,575	22,048	21,585
37	50	96 209	38 586,170	834 629,411	21,630	21,168
38	51	95 936	37 538,463	796 043,240	21,206	20,744
39	52	95 629	36 505,401	758 504,778	20,778	20,315
40	53	95 299	35 492,355	721 999,376	20,342	19,880
41	54	94 937	34 495,029	686 507,021	19,902	19,439
42	55	94 536	33 511,714	652 011,992	19,456	18,994
43	56	94 094	32 541,296	618 500,278	19,007	18,544
44	57	93 613	31 585,337	585 958,982	18,552	18,089
45	58	93 078	30 638,854	554 373,644	18,094	17,631
46	59	92 492	29 703,260	523 734,791	17,632	17,170
47	60	91 856	28 779,553	494 031,531	17,166	16,704
48	61	91 155	27 863,342	465 251,978	16,698	16,235
49	62	90 396	26 957,409	437 388,636	16,225	15,763
50	63	89 574	26 060,911	410 431,227	15,749	15,287
51	64	88 674	25 169,738	384 370,316	15,271	14,809
52	65	87 685	24 282,118	359 200,578	14,793	14,330
53	66	86 626	23 403,741	334 918,460	14,310	13,848
54	67	85 464	22 526,538	311 514,719	13,829	13,366
55	68	84 204	21 652,991	288 988,180	13,346	12,884
56	69	82 830	20 780,188	267 335,190	12,865	12,402
57	70	81 333	19 907,098	246 555,002	12,385	11,923
58	71	79 720	19 036,260	226 647,904	11,906	11,444
59	72	77 986	18 168,087	207 611,644	11,427	10,965
60	73	76 144	17 306,328	189 443,557	10,946	10,484
61	74	74 158	16 443,781	172 137,229	10,468	10,006
62	75	72 047	15 585,953	155 693,448	9,989	9,527
63	76	69 817	14 735,295	140 107,495	9,508	9,046
64	77	67 425	13 883,319	125 372,200	9,030	8,568
65	78	64 882	13 033,934	111 488,882	8,554	8,091
66	79	62 128	12 176,290	98 454,948	8,086	7,623
67	80	59 177	11 315,054	86 278,658	7,625	7,163
68	81	55 994	10 445,158	74 963,604	7,177	6,714
69	82	52 576	9 568,422	64 518,446	6,743	6,280
70	83	48 925	8 686,853	54 950,024	6,326	5,863
71	84	45 121	7 816,054	46 263,171	5,919	5,457
72	85	41 142	6 952,880	38 447,117	5,530	5,067
73	86	37 015	6 102,829	31 494,237	5,161	4,698
74	87	32 816	5 278,678	25 391,408	4,810	4,348
75	88	28 618	4 491,131	20 112,730	4,478	4,016
76	89	24 498	3 750,712	15 621,599	4,165	3,703
77	90	20 532	3 066,889	11 870,887	3,871	3,408
78	91	16 792	2 447,017	8 803,998	3,598	3,135
79	92	13 341	1 896,781	6 356,981	3,351	2,889
80	93	10 293	1 427,662	4 460,200	3,124	2,662
81	94	7 683	1 039,608	3 032,538	2,917	2,455
82	95	5 533	730,420	1 992,930	2,728	2,266
83	96	3 834	493,787	1 262,510	2,557	2,094
84	97	2 516	316,098	768,723	2,432	1,969
85	98	1 601	196,288	452,625	2,306	1,844
86	99	985	117,769	256,338	2,177	1,714
87	100	576	67,213	138,569	2,062	1,599

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,466	3 241 283,320	32,551	32,088
1	15	99 213	96 792,780	3 141 706,854	32,458	31,996
2	16	99 173	94 394,392	3 044 914,074	32,257	31,795
3	17	99 143	92 064,155	2 950 519,682	32,049	31,586
4	18	99 119	89 796,674	2 858 455,527	31,833	31,370
5	19	99 089	87 579,920	2 768 658,852	31,613	31,151
6	20	99 061	85 420,308	2 681 078,932	31,387	30,924
7	21	99 034	83 313,904	2 595 658,623	31,155	30,693
8	22	99 009	81 261,454	2 512 344,719	30,917	30,454
9	23	98 985	79 259,782	2 431 083,265	30,672	30,210
10	24	98 959	77 306,514	2 351 823,483	30,422	29,960
11	25	98 933	75 401,444	2 274 516,969	30,165	29,703
12	26	98 907	73 542,698	2 199 115,525	29,903	29,440
13	27	98 881	71 730,533	2 125 572,827	29,633	29,170
14	28	98 851	69 959,240	2 053 842,294	29,358	28,895
15	29	98 814	68 227,577	1 983 883,054	29,077	28,615
16	30	98 773	66 535,626	1 915 655,478	28,791	28,329
17	31	98 717	64 876,161	1 849 119,851	28,502	28,040
18	32	98 659	63 256,557	1 784 243,690	28,206	27,744
19	33	98 587	61 668,930	1 720 987,133	27,907	27,444
20	34	98 512	60 119,214	1 659 318,203	27,600	27,138
21	35	98 430	58 603,760	1 599 198,989	27,288	26,826
22	36	98 349	57 127,676	1 540 595,229	26,968	26,505
23	37	98 260	55 683,491	1 483 467,552	26,641	26,179
24	38	98 173	54 277,333	1 427 784,061	26,305	25,843
25	39	98 067	52 896,421	1 373 506,728	25,966	25,504
26	40	97 965	51 552,656	1 320 610,307	25,617	25,154
27	41	97 853	50 237,724	1 269 057,651	25,261	24,799
28	42	97 735	48 953,513	1 218 819,927	24,897	24,435
29	43	97 611	47 698,477	1 169 866,413	24,526	24,064
30	44	97 471	46 468,590	1 122 167,936	24,149	23,687
31	45	97 322	45 265,782	1 075 699,346	23,764	23,302
32	46	97 150	44 083,687	1 030 433,564	23,374	22,912
33	47	96 970	42 928,878	986 349,877	22,976	22,514
34	48	96 766	41 793,839	943 420,999	22,573	22,111
35	49	96 538	40 678,153	901 627,160	22,165	21,702
36	50	96 292	39 584,846	860 949,007	21,749	21,287
37	51	96 030	38 514,662	821 364,161	21,326	20,864
38	52	95 731	37 458,029	782 849,499	20,899	20,437
39	53	95 406	36 420,235	745 391,469	20,466	20,004
40	54	95 055	35 401,223	708 971,234	20,027	19,564
41	55	94 663	34 395,384	673 570,012	19,583	19,121
42	56	94 230	33 402,954	639 174,628	19,135	18,673
43	57	93 757	32 424,897	605 771,674	18,682	18,220
44	58	93 246	31 461,392	573 346,777	18,224	17,761
45	59	92 673	30 505,593	541 885,385	17,763	17,301
46	60	92 056	29 563,466	511 379,792	17,298	16,835
47	61	91 371	28 627,714	481 816,327	16,830	16,368
48	62	90 636	27 704,914	453 188,613	16,358	15,895
49	63	89 841	26 792,040	425 483,699	15,881	15,419
50	64	88 970	25 885,029	398 691,659	15,402	14,940
51	65	88 011	24 981,653	372 806,630	14,923	14,461
52	66	86 987	24 088,579	347 824,978	14,439	13,977
53	67	85 867	23 198,675	323 736,399	13,955	13,493
54	68	84 654	22 312,937	300 537,724	13,469	13,007
55	69	83 322	21 426,377	278 224,787	12,985	12,523
56	70	81 873	20 540,081	256 798,409	12,502	12,040
57	71	80 309	19 656,293	236 258,328	12,019	11,557
58	72	78 627	18 775,429	216 602,035	11,536	11,074
59	73	76 831	17 898,952	197 826,606	11,052	10,590
60	74	74 894	17 022,225	179 927,654	10,570	10,108
61	75	72 835	16 150,372	162 905,429	10,087	9,624
62	76	70 661	15 286,213	146 755,057	9,600	9,138
63	77	68 312	14 417,514	131 468,844	9,119	8,656
64	78	65 820	13 552,944	117 051,330	8,637	8,174
65	79	63 101	12 676,178	103 498,385	8,165	7,702
66	80	60 177	11 793,778	90 822,208	7,701	7,238
67	81	57 020	10 902,490	79 028,429	7,249	6,786
68	82	53 604	9 999,423	68 125,939	6,813	6,351
69	83	49 980	9 095,943	58 126,516	6,390	5,928
70	84	46 151	8 194,209	49 030,573	5,984	5,521
71	85	42 181	7 306,736	40 836,364	5,589	5,126
72	86	38 010	6 423,594	33 529,628	5,220	4,757
73	87	33 788	5 570,784	27 106,034	4,866	4,403
74	88	29 537	4 751,098	21 535,250	4,533	4,070
75	89	25 350	3 978,235	16 784,152	4,219	3,757
76	90	21 325	3 264,927	12 805,917	3,922	3,460
77	91	17 504	2 614,596	9 540,989	3,649	3,187
78	92	13 977	2 036,813	6 926,393	3,401	2,938
79	93	10 840	1 541,131	4 889,580	3,173	2,710
80	94	8 142	1 129,318	3 348,450	2,965	2,503
81	95	5 914	800,326	2 219,132	2,773	2,310
82	96	4 134	545,786	1 418,806	2,600	2,137
83	97	2 739	352,736	873,019	2,475	2,013
84	98	1 763	221,579	520,284	2,348	1,886
85	99	1 100	134,826	298,705	2,215	1,753
86	100	653	78,085	163,879	2,099	1,636

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 567	99 567,285	3 226 397,189	32,404	31,942
1	16	99 201	96 781,003	3 126 829,905	32,308	31,846
2	17	99 159	94 380,493	3 030 048,901	32,105	31,642
3	18	99 130	92 051,619	2 935 668,409	31,892	31,429
4	19	99 099	89 778,983	2 843 616,789	31,674	31,211
5	20	99 071	87 564,612	2 753 837,806	31,449	30,987
6	21	99 043	85 404,516	2 666 273,194	31,219	30,757
7	22	99 018	83 300,166	2 580 868,678	30,983	30,520
8	23	98 993	81 248,224	2 497 568,512	30,740	30,278
9	24	98 967	79 245,518	2 416 320,288	30,492	30,029
10	25	98 941	77 292,604	2 337 074,770	30,237	29,774
11	26	98 914	75 387,100	2 259 782,166	29,976	29,513
12	27	98 888	73 528,858	2 184 395,066	29,708	29,246
13	28	98 860	71 715,097	2 110 866,208	29,434	28,972
14	29	98 827	69 942,755	2 039 151,110	29,155	28,692
15	30	98 788	68 209,921	1 969 208,356	28,870	28,407
16	31	98 741	66 514,526	1 900 998,434	28,580	28,118
17	32	98 686	64 855,790	1 834 483,908	28,286	27,823
18	33	98 625	63 234,884	1 769 628,118	27,985	27,523
19	34	98 552	61 646,709	1 706 393,234	27,680	27,218
20	35	98 472	60 094,806	1 644 746,525	27,369	26,907
21	36	98 389	58 579,608	1 584 651,720	27,051	26,589
22	37	98 304	57 101,483	1 526 072,112	26,726	26,263
23	38	98 213	55 657,060	1 468 970,629	26,393	25,931
24	39	98 114	54 244,590	1 413 313,568	26,054	25,592
25	40	98 008	52 864,623	1 359 068,978	25,708	25,246
26	41	97 898	51 517,307	1 306 204,355	25,355	24,892
27	42	97 781	50 200,535	1 254 687,049	24,993	24,531
28	43	97 658	48 914,656	1 204 486,514	24,624	24,162
29	44	97 522	47 655,164	1 155 571,858	24,249	23,786
30	45	97 376	46 423,489	1 107 916,694	23,865	23,403
31	46	97 210	45 213,625	1 061 493,205	23,477	23,015
32	47	97 031	44 030,015	1 016 279,580	23,082	22,619
33	48	96 837	42 870,052	972 249,565	22,679	22,217
34	49	96 612	41 727,218	929 379,513	22,273	21,810
35	50	96 369	40 607,045	887 652,296	21,860	21,397
36	51	96 113	39 511,488	847 045,251	21,438	20,976
37	52	95 825	38 432,137	807 533,763	21,012	20,550
38	53	95 507	37 370,641	769 101,626	20,580	20,118
39	54	95 161	36 326,720	731 730,985	20,143	19,681
40	55	94 780	35 298,959	695 404,265	19,700	19,238
41	56	94 355	34 283,755	660 105,306	19,254	18,792
42	57	93 893	33 283,473	625 821,551	18,803	18,340
43	58	93 389	32 297,657	592 538,078	18,346	17,884
44	59	92 840	31 324,554	560 240,421	17,885	17,423
45	60	92 237	30 362,022	528 915,867	17,420	16,958
46	61	91 571	29 407,490	498 553,845	16,953	16,491
47	62	90 851	28 464,940	469 146,355	16,482	16,019
48	63	90 080	27 534,960	440 681,415	16,004	15,542
49	64	89 235	26 611,223	413 146,455	15,525	15,063
50	65	88 305	25 691,598	386 535,232	15,045	14,583
51	66	87 310	24 782,538	360 843,633	14,560	14,098
52	67	86 224	23 877,512	336 061,095	14,074	13,612
53	68	85 053	22 978,700	312 183,583	13,586	13,123
54	69	83 768	22 079,417	289 204,883	13,098	12,636
55	70	82 360	21 178,804	267 125,466	12,613	12,150
56	71	80 841	20 281,301	245 946,662	12,127	11,664
57	72	79 208	19 386,967	225 665,361	11,640	11,178
58	73	77 463	18 497,298	206 278,394	11,152	10,689
59	74	75 570	17 605,120	187 781,096	10,666	10,204
60	75	73 558	16 718,494	170 175,976	10,179	9,716
61	76	71 434	15 839,778	153 457,482	9,688	9,226
62	77	69 137	14 956,552	137 617,704	9,201	8,739
63	78	66 686	14 074,428	122 661,152	8,715	8,253
64	79	64 014	13 180,943	108 586,724	8,238	7,776
65	80	61 119	12 277,962	95 405,782	7,770	7,308
66	81	57 983	11 363,759	83 127,819	7,315	6,853
67	82	54 586	10 437,239	71 764,060	6,876	6,413
68	83	50 957	9 505,662	61 326,821	6,452	5,989
69	84	47 145	8 580,099	51 821,159	6,040	5,577
70	85	43 143	7 660,249	43 241,060	5,645	5,182
71	86	38 970	6 750,513	35 580,811	5,271	4,808
72	87	34 696	5 863,585	28 830,298	4,917	4,454
73	88	30 411	5 014,009	22 966,713	4,581	4,118
74	89	26 163	4 208,513	17 952,703	4,266	3,803
75	90	22 067	3 462,982	13 744,190	3,969	3,506
76	91	18 180	2 783,429	10 281,208	3,694	3,231
77	92	14 570	2 176,299	7 497,779	3,445	2,983
78	93	11 356	1 654,907	5 321,480	3,216	2,753
79	94	8 575	1 219,074	3 666,573	3,008	2,545
80	95	6 268	869,388	2 447,499	2,815	2,353
81	96	4 419	598,022	1 578,111	2,639	2,176
82	97	2 953	389,881	980,089	2,514	2,051
83	98	1 920	247,261	590,208	2,387	1,925
84	99	1 211	152,198	342,947	2,253	1,791
85	100	729	89,395	190,748	2,134	1,671

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 555	99 555,170	3 210 851,168	32,252	31,790
1	17	99 186	96 766,753	3 111 295,997	32,153	31,690
2	18	99 145	94 367,642	3 014 529,245	31,945	31,482
3	19	99 110	92 033,484	2 920 161,603	31,729	31,267
4	20	99 082	89 763,291	2 828 128,119	31,507	31,044
5	21	99 053	87 548,423	2 738 364,829	31,278	30,816
6	22	99 027	85 390,433	2 650 816,405	31,043	30,581
7	23	99 002	83 286,604	2 565 425,972	30,802	30,340
8	24	98 975	81 233,603	2 482 139,368	30,556	30,093
9	25	98 949	79 231,258	2 400 905,766	30,303	29,840
10	26	98 922	77 277,901	2 321 674,507	30,043	29,581
11	27	98 896	75 372,913	2 244 396,606	29,777	29,315
12	28	98 867	73 513,036	2 169 023,694	29,505	29,043
13	29	98 837	71 698,198	2 095 510,658	29,227	28,764
14	30	98 802	69 924,656	2 023 812,460	28,943	28,480
15	31	98 757	68 188,290	1 953 887,804	28,654	28,192
16	32	98 710	66 493,641	1 885 699,514	28,359	27,897
17	33	98 652	64 833,569	1 819 205,873	28,060	27,597
18	34	98 589	63 212,098	1 754 372,305	27,754	27,291
19	35	98 512	61 621,681	1 691 160,207	27,444	26,982
20	36	98 432	60 070,039	1 629 538,526	27,127	26,665
21	37	98 344	58 552,749	1 569 468,487	26,804	26,342
22	38	98 258	57 074,379	1 510 915,738	26,473	26,010
23	39	98 154	55 623,485	1 453 841,359	26,137	25,675
24	40	98 055	54 211,981	1 398 217,873	25,792	25,329
25	41	97 941	52 828,374	1 344 005,892	25,441	24,979
26	42	97 825	51 479,170	1 291 177,518	25,082	24,619
27	43	97 703	50 160,688	1 239 698,348	24,715	24,252
28	44	97 569	48 870,238	1 189 537,660	24,341	23,878
29	45	97 427	47 608,911	1 140 667,422	23,959	23,497
30	46	97 264	46 369,998	1 093 058,511	23,573	23,110
31	47	97 091	45 158,577	1 046 688,513	23,178	22,716
32	48	96 898	43 969,680	1 001 529,936	22,778	22,315
33	49	96 683	42 801,715	957 560,256	22,372	21,910
34	50	96 443	41 654,275	914 758,541	21,961	21,498
35	51	96 190	40 531,792	873 104,266	21,541	21,079
36	52	95 907	39 426,827	832 572,474	21,117	20,654
37	53	95 601	38 342,476	793 145,647	20,686	20,223
38	54	95 262	37 274,685	754 803,171	20,250	19,787
39	55	94 886	36 221,783	717 528,486	19,809	19,347
40	56	94 472	35 184,398	681 306,703	19,364	18,901
41	57	94 018	34 161,123	646 122,304	18,914	18,452
42	58	93 524	33 152,864	611 961,181	18,459	17,996
43	59	92 983	32 157,182	578 808,317	17,999	17,537
44	60	92 403	31 177,129	546 651,135	17,534	17,071
45	61	91 750	30 201,834	515 474,006	17,068	16,605
46	62	91 050	29 240,282	485 272,173	16,596	16,134
47	63	90 294	28 290,323	456 031,890	16,120	15,657
48	64	89 472	27 349,130	427 741,567	15,640	15,178
49	65	88 568	26 412,366	400 392,437	15,159	14,697
50	66	87 601	25 486,825	373 980,071	14,673	14,211
51	67	86 545	24 565,391	348 493,246	14,186	13,724
52	68	85 407	23 651,100	323 927,855	13,696	13,234
53	69	84 163	22 738,213	300 276,755	13,206	12,743
54	70	82 800	21 824,298	277 538,543	12,717	12,255
55	71	81 322	20 911,977	255 714,244	12,228	11,766
56	72	79 733	20 003,411	234 802,268	11,738	11,276
57	73	78 035	19 099,776	214 798,857	11,246	10,784
58	74	76 191	18 193,643	195 699,080	10,756	10,294
59	75	74 221	17 290,989	177 505,437	10,266	9,803
60	76	72 143	16 396,975	160 214,448	9,771	9,309
61	77	69 893	15 498,178	143 817,474	9,280	8,817
62	78	67 492	14 600,638	128 319,296	8,789	8,326
63	79	64 856	13 688,113	113 718,657	8,308	7,845
64	80	62 003	12 766,871	100 030,544	7,835	7,373
65	81	58 891	11 830,290	87 263,674	7,376	6,914
66	82	55 508	10 878,824	75 433,384	6,934	6,472
67	83	51 891	9 921,859	64 554,560	6,506	6,044
68	84	48 067	8 966,582	54 632,701	6,093	5,631
69	85	44 073	8 020,993	45 666,119	5,693	5,231
70	86	39 859	7 077,115	37 645,126	5,319	4,857
71	87	35 573	6 162,003	30 568,011	4,961	4,498
72	88	31 228	5 277,546	24 406,008	4,624	4,162
73	89	26 938	4 441,400	19 128,462	4,307	3,844
74	90	22 775	3 663,435	14 687,062	4,009	3,547
75	91	18 813	2 952,275	11 023,627	3,734	3,272
76	92	15 132	2 316,830	8 071,352	3,484	3,021
77	93	11 838	1 768,239	5 754,522	3,254	2,792
78	94	8 983	1 309,074	3 986,283	3,045	2,583
79	95	6 601	938,486	2 677,209	2,853	2,390
80	96	4 684	649,627	1 738,723	2,676	2,214
81	97	3 157	427,195	1 089,096	2,549	2,087
82	98	2 070	273,299	661,901	2,422	1,959
83	99	1 319	169,839	388,602	2,288	1,826
84	100	803	100,913	218,762	2,168	1,705

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 541	99 540,511	3 194 642,047	32,094	31,631
1	18	99 172	96 753,577	3 095 101,536	31,990	31,527
2	19	99 125	94 349,050	2 998 347,959	31,779	31,317
3	20	99 093	92 017,397	2 903 998,910	31,559	31,097
4	21	99 064	89 746,695	2 811 981,512	31,332	30,870
5	22	99 037	87 533,987	2 722 234,817	31,099	30,637
6	23	99 011	85 376,530	2 634 700,830	30,860	30,397
7	24	98 984	83 271,615	2 549 324,300	30,615	30,152
8	25	98 957	81 218,986	2 466 052,684	30,363	29,901
9	26	98 930	79 216,187	2 384 833,699	30,105	29,643
10	27	98 904	77 263,358	2 305 617,512	29,841	29,379
11	28	98 875	75 356,694	2 228 354,154	29,571	29,108
12	29	98 844	73 495,713	2 152 997,461	29,294	28,832
13	30	98 811	71 679,645	2 079 501,748	29,011	28,549
14	31	98 770	69 902,481	2 007 822,103	28,723	28,261
15	32	98 726	68 166,879	1 937 919,622	28,429	27,967
16	33	98 676	66 470,858	1 869 752,743	28,129	27,666
17	34	98 616	64 810,207	1 803 281,885	27,824	27,362
18	35	98 549	63 186,434	1 738 471,678	27,513	27,051
19	36	98 471	61 596,284	1 675 285,244	27,198	26,735
20	37	98 387	60 042,497	1 613 688,960	26,876	26,413
21	38	98 297	58 524,956	1 553 646,463	26,547	26,084
22	39	98 198	57 039,949	1 495 121,507	26,212	25,749
23	40	98 095	55 590,047	1 438 081,557	25,869	25,407
24	41	97 987	54 174,808	1 382 491,510	25,519	25,057
25	42	97 868	52 789,267	1 328 316,702	25,163	24,700
26	43	97 748	51 438,308	1 275 527,435	24,797	24,335
27	44	97 614	50 115,139	1 224 089,126	24,426	23,963
28	45	97 474	48 822,806	1 173 973,988	24,046	23,583
29	46	97 315	47 554,054	1 125 151,182	23,660	23,198
30	47	97 146	46 313,542	1 077 597,128	23,267	22,805
31	48	96 958	45 096,696	1 031 283,586	22,868	22,406
32	49	96 744	43 899,590	986 186,890	22,465	22,002
33	50	96 514	42 726,895	942 287,299	22,054	21,591
34	51	96 264	41 577,082	899 560,405	21,636	21,174
35	52	95 984	40 444,944	857 983,323	21,214	20,751
36	53	95 683	39 334,845	817 538,379	20,784	20,322
37	54	95 356	38 244,025	778 203,534	20,348	19,886
38	55	94 987	37 167,010	739 959,509	19,909	19,447
39	56	94 578	36 104,227	702 792,498	19,466	19,003
40	57	94 134	35 058,545	666 688,271	19,016	18,554
41	58	93 649	34 027,071	631 629,726	18,563	18,100
42	59	93 117	33 008,669	597 602,655	18,104	17,642
43	60	92 546	32 005,838	564 593,987	17,640	17,178
44	61	91 916	31 012,640	532 588,149	17,173	16,711
45	62	91 229	30 030,110	501 575,509	16,702	16,240
46	63	90 491	29 060,910	471 545,399	16,226	15,764
47	64	89 685	28 099,395	442 484,490	15,747	15,285
48	65	88 804	27 144,759	414 385,095	15,266	14,803
49	66	87 862	26 201,848	387 240,336	14,779	14,317
50	67	86 833	25 263,507	361 038,488	14,291	13,828
51	68	85 724	24 332,456	335 774,981	13,799	13,337
52	69	84 513	23 403,576	311 442,525	13,307	12,845
53	70	83 191	22 475,482	288 038,950	12,816	12,353
54	71	81 757	21 549,338	265 563,468	12,324	11,861
55	72	80 208	20 625,446	244 014,130	11,831	11,368
56	73	78 552	19 707,089	223 388,684	11,335	10,873
57	74	76 754	18 786,231	203 681,595	10,842	10,380
58	75	74 832	17 869,011	184 895,364	10,347	9,885
59	76	72 794	16 958,459	167 026,353	9,849	9,387
60	77	70 587	16 043,359	150 067,894	9,354	8,891
61	78	68 230	15 129,376	134 024,535	8,859	8,396
62	79	65 639	14 199,880	118 895,160	8,373	7,911
63	80	62 818	13 258,108	104 695,280	7,897	7,434
64	81	59 742	12 301,371	91 437,172	7,433	6,971
65	82	56 378	11 325,445	79 135,800	6,987	6,525
66	83	52 767	10 341,639	67 810,355	6,557	6,095
67	84	48 948	9 359,176	57 468,716	6,140	5,678
68	85	44 935	8 382,291	48 109,540	5,739	5,277
69	86	40 718	7 410,398	39 727,249	5,361	4,899
70	87	36 384	6 460,132	32 316,851	5,003	4,540
71	88	32 017	5 546,139	25 856,719	4,662	4,200
72	89	27 662	4 674,840	20 310,580	4,345	3,882
73	90	23 449	3 866,159	15 635,740	4,044	3,582
74	91	19 416	3 123,166	11 769,582	3,768	3,306
75	92	15 659	2 457,372	8 646,415	3,519	3,056
76	93	12 295	1 882,420	6 189,044	3,288	2,825
77	94	9 364	1 398,723	4 306,623	3,079	2,617
78	95	6 915	1 007,771	2 907,901	2,885	2,423
79	96	4 932	701,258	1 900,130	2,710	2,247
80	97	3 346	464,059	1 198,872	2,583	2,121
81	98	2 213	299,456	734,813	2,454	1,991
82	99	1 422	187,724	435,357	2,319	1,857
83	100	874	112,609	247,632	2,199	1,737

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 527	99 526,958	3 177 766,133	31,929	31,466
1	19	99 153	96 734,515	3 078 239,175	31,822	31,359
2	20	99 108	94 332,558	2 981 504,661	31,606	31,144
3	21	99 074	92 000,385	2 887 172,102	31,382	30,920
4	22	99 047	89 731,896	2 795 171,717	31,150	30,688
5	23	99 021	87 519,736	2 705 439,821	30,912	30,450
6	24	98 993	85 361,166	2 617 920,085	30,669	30,206
7	25	98 966	83 256,632	2 532 558,919	30,419	29,956
8	26	98 939	81 203,536	2 449 302,288	30,163	29,700
9	27	98 912	79 201,279	2 368 098,752	29,900	29,437
10	28	98 882	77 246,732	2 288 897,473	29,631	29,169
11	29	98 851	75 338,937	2 211 650,742	29,356	28,894
12	30	98 818	73 476,694	2 136 311,805	29,075	28,612
13	31	98 780	71 656,913	2 062 835,111	28,788	28,325
14	32	98 739	69 880,531	1 991 178,197	28,494	28,032
15	33	98 692	68 143,523	1 921 297,666	28,195	27,732
16	34	98 641	66 446,906	1 853 154,143	27,889	27,427
17	35	98 576	64 783,895	1 786 707,237	27,579	27,117
18	36	98 509	63 160,393	1 721 923,342	27,263	26,800
19	37	98 426	61 568,043	1 658 762,949	26,942	26,480
20	38	98 340	60 013,997	1 597 194,907	26,614	26,151
21	39	98 238	58 489,651	1 537 180,910	26,281	25,819
22	40	98 139	57 005,660	1 478 691,259	25,939	25,477
23	41	98 028	55 551,929	1 421 685,599	25,592	25,130
24	42	97 915	54 134,705	1 366 133,669	25,236	24,773
25	43	97 791	52 747,365	1 311 998,964	24,873	24,411
26	44	97 659	51 391,599	1 259 251,599	24,503	24,041
27	45	97 520	50 066,498	1 207 860,001	24,125	23,663
28	46	97 362	48 766,550	1 157 793,502	23,742	23,279
29	47	97 196	47 496,156	1 109 026,952	23,350	22,887
30	48	97 013	46 250,078	1 061 530,796	22,952	22,490
31	49	96 804	45 024,810	1 015 280,718	22,549	22,087
32	50	96 575	43 822,851	970 255,908	22,140	21,678
33	51	96 335	42 647,713	926 433,057	21,723	21,261
34	52	96 058	41 487,995	883 785,344	21,302	20,840
35	53	95 760	40 350,588	842 297,349	20,874	20,412
36	54	95 438	39 233,846	801 946,762	20,440	19,978
37	55	95 080	38 133,550	762 712,916	20,001	19,539
38	56	94 679	37 046,386	724 579,366	19,559	19,096
39	57	94 239	35 975,084	687 532,979	19,111	18,649
40	58	93 765	34 920,971	651 557,895	18,658	18,196
41	59	93 242	33 879,073	616 636,925	18,201	17,739
42	60	92 679	32 853,318	582 757,852	17,738	17,276
43	61	92 057	31 836,977	549 904,534	17,273	16,810
44	62	91 393	30 836,306	518 067,557	16,801	16,338
45	63	90 669	29 845,892	487 231,251	16,325	15,862
46	64	89 881	28 864,781	457 385,360	15,846	15,383
47	65	89 015	27 889,417	428 520,579	15,365	14,903
48	66	88 096	26 928,403	400 631,162	14,878	14,415
49	67	87 092	25 972,265	373 702,759	14,389	13,926
50	68	86 010	25 023,953	347 730,494	13,896	13,433
51	69	84 827	24 077,801	322 706,542	13,403	12,940
52	70	83 536	23 133,157	298 628,741	12,909	12,447
53	71	82 142	22 192,318	275 495,584	12,414	11,952
54	72	80 636	21 254,074	253 303,267	11,918	11,455
55	73	79 020	20 319,909	232 049,193	11,420	10,957
56	74	77 263	19 383,574	211 729,284	10,923	10,461
57	75	75 384	18 451,025	192 345,710	10,425	9,962
58	76	73 392	17 525,365	173 894,685	9,922	9,460
59	77	71 224	16 592,734	156 369,319	9,424	8,962
60	78	68 908	15 661,583	139 776,585	8,925	8,462
61	79	66 357	14 714,104	124 115,002	8,435	7,973
62	80	63 577	13 753,798	109 400,898	7,954	7,492
63	81	60 528	12 774,698	95 647,100	7,487	7,025
64	82	57 193	11 776,424	82 872,402	7,037	6,575
65	83	53 594	10 766,207	71 095,978	6,604	6,141
66	84	49 775	9 755,150	60 329,771	6,184	5,722
67	85	45 759	8 749,303	50 574,621	5,780	5,318
68	86	41 514	7 744,192	41 825,319	5,401	4,938
69	87	37 168	6 764,359	34 081,127	5,038	4,576
70	88	32 748	5 814,471	27 316,767	4,698	4,236
71	89	28 361	4 912,759	21 502,296	4,377	3,914
72	90	24 079	4 069,364	16 589,538	4,077	3,614
73	91	19 991	3 295,993	12 520,173	3,799	3,336
74	92	16 161	2 599,616	9 224,181	3,548	3,086
75	93	12 723	1 996,610	6 624,565	3,318	2,855
76	94	9 726	1 489,043	4 627,955	3,108	2,646
77	95	7 209	1 076,785	3 138,912	2,915	2,453
78	96	5 167	753,029	2 062,126	2,738	2,276
79	97	3 523	500,942	1 309,097	2,613	2,151
80	98	2 345	325,297	808,155	2,484	2,022
81	99	1 520	205,691	482,859	2,347	1,885
82	100	943	124,468	277,168	2,227	1,764

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 507	99 507,349	3 160 215,795	31,759	31,296
1	20	99 136	96 717,606	3 060 708,446	31,646	31,183
2	21	99 090	94 315,118	2 963 990,839	31,426	30,964
3	22	99 058	91 985,214	2 869 675,721	31,197	30,735
4	23	99 031	89 717,287	2 777 690,506	30,960	30,498
5	24	99 003	87 503,985	2 687 973,219	30,718	30,256
6	25	98 975	85 345,806	2 600 469,234	30,470	30,007
7	26	98 947	83 240,794	2 515 123,428	30,215	29,753
8	27	98 920	81 188,254	2 431 882,634	29,954	29,491
9	28	98 890	79 184,236	2 350 694,380	29,686	29,224
10	29	98 859	77 228,529	2 271 510,144	29,413	28,950
11	30	98 826	75 319,441	2 194 281,615	29,133	28,671
12	31	98 787	73 453,393	2 118 962,174	28,848	28,385
13	32	98 749	71 634,413	2 045 508,781	28,555	28,092
14	33	98 706	69 856,588	1 973 874,368	28,256	27,794
15	34	98 657	68 118,969	1 904 017,780	27,951	27,489
16	35	98 601	66 419,929	1 835 898,811	27,641	27,178
17	36	98 536	64 757,195	1 769 478,882	27,325	26,862
18	37	98 463	63 131,434	1 704 721,687	27,003	26,540
19	38	98 379	61 538,818	1 641 590,253	26,676	26,213
20	39	98 281	59 977,793	1 580 051,435	26,344	25,882
21	40	98 179	58 454,490	1 520 073,641	26,004	25,542
22	41	98 072	56 966,571	1 461 619,151	25,657	25,195
23	42	97 955	55 510,807	1 404 652,580	25,304	24,842
24	43	97 837	54 091,735	1 349 141,773	24,942	24,479
25	44	97 702	52 699,467	1 295 050,038	24,574	24,112
26	45	97 564	51 341,719	1 242 350,571	24,198	23,735
27	46	97 407	50 008,810	1 191 008,852	23,816	23,354
28	47	97 244	48 707,176	1 141 000,042	23,426	22,963
29	48	97 063	47 431,072	1 092 292,866	23,029	22,567
30	49	96 858	46 176,353	1 044 861,793	22,628	22,165
31	50	96 634	44 946,103	998 685,440	22,220	21,757
32	51	96 396	43 741,638	953 739,337	21,804	21,342
33	52	96 128	42 556,332	909 997,699	21,383	20,921
34	53	95 834	41 391,204	867 441,367	20,957	20,495
35	54	95 514	40 246,980	826 050,162	20,525	20,062
36	55	95 162	39 120,511	785 803,182	20,087	19,624
37	56	94 772	38 009,789	746 682,670	19,644	19,182
38	57	94 340	36 913,873	708 672,881	19,198	18,736
39	58	93 870	35 833,913	671 759,008	18,746	18,284
40	59	93 357	34 769,085	635 925,095	18,290	17,828
41	60	92 803	33 719,626	601 156,010	17,828	17,366
42	61	92 190	32 679,985	567 436,384	17,363	16,901
43	62	91 534	31 655,956	534 756,399	16,893	16,430
44	63	90 832	30 647,142	503 100,443	16,416	15,953
45	64	90 057	29 644,465	472 453,301	15,937	15,475
46	65	89 209	28 649,084	442 808,836	15,456	14,994
47	66	88 305	27 667,126	414 159,753	14,969	14,507
48	67	87 324	26 692,453	386 492,626	14,479	14,017
49	68	86 266	25 725,990	359 800,173	13,986	13,523
50	69	85 110	24 762,060	334 074,183	13,491	13,029
51	70	83 847	23 799,591	309 312,123	12,997	12,534
52	71	82 484	22 841,707	285 512,532	12,500	12,037
53	72	81 017	21 888,243	262 670,825	12,001	11,538
54	73	79 442	20 939,225	240 782,582	11,499	11,037
55	74	77 722	19 986,334	219 843,357	11,000	10,537
56	75	75 884	19 037,709	199 857,023	10,498	10,036
57	76	73 935	18 096,187	180 819,313	9,992	9,530
58	77	71 810	17 147,414	162 723,127	9,490	9,027
59	78	69 529	16 197,885	145 575,712	8,987	8,525
60	79	67 016	15 231,704	129 377,827	8,494	8,032
61	80	64 273	14 251,869	114 146,123	8,009	7,547
62	81	61 259	13 252,314	99 894,255	7,538	7,075
63	82	57 945	12 229,552	86 641,941	7,085	6,622
64	83	54 369	11 194,917	74 412,389	6,647	6,185
65	84	50 554	10 155,640	63 217,472	6,225	5,762
66	85	46 531	9 119,473	53 061,832	5,819	5,356
67	86	42 275	8 083,265	43 942,359	5,436	4,974
68	87	37 895	7 069,053	35 859,094	5,073	4,610
69	88	33 454	6 088,292	28 790,041	4,729	4,266
70	89	29 008	5 150,447	22 701,749	4,408	3,945
71	90	24 688	4 276,468	17 551,302	4,104	3,642
72	91	20 528	3 469,230	13 274,834	3,826	3,364
73	92	16 640	2 743,471	9 805,603	3,574	3,112
74	93	13 131	2 112,183	7 062,133	3,344	2,881
75	94	10 064	1 579,370	4 949,949	3,134	2,672
76	95	7 487	1 146,317	3 370,579	2,940	2,478
77	96	5 387	804,599	2 224,262	2,764	2,302
78	97	3 691	537,924	1 419,663	2,639	2,177
79	98	2 470	351,151	881,739	2,511	2,049
80	99	1 611	223,440	530,588	2,375	1,912
81	100	1 008	136,380	307,148	2,252	1,790

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 490	99 489,956	3 141 990,488	31,581	31,119
1	21	99 117	96 699,725	3 042 500,532	31,463	31,001
2	22	99 073	94 299,566	2 945 800,807	31,239	30,776
3	23	99 042	91 970,238	2 851 501,241	31,005	30,542
4	24	99 013	89 701,141	2 759 531,003	30,764	30,301
5	25	98 985	87 488,240	2 669 829,861	30,516	30,054
6	26	98 956	85 329,571	2 582 341,621	30,263	29,801
7	27	98 929	83 225,129	2 497 012,050	30,003	29,541
8	28	98 899	81 170,783	2 413 786,922	29,737	29,275
9	29	98 867	79 165,577	2 332 616,138	29,465	29,003
10	30	98 833	77 208,545	2 253 450,562	29,187	28,724
11	31	98 794	75 295,555	2 176 242,017	28,903	28,440
12	32	98 756	73 430,329	2 100 946,462	28,611	28,149
13	33	98 715	71 609,869	2 027 516,133	28,313	27,851
14	34	98 670	69 831,417	1 955 906,264	28,009	27,547
15	35	98 617	68 091,313	1 886 074,848	27,699	27,237
16	36	98 560	66 392,555	1 817 983,535	27,382	26,920
17	37	98 491	64 727,504	1 751 590,980	27,061	26,599
18	38	98 417	63 101,468	1 686 863,476	26,733	26,270
19	39	98 320	61 501,695	1 623 762,008	26,402	25,939
20	40	98 222	59 941,738	1 562 260,312	26,063	25,601
21	41	98 112	58 414,408	1 502 318,575	25,718	25,256
22	42	97 999	56 924,401	1 443 904,166	25,365	24,903
23	43	97 877	55 466,744	1 386 979,765	25,006	24,543
24	44	97 748	54 042,616	1 331 513,021	24,638	24,176
25	45	97 607	52 648,318	1 277 470,405	24,264	23,802
26	46	97 452	51 282,562	1 224 822,087	23,884	23,421
27	47	97 289	49 947,923	1 173 539,525	23,495	23,033
28	48	97 110	48 640,433	1 123 591,602	23,100	22,638
29	49	96 909	47 355,465	1 074 951,169	22,700	22,237
30	50	96 689	46 095,634	1 027 595,704	22,293	21,830
31	51	96 455	44 862,809	981 500,070	21,878	21,415
32	52	96 189	43 647,913	936 637,261	21,459	20,997
33	53	95 904	42 457,050	892 989,348	21,033	20,570
34	54	95 588	41 284,925	850 532,298	20,602	20,139
35	55	95 238	40 130,719	809 247,373	20,165	19,703
36	56	94 853	38 993,548	769 116,654	19,724	19,262
37	57	94 433	37 873,830	730 123,106	19,278	18,815
38	58	93 970	36 769,018	692 249,276	18,827	18,365
39	59	93 461	35 678,056	655 480,258	18,372	17,910
40	60	92 918	34 605,449	619 802,202	17,911	17,448
41	61	92 313	33 541,723	585 196,752	17,447	16,984
42	62	91 666	32 494,171	551 655,030	16,977	16,515
43	63	90 972	31 461,764	519 160,859	16,501	16,039
44	64	90 219	30 440,308	487 699,095	16,021	15,559
45	65	89 384	29 422,941	457 258,787	15,541	15,078
46	66	88 498	28 420,738	427 835,846	15,054	14,591
47	67	87 531	27 424,704	399 415,108	14,564	14,102
48	68	86 496	26 439,350	371 990,405	14,070	13,607
49	69	85 364	25 456,750	345 551,055	13,574	13,112
50	70	84 126	24 475,944	320 094,305	13,078	12,615
51	71	82 790	23 499,745	295 618,361	12,580	12,117
52	72	81 354	22 528,735	272 118,615	12,079	11,616
53	73	79 817	21 564,000	249 589,880	11,574	11,112
54	74	78 138	20 595,483	228 025,880	11,072	10,609
55	75	76 336	19 629,714	207 430,397	10,567	10,105
56	76	74 425	18 671,588	187 800,683	10,058	9,596
57	77	72 340	17 705,925	169 129,095	9,552	9,090
58	78	70 101	16 739,366	151 423,169	9,046	8,584
59	79	67 621	15 753,285	134 683,803	8,550	8,087
60	80	64 911	14 753,208	118 930,518	8,061	7,599
61	81	61 929	13 732,224	104 177,310	7,586	7,124
62	82	58 645	12 686,787	90 445,086	7,129	6,667
63	83	55 083	11 625,669	77 758,299	6,689	6,226
64	84	51 285	10 560,037	66 132,630	6,263	5,800
65	85	47 260	9 493,866	55 572,593	5,854	5,391
66	86	42 989	8 425,257	46 078,727	5,469	5,007
67	87	38 590	7 378,566	37 653,470	5,103	4,641
68	88	34 108	6 362,533	30 274,904	4,758	4,296
69	89	29 633	5 392,997	23 912,371	4,434	3,972
70	90	25 251	4 483,372	18 519,374	4,131	3,668
71	91	21 047	3 645,791	14 036,002	3,850	3,387
72	92	17 087	2 887,668	10 390,211	3,598	3,136
73	93	13 520	2 229,065	7 502,543	3,366	2,903
74	94	10 387	1 670,791	5 273,478	3,156	2,694
75	95	7 748	1 215,854	3 602,687	2,963	2,501
76	96	5 595	856,554	2 386,833	2,787	2,324
77	97	3 848	574,763	1 530,279	2,662	2,200
78	98	2 588	377,075	955,516	2,534	2,072
79	99	1 697	241,199	578,441	2,398	1,936
80	100	1 068	148,149	337,242	2,276	1,814

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 472	99 471,563	3 123 081,055	31,397	30,934
1	22	99 101	96 683,780	3 023 609,493	31,273	30,811
2	23	99 057	94 284,213	2 926 925,713	31,044	30,581
3	24	99 024	91 953,687	2 832 641,500	30,805	30,343
4	25	98 995	89 685,001	2 740 687,813	30,559	30,097
5	26	98 966	87 471,598	2 651 002,812	30,307	29,845
6	27	98 938	85 313,513	2 563 531,215	30,048	29,586
7	28	98 907	83 207,220	2 478 217,702	29,784	29,321
8	29	98 875	81 151,656	2 395 010,482	29,513	29,050
9	30	98 841	79 145,091	2 313 858,826	29,236	28,773
10	31	98 802	77 184,060	2 234 713,735	28,953	28,491
11	32	98 763	75 271,912	2 157 529,675	28,663	28,201
12	33	98 722	73 405,169	2 082 257,763	28,367	27,904
13	34	98 679	71 584,066	2 008 852,594	28,063	27,600
14	35	98 630	69 803,065	1 937 268,528	27,753	27,291
15	36	98 576	68 063,250	1 867 465,463	27,437	26,975
16	37	98 515	66 362,114	1 799 402,213	27,115	26,652
17	38	98 444	64 696,780	1 733 040,098	26,787	26,325
18	39	98 357	63 063,402	1 668 343,318	26,455	25,993
19	40	98 261	61 464,724	1 605 279,916	26,117	25,655
20	41	98 154	59 900,636	1 543 815,192	25,773	25,311
21	42	98 039	58 371,167	1 483 914,556	25,422	24,960
22	43	97 922	56 879,217	1 425 543,390	25,063	24,600
23	44	97 788	55 416,377	1 368 664,173	24,698	24,235
24	45	97 653	53 990,164	1 313 247,796	24,324	23,861
25	46	97 495	52 587,655	1 259 257,632	23,946	23,483
26	47	97 333	51 220,124	1 206 669,978	23,559	23,096
27	48	97 155	49 879,480	1 155 449,853	23,165	22,702
28	49	96 956	48 562,898	1 105 570,374	22,766	22,303
29	50	96 739	47 272,684	1 057 007,476	22,360	21,897
30	51	96 510	46 010,209	1 009 734,792	21,946	21,483
31	52	96 249	44 766,682	963 724,583	21,528	21,065
32	53	95 965	43 546,084	918 957,901	21,103	20,641
33	54	95 658	42 348,034	875 411,817	20,672	20,209
34	55	95 312	41 165,666	833 063,783	20,237	19,774
35	56	94 929	40 000,477	791 898,118	19,797	19,335
36	57	94 514	38 854,069	751 897,641	19,352	18,889
37	58	94 062	37 725,208	713 043,571	18,901	18,439
38	59	93 561	36 609,095	675 318,363	18,447	17,984
39	60	93 021	35 510,143	638 709,269	17,987	17,524
40	61	92 428	34 422,872	603 199,126	17,523	17,061
41	62	91 788	33 351,008	568 776,254	17,054	16,592
42	63	91 104	32 294,837	535 425,245	16,579	16,117
43	64	90 358	31 249,432	503 130,408	16,100	15,638
44	65	89 545	30 212,837	471 880,977	15,619	15,156
45	66	88 672	29 188,428	441 668,139	15,132	14,669
46	67	87 723	28 171,712	412 479,711	14,642	14,179
47	68	86 701	27 164,657	384 308,000	14,147	13,685
48	69	85 591	26 162,644	357 143,343	13,651	13,188
49	70	84 377	25 162,608	330 980,699	13,154	12,691
50	71	83 067	24 167,577	305 818,091	12,654	12,192
51	72	81 656	23 177,757	281 650,514	12,152	11,689
52	73	80 149	22 195,004	258 472,757	11,646	11,183
53	74	78 506	21 210,002	236 277,754	11,140	10,678
54	75	76 743	20 227,994	215 067,752	10,632	10,170
55	76	74 867	19 252,208	194 839,757	10,120	9,658
56	77	72 820	18 268,918	175 587,550	9,611	9,149
57	78	70 619	17 284,587	157 318,632	9,102	8,639
58	79	68 177	16 279,904	140 034,045	8,602	8,139
59	80	65 496	15 258,404	123 754,142	8,111	7,648
60	81	62 544	14 215,284	108 495,737	7,632	7,170
61	82	59 287	13 146,217	94 280,454	7,172	6,709
62	83	55 749	12 060,326	81 134,236	6,727	6,265
63	84	51 960	10 966,361	69 073,910	6,299	5,836
64	85	47 943	9 871,912	58 107,549	5,886	5,424
65	86	43 662	8 771,149	48 235,637	5,499	5,037
66	87	39 241	7 690,743	39 464,489	5,131	4,669
67	88	34 733	6 641,112	31 773,746	4,784	4,322
68	89	30 213	5 635,919	25 132,634	4,459	3,997
69	90	25 795	4 694,507	19 496,715	4,153	3,691
70	91	21 527	3 822,181	14 802,208	3,873	3,410
71	92	17 519	3 034,631	10 980,026	3,618	3,156
72	93	13 883	2 346,225	7 945,395	3,386	2,924
73	94	10 694	1 763,248	5 599,171	3,175	2,713
74	95	7 996	1 286,233	3 835,923	2,982	2,520
75	96	5 789	908,514	2 549,690	2,806	2,344
76	97	3 996	611,877	1 641,176	2,682	2,220
77	98	2 697	402,898	1 029,298	2,555	2,092
78	99	1 777	259,006	626,400	2,418	1,956
79	100	1 125	159,923	367,394	2,297	1,835

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 455	99 455,160	3 103 481,318	31,205	30,742
1	23	99 085	96 668,039	3 004 026,158	31,076	30,613
2	24	99 040	94 267,245	2 907 358,119	30,842	30,379
3	25	99 006	91 937,141	2 813 090,874	30,598	30,136
4	26	98 977	89 667,940	2 721 153,732	30,347	29,885
5	27	98 947	87 455,136	2 631 485,792	30,090	29,627
6	28	98 916	85 295,154	2 544 030,656	29,826	29,364
7	29	98 884	83 187,613	2 458 735,502	29,557	29,094
8	30	98 850	81 130,656	2 375 547,889	29,281	28,818
9	31	98 810	79 119,992	2 294 417,233	28,999	28,537
10	32	98 771	77 159,824	2 215 297,241	28,711	28,248
11	33	98 729	75 246,122	2 138 137,417	28,415	27,953
12	34	98 686	73 378,719	2 062 891,295	28,113	27,651
13	35	98 639	71 555,003	1 989 512,576	27,804	27,342
14	36	98 589	69 774,297	1 917 957,573	27,488	27,026
15	37	98 531	68 032,043	1 848 183,276	27,166	26,704
16	38	98 468	66 330,615	1 780 151,232	26,838	26,375
17	39	98 384	64 657,752	1 713 820,618	26,506	26,044
18	40	98 298	63 025,492	1 649 162,866	26,167	25,704
19	41	98 193	61 422,578	1 586 137,374	25,823	25,361
20	42	98 082	59 856,294	1 524 714,797	25,473	25,011
21	43	97 961	58 324,834	1 464 858,503	25,116	24,653
22	44	97 833	56 827,567	1 406 533,669	24,751	24,288
23	45	97 693	55 362,591	1 349 706,102	24,379	23,917
24	46	97 541	53 927,954	1 294 343,511	24,001	23,539
25	47	97 376	52 523,628	1 240 415,557	23,616	23,154
26	48	97 200	51 149,937	1 187 891,928	23,224	22,761
27	49	97 000	49 799,969	1 136 741,991	22,826	22,364
28	50	96 786	48 478,006	1 086 942,022	22,421	21,959
29	51	96 560	47 185,078	1 038 464,016	22,008	21,546
30	52	96 303	45 911,623	991 278,937	21,591	21,129
31	53	96 024	44 662,243	945 367,314	21,167	20,705
32	54	95 719	43 434,272	900 705,071	20,737	20,275
33	55	95 382	42 225,703	857 270,799	20,302	19,840
34	56	95 002	41 032,065	815 045,096	19,864	19,401
35	57	94 590	39 857,397	774 013,031	19,420	18,957
36	58	94 143	38 701,601	734 155,635	18,970	18,507
37	59	93 653	37 561,125	695 454,034	18,515	18,053
38	60	93 121	36 436,799	657 892,908	18,056	17,593
39	61	92 531	35 322,793	621 456,109	17,594	17,131
40	62	91 902	34 227,148	586 133,316	17,125	16,662
41	63	91 225	33 146,418	551 906,169	16,651	16,188
42	64	90 489	32 076,883	518 759,750	16,172	15,710
43	65	89 683	31 015,915	486 682,868	15,691	15,229
44	66	88 831	29 972,028	455 666,953	15,203	14,741
45	67	87 895	28 932,675	425 694,925	14,713	14,251
46	68	86 891	27 904,582	396 762,249	14,219	13,756
47	69	85 794	26 880,360	368 857,668	13,722	13,260
48	70	84 602	25 860,345	341 977,307	13,224	12,762
49	71	83 314	24 845,589	316 116,962	12,723	12,261
50	72	81 928	23 836,438	291 271,373	12,220	11,757
51	73	80 446	22 834,411	267 434,935	11,712	11,250
52	74	78 833	21 830,647	244 600,524	11,204	10,742
53	75	77 106	20 831,548	222 769,877	10,694	10,231
54	76	75 268	19 838,982	201 938,329	10,179	9,716
55	77	73 253	18 837,016	182 099,347	9,667	9,205
56	78	71 087	17 834,182	163 262,331	9,154	8,692
57	79	68 680	16 810,159	145 428,149	8,651	8,189
58	80	66 035	15 768,479	128 617,990	8,157	7,694
59	81	63 108	14 702,060	112 849,511	7,676	7,213
60	82	59 875	13 608,663	98 147,451	7,212	6,750
61	83	56 359	12 497,071	84 538,788	6,765	6,302
62	84	52 588	11 376,368	72 041,718	6,333	5,870
63	85	48 574	10 251,758	60 665,350	5,918	5,455
64	86	44 294	9 120,416	50 413,591	5,528	5,065
65	87	39 856	8 006,480	41 293,176	5,157	4,695
66	88	35 319	6 922,088	33 286,696	4,809	4,346
67	89	30 766	5 882,683	26 364,608	4,482	4,019
68	90	26 299	4 905,967	20 481,924	4,175	3,712
69	91	21 991	4 002,179	15 575,958	3,892	3,429
70	92	17 918	3 181,452	11 573,778	3,638	3,175
71	93	14 234	2 465,632	8 392,326	3,404	2,941
72	94	10 982	1 855,924	5 926,694	3,193	2,731
73	95	8 233	1 357,409	4 070,770	2,999	2,537
74	96	5 975	961,103	2 713,360	2,823	2,361
75	97	4 136	648,994	1 752,257	2,700	2,238
76	98	2 801	428,915	1 103,263	2,572	2,110
77	99	1 853	276,743	674,349	2,437	1,974
78	100	1 178	171,730	397,605	2,315	1,853

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 439	99 438,968	3 083 181,772	31,006	30,543
1	24	99 067	96 650,642	2 983 742,804	30,871	30,409
2	25	99 022	94 250,283	2 887 092,162	30,632	30,170
3	26	98 987	91 919,653	2 792 841,879	30,384	29,921
4	27	98 958	89 651,065	2 700 922,226	30,127	29,665
5	28	98 926	87 436,317	2 611 271,161	29,865	29,402
6	29	98 893	85 275,055	2 523 834,844	29,596	29,134
7	30	98 858	83 166,086	2 438 559,789	29,322	28,859
8	31	98 818	81 104,927	2 355 393,703	29,041	28,579
9	32	98 779	79 095,148	2 274 288,775	28,754	28,291
10	33	98 737	77 133,387	2 195 193,627	28,460	27,997
11	34	98 694	75 219,008	2 118 060,240	28,159	27,696
12	35	98 646	73 348,927	2 042 841,232	27,851	27,389
13	36	98 599	71 525,513	1 969 492,304	27,536	27,073
14	37	98 544	69 742,306	1 897 966,791	27,214	26,752
15	38	98 484	67 999,751	1 828 224,486	26,886	26,423
16	39	98 409	66 290,601	1 760 224,735	26,553	26,091
17	40	98 325	64 618,883	1 693 934,134	26,214	25,752
18	41	98 231	62 982,275	1 629 315,251	25,869	25,407
19	42	98 121	61 377,109	1 566 332,975	25,520	25,057
20	43	98 004	59 808,782	1 504 955,866	25,163	24,700
21	44	97 872	58 271,871	1 445 147,084	24,800	24,338
22	45	97 738	56 772,411	1 386 875,213	24,429	23,966
23	46	97 581	55 298,800	1 330 102,802	24,053	23,591
24	47	97 422	53 862,296	1 274 804,001	23,668	23,205
25	48	97 242	52 451,655	1 220 941,705	23,277	22,815
26	49	97 045	51 068,402	1 168 490,050	22,881	22,418
27	50	96 831	49 712,915	1 117 421,648	22,477	22,015
28	51	96 607	48 388,167	1 067 708,733	22,065	21,603
29	52	96 353	47 083,975	1 019 320,566	21,649	21,187
30	53	96 078	45 804,513	972 236,591	21,226	20,763
31	54	95 778	44 547,564	926 432,078	20,796	20,334
32	55	95 442	43 308,804	881 884,514	20,363	19,900
33	56	95 072	42 088,662	838 575,710	19,924	19,462
34	57	94 663	40 885,295	796 487,048	19,481	19,019
35	58	94 219	39 700,991	755 601,754	19,032	18,570
36	59	93 734	38 533,272	715 900,762	18,579	18,116
37	60	93 212	37 384,349	677 367,491	18,119	17,657
38	61	92 630	36 244,560	639 983,141	17,657	17,195
39	62	92 005	35 121,951	603 738,581	17,190	16,727
40	63	91 338	34 017,183	568 616,630	16,716	16,253
41	64	90 610	32 922,717	534 599,446	16,238	15,776
42	65	89 813	31 837,183	501 676,730	15,758	15,295
43	66	88 968	30 768,704	469 839,547	15,270	14,808
44	67	88 053	29 709,410	439 070,843	14,779	14,316
45	68	87 061	28 658,329	409 361,433	14,284	13,822
46	69	85 981	27 612,541	380 703,104	13,787	13,325
47	70	84 803	26 569,769	353 090,562	13,289	12,827
48	71	83 536	25 534,536	326 520,794	12,787	12,325
49	72	82 173	24 505,160	300 986,258	12,283	11,820
50	73	80 715	23 483,335	276 481,097	11,774	11,311
51	74	79 126	22 459,558	252 997,762	11,265	10,802
52	75	77 426	21 441,119	230 538,204	10,752	10,290
53	76	75 623	20 430,929	209 097,086	10,234	9,772
54	77	73 644	19 411,136	188 666,157	9,719	9,257
55	78	71 510	18 388,761	169 255,021	9,204	8,742
56	79	69 136	17 344,669	150 866,260	8,698	8,236
57	80	66 523	16 282,077	133 521,591	8,201	7,738
58	81	63 627	15 193,537	117 239,515	7,716	7,254
59	82	60 415	14 074,666	102 045,978	7,250	6,788
60	83	56 919	12 936,681	87 971,311	6,800	6,338
61	84	53 163	11 788,344	75 034,630	6,365	5,903
62	85	49 161	10 635,048	63 246,286	5,947	5,485
63	86	44 876	9 471,347	52 611,239	5,555	5,092
64	87	40 432	8 325,298	43 139,892	5,182	4,719
65	88	35 873	7 206,269	34 814,594	4,831	4,369
66	89	31 286	6 131,571	27 608,325	4,503	4,040
67	90	26 781	5 120,770	21 476,754	4,194	3,732
68	91	22 421	4 182,454	16 355,984	3,911	3,448
69	92	18 304	3 331,276	12 173,530	3,654	3,192
70	93	14 559	2 584,924	8 842,254	3,421	2,958
71	94	11 259	1 950,379	6 257,330	3,208	2,746
72	95	8 454	1 428,755	4 306,951	3,014	2,552
73	96	6 152	1 014,288	2 878,196	2,838	2,375
74	97	4 268	686,561	1 863,908	2,715	2,252
75	98	2 899	454,933	1 177,347	2,588	2,126
76	99	1 924	294,614	722,414	2,452	1,990
77	100	1 228	183,490	427,801	2,331	1,869

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 421	99 421,072	3 062 174,419	30,800	30,338
1	25	99 049	96 633,251	2 962 753,346	30,660	30,197
2	26	99 003	94 232,354	2 866 120,095	30,415	29,953
3	27	98 969	91 902,354	2 771 887,741	30,161	29,699
4	28	98 937	89 631,774	2 679 985,387	29,900	29,438
5	29	98 903	87 415,713	2 590 353,614	29,633	29,170
6	30	98 867	85 252,989	2 502 937,900	29,359	28,897
7	31	98 827	83 139,712	2 417 684,912	29,080	28,617
8	32	98 787	81 079,461	2 334 545,200	28,793	28,331
9	33	98 745	79 068,048	2 253 465,739	28,500	28,038
10	34	98 702	77 105,593	2 174 397,691	28,200	27,738
11	35	98 654	75 188,470	2 097 292,098	27,894	27,431
12	36	98 605	73 318,698	2 022 103,628	27,580	27,117
13	37	98 554	71 492,719	1 948 784,930	27,259	26,796
14	38	98 497	69 709,202	1 877 292,212	26,930	26,468
15	39	98 425	67 958,730	1 807 583,010	26,598	26,136
16	40	98 350	66 250,750	1 739 624,280	26,258	25,796
17	41	98 258	64 574,574	1 673 373,529	25,914	25,451
18	42	98 158	62 935,652	1 608 798,955	25,563	25,100
19	43	98 043	61 328,390	1 545 863,303	25,206	24,744
20	44	97 915	59 754,472	1 484 534,913	24,844	24,381
21	45	97 777	58 215,314	1 424 780,441	24,474	24,012
22	46	97 625	56 706,996	1 366 565,127	24,099	23,636
23	47	97 462	55 231,473	1 309 858,131	23,716	23,253
24	48	97 289	53 788,489	1 254 626,658	23,325	22,863
25	49	97 087	52 368,045	1 200 838,169	22,931	22,468
26	50	96 875	50 979,131	1 148 470,124	22,528	22,066
27	51	96 651	49 620,787	1 097 490,994	22,118	21,655
28	52	96 400	48 284,486	1 047 870,207	21,702	21,240
29	53	96 128	46 974,130	999 585,721	21,279	20,817
30	54	95 831	45 686,902	952 611,591	20,851	20,388
31	55	95 501	44 418,880	906 924,689	20,418	19,955
32	56	95 132	43 168,247	862 505,809	19,980	19,518
33	57	94 732	41 938,112	819 337,562	19,537	19,074
34	58	94 291	40 724,855	777 399,450	19,089	18,627
35	59	93 809	39 528,315	736 674,594	18,637	18,174
36	60	93 292	38 351,920	697 146,279	18,178	17,715
37	61	92 720	37 187,111	658 794,359	17,716	17,253
38	62	92 103	36 038,478	621 607,248	17,248	16,786
39	63	91 440	34 906,498	585 568,770	16,775	16,313
40	64	90 722	33 787,605	550 662,272	16,298	15,835
41	65	89 932	32 676,696	516 874,667	15,818	15,355
42	66	89 097	31 583,426	484 197,971	15,331	14,868
43	67	88 189	30 499,106	452 614,545	14,840	14,378
44	68	87 218	29 427,698	422 115,439	14,344	13,882
45	69	86 150	28 358,401	392 687,741	13,847	13,385
46	70	84 988	27 293,490	364 329,340	13,349	12,886
47	71	83 734	26 235,022	337 035,851	12,847	12,384
48	72	82 391	25 184,667	310 800,829	12,341	11,878
49	73	80 955	24 142,151	285 616,162	11,831	11,368
50	74	79 390	23 097,829	261 474,011	11,320	10,858
51	75	77 714	22 058,808	238 376,182	10,806	10,344
52	76	75 937	21 028,776	216 317,374	10,287	9,824
53	77	73 992	19 990,317	195 288,597	9,769	9,307
54	78	71 892	18 949,219	175 298,280	9,251	8,789
55	79	69 547	17 884,026	156 349,061	8,742	8,280
56	80	66 964	16 799,795	138 465,035	8,242	7,780
57	81	64 097	15 688,408	121 665,240	7,755	7,293
58	82	60 912	14 545,170	105 976,832	7,286	6,824
59	83	57 432	13 379,674	91 431,663	6,834	6,371
60	84	53 691	12 203,023	78 051,988	6,396	5,934
61	85	49 699	11 020,178	65 848,965	5,975	5,513
62	86	45 418	9 825,458	54 828,787	5,580	5,118
63	87	40 964	8 645,635	45 003,329	5,205	4,743
64	88	36 391	7 493,222	36 357,694	4,852	4,390
65	89	31 776	6 383,298	28 864,472	4,522	4,059
66	90	27 234	5 337,423	22 481,174	4,212	3,750
67	91	22 832	4 365,579	17 143,751	3,927	3,465
68	92	18 662	3 481,330	12 778,171	3,670	3,208
69	93	14 872	2 706,656	9 296,841	3,435	2,972
70	94	11 516	2 044,741	6 590,185	3,223	2,761
71	95	8 668	1 501,469	4 545,444	3,027	2,565
72	96	6 317	1 067,599	3 043,975	2,851	2,389
73	97	4 395	724,553	1 976,376	2,728	2,265
74	98	2 992	481,267	1 251,823	2,601	2,139
75	99	1 991	312,485	770,556	2,466	2,003
76	100	1 276	195,339	458,071	2,345	1,883

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 403	99 403,183	3 040 452,964	30,587	30,125
1	26	99 030	96 614,869	2 941 049,781	30,441	29,979
2	27	98 984	94 214,620	2 844 434,912	30,191	29,729
3	28	98 947	91 882,578	2 750 220,292	29,932	29,469
4	29	98 913	89 610,653	2 658 337,714	29,665	29,203
5	30	98 877	87 393,093	2 568 727,062	29,393	28,930
6	31	98 836	85 225,953	2 481 333,969	29,115	28,652
7	32	98 796	83 113,606	2 396 108,017	28,829	28,367
8	33	98 754	81 051,680	2 312 994,410	28,537	28,075
9	34	98 710	79 039,557	2 231 942,730	28,238	27,776
10	35	98 662	77 074,289	2 152 903,173	27,933	27,470
11	36	98 613	75 157,482	2 075 828,884	27,620	27,157
12	37	98 560	73 285,082	2 000 671,402	27,300	26,837
13	38	98 507	71 458,784	1 927 386,320	26,972	26,510
14	39	98 438	69 667,150	1 855 927,537	26,640	26,178
15	40	98 365	67 917,877	1 786 260,387	26,300	25,838
16	41	98 282	66 205,323	1 718 342,510	25,955	25,492
17	42	98 185	64 526,772	1 652 137,188	25,604	25,141
18	43	98 080	62 885,696	1 587 610,415	25,246	24,784
19	44	97 954	61 272,700	1 524 724,719	24,884	24,422
20	45	97 820	59 696,476	1 463 452,019	24,515	24,052
21	46	97 665	58 148,236	1 403 755,543	24,141	23,679
22	47	97 506	56 637,955	1 345 607,307	23,758	23,296
23	48	97 328	55 155,789	1 288 969,353	23,370	22,907
24	49	97 134	53 702,747	1 233 813,563	22,975	22,512
25	50	96 918	52 276,502	1 180 110,816	22,574	22,112
26	51	96 696	50 884,656	1 127 834,315	22,165	21,702
27	52	96 444	49 514,465	1 076 949,659	21,750	21,288
28	53	96 175	48 171,839	1 027 435,194	21,329	20,866
29	54	95 881	46 853,516	979 263,354	20,901	20,438
30	55	95 555	45 554,926	932 409,839	20,468	20,005
31	56	95 191	44 274,721	886 854,912	20,031	19,568
32	57	94 792	43 013,836	842 580,191	19,589	19,126
33	58	94 360	41 773,542	799 566,355	19,140	18,678
34	59	93 881	40 547,726	757 792,814	18,689	18,226
35	60	93 367	39 342,281	717 245,088	18,231	17,768
36	61	92 800	38 149,577	677 902,807	17,770	17,307
37	62	92 193	36 975,670	639 753,230	17,302	16,840
38	63	91 538	35 817,402	602 777,560	16,829	16,367
39	64	90 823	34 670,918	566 960,158	16,353	15,890
40	65	90 044	33 535,121	532 289,241	15,873	15,410
41	66	89 216	32 416,248	498 754,119	15,386	14,924
42	67	88 316	31 306,689	466 337,871	14,896	14,433
43	68	87 353	30 209,906	435 031,182	14,400	13,938
44	69	86 305	29 119,718	404 821,276	13,902	13,440
45	70	85 155	28 030,731	375 701,558	13,403	12,941
46	71	83 917	26 949,625	347 670,827	12,901	12,438
47	72	82 587	25 875,555	320 721,203	12,395	11,932
48	73	81 171	24 811,592	294 845,648	11,883	11,421
49	74	79 626	23 745,830	270 034,055	11,372	10,909
50	75	77 973	22 685,690	246 288,226	10,857	10,394
51	76	76 219	21 634,587	223 602,536	10,335	9,873
52	77	74 300	20 575,271	201 967,949	9,816	9,354
53	78	72 231	19 514,617	181 392,678	9,295	8,833
54	79	69 919	18 429,101	161 878,060	8,784	8,321
55	80	67 362	17 322,209	143 448,960	8,281	7,819
56	81	64 522	16 187,249	126 126,751	7,792	7,329
57	82	61 362	15 018,923	109 939,501	7,320	6,858
58	83	57 904	13 826,945	94 920,579	6,865	6,402
59	84	54 175	12 620,893	81 093,634	6,425	5,963
60	85	50 192	11 407,836	68 472,741	6,002	5,540
61	86	45 915	10 181,271	57 064,905	5,605	5,142
62	87	41 459	8 968,875	46 883,634	5,227	4,765
63	88	36 870	7 781,542	37 914,759	4,872	4,410
64	89	32 235	6 637,481	30 133,216	4,540	4,077
65	90	27 660	5 556,547	23 495,735	4,228	3,766
66	91	23 217	4 550,281	17 939,189	3,942	3,480
67	92	19 004	3 633,758	13 388,908	3,685	3,222
68	93	15 163	2 828,575	9 755,150	3,449	2,986
69	94	11 764	2 141,034	6 926,576	3,235	2,773
70	95	8 866	1 574,113	4 785,541	3,040	2,578
71	96	6 477	1 121,932	3 211,428	2,862	2,400
72	97	4 513	762,636	2 089,496	2,740	2,277
73	98	3 080	507,898	1 326,860	2,612	2,150
74	99	2 055	330,573	818,962	2,477	2,015
75	100	1 320	207,188	488,388	2,357	1,895

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1	0	99 644	97 213,438	3 291 400,972	33,857	33,395
2	1	99 317	94 531,207	3 194 187,535	33,790	33,327
3	2	99 277	92 188,308	3 099 656,327	33,623	33,161
4	3	99 254	89 918,843	3 007 468,020	33,446	32,984
5	4	99 233	87 707,309	2 917 549,177	33,265	32,802
6	5	99 213	85 551,323	2 829 841,868	33,078	32,615
7	6	99 195	83 449,684	2 744 290,545	32,886	32,423
8	7	99 178	81 400,111	2 660 840,861	32,688	32,226
9	8	99 165	79 404,263	2 579 440,750	32,485	32,022
10	9	99 150	77 455,977	2 500 036,487	32,277	31,814
11	10	99 136	75 556,197	2 422 580,510	32,063	31,601
12	11	99 123	73 703,346	2 347 024,313	31,844	31,382
13	12	99 108	71 895,194	2 273 320,966	31,620	31,158
14	13	99 091	70 129,420	2 201 425,772	31,391	30,928
15	14	99 068	68 403,219	2 131 296,353	31,158	30,695
16	15	99 043	66 718,027	2 062 893,134	30,920	30,457
17	16	99 007	65 066,732	1 996 175,107	30,679	30,216
18	17	98 965	63 452,953	1 931 108,375	30,434	29,971
19	18	98 914	61 873,173	1 867 655,422	30,185	29,723
20	19	98 855	60 328,179	1 805 782,248	29,933	29,470
21	20	98 795	58 821,060	1 745 454,069	29,674	29,212
22	21	98 736	57 352,539	1 686 633,009	29,408	28,946
23	22	98 675	55 919,090	1 629 280,471	29,136	28,674
24	23	98 619	54 523,988	1 573 361,381	28,856	28,394
25	24	98 554	53 159,307	1 518 837,393	28,571	28,109
26	25	98 493	51 830,699	1 465 678,086	28,278	27,816
27	26	98 430	50 533,718	1 413 847,387	27,978	27,516
28	27	98 366	49 269,145	1 363 313,669	27,671	27,208
29	28	98 297	48 033,815	1 314 044,524	27,357	26,894
30	29	98 222	46 826,776	1 266 010,710	27,036	26,574
31	30	98 142	45 647,197	1 219 183,934	26,709	26,246
32	31	98 050	44 492,309	1 173 536,737	26,376	25,914
33	32	97 957	43 365,989	1 129 044,428	26,035	25,573
34	33	97 852	42 262,841	1 085 678,439	25,689	25,226
35	34	97 742	41 185,464	1 043 415,598	25,335	24,872
36	35	97 623	40 132,405	1 002 230,134	24,973	24,511
37	36	97 499	39 103,792	962 097,728	24,604	24,141
38	37	97 359	38 095,186	922 993,936	24,229	23,766
39	38	97 209	37 108,731	884 898,750	23,846	23,384
40	39	97 042	36 141,495	847 790,019	23,458	22,995
41	40	96 864	35 195,182	811 648,524	23,061	22,599
42	41	96 668	34 267,452	776 453,341	22,659	22,196
43	42	96 458	33 358,781	742 185,890	22,249	21,786
44	43	96 233	32 469,248	708 827,109	21,831	21,368
45	44	95 972	31 591,646	676 357,861	21,409	20,947
46	45	95 691	30 730,893	644 766,216	20,981	20,519
47	46	95 373	29 881,554	614 035,323	20,549	20,087
48	47	95 031	29 048,295	584 153,769	20,110	19,647
49	48	94 649	28 225,812	555 105,474	19,667	19,204
50	49	94 217	27 411,792	526 879,662	19,221	18,758
51	50	93 740	26 607,718	499 467,870	18,772	18,309
52	51	93 220	25 814,721	472 860,152	18,317	17,855
53	52	92 635	25 027,069	447 045,430	17,862	17,400
54	53	91 985	24 245,262	422 018,361	17,406	16,944
55	54	91 261	23 467,752	397 773,099	16,950	16,487
56	55	90 459	22 694,250	374 305,347	16,493	16,031
57	56	89 572	21 923,499	351 611,097	16,038	15,576
58	57	88 597	21 156,004	329 687,598	15,584	15,121
59	58	87 529	20 391,322	308 531,594	15,131	14,668
60	59	86 370	19 630,424	288 140,272	14,678	14,216
61	60	85 118	18 874,100	268 509,848	14,226	13,764
62	61	83 753	18 118,394	249 635,748	13,778	13,316
63	62	82 282	17 366,097	231 517,354	13,332	12,869
64	63	80 716	16 620,067	214 151,257	12,885	12,423
65	64	79 029	15 875,728	197 531,191	12,442	11,980
66	65	77 229	15 135,710	181 655,462	12,002	11,539
67	66	75 341	14 405,591	166 519,752	11,559	11,097
68	67	73 337	13 680,384	152 114,161	11,119	10,657
69	68	71 248	12 966,595	138 433,778	10,676	10,214
70	69	69 015	12 253,821	125 467,182	10,239	9,777
71	70	66 696	11 553,265	113 213,361	9,799	9,337
72	71	64 233	10 855,248	101 660,096	9,365	8,903
73	72	61 694	10 171,876	90 804,848	8,927	8,465
74	73	59 033	9 495,730	80 632,971	8,491	8,029
75	74	56 259	8 828,795	71 137,241	8,057	7,595
76	75	53 397	8 175,335	62 308,446	7,622	7,159
77	76	50 424	7 531,762	54 133,111	7,187	6,725
78	77	47 328	6 897,007	46 601,348	6,757	6,294
79	78	44 101	6 269,992	39 704,341	6,332	5,870
80	79	40 726	5 648,925	33 434,349	5,919	5,456
81	80	37 221	5 036,830	27 785,424	5,516	5,054
82	81	33 550	4 429,265	22 748,594	5,136	4,674
83	82	29 784	3 836,267	18 319,329	4,775	4,313
84	83	26 007	3 268,049	14 483,062	4,432	3,969
85	84	22 275	2 730,852	11 215,013	4,107	3,644
86	85	18 644	2 229,915	8 484,161	3,805	3,342
87	86	15 197	1 773,332	6 254,246	3,527	3,064
88	87	12 040	1 370,626	4 480,914	3,269	2,807
89	88	9 225	1 024,577	3 110,288	3,036	2,573
90	89	6 822	739,237	2 085,711	2,821	2,359
91	90	4 860	513,812	1 346,474	2,621	2,158
92	91	3 319	342,277	832,661	2,433	1,970
93	92	2 140	215,307	490,385	2,278	1,815
94	93	1 315	129,125	275,078	2,130	1,668
95	94	760	72,743	145,953	2,006	1,544
96	95	415	38,784	73,209	1,888	1,425
97	96	210	19,159	34,426	1,797	1,334
98	97	100	8,858	15,267	1,724	1,261
99	98	45	3,872	6,409	1,655	1,193
100	99	19	1,599	2,537	1,587	1,125

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2	0	99 616	94 816,162	3 200 119,647	33,751	33,288
3	1	99 301	92 211,171	3 105 303,485	33,676	33,214
4	2	99 266	89 930,015	3 013 092,314	33,505	33,042
5	3	99 243	87 716,355	2 923 162,300	33,325	32,863
6	4	99 223	85 559,510	2 835 445,945	33,140	32,678
7	5	99 204	83 457,118	2 749 886,435	32,950	32,487
8	6	99 187	81 407,313	2 666 429,317	32,754	32,292
9	7	99 170	79 407,952	2 585 022,004	32,554	32,091
10	8	99 157	77 461,375	2 505 614,053	32,347	31,884
11	9	99 142	75 560,819	2 428 152,678	32,135	31,673
12	10	99 129	73 707,658	2 352 591,859	31,918	31,455
13	11	99 116	71 900,754	2 278 884,201	31,695	31,232
14	12	99 099	70 134,927	2 206 983,447	31,468	31,005
15	13	99 078	68 409,664	2 136 848,520	31,236	30,774
16	14	99 052	66 724,179	2 068 438,855	31,000	30,537
17	15	99 019	65 074,650	2 001 714,676	30,760	30,298
18	16	98 980	63 462,298	1 936 640,027	30,516	30,054
19	17	98 927	61 881,599	1 873 177,729	30,270	29,808
20	18	98 874	60 340,067	1 811 296,130	30,018	29,556
21	19	98 812	58 831,343	1 750 956,063	29,762	29,300
22	20	98 755	57 363,144	1 692 124,720	29,498	29,036
23	21	98 692	55 928,312	1 634 761,576	29,230	28,767
24	22	98 635	54 532,867	1 578 833,264	28,952	28,490
25	23	98 572	53 168,875	1 524 300,397	28,669	28,207
26	24	98 511	51 840,027	1 471 131,521	28,378	27,916
27	25	98 448	50 543,332	1 419 291,495	28,081	27,618
28	26	98 384	49 278,419	1 368 748,162	27,776	27,313
29	27	98 318	48 044,153	1 319 469,743	27,464	27,001
30	28	98 245	46 837,812	1 271 425,590	27,145	26,683
31	29	98 167	45 659,012	1 224 587,778	26,820	26,358
32	30	98 081	44 506,423	1 178 928,766	26,489	26,027
33	31	97 988	43 379,611	1 134 422,342	26,151	25,689
34	32	97 886	42 277,326	1 091 042,732	25,807	25,344
35	33	97 777	41 200,310	1 048 765,406	25,455	24,993
36	34	97 663	40 148,705	1 007 565,096	25,096	24,633
37	35	97 540	39 119,915	967 416,390	24,730	24,267
38	36	97 404	38 112,661	928 296,475	24,357	23,894
39	37	97 255	37 126,354	890 183,815	23,977	23,515
40	38	97 101	36 163,311	853 057,461	23,589	23,127
41	39	96 922	35 216,352	816 894,150	23,196	22,734
42	40	96 735	34 290,965	781 677,798	22,795	22,333
43	41	96 529	33 383,493	747 386,833	22,388	21,925
44	42	96 309	32 495,041	714 003,340	21,973	21,510
45	43	96 060	31 620,359	681 508,299	21,553	21,090
46	44	95 784	30 760,748	649 887,940	21,127	20,665
47	45	95 483	29 916,025	619 127,192	20,696	20,233
48	46	95 147	29 083,705	589 211,167	20,259	19,797
49	47	94 779	28 264,543	560 127,462	19,817	19,355
50	48	94 368	27 455,557	531 862,919	19,372	18,909
51	49	93 904	26 654,311	504 407,362	18,924	18,462
52	50	93 393	25 862,650	477 753,050	18,473	18,010
53	51	92 834	25 080,810	451 890,400	18,017	17,555
54	52	92 200	24 301,958	426 809,590	17,563	17,100
55	53	91 496	23 528,164	402 507,632	17,107	16,645
56	54	90 721	22 759,997	378 979,468	16,651	16,189
57	55	89 863	21 994,883	356 219,471	16,196	15,733
58	56	88 915	21 231,950	334 224,589	15,742	15,279
59	57	87 874	20 471,655	312 992,638	15,289	14,827
60	58	86 747	19 716,177	292 520,983	14,837	14,374
61	59	85 521	18 963,348	272 804,806	14,386	13,923
62	60	84 197	18 214,493	253 841,457	13,936	13,474
63	61	82 753	17 465,403	235 626,964	13,491	13,029
64	62	81 214	16 722,651	218 161,561	13,046	12,583
65	63	79 566	15 983,600	201 438,911	12,603	12,140
66	64	77 810	15 249,665	185 455,310	12,161	11,699
67	65	75 946	14 521,333	170 205,645	11,721	11,259
68	66	73 985	13 801,312	155 684,312	11,280	10,818
69	67	71 930	13 090,724	141 883,000	10,838	10,376
70	68	69 745	12 383,422	128 792,276	10,400	9,938
71	69	67 476	11 688,319	116 408,854	9,959	9,497
72	70	65 053	10 993,756	104 720,534	9,525	9,063
73	71	62 551	10 313,185	93 726,778	9,088	8,626
74	72	59 921	9 638,511	83 413,593	8,654	8,192
75	73	57 198	8 976,149	73 775,082	8,219	7,757
76	74	54 367	8 323,859	64 798,933	7,785	7,322
77	75	51 412	7 679,449	56 475,073	7,354	6,892
78	76	48 372	7 049,026	48 795,625	6,922	6,460
79	77	45 176	6 422,833	41 746,599	6,500	6,037
80	78	41 876	5 808,352	35 323,766	6,082	5,619
81	79	38 428	5 200,191	29 515,413	5,676	5,213
82	80	34 819	4 596,874	24 315,222	5,290	4,827
83	81	31 112	4 007,273	19 718,348	4,921	4,458
84	82	27 358	3 437,804	15 711,075	4,570	4,108
85	83	23 615	2 895,033	12 273,270	4,239	3,777
86	84	19 944	2 385,352	9 378,237	3,932	3,469
87	85	16 450	1 919,450	6 992,886	3,643	3,181
88	86	13 190	1 501,530	5 073,436	3,379	2,916
89	87	10 249	1 138,350	3 571,906	3,138	2,675
90	88	7 702	834,543	2 433,556	2,916	2,454
91	89	5 584	590,262	1 599,013	2,709	2,247
92	90	3 893	401,486	1 008,751	2,513	2,050
93	91	2 571	258,669	607,265	2,348	1,885
94	92	1 619	158,924	348,596	2,193	1,731
95	93	960	91,961	189,672	2,063	1,600
96	94	539	50,379	97,712	1,940	1,477
97	95	281	25,640	47,333	1,846	1,384
98	96	139	12,400	21,693	1,749	1,287
99	97	64	5,523	9,293	1,682	1,220
100	98	27	2,328	3,769	1,619	1,157

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 601	92 489,132	3 110 795,328	33,634	33,172
4	1	99 291	89 952,317	3 018 306,196	33,555	33,092
5	2	99 255	87 727,253	2 928 353,878	33,380	32,918
6	3	99 233	85 568,335	2 840 626,626	33,197	32,735
7	4	99 214	83 465,104	2 755 058,291	33,009	32,546
8	5	99 196	81 414,565	2 671 593,187	32,815	32,352
9	6	99 178	79 414,977	2 590 178,622	32,616	32,153
10	7	99 162	77 464,974	2 510 763,645	32,412	31,949
11	8	99 149	75 566,085	2 433 298,671	32,201	31,739
12	9	99 135	73 712,167	2 357 732,586	31,986	31,523
13	10	99 122	71 904,960	2 284 020,419	31,764	31,302
14	11	99 106	70 140,351	2 212 115,459	31,538	31,076
15	12	99 085	68 415,036	2 141 975,109	31,309	30,846
16	13	99 062	66 730,466	2 073 560,072	31,074	30,611
17	14	99 028	65 080,650	2 006 829,606	30,836	30,374
18	15	98 992	63 470,020	1 941 748,955	30,593	30,131
19	16	98 942	61 890,712	1 878 278,936	30,348	29,886
20	17	98 888	60 348,284	1 816 388,223	30,098	29,636
21	18	98 832	58 842,936	1 756 039,939	29,843	29,380
22	19	98 772	57 373,172	1 697 197,003	29,582	29,119
23	20	98 710	55 938,654	1 639 823,831	29,315	28,852
24	21	98 651	54 541,861	1 583 885,177	29,040	28,577
25	22	98 588	53 177,533	1 529 343,316	28,759	28,297
26	23	98 529	51 849,358	1 476 165,783	28,470	28,008
27	24	98 466	50 552,429	1 424 316,425	28,175	27,713
28	25	98 403	49 287,795	1 373 763,997	27,872	27,410
29	26	98 336	48 053,196	1 324 476,202	27,563	27,100
30	27	98 267	46 847,893	1 276 423,005	27,246	26,784
31	28	98 190	45 669,774	1 229 575,112	26,923	26,461
32	29	98 107	44 517,943	1 183 905,338	26,594	26,131
33	30	98 019	43 393,372	1 139 387,395	26,257	25,795
34	31	97 916	42 290,605	1 095 994,023	25,916	25,453
35	32	97 810	41 214,431	1 053 703,418	25,566	25,104
36	33	97 698	40 163,177	1 012 488,986	25,209	24,747
37	34	97 579	39 135,804	972 325,809	24,845	24,382
38	35	97 444	38 128,375	933 190,005	24,475	24,013
39	36	97 300	37 143,384	895 061,630	24,097	23,635
40	37	97 147	36 180,484	857 918,246	23,712	23,250
41	38	96 981	35 237,609	821 737,762	23,320	22,857
42	39	96 793	34 311,591	786 500,153	22,922	22,460
43	40	96 595	33 406,400	752 188,562	22,516	22,054
44	41	96 380	32 519,113	718 782,162	22,103	21,641
45	42	96 136	31 645,478	686 263,048	21,686	21,224
46	43	95 871	30 788,706	654 617,570	21,262	20,799
47	44	95 576	29 945,089	623 828,864	20,832	20,370
48	45	95 257	29 117,255	593 883,775	20,396	19,934
49	46	94 894	28 298,998	564 766,521	19,957	19,495
50	47	94 497	27 493,231	536 467,523	19,513	19,050
51	48	94 054	26 696,868	508 974,291	19,065	18,603
52	49	93 556	25 907,939	482 277,424	18,615	18,153
53	50	93 006	25 127,376	456 369,485	18,162	17,700
54	51	92 398	24 354,142	431 242,109	17,707	17,245
55	52	91 710	23 583,183	406 887,968	17,253	16,791
56	53	90 955	22 818,587	383 304,785	16,798	16,335
57	54	90 124	22 058,603	360 486,197	16,342	15,880
58	55	89 204	21 301,082	338 427,594	15,888	15,425
59	56	88 190	20 545,144	317 126,512	15,436	14,973
60	57	87 089	19 793,851	296 581,368	14,984	14,521
61	58	85 894	19 046,188	276 787,517	14,532	14,070
62	59	84 595	18 300,622	257 741,328	14,084	13,621
63	60	83 192	17 558,039	239 440,706	13,637	13,175
64	61	81 679	16 818,278	221 882,668	13,193	12,731
65	62	80 057	16 082,256	205 064,390	12,751	12,289
66	63	78 339	15 353,283	188 982,134	12,309	11,846
67	64	76 518	14 630,663	173 628,851	11,867	11,405
68	65	74 579	13 912,199	158 998,188	11,429	10,966
69	66	72 566	13 206,440	145 085,990	10,986	10,524
70	67	70 412	12 501,969	131 879,549	10,549	10,086
71	68	68 189	11 811,939	119 377,581	10,107	9,644
72	69	65 813	11 122,269	107 565,641	9,671	9,209
73	70	63 349	10 444,777	96 443,372	9,234	8,771
74	71	60 753	9 772,410	85 998,595	8,800	8,338
75	72	58 058	9 111,118	76 226,185	8,366	7,904
76	73	55 275	8 462,786	67 115,067	7,931	7,468
77	74	52 346	7 818,964	58 652,281	7,501	7,039
78	75	49 320	7 187,247	50 833,318	7,073	6,610
79	76	46 172	6 564,401	43 646,071	6,649	6,186
80	77	42 896	5 949,940	37 081,670	6,232	5,770
81	78	39 513	5 346,955	31 131,730	5,822	5,360
82	79	35 949	4 745,966	25 784,776	5,433	4,971
83	80	32 289	4 158,914	21 038,810	5,059	4,596
84	81	28 578	3 591,048	16 879,896	4,701	4,238
85	82	24 841	3 045,413	13 288,848	4,364	3,901
86	83	21 143	2 528,761	10 243,435	4,051	3,588
87	84	17 596	2 053,246	7 714,674	3,757	3,295
88	85	14 276	1 625,251	5 661,429	3,483	3,021
89	86	11 228	1 247,070	4 036,177	3,237	2,774
90	87	8 557	927,214	2 789,108	3,008	2,546
91	88	6 304	666,362	1 861,893	2,794	2,332
92	89	4 472	461,223	1 195,532	2,592	2,130
93	90	3 015	303,415	734,309	2,420	1,958
94	91	1 945	190,930	430,894	2,257	1,794
95	92	1 182	113,183	239,963	2,120	1,658
96	93	682	63,688	126,781	1,991	1,528
97	94	365	33,305	63,092	1,894	1,432
98	95	187	16,595	29,787	1,795	1,333
99	96	89	7,732	13,192	1,706	1,244
100	97	39	3,321	5,460	1,644	1,182

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4	0	99 590	90 223,470	3 023 383,699	33,510	33,048
5	1	99 280	87 749,009	2 933 160,229	33,427	32,964
6	2	99 245	85 578,966	2 845 411,220	33,249	32,787
7	3	99 224	83 473,713	2 759 832,254	33,062	32,600
8	4	99 205	81 422,356	2 676 358,541	32,870	32,408
9	5	99 187	79 422,051	2 594 936,185	32,673	32,210
10	6	99 170	77 471,827	2 515 514,134	32,470	32,008
11	7	99 154	75 569,596	2 438 042,307	32,262	31,800
12	8	99 142	73 717,304	2 362 472,711	32,048	31,585
13	9	99 128	71 909,359	2 288 755,407	31,828	31,366
14	10	99 112	70 144,454	2 216 846,048	31,604	31,142
15	11	99 093	68 420,327	2 146 701,594	31,375	30,913
16	12	99 070	66 735,707	2 078 281,267	31,142	30,680
17	13	99 037	65 086,783	2 011 545,561	30,906	30,443
18	14	99 001	63 475,873	1 946 458,778	30,665	30,202
19	15	98 954	61 898,244	1 882 982,905	30,421	29,958
20	16	98 902	60 357,171	1 821 084,662	30,172	29,709
21	17	98 845	58 850,950	1 760 727,491	29,918	29,456
22	18	98 791	57 384,478	1 701 876,541	29,657	29,195
23	19	98 727	55 948,433	1 644 492,063	29,393	28,931
24	20	98 670	54 551,946	1 588 543,630	29,120	28,657
25	21	98 604	53 186,303	1 533 991,684	28,842	28,379
26	22	98 545	51 857,801	1 480 805,380	28,555	28,093
27	23	98 484	50 561,528	1 428 947,580	28,262	27,799
28	24	98 421	49 296,665	1 378 386,052	27,961	27,499
29	25	98 355	48 062,339	1 329 089,387	27,653	27,191
30	26	98 285	46 856,712	1 281 027,048	27,339	26,877
31	27	98 211	45 679,603	1 234 170,336	27,018	26,556
32	28	98 130	44 528,436	1 188 490,733	26,691	26,228
33	29	98 045	43 404,604	1 143 962,297	26,356	25,893
34	30	97 947	42 304,021	1 100 557,693	26,015	25,553
35	31	97 841	41 227,377	1 058 253,672	25,669	25,206
36	32	97 732	40 176,943	1 017 026,295	25,314	24,851
37	33	97 614	39 149,911	976 849,352	24,952	24,489
38	34	97 484	38 143,861	937 699,441	24,583	24,121
39	35	97 340	37 158,698	899 555,580	24,208	23,746
40	36	97 191	36 197,080	862 396,882	23,825	23,363
41	37	97 027	35 254,343	826 199,801	23,435	22,973
42	38	96 851	34 332,302	790 945,458	23,038	22,576
43	39	96 653	33 426,494	756 613,156	22,635	22,173
44	40	96 447	32 541,427	723 186,662	22,224	21,761
45	41	96 207	31 668,921	690 645,235	21,808	21,346
46	42	95 948	30 813,165	658 976,314	21,386	20,924
47	43	95 663	29 972,305	628 163,149	20,958	20,496
48	44	95 349	29 145,543	598 190,843	20,524	20,062
49	45	95 004	28 331,642	569 045,301	20,085	19,623
50	46	94 612	27 526,746	540 713,658	19,643	19,181
51	47	94 183	26 733,501	513 186,913	19,196	18,734
52	48	93 706	25 949,304	486 453,412	18,746	18,284
53	49	93 169	25 171,377	460 504,109	18,295	17,832
54	50	92 569	24 399,359	435 332,732	17,842	17,380
55	51	91 907	23 633,823	410 933,373	17,388	16,925
56	52	91 167	22 871,947	387 299,550	16,933	16,471
57	53	90 356	22 115,388	364 427,603	16,478	16,016
58	54	89 463	21 362,792	342 312,215	16,024	15,561
59	55	88 477	20 612,040	320 949,422	15,571	15,109
60	56	87 401	19 864,907	300 337,383	15,119	14,657
61	57	86 233	19 121,222	280 472,476	14,668	14,206
62	58	84 965	18 380,567	261 351,253	14,219	13,756
63	59	83 585	17 641,064	242 970,686	13,773	13,311
64	60	82 112	16 907,481	225 329,623	13,327	12,865
65	61	80 515	16 174,220	208 422,142	12,886	12,424
66	62	78 822	15 448,048	192 247,921	12,445	11,982
67	63	77 038	14 730,075	176 799,873	12,003	11,540
68	64	75 141	14 016,943	162 069,799	11,562	11,100
69	65	73 149	13 312,547	148 052,856	11,121	10,659
70	66	71 035	12 612,481	134 740,309	10,683	10,221
71	67	68 842	11 925,015	122 127,828	10,241	9,779
72	68	66 509	11 239,903	110 202,813	9,805	9,342
73	69	64 090	10 566,873	98 962,911	9,365	8,903
74	70	61 528	9 897,102	88 396,038	8,932	8,469
75	71	58 864	9 237,691	78 498,936	8,498	8,035
76	72	56 106	8 590,035	69 261,246	8,063	7,601
77	73	53 220	7 949,464	60 671,210	7,632	7,170
78	74	50 216	7 317,820	52 721,747	7,205	6,742
79	75	47 078	6 693,118	45 403,927	6,784	6,321
80	76	43 842	6 081,084	38 710,809	6,366	5,903
81	77	40 476	5 477,295	32 629,724	5,957	5,495
82	78	36 963	4 879,910	27 152,429	5,564	5,102
83	79	33 337	4 293,801	22 272,520	5,187	4,725
84	80	29 659	3 726,938	17 978,719	4,824	4,362
85	81	25 949	3 181,165	14 251,781	4,480	4,018
86	82	22 241	2 660,115	11 070,615	4,162	3,699
87	83	18 654	2 176,689	8 410,500	3,864	3,401
88	84	15 272	1 738,540	6 233,812	3,586	3,123
89	85	12 154	1 349,825	4 495,272	3,330	2,868
90	86	9 374	1 015,769	3 145,447	3,097	2,634
91	87	7 003	740,357	2 129,678	2,877	2,414
92	88	5 049	520,686	1 389,321	2,668	2,206
93	89	3 464	348,560	868,635	2,492	2,030
94	90	2 281	223,959	520,075	2,322	1,860
95	91	1 420	135,977	296,116	2,178	1,715
96	92	839	78,386	160,139	2,043	1,581
97	93	462	42,104	81,753	1,942	1,479
98	94	242	21,556	39,649	1,839	1,377
99	95	119	10,348	18,093	1,748	1,286
100	96	55	4,648	7,745	1,666	1,204

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5	0	99 579	88 013,520	2 937 849,495	33,380	32,917
6	1	99 270	85 600,189	2 849 835,975	33,292	32,830
7	2	99 236	83 484,084	2 764 235,786	33,111	32,649
8	3	99 215	81 430,754	2 680 751,702	32,921	32,458
9	4	99 197	79 429,652	2 599 320,948	32,725	32,262
10	5	99 179	77 478,729	2 519 891,297	32,524	32,061
11	6	99 163	75 576,281	2 442 412,568	32,317	31,855
12	7	99 146	73 720,729	2 366 836,287	32,105	31,643
13	8	99 135	71 914,370	2 293 115,558	31,887	31,424
14	9	99 118	70 148,745	2 221 201,188	31,664	31,202
15	10	99 099	68 424,330	2 151 052,443	31,437	30,975
16	11	99 077	66 740,867	2 082 628,113	31,205	30,742
17	12	99 045	65 091,894	2 015 887,246	30,970	30,507
18	13	99 010	63 481,854	1 950 795,352	30,730	30,268
19	14	98 963	61 903,951	1 887 313,498	30,488	30,025
20	15	98 914	60 364,516	1 825 409,547	30,240	29,777
21	16	98 860	58 859,616	1 765 045,031	29,987	29,525
22	17	98 805	57 392,293	1 706 185,415	29,728	29,266
23	18	98 747	55 959,458	1 648 793,122	29,464	29,002
24	19	98 687	54 561,483	1 592 833,664	29,193	28,731
25	20	98 623	53 196,138	1 538 272,181	28,917	28,455
26	21	98 561	51 866,353	1 485 076,043	28,633	28,170
27	22	98 500	50 569,761	1 433 209,689	28,341	27,879
28	23	98 438	49 305,538	1 382 639,928	28,042	27,580
29	24	98 373	48 070,989	1 333 334,390	27,737	27,274
30	25	98 304	46 865,627	1 285 263,401	27,424	26,962
31	26	98 230	45 688,202	1 238 397,774	27,105	26,643
32	27	98 151	44 538,020	1 192 709,573	26,780	26,317
33	28	98 068	43 414,834	1 148 171,553	26,447	25,984
34	29	97 973	42 314,971	1 104 756,719	26,108	25,646
35	30	97 872	41 240,455	1 062 441,748	25,762	25,300
36	31	97 763	40 189,563	1 021 201,293	25,410	24,947
37	32	97 648	39 163,329	981 011,730	25,049	24,587
38	33	97 519	38 157,610	941 848,401	24,683	24,221
39	34	97 380	37 173,791	903 690,790	24,310	23,847
40	35	97 232	36 212,005	866 517,000	23,929	23,467
41	36	97 071	35 270,515	830 304,995	23,541	23,079
42	37	96 897	34 348,606	795 034,480	23,146	22,684
43	38	96 712	33 446,671	760 685,874	22,743	22,281
44	39	96 505	32 561,001	727 239,203	22,335	21,872
45	40	96 273	31 690,651	694 678,202	21,921	21,458
46	41	96 019	30 835,991	662 987,551	21,500	21,038
47	42	95 739	29 996,115	632 151,560	21,074	20,612
48	43	95 436	29 172,033	602 155,445	20,642	20,179
49	44	95 096	28 359,167	572 983,412	20,205	19,742
50	45	94 722	27 558,499	544 624,245	19,762	19,300
51	46	94 298	26 766,089	517 065,745	19,318	18,856
52	47	93 834	25 984,911	490 299,656	18,869	18,406
53	48	93 318	25 211,566	464 314,746	18,417	17,954
54	49	92 731	24 442,085	439 103,180	17,965	17,503
55	50	92 077	23 677,703	414 661,095	17,513	17,050
56	51	91 363	22 921,060	390 983,393	17,058	16,595
57	52	90 567	22 167,103	368 062,333	16,604	16,142
58	53	89 693	21 417,786	345 895,229	16,150	15,687
59	54	88 733	20 671,754	324 477,443	15,697	15,234
60	55	87 686	19 929,587	303 805,689	15,244	14,782
61	56	86 542	19 189,864	283 876,101	14,793	14,331
62	57	85 299	18 452,979	264 686,238	14,344	13,881
63	58	83 950	17 718,127	246 233,259	13,897	13,435
64	59	82 500	16 987,430	228 515,132	13,452	12,990
65	60	80 942	16 260,008	211 527,702	13,009	12,547
66	61	79 273	15 536,386	195 267,694	12,568	12,106
67	62	77 513	14 820,993	179 731,308	12,127	11,664
68	63	75 651	14 112,184	164 910,315	11,686	11,223
69	64	73 700	13 412,777	150 798,131	11,243	10,780
70	65	71 606	12 713,815	137 385,354	10,806	10,344
71	66	69 451	12 030,427	124 671,539	10,363	9,901
72	67	67 146	11 347,502	112 641,112	9,927	9,464
73	68	64 768	10 678,632	101 293,610	9,486	9,023
74	69	62 247	10 012,795	90 614,978	9,050	8,587
75	70	59 616	9 355,559	80 602,183	8,615	8,153
76	71	56 885	8 709,369	71 246,623	8,180	7,718
77	72	54 020	8 068,994	62 537,254	7,750	7,288
78	73	51 054	7 439,955	54 468,260	7,321	6,859
79	74	47 933	6 814,715	47 028,305	6,901	6,439
80	75	44 702	6 200,325	40 213,590	6,486	6,023
81	76	41 368	5 598,022	34 013,265	6,076	5,614
82	77	37 864	4 998,865	28 415,243	5,684	5,222
83	78	34 278	4 414,984	23 416,378	5,304	4,841
84	79	30 621	3 847,815	19 001,395	4,938	4,476
85	80	26 931	3 301,545	15 153,580	4,590	4,127
86	81	23 232	2 778,692	11 852,035	4,265	3,803
87	82	19 623	2 289,754	9 073,343	3,963	3,500
88	83	16 190	1 843,063	6 783,588	3,681	3,218
89	84	13 001	1 443,915	4 940,526	3,422	2,959
90	85	10 147	1 099,465	3 496,611	3,180	2,718
91	86	7 672	811,066	2 397,146	2,956	2,493
92	87	5 609	578,505	1 586,080	2,742	2,279
93	88	3 911	393,498	1 007,574	2,561	2,098
94	89	2 621	257,282	614,076	2,387	1,924
95	90	1 665	159,499	356,795	2,237	1,775
96	91	1 008	94,172	197,295	2,095	1,633
97	92	568	51,821	103,123	1,990	1,528
98	93	306	27,251	51,302	1,883	1,420
99	94	155	13,442	24,051	1,789	1,327
100	95	73	6,221	10,610	1,705	1,243

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	85 858,223	2 854 162,935	33,243	32,780
7	1	99 261	83 504,788	2 768 304,712	33,151	32,689
8	2	99 228	81 440,871	2 684 799,924	32,966	32,504
9	3	99 207	79 437,844	2 603 359,054	32,772	32,310
10	4	99 189	77 486,143	2 523 921,209	32,573	32,110
11	5	99 171	75 583,014	2 446 435,067	32,368	31,905
12	6	99 155	73 727,251	2 370 852,052	32,157	31,695
13	7	99 139	71 917,711	2 297 124,802	31,941	31,479
14	8	99 125	70 153,634	2 225 207,091	31,719	31,257
15	9	99 105	68 428,516	2 155 053,457	31,494	31,031
16	10	99 083	66 744,772	2 086 624,941	31,263	30,800
17	11	99 053	65 096,928	2 019 880,170	31,029	30,566
18	12	99 018	63 486,839	1 954 783,242	30,790	30,328
19	13	98 972	61 909,784	1 891 296,403	30,549	30,087
20	14	98 923	60 370,082	1 829 386,619	30,303	29,840
21	15	98 872	58 866,779	1 769 016,537	30,051	29,589
22	16	98 819	57 400,745	1 710 149,758	29,793	29,331
23	17	98 760	55 967,079	1 652 749,014	29,531	29,068
24	18	98 706	54 572,235	1 596 781,935	29,260	28,798
25	19	98 640	53 205,438	1 542 209,700	28,986	28,524
26	20	98 579	51 875,944	1 489 004,262	28,703	28,241
27	21	98 516	50 578,101	1 437 128,318	28,414	27,952
28	22	98 454	49 313,567	1 386 550,217	28,117	27,655
29	23	98 391	48 079,641	1 337 236,650	27,813	27,351
30	24	98 322	46 874,061	1 289 157,008	27,503	27,040
31	25	98 249	45 696,894	1 242 282,947	27,185	26,723
32	26	98 169	44 546,403	1 196 586,053	26,862	26,399
33	27	98 089	43 424,178	1 152 039,650	26,530	26,067
34	28	97 996	42 324,945	1 108 615,472	26,193	25,731
35	29	97 897	41 251,130	1 066 290,527	25,849	25,386
36	30	97 794	40 202,312	1 025 039,397	25,497	25,035
37	31	97 679	39 175,630	984 837,085	25,139	24,677
38	32	97 552	38 170,689	945 661,455	24,775	24,312
39	33	97 415	37 187,190	907 490,766	24,403	23,941
40	34	97 271	36 226,712	870 303,575	24,024	23,561
41	35	97 111	35 285,057	834 076,863	23,638	23,176
42	36	96 942	34 364,362	798 791,806	23,245	22,782
43	37	96 758	33 462,554	764 427,444	22,844	22,382
44	38	96 563	32 580,655	730 964,890	22,436	21,973
45	39	96 331	31 709,713	698 384,234	22,024	21,562
46	40	96 085	30 857,150	666 674,521	21,605	21,143
47	41	95 809	30 018,336	635 817,371	21,181	20,719
48	42	95 512	29 195,207	605 799,035	20,750	20,288
49	43	95 183	28 384,943	576 603,828	20,314	19,851
50	44	94 814	27 585,273	548 218,885	19,874	19,411
51	45	94 407	26 796,965	520 633,612	19,429	18,966
52	46	93 949	26 016,586	493 836,647	18,982	18,519
53	47	93 446	25 246,160	467 820,061	18,530	18,068
54	48	92 879	24 481,109	442 573,900	18,078	17,616
55	49	92 238	23 719,165	418 092,791	17,627	17,164
56	50	91 533	22 963,616	394 373,626	17,174	16,711
57	51	90 761	22 214,703	371 410,010	16,719	16,257
58	52	89 903	21 467,870	349 195,307	16,266	15,804
59	53	88 961	20 724,969	327 727,437	15,813	15,351
60	54	87 940	19 987,325	307 002,468	15,360	14,897
61	55	86 824	19 252,346	287 015,143	14,908	14,446
62	56	85 606	18 519,221	267 762,797	14,459	13,996
63	57	84 281	17 787,929	249 243,575	14,012	13,550
64	58	82 861	17 061,638	231 455,646	13,566	13,103
65	59	81 324	16 336,895	214 394,008	13,123	12,661
66	60	79 693	15 618,790	198 057,113	12,681	12,218
67	61	77 957	14 905,745	182 438,323	12,239	11,777
68	62	76 118	14 199,289	167 532,578	11,799	11,336
69	63	74 200	13 503,913	153 333,289	11,355	10,892
70	64	72 145	12 809,537	139 829,375	10,916	10,454
71	65	70 009	12 127,085	127 019,839	10,474	10,012
72	66	67 739	11 447,809	114 892,754	10,036	9,574
73	67	65 388	10 780,859	103 444,945	9,595	9,133
74	68	62 906	10 118,694	92 664,086	9,158	8,695
75	69	60 312	9 464,923	82 545,392	8,721	8,259
76	70	57 611	8 820,497	73 080,469	8,285	7,823
77	71	54 771	8 181,090	64 259,973	7,855	7,392
78	72	51 822	7 551,825	56 078,883	7,426	6,963
79	73	48 733	6 928,453	48 527,058	7,004	6,542
80	74	45 514	6 312,968	41 598,605	6,589	6,127
81	75	42 179	5 707,790	35 285,636	6,182	5,720
82	76	38 699	5 109,047	29 577,846	5,789	5,327
83	77	35 113	4 522,606	24 468,799	5,410	4,948
84	78	31 485	3 956,411	19 946,194	5,041	4,579
85	79	27 804	3 408,625	15 989,783	4,691	4,229
86	80	24 111	2 883,842	12 581,158	4,363	3,900
87	81	20 498	2 391,823	9 697,317	4,054	3,592
88	82	17 031	1 938,799	7 305,494	3,768	3,306
89	83	13 782	1 530,724	5 366,696	3,506	3,044
90	84	10 854	1 176,104	3 835,971	3,262	2,799
91	85	8 305	877,895	2 659,867	3,030	2,567
92	86	6 145	633,756	1 781,972	2,812	2,349
93	87	4 345	437,194	1 148,216	2,626	2,164
94	88	2 959	290,452	711,022	2,448	1,986
95	89	1 913	183,231	420,570	2,295	1,833
96	90	1 182	110,463	237,339	2,149	1,686
97	91	683	62,257	126,876	2,038	1,576
98	92	377	33,540	64,619	1,927	1,464
99	93	196	16,993	31,079	1,829	1,367
100	94	95	8,081	14,087	1,743	1,281

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 560	83 756,505	2 772 294,801	33,099	32,637
8	1	99 252	81 461,068	2 688 538,296	33,004	32,542
9	2	99 219	79 447,713	2 607 077,227	32,815	32,353
10	3	99 199	77 494,135	2 527 629,514	32,617	32,155
11	4	99 181	75 590,247	2 450 135,379	32,413	31,951
12	5	99 164	73 733,819	2 374 545,132	32,204	31,742
13	6	99 148	71 924,073	2 300 811,313	31,989	31,527
14	7	99 130	70 156,893	2 228 887,240	31,770	31,308
15	8	99 112	68 433,284	2 158 730,347	31,545	31,083
16	9	99 089	66 748,855	2 090 297,062	31,316	30,853
17	10	99 058	65 100,736	2 023 548,208	31,083	30,621
18	11	99 025	63 491,749	1 958 447,472	30,846	30,383
19	12	98 980	61 914,646	1 894 955,723	30,606	30,144
20	13	98 933	60 375,770	1 833 041,077	30,361	29,898
21	14	98 881	58 872,207	1 772 665,307	30,110	29,648
22	15	98 832	57 407,729	1 713 793,100	29,853	29,391
23	16	98 775	55 975,321	1 656 385,371	29,591	29,129
24	17	98 720	54 579,666	1 600 410,050	29,322	28,860
25	18	98 659	53 215,922	1 545 830,383	29,048	28,586
26	19	98 597	51 885,013	1 492 614,461	28,768	28,305
27	20	98 534	50 587,454	1 440 729,448	28,480	28,018
28	21	98 471	49 321,700	1 390 141,994	28,185	27,723
29	22	98 407	48 087,470	1 340 820,294	27,883	27,421
30	23	98 339	46 882,498	1 292 732,823	27,574	27,111
31	24	98 266	45 705,118	1 245 850,325	27,258	26,796
32	25	98 188	44 554,879	1 200 145,207	26,936	26,474
33	26	98 107	43 432,352	1 155 590,328	26,607	26,144
34	27	98 017	42 334,054	1 112 157,976	26,271	25,809
35	28	97 920	41 260,853	1 069 823,922	25,928	25,466
36	29	97 819	40 212,718	1 028 563,069	25,578	25,116
37	30	97 709	39 188,058	988 350,351	25,221	24,758
38	31	97 583	38 182,678	949 162,293	24,858	24,396
39	32	97 448	37 199,936	910 979,615	24,489	24,026
40	33	97 306	36 239,771	873 779,679	24,111	23,649
41	34	97 151	35 299,388	837 539,908	23,727	23,264
42	35	96 982	34 378,531	802 240,520	23,336	22,873
43	36	96 802	33 477,904	767 861,989	22,936	22,474
44	37	96 609	32 596,127	734 384,085	22,530	22,067
45	38	96 389	31 728,854	701 787,958	22,118	21,656
46	39	96 142	30 875,711	670 059,104	21,702	21,239
47	40	95 875	30 038,934	639 183,393	21,278	20,816
48	41	95 583	29 216,835	609 144,459	20,849	20,387
49	42	95 258	28 407,491	579 927,624	20,415	19,952
50	43	94 900	27 610,345	551 520,133	19,975	19,513
51	44	94 498	26 822,999	523 909,788	19,532	19,070
52	45	94 057	26 046,598	497 086,789	19,085	18,622
53	46	93 560	25 276,935	471 040,191	18,635	18,173
54	47	93 007	24 514,702	445 763,256	18,184	17,721
55	48	92 386	23 757,035	421 248,554	17,732	17,269
56	49	91 693	23 003,828	397 491,519	17,279	16,817
57	50	90 930	22 255,947	374 487,690	16,826	16,364
58	51	90 096	21 513,968	352 231,743	16,372	15,910
59	52	89 169	20 773,433	330 717,775	15,920	15,458
60	53	88 166	20 038,778	309 944,342	15,467	15,005
61	54	87 075	19 308,121	289 905,564	15,015	14,552
62	55	85 884	18 579,520	270 597,443	14,564	14,102
63	56	84 583	17 851,784	252 017,922	14,117	13,655
64	57	83 187	17 128,854	234 166,138	13,671	13,208
65	58	81 680	16 408,261	217 037,284	13,227	12,765
66	59	80 070	15 692,646	200 629,023	12,785	12,322
67	60	78 370	14 984,805	184 936,378	12,342	11,879
68	61	76 554	14 280,486	169 951,573	11,901	11,439
69	62	74 658	13 587,263	155 671,087	11,457	10,995
70	63	72 635	12 896,574	142 083,823	11,017	10,555
71	64	70 536	12 218,389	129 187,249	10,573	10,111
72	65	68 284	11 539,786	116 968,860	10,136	9,674
73	66	65 966	10 876,157	105 429,074	9,694	9,231
74	67	63 508	10 215,560	94 552,917	9,256	8,793
75	68	60 950	9 565,027	84 337,357	8,817	8,355
76	69	58 285	8 923,605	74 772,330	8,379	7,917
77	70	55 470	8 285,477	65 848,724	7,947	7,485
78	71	52 542	7 656,736	57 563,247	7,518	7,056
79	72	49 466	7 032,632	49 906,512	7,096	6,634
80	73	46 273	6 418,333	42 873,880	6,680	6,217
81	74	42 946	5 811,486	36 455,547	6,273	5,811
82	75	39 458	5 209,227	30 644,061	5,883	5,420
83	76	35 887	4 622,290	25 434,834	5,503	5,040
84	77	32 253	4 052,854	20 812,545	5,135	4,673
85	78	28 589	3 504,825	16 759,690	4,782	4,319
86	79	24 893	2 977,374	13 254,865	4,452	3,989
87	80	21 273	2 482,332	10 277,491	4,140	3,678
88	81	17 790	2 025,223	7 795,159	3,849	3,387
89	82	14 498	1 610,236	5 769,936	3,583	3,121
90	83	11 507	1 246,812	4 159,700	3,336	2,874
91	84	8 883	939,089	2 912,887	3,102	2,639
92	85	6 651	685,976	1 973,798	2,877	2,415
93	86	4 760	478,948	1 287,822	2,689	2,226
94	87	3 287	322,705	808,874	2,507	2,044
95	88	2 160	206,854	486,169	2,350	1,888
96	89	1 358	126,898	279,315	2,201	1,739
97	90	801	73,027	152,416	2,087	1,625
98	91	453	40,295	79,390	1,970	1,508
99	92	241	20,914	39,095	1,869	1,407
100	93	121	10,215	18,181	1,780	1,317

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 552	81 706,625	2 692 216,152	32,950	32,487
9	1	99 244	79 467,417	2 610 509,528	32,850	32,388
10	2	99 211	77 503,763	2 531 042,111	32,657	32,195
11	3	99 191	75 598,043	2 453 538,348	32,455	31,993
12	4	99 173	73 740,875	2 377 940,305	32,247	31,785
13	5	99 157	71 930,481	2 304 199,430	32,034	31,571
14	6	99 139	70 163,100	2 232 268,949	31,815	31,353
15	7	99 116	68 436,464	2 162 105,850	31,593	31,130
16	8	99 096	66 753,506	2 093 669,386	31,364	30,902
17	9	99 065	65 104,718	2 026 915,880	31,133	30,671
18	10	99 031	63 495,463	1 961 811,161	30,897	30,434
19	11	98 988	61 919,434	1 898 315,699	30,658	30,195
20	12	98 940	60 380,512	1 836 396,265	30,414	29,951
21	13	98 890	58 877,754	1 776 015,753	30,164	29,702
22	14	98 841	57 413,023	1 717 137,999	29,909	29,446
23	15	98 787	55 982,132	1 659 724,976	29,647	29,185
24	16	98 734	54 587,704	1 603 742,843	29,379	28,917
25	17	98 673	53 223,169	1 549 155,139	29,107	28,644
26	18	98 616	51 895,237	1 495 931,970	28,826	28,364
27	19	98 551	50 596,298	1 444 036,732	28,540	28,078
28	20	98 489	49 330,820	1 393 440,435	28,247	27,784
29	21	98 423	48 095,401	1 344 109,614	27,947	27,484
30	22	98 355	46 890,132	1 296 014,213	27,639	27,177
31	23	98 284	45 713,345	1 249 124,081	27,325	26,863
32	24	98 206	44 562,897	1 203 410,736	27,005	26,542
33	25	98 126	43 440,615	1 158 847,838	26,677	26,214
34	26	98 035	42 342,023	1 115 407,223	26,343	25,880
35	27	97 942	41 269,733	1 073 065,200	26,001	25,539
36	28	97 842	40 222,196	1 031 795,467	25,652	25,190
37	29	97 735	39 198,201	991 573,271	25,296	24,834
38	30	97 614	38 194,791	952 375,070	24,935	24,472
39	31	97 479	37 211,621	914 180,279	24,567	24,105
40	32	97 339	36 252,192	876 968,658	24,191	23,728
41	33	97 186	35 312,112	840 716,466	23,808	23,346
42	34	97 021	34 392,494	805 404,354	23,418	22,956
43	35	96 842	33 491,707	771 011,860	23,021	22,559
44	36	96 653	32 611,079	737 520,153	22,616	22,153
45	37	96 435	31 743,922	704 909,074	22,206	21,744
46	38	96 200	30 894,348	673 165,152	21,789	21,327
47	39	95 933	30 057,003	642 270,805	21,368	20,906
48	40	95 648	29 236,882	612 213,802	20,940	20,477
49	41	95 329	28 428,536	582 976,919	20,507	20,044
50	42	94 975	27 632,278	554 548,383	20,069	19,606
51	43	94 584	26 847,378	526 916,105	19,626	19,164
52	44	94 149	26 071,903	500 068,727	19,180	18,718
53	45	93 668	25 306,094	473 996,824	18,731	18,268
54	46	93 120	24 544,585	448 690,730	18,281	17,818
55	47	92 512	23 789,634	424 146,145	17,829	17,367
56	48	91 839	23 040,556	400 356,511	17,376	16,914
57	49	91 089	22 294,921	377 315,955	16,924	16,461
58	50	90 263	21 553,912	355 021,034	16,471	16,009
59	51	89 361	20 818,040	333 467,122	16,018	15,556
60	52	88 373	20 085,637	312 649,083	15,566	15,103
61	53	87 300	19 357,826	292 563,446	15,113	14,651
62	54	86 133	18 633,346	273 205,620	14,662	14,200
63	55	84 859	17 909,910	254 572,273	14,214	13,752
64	56	83 486	17 190,343	236 662,363	13,767	13,305
65	57	82 001	16 472,903	219 472,020	13,323	12,861
66	58	80 420	15 761,198	202 999,117	12,880	12,417
67	59	78 741	15 055,662	187 237,920	12,436	11,974
68	60	76 960	14 356,229	172 182,258	11,994	11,531
69	61	75 085	13 664,961	157 826,029	11,550	11,087
70	62	73 083	12 976,176	144 161,068	11,110	10,647
71	63	71 015	12 301,410	131 184,892	10,664	10,202
72	64	68 798	11 626,668	118 883,482	10,225	9,763
73	65	66 496	10 963,541	107 256,814	9,783	9,321
74	66	64 069	10 305,862	96 293,273	9,344	8,881
75	67	61 534	9 656,593	85 987,411	8,905	8,442
76	68	58 901	9 017,985	76 330,818	8,464	8,002
77	69	56 118	8 382,331	67 312,834	8,030	7,568
78	70	53 212	7 754,432	58 930,502	7,600	7,137
79	71	50 153	7 130,330	51 176,070	7,177	6,715
80	72	46 969	6 514,841	44 045,740	6,761	6,298
81	73	43 663	5 908,480	37 530,899	6,352	5,890
82	74	40 174	5 303,865	31 622,419	5,962	5,500
83	75	36 591	4 712,926	26 318,554	5,584	5,122
84	76	32 964	4 142,184	21 605,628	5,216	4,754
85	77	29 286	3 590,261	17 463,444	4,864	4,402
86	78	25 596	3 061,404	13 873,183	4,532	4,069
87	79	21 963	2 562,843	10 811,779	4,219	3,756
88	80	18 463	2 101,860	8 248,937	3,925	3,462
89	81	15 144	1 682,014	6 147,077	3,655	3,192
90	82	12 104	1 311,577	4 465,063	3,404	2,942
91	83	9 417	995,548	3 153,486	3,168	2,705
92	84	7 115	733,792	2 157,938	2,941	2,478
93	85	5 152	518,412	1 424,146	2,747	2,285
94	86	3 601	353,525	905,733	2,562	2,100
95	87	2 400	229,824	552,208	2,403	1,940
96	88	1 533	143,259	322,384	2,250	1,788
97	89	920	83,892	179,125	2,135	1,673
98	90	531	47,265	95,233	2,015	1,552
99	91	290	25,126	47,968	1,909	1,447
100	92	149	12,573	22,842	1,817	1,354

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9	0	99 543	79 706,963	2 613 898,773	32,794	32,331
10	1	99 236	77 522,984	2 534 191,810	32,690	32,227
11	2	99 204	75 607,436	2 456 668,826	32,492	32,030
12	3	99 184	73 748,480	2 381 061,390	32,286	31,824
13	4	99 166	71 937,364	2 307 312,910	32,074	31,611
14	5	99 147	70 169,350	2 235 375,546	31,857	31,394
15	6	99 125	68 442,518	2 165 206,195	31,635	31,173
16	7	99 101	66 756,608	2 096 763,677	31,409	30,947
17	8	99 071	65 109,255	2 030 007,070	31,178	30,716
18	9	99 037	63 499,347	1 964 897,814	30,944	30,481
19	10	98 993	61 923,056	1 901 398,467	30,706	30,243
20	11	98 948	60 385,181	1 839 475,411	30,462	30,000
21	12	98 898	58 882,378	1 779 090,230	30,214	29,752
22	13	98 850	57 418,433	1 720 207,852	29,959	29,497
23	14	98 796	55 987,295	1 662 789,419	29,699	29,237
24	15	98 746	54 594,347	1 606 802,125	29,432	28,969
25	16	98 687	53 231,008	1 552 207,778	29,160	28,697
26	17	98 630	51 902,304	1 498 976,771	28,881	28,418
27	18	98 571	50 606,268	1 447 074,466	28,595	28,132
28	19	98 506	49 339,444	1 396 468,198	28,303	27,841
29	20	98 441	48 104,295	1 347 128,754	28,004	27,542
30	21	98 371	46 897,866	1 299 024,459	27,699	27,237
31	22	98 300	45 720,789	1 252 126,593	27,386	26,924
32	23	98 223	44 570,918	1 206 405,805	27,067	26,605
33	24	98 144	43 448,433	1 161 834,886	26,741	26,278
34	25	98 054	42 350,079	1 118 386,453	26,408	25,946
35	26	97 960	41 277,501	1 076 036,374	26,068	25,606
36	27	97 863	40 230,853	1 034 758,873	25,721	25,258
37	28	97 758	39 207,440	994 528,019	25,366	24,903
38	29	97 639	38 204,677	955 320,579	25,005	24,543
39	30	97 510	37 223,425	917 115,902	24,638	24,176
40	31	97 370	36 263,579	879 892,477	24,264	23,801
41	32	97 219	35 324,216	843 628,898	23,882	23,420
42	33	97 056	34 404,891	808 304,683	23,494	23,031
43	34	96 881	33 505,310	773 899,792	23,098	22,635
44	35	96 693	32 624,525	740 394,482	22,694	22,232
45	36	96 479	31 758,483	707 769,957	22,286	21,824
46	37	96 246	30 909,019	676 011,474	21,871	21,409
47	38	95 991	30 075,146	645 102,455	21,450	20,987
48	39	95 706	29 254,469	615 027,309	21,023	20,561
49	40	95 394	28 448,043	585 772,841	20,591	20,129
50	41	95 046	27 652,749	557 324,798	20,154	19,692
51	42	94 659	26 868,705	529 672,049	19,713	19,251
52	43	94 234	26 095,599	502 803,344	19,268	18,805
53	44	93 759	25 330,679	476 707,745	18,819	18,357
54	45	93 228	24 572,899	451 377,065	18,369	17,906
55	46	92 625	23 818,634	426 804,166	17,919	17,456
56	47	91 966	23 072,172	402 985,533	17,466	17,004
57	48	91 235	22 330,517	379 913,361	17,013	16,551
58	49	90 421	21 591,656	357 582,844	16,561	16,099
59	50	89 527	20 856,691	335 991,189	16,110	15,647
60	51	88 562	20 128,767	315 134,497	15,656	15,194
61	52	87 504	19 403,093	295 005,731	15,204	14,742
62	53	86 355	18 681,314	275 602,638	14,753	14,290
63	54	85 105	17 961,796	256 921,324	14,304	13,841
64	55	83 757	17 246,315	238 959,528	13,856	13,393
65	56	82 296	16 532,037	221 713,213	13,411	12,949
66	57	80 737	15 823,290	205 181,175	12,967	12,505
67	58	79 085	15 121,431	189 357,885	12,522	12,060
68	59	77 324	14 424,114	174 236,454	12,080	11,617
69	60	75 484	13 737,439	159 812,340	11,633	11,171
70	61	73 501	13 050,379	146 074,901	11,193	10,731
71	62	71 453	12 377,338	133 024,522	10,747	10,285
72	63	69 265	11 705,669	120 647,184	10,307	9,844
73	64	66 996	11 046,085	108 941,515	9,862	9,400
74	65	64 584	10 388,664	97 895,430	9,423	8,961
75	66	62 078	9 741,953	87 506,767	8,982	8,520
76	67	59 465	9 104,314	77 764,814	8,542	8,079
77	68	56 712	8 470,986	68 660,500	8,105	7,643
78	69	53 834	7 845,079	60 189,514	7,672	7,210
79	70	50 793	7 221,310	52 344,435	7,249	6,786
80	71	47 622	6 605,346	45 123,125	6,831	6,369
81	72	44 319	5 997,322	38 517,779	6,422	5,960
82	73	40 845	5 392,387	32 520,457	6,031	5,568
83	74	37 256	4 798,547	27 128,070	5,653	5,191
84	75	33 610	4 223,406	22 329,523	5,287	4,825
85	76	29 931	3 669,395	18 106,117	4,934	4,472
86	77	26 220	3 136,030	14 436,722	4,604	4,141
87	78	22 583	2 635,173	11 300,692	4,288	3,826
88	79	19 062	2 170,030	8 665,519	3,993	3,531
89	80	15 718	1 745,664	6 495,489	3,721	3,259
90	81	12 644	1 370,042	4 749,825	3,467	3,005
91	82	9 907	1 047,261	3 379,783	3,227	2,765
92	83	7 543	777,908	2 332,522	2,998	2,536
93	84	5 511	554,548	1 554,614	2,803	2,341
94	85	3 898	382,654	1 000,066	2,613	2,151
95	86	2 629	251,774	617,411	2,452	1,990
96	87	1 704	159,167	365,637	2,297	1,835
97	88	1 039	94,708	206,471	2,180	1,718
98	89	611	54,298	111,762	2,058	1,596
99	90	340	29,473	57,464	1,950	1,487
100	91	178	15,105	27,992	1,853	1,391

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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10	0	99 535	77 756,669	2 537 314,848	32,631	32,169
11	1	99 228	75 626,186	2 459 558,179	32,523	32,060
12	2	99 196	73 757,643	2 383 931,992	32,321	31,859
13	3	99 177	71 944,784	2 310 174,349	32,110	31,648
14	4	99 157	70 176,065	2 238 229,565	31,894	31,432
15	5	99 134	68 448,615	2 168 053,500	31,674	31,212
16	6	99 109	66 762,514	2 099 604,885	31,449	30,986
17	7	99 076	65 112,280	2 032 842,371	31,221	30,758
18	8	99 044	63 503,772	1 967 730,091	30,986	30,524
19	9	98 999	61 926,844	1 904 226,319	30,750	30,287
20	10	98 954	60 388,714	1 842 299,474	30,507	30,045
21	11	98 905	58 886,931	1 781 910,761	30,260	29,797
22	12	98 858	57 422,942	1 723 023,829	30,006	29,543
23	13	98 805	55 992,570	1 665 600,888	29,747	29,284
24	14	98 755	54 599,381	1 609 608,318	29,480	29,018
25	15	98 699	53 237,485	1 555 008,937	29,209	28,746
26	16	98 644	51 909,948	1 501 771,452	28,930	28,468
27	17	98 584	50 613,159	1 449 861,504	28,646	28,184
28	18	98 525	49 349,167	1 399 248,344	28,354	27,892
29	19	98 458	48 112,704	1 349 899,177	28,057	27,595
30	20	98 390	46 906,538	1 301 786,473	27,753	27,290
31	21	98 316	45 728,329	1 254 879,935	27,442	26,980
32	22	98 239	44 578,176	1 209 151,606	27,124	26,662
33	23	98 161	43 456,254	1 164 573,430	26,799	26,336
34	24	98 072	42 357,701	1 121 117,176	26,468	26,005
35	25	97 979	41 285,355	1 078 759,475	26,129	25,667
36	26	97 881	40 238,426	1 037 474,120	25,783	25,321
37	27	97 779	39 215,879	997 235,695	25,429	24,967
38	28	97 662	38 213,682	958 019,816	25,070	24,608
39	29	97 535	37 233,060	919 806,134	24,704	24,242
40	30	97 401	36 275,082	882 573,074	24,330	23,868
41	31	97 250	35 335,311	846 297,992	23,950	23,488
42	32	97 089	34 416,683	810 962,681	23,563	23,101
43	33	96 916	33 517,387	776 545,997	23,168	22,706
44	34	96 732	32 637,776	743 028,610	22,766	22,303
45	35	96 519	31 771,577	710 390,834	22,359	21,897
46	36	96 290	30 923,197	678 619,258	21,945	21,483
47	37	96 036	30 089,428	647 696,060	21,526	21,063
48	38	95 763	29 272,127	617 606,632	21,099	20,636
49	39	95 452	28 465,154	588 334,505	20,669	20,206
50	40	95 111	27 671,723	559 869,351	20,233	19,770
51	41	94 730	26 888,610	532 197,628	19,793	19,330
52	42	94 309	26 116,330	505 309,018	19,348	18,886
53	43	93 844	25 353,702	479 192,688	18,900	18,438
54	44	93 318	24 596,772	453 838,986	18,451	17,989
55	45	92 732	23 846,110	429 242,214	18,001	17,538
56	46	92 078	23 100,297	405 396,104	17,549	17,087
57	47	91 360	22 361,158	382 295,807	17,096	16,634
58	48	90 566	21 626,129	359 934,649	16,644	16,181
59	49	89 684	20 893,214	338 308,520	16,192	15,730
60	50	88 727	20 166,139	317 415,306	15,740	15,278
61	51	87 692	19 444,757	297 249,168	15,287	14,824
62	52	86 557	18 724,999	277 804,411	14,836	14,374
63	53	85 324	18 008,035	259 079,412	14,387	13,924
64	54	84 000	17 296,278	241 071,377	13,938	13,475
65	55	82 564	16 585,866	223 775,098	13,492	13,029
66	56	81 027	15 880,093	207 189,232	13,047	12,585
67	57	79 396	15 181,003	191 309,140	12,602	12,139
68	58	77 661	14 487,125	176 128,136	12,158	11,695
69	59	75 841	13 802,398	161 641,012	11,711	11,249
70	60	73 891	13 119,597	147 838,614	11,269	10,806
71	61	71 862	12 448,116	134 719,016	10,822	10,360
72	62	69 693	11 777,920	122 270,900	10,381	9,919
73	63	67 451	11 121,140	110 492,980	9,935	9,473
74	64	65 070	10 466,879	99 371,840	9,494	9,032
75	65	62 577	9 820,225	88 904,961	9,053	8,591
76	66	59 991	9 184,792	79 084,736	8,610	8,148
77	67	57 254	8 552,078	69 899,944	8,173	7,711
78	68	54 404	7 928,051	61 347,866	7,738	7,276
79	69	51 386	7 305,724	53 419,814	7,312	6,850
80	70	48 229	6 689,627	46 114,090	6,893	6,431
81	71	44 935	6 080,638	39 424,463	6,484	6,021
82	72	41 459	5 473,469	33 343,825	6,092	5,629
83	73	37 877	4 878,636	27 870,356	5,713	5,250
84	74	34 221	4 300,134	22 991,721	5,347	4,884
85	75	30 518	3 741,346	18 691,586	4,996	4,534
86	76	26 798	3 205,152	14 950,240	4,664	4,202
87	77	23 134	2 699,409	11 745,088	4,351	3,889
88	78	19 600	2 231,274	9 045,678	4,054	3,592
89	79	16 227	1 802,281	6 814,404	3,781	3,319
90	80	13 122	1 421,886	5 012,123	3,525	3,063
91	81	10 348	1 093,944	3 590,237	3,282	2,820
92	82	7 934	818,316	2 496,293	3,051	2,588
93	83	5 843	587,888	1 677,977	2,854	2,392
94	84	4 170	409,328	1 090,089	2,663	2,201
95	85	2 846	272,519	680,761	2,498	2,036
96	86	1 866	174,368	408,242	2,341	1,879
97	87	1 154	105,225	233,874	2,223	1,760
98	88	689	61,298	128,649	2,099	1,636
99	89	390	33,858	67,351	1,989	1,527
100	90	209	17,718	33,493	1,890	1,428

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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11	0	99 527	75 854,154	2 462 436,070	32,463	32,000
12	1	99 220	73 775,935	2 386 581,916	32,349	31,887
13	2	99 189	71 953,722	2 312 805,981	32,143	31,681
14	3	99 167	70 183,303	2 240 852,258	31,929	31,466
15	4	99 143	68 455,166	2 170 668,955	31,709	31,247
16	5	99 118	66 768,461	2 102 213,790	31,485	31,023
17	6	99 085	65 118,041	2 035 445,328	31,258	30,795
18	7	99 049	63 506,723	1 970 327,288	31,025	30,563
19	8	99 006	61 931,160	1 906 820,565	30,789	30,327
20	9	98 960	60 392,408	1 844 889,405	30,548	30,086
21	10	98 911	58 890,376	1 784 496,997	30,302	29,840
22	11	98 865	57 427,383	1 725 606,621	30,048	29,586
23	12	98 813	55 996,967	1 668 179,239	29,791	29,328
24	13	98 765	54 604,525	1 612 182,272	29,525	29,062
25	14	98 708	53 242,394	1 557 577,746	29,254	28,792
26	15	98 656	51 916,265	1 504 335,352	28,976	28,514
27	16	98 599	50 620,613	1 452 419,088	28,692	28,230
28	17	98 539	49 355,888	1 401 798,474	28,402	27,939
29	18	98 478	48 122,185	1 352 442,587	28,104	27,642
30	19	98 407	46 914,738	1 304 320,402	27,802	27,340
31	20	98 334	45 736,785	1 257 405,664	27,492	27,030
32	21	98 256	44 585,528	1 211 668,879	27,176	26,714
33	22	98 177	43 463,330	1 167 083,350	26,852	26,390
34	23	98 089	42 365,325	1 123 620,020	26,522	26,060
35	24	97 996	41 292,785	1 081 254,695	26,185	25,723
36	25	97 900	40 246,082	1 039 961,910	25,840	25,378
37	26	97 797	39 223,261	999 715,829	25,488	25,025
38	27	97 683	38 221,906	960 492,568	25,129	24,667
39	28	97 558	37 241,836	922 270,662	24,764	24,302
40	29	97 426	36 284,472	885 028,826	24,391	23,929
41	30	97 280	35 346,520	848 744,354	24,012	23,550
42	31	97 120	34 427,493	813 397,834	23,626	23,164
43	32	96 949	33 528,875	778 970,341	23,233	22,770
44	33	96 767	32 649,540	745 441,465	22,832	22,369
45	34	96 558	31 784,481	712 791,925	22,426	21,963
46	35	96 330	30 935,947	681 007,444	22,013	21,551
47	36	96 080	30 103,230	650 071,497	21,595	21,132
48	37	95 809	29 286,028	619 968,266	21,169	20,707
49	38	95 509	28 482,336	590 682,238	20,739	20,276
50	39	95 168	27 688,368	562 199,902	20,305	19,842
51	40	94 795	26 907,060	534 511,534	19,865	19,403
52	41	94 379	26 135,677	507 604,474	19,422	18,959
53	42	93 918	25 373,843	481 468,797	18,975	18,513
54	43	93 403	24 619,128	456 094,955	18,526	18,064
55	44	92 822	23 869,277	431 475,827	18,077	17,614
56	45	92 184	23 126,945	407 606,550	17,625	17,162
57	46	91 471	22 388,416	384 479,605	17,173	16,711
58	47	90 690	21 655,804	362 091,189	16,720	16,258
59	48	89 827	20 926,572	340 435,385	16,268	15,806
60	49	88 882	20 201,452	319 508,813	15,816	15,354
61	50	87 854	19 480,859	299 307,361	15,364	14,902
62	51	86 743	18 765,207	279 826,502	14,912	14,450
63	52	85 523	18 050,145	261 061,295	14,463	14,001
64	53	84 216	17 340,804	243 011,150	14,014	13,551
65	54	82 803	16 633,916	225 670,346	13,567	13,104
66	55	81 291	15 931,799	209 036,429	13,121	12,658
67	56	79 681	15 235,500	193 104,631	12,675	12,212
68	57	77 967	14 544,198	177 869,130	12,230	11,767
69	58	76 172	13 862,693	163 324,933	11,782	11,319
70	59	74 240	13 181,635	149 462,240	11,339	10,876
71	60	72 243	12 514,141	136 280,605	10,890	10,428
72	61	70 091	11 845,271	123 766,465	10,449	9,986
73	62	67 868	11 189,783	111 921,194	10,002	9,540
74	63	65 513	10 537,999	100 731,411	9,559	9,096
75	64	63 048	9 894,160	90 193,412	9,116	8,653
76	65	60 473	9 258,587	80 299,251	8,673	8,211
77	66	57 761	8 627,675	71 040,664	8,234	7,772
78	67	54 924	8 003,947	62 412,989	7,798	7,335
79	68	51 930	7 382,992	54 409,043	7,370	6,907
80	69	48 793	6 767,827	47 026,050	6,948	6,486
81	70	45 508	6 158,224	40 258,223	6,537	6,075
82	71	42 035	5 549,507	34 100,000	6,145	5,682
83	72	38 447	4 951,992	28 550,493	5,765	5,303
84	73	34 792	4 371,904	23 598,500	5,398	4,935
85	74	31 072	3 809,316	19 226,596	5,047	4,585
86	75	27 323	3 268,001	15 417,280	4,718	4,255
87	76	23 644	2 758,908	12 149,279	4,404	3,941
88	77	20 078	2 285,665	9 390,371	4,108	3,646
89	78	16 685	1 853,147	7 104,707	3,834	3,371
90	79	13 548	1 468,002	5 251,560	3,577	3,115
91	80	10 740	1 135,340	3 783,558	3,333	2,870
92	81	8 288	854,793	2 648,218	3,098	2,636
93	82	6 146	618,426	1 793,424	2,900	2,438
94	83	4 420	433,937	1 174,999	2,708	2,245
95	84	3 044	291,515	741,062	2,542	2,080
96	85	2 020	188,736	449,547	2,382	1,919
97	86	1 265	115,275	260,811	2,263	1,800
98	87	766	68,105	145,537	2,137	1,675
99	88	441	38,223	77,431	2,026	1,563
100	89	240	20,354	39,208	1,926	1,464

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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12	0	99 520	73 998,325	2 389 234,301	32,288	31,825
13	1	99 214	71 971,567	2 315 235,976	32,169	31,706
14	2	99 179	70 192,023	2 243 264,409	31,959	31,497
15	3	99 154	68 462,226	2 173 072,386	31,741	31,279
16	4	99 128	66 774,851	2 104 610,160	31,518	31,056
17	5	99 094	65 123,842	2 037 835,309	31,292	30,829
18	6	99 058	63 512,341	1 972 711,467	31,060	30,598
19	7	99 011	61 934,037	1 909 199,127	30,826	30,364
20	8	98 967	60 396,617	1 847 265,089	30,586	30,123
21	9	98 917	58 893,979	1 786 868,473	30,340	29,878
22	10	98 871	57 430,742	1 727 974,494	30,088	29,626
23	11	98 820	56 001,297	1 670 543,752	29,830	29,368
24	12	98 772	54 608,814	1 614 542,455	29,566	29,103
25	13	98 718	53 247,411	1 559 933,641	29,296	28,834
26	14	98 665	51 921,052	1 506 686,230	29,019	28,556
27	15	98 611	50 626,773	1 454 765,178	28,735	28,273
28	16	98 553	49 363,156	1 404 138,406	28,445	27,983
29	17	98 491	48 128,739	1 354 775,249	28,149	27,687
30	18	98 426	46 923,983	1 306 646,511	27,846	27,384
31	19	98 352	45 744,781	1 259 722,528	27,538	27,076
32	20	98 274	44 593,773	1 213 977,747	27,223	26,761
33	21	98 193	43 470,498	1 169 383,975	26,901	26,438
34	22	98 105	42 372,223	1 125 913,476	26,572	26,110
35	23	98 014	41 300,218	1 083 541,253	26,236	25,773
36	24	97 918	40 253,325	1 042 241,035	25,892	25,430
37	25	97 816	39 230,723	1 001 987,711	25,541	25,078
38	26	97 701	38 229,101	962 756,987	25,184	24,721
39	27	97 579	37 249,851	924 527,887	24,820	24,357
40	28	97 449	36 293,024	887 278,035	24,448	23,985
41	29	97 306	35 355,669	850 985,011	24,069	23,607
42	30	97 151	34 438,415	815 629,342	23,684	23,221
43	31	96 980	33 539,407	781 190,927	23,292	22,829
44	32	96 800	32 660,731	747 651,521	22,891	22,429
45	33	96 593	31 795,938	714 990,790	22,487	22,024
46	34	96 369	30 948,512	683 194,851	22,075	21,613
47	35	96 120	30 115,642	652 246,339	21,658	21,196
48	36	95 853	29 299,462	622 130,697	21,234	20,771
49	37	95 555	28 495,862	592 831,236	20,804	20,342
50	38	95 225	27 705,081	564 335,373	20,369	19,907
51	39	94 852	26 923,245	536 630,292	19,932	19,469
52	40	94 444	26 153,610	509 707,048	19,489	19,027
53	41	93 988	25 392,640	483 553,437	19,043	18,581
54	42	93 477	24 638,685	458 160,797	18,595	18,133
55	43	92 907	23 890,972	433 522,112	18,146	17,683
56	44	92 273	23 149,413	409 631,141	17,695	17,233
57	45	91 577	22 414,243	386 481,728	17,243	16,780
58	46	90 800	21 682,202	364 067,485	16,791	16,329
59	47	89 950	20 955,287	342 385,283	16,339	15,876
60	48	89 024	20 233,706	321 429,996	15,886	15,423
61	49	88 008	19 514,973	301 196,290	15,434	14,972
62	50	86 904	18 800,047	281 681,318	14,983	14,521
63	51	85 707	18 088,904	262 881,270	14,533	14,070
64	52	84 413	17 381,354	244 792,366	14,084	13,621
65	53	83 016	16 676,737	227 411,012	13,636	13,174
66	54	81 526	15 977,954	210 734,275	13,189	12,727
67	55	79 941	15 285,107	194 756,321	12,742	12,279
68	56	78 247	14 596,409	179 471,214	12,296	11,833
69	57	76 472	13 917,306	164 874,805	11,847	11,384
70	58	74 565	13 239,218	150 957,499	11,402	10,940
71	59	72 585	12 573,315	137 718,282	10,953	10,491
72	60	70 463	11 908,097	125 144,966	10,509	10,047
73	61	68 256	11 253,771	113 236,869	10,062	9,600
74	62	65 917	10 603,043	101 983,099	9,618	9,156
75	63	63 476	9 961,389	91 380,056	9,173	8,711
76	64	60 928	9 328,294	81 418,667	8,728	8,266
77	65	58 225	8 696,994	72 090,373	8,289	7,827
78	66	55 410	8 074,698	63 393,379	7,851	7,388
79	67	52 427	7 453,670	55 318,681	7,422	6,959
80	68	49 309	6 839,406	47 865,011	6,998	6,536
81	69	46 040	6 230,211	41 025,605	6,585	6,123
82	70	42 571	5 620,316	34 795,394	6,191	5,729
83	71	38 981	5 020,786	29 175,078	5,811	5,348
84	72	35 315	4 437,642	24 154,292	5,443	4,981
85	73	31 591	3 872,894	19 716,650	5,091	4,629
86	74	27 820	3 327,371	15 843,756	4,762	4,299
87	75	24 107	2 813,006	12 516,384	4,449	3,987
88	76	20 520	2 336,044	9 703,378	4,154	3,691
89	77	17 092	1 898,320	7 367,335	3,881	3,419
90	78	13 930	1 509,433	5 469,015	3,623	3,161
91	79	11 088	1 172,163	3 959,581	3,378	2,916
92	80	8 602	887,140	2 787,418	3,142	2,680
93	81	6 420	645,993	1 900,279	2,942	2,479
94	82	4 650	456,477	1 254,286	2,748	2,285
95	83	3 227	309,041	797,809	2,582	2,119
96	84	2 161	201,892	488,768	2,421	1,959
97	85	1 369	124,773	286,876	2,299	1,837
98	86	839	74,610	162,103	2,173	1,710
99	87	489	42,467	87,494	2,060	1,598
100	88	271	22,978	45,026	1,959	1,497

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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13	0	99 513	72 188,518	2 317 681,061	32,106	31,644
14	1	99 204	70 209,430	2 245 492,543	31,983	31,520
15	2	99 166	68 470,732	2 175 283,112	31,770	31,307
16	3	99 138	66 781,738	2 106 812,381	31,548	31,085
17	4	99 103	65 130,074	2 040 030,643	31,322	30,860
18	5	99 066	63 517,999	1 974 900,569	31,092	30,630
19	6	99 020	61 939,516	1 911 382,570	30,859	30,396
20	7	98 971	60 399,423	1 849 443,054	30,620	30,158
21	8	98 924	58 898,083	1 789 043,631	30,375	29,913
22	9	98 877	57 434,255	1 730 145,548	30,124	29,662
23	10	98 826	56 004,573	1 672 711,293	29,867	29,405
24	11	98 780	54 613,037	1 616 706,719	29,603	29,141
25	12	98 725	53 251,592	1 562 093,683	29,334	28,872
26	13	98 674	51 925,944	1 508 842,090	29,058	28,595
27	14	98 620	50 631,441	1 456 916,146	28,775	28,313
28	15	98 565	49 369,163	1 406 284,705	28,485	28,023
29	16	98 506	48 135,826	1 356 915,542	28,189	27,727
30	17	98 440	46 930,373	1 308 779,716	27,888	27,425
31	18	98 371	45 753,795	1 261 849,343	27,579	27,117
32	19	98 291	44 601,569	1 216 095,548	27,266	26,803
33	20	98 212	43 478,537	1 171 493,979	26,944	26,482
34	21	98 122	42 379,212	1 128 015,443	26,617	26,155
35	22	98 030	41 306,943	1 085 636,231	26,282	25,820
36	23	97 935	40 260,570	1 044 329,288	25,939	25,477
37	24	97 833	39 237,784	1 004 068,718	25,589	25,127
38	25	97 720	38 236,374	964 830,935	25,233	24,771
39	26	97 597	37 256,863	926 594,560	24,870	24,408
40	27	97 470	36 300,835	889 337,697	24,499	24,037
41	28	97 328	35 364,002	853 036,862	24,122	23,659
42	29	97 176	34 447,329	817 672,860	23,737	23,274
43	30	97 011	33 550,046	783 225,531	23,345	22,883
44	31	96 831	32 670,990	749 675,485	22,946	22,484
45	32	96 626	31 806,836	717 004,495	22,542	22,080
46	33	96 404	30 959,668	685 197,659	22,132	21,670
47	34	96 159	30 127,874	654 237,991	21,715	21,253
48	35	95 892	29 311,542	624 110,117	21,292	20,830
49	36	95 598	28 508,934	594 798,575	20,864	20,401
50	37	95 271	27 718,238	566 289,642	20,430	19,968
51	38	94 909	26 939,496	538 571,404	19,992	19,529
52	39	94 500	26 169,342	511 631,908	19,551	19,088
53	40	94 053	25 410,064	485 462,566	19,105	18,643
54	41	93 547	24 656,937	460 052,502	18,658	18,196
55	42	92 980	23 909,950	435 395,565	18,210	17,747
56	43	92 357	23 170,453	411 485,614	17,759	17,297
57	44	91 666	22 436,019	388 315,161	17,308	16,845
58	45	90 905	21 707,214	365 879,143	16,855	16,393
59	46	90 060	20 980,832	344 171,929	16,404	15,942
60	47	89 146	20 261,470	323 191,097	15,951	15,489
61	48	88 149	19 546,130	302 929,627	15,498	15,036
62	49	87 056	18 832,968	283 383,497	15,047	14,585
63	50	85 866	18 122,489	264 550,529	14,598	14,135
64	51	84 595	17 418,677	246 428,039	14,147	13,685
65	52	83 210	16 715,734	229 009,362	13,700	13,238
66	53	81 736	16 019,086	212 293,628	13,253	12,790
67	54	80 172	15 329,389	196 274,543	12,804	12,341
68	55	78 502	14 643,935	180 945,153	12,356	11,894
69	56	76 746	13 967,266	166 301,219	11,906	11,444
70	57	74 858	13 291,375	152 333,952	11,461	10,999
71	58	72 902	12 628,241	139 042,577	11,010	10,548
72	59	70 796	11 964,406	126 414,337	10,566	10,103
73	60	68 618	11 313,460	114 449,931	10,116	9,654
74	61	66 294	10 663,675	103 136,471	9,672	9,209
75	62	63 868	10 022,874	92 472,796	9,226	8,764
76	63	61 342	9 391,678	82 449,922	8,779	8,317
77	64	58 663	8 762,473	73 058,244	8,338	7,875
78	65	55 855	8 139,574	64 295,771	7,899	7,437
79	66	52 890	7 519,557	56 156,197	7,468	7,006
80	67	49 781	6 904,879	48 636,640	7,044	6,581
81	68	46 527	6 296,104	41 731,761	6,628	6,166
82	69	43 069	5 686,016	35 435,657	6,232	5,770
83	70	39 478	5 084,849	29 749,641	5,851	5,388
84	71	35 805	4 499,290	24 664,792	5,482	5,020
85	72	32 066	3 931,128	20 165,502	5,130	4,667
86	73	28 284	3 382,906	16 234,374	4,799	4,337
87	74	24 545	2 864,111	12 851,468	4,487	4,025
88	75	20 923	2 381,850	9 987,357	4,193	3,731
89	76	17 469	1 940,161	7 605,507	3,920	3,458
90	77	14 270	1 546,228	5 665,346	3,664	3,202
91	78	11 401	1 205,245	4 119,118	3,418	2,955
92	79	8 881	915,913	2 913,873	3,181	2,719
93	80	6 663	670,438	1 997,961	2,980	2,518
94	81	4 857	476,825	1 327,523	2,784	2,322
95	82	3 395	325,094	850,698	2,617	2,154
96	83	2 291	214,030	525,604	2,456	1,993
97	84	1 464	133,470	311,574	2,334	1,872
98	85	908	80,757	178,104	2,205	1,743
99	86	536	46,523	97,347	2,092	1,630
100	87	302	25,530	50,823	1,991	1,528

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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14	0	99 503	70 421,070	2 247 747,105	31,919	31,456
15	1	99 191	68 487,713	2 177 326,035	31,791	31,329
16	2	99 150	66 790,035	2 108 838,322	31,574	31,112
17	3	99 113	65 136,791	2 042 048,287	31,350	30,888
18	4	99 076	63 524,077	1 976 911,496	31,121	30,658
19	5	99 028	61 945,034	1 913 387,419	30,888	30,426
20	6	98 980	60 404,766	1 851 442,384	30,651	30,188
21	7	98 929	58 900,819	1 791 037,618	30,408	29,945
22	8	98 884	57 438,258	1 732 136,799	30,156	29,694
23	9	98 832	56 007,999	1 674 698,541	29,901	29,439
24	10	98 786	54 616,231	1 618 690,542	29,638	29,175
25	11	98 733	53 255,710	1 564 074,310	29,369	28,907
26	12	98 682	51 930,022	1 510 818,600	29,093	28,631
27	13	98 629	50 636,212	1 458 888,578	28,811	28,349
28	14	98 574	49 373,715	1 408 252,366	28,522	28,060
29	15	98 517	48 141,684	1 358 878,651	28,227	27,764
30	16	98 454	46 937,284	1 310 736,967	27,925	27,463
31	17	98 384	45 760,026	1 263 799,683	27,618	27,156
32	18	98 310	44 610,358	1 218 039,657	27,304	26,842
33	19	98 229	43 486,138	1 173 429,299	26,984	26,522
34	20	98 140	42 387,048	1 129 943,162	26,658	26,195
35	21	98 046	41 313,755	1 087 556,114	26,324	25,862
36	22	97 951	40 267,126	1 046 242,358	25,983	25,520
37	23	97 851	39 244,846	1 005 975,232	25,633	25,171
38	24	97 738	38 243,256	966 730,386	25,278	24,816
39	25	97 616	37 263,951	928 487,130	24,916	24,454
40	26	97 488	36 307,668	891 223,179	24,546	24,084
41	27	97 349	35 371,614	854 915,511	24,170	23,707
42	28	97 199	34 455,448	819 543,897	23,786	23,323
43	29	97 036	33 558,730	785 088,449	23,394	22,932
44	30	96 861	32 681,354	751 529,719	22,996	22,533
45	31	96 656	31 816,827	718 848,365	22,593	22,131
46	32	96 437	30 970,279	687 031,538	22,184	21,721
47	33	96 194	30 138,733	656 061,259	21,768	21,306
48	34	95 931	29 323,447	625 922,525	21,345	20,883
49	35	95 638	28 520,688	596 599,078	20,918	20,456
50	36	95 314	27 730,952	568 078,390	20,485	20,023
51	37	94 954	26 952,289	540 347,438	20,048	19,586
52	38	94 557	26 185,138	513 395,149	19,606	19,144
53	39	94 109	25 425,348	487 210,011	19,162	18,700
54	40	93 611	24 673,856	461 784,663	18,716	18,253
55	41	93 049	23 927,663	437 110,806	18,268	17,806
56	42	92 431	23 188,860	413 183,143	17,818	17,356
57	43	91 749	22 456,411	389 994,284	17,367	16,904
58	44	90 993	21 728,303	367 537,873	16,915	16,453
59	45	90 164	21 005,034	345 809,570	16,463	16,001
60	46	89 255	20 286,169	324 804,536	16,011	15,549
61	47	88 270	19 572,951	304 518,367	15,558	15,096
62	48	87 195	18 863,037	284 945,416	15,106	14,644
63	49	86 016	18 154,224	266 082,379	14,657	14,194
64	50	84 752	17 451,017	247 928,155	14,207	13,745
65	51	83 389	16 751,628	230 477,138	13,758	13,296
66	52	81 927	16 056,545	213 725,510	13,311	12,848
67	53	80 379	15 368,851	197 668,965	12,862	12,399
68	54	78 729	14 686,359	182 300,114	12,413	11,950
69	55	76 996	14 012,744	167 613,754	11,962	11,499
70	56	75 127	13 339,088	153 601,011	11,515	11,053
71	57	73 189	12 677,991	140 261,922	11,063	10,601
72	58	71 105	12 016,671	127 583,932	10,617	10,155
73	59	68 942	11 366,957	115 567,260	10,167	9,705
74	60	66 645	10 720,235	104 200,303	9,720	9,258
75	61	64 233	10 080,188	93 480,068	9,274	8,811
76	62	61 720	9 449,646	83 399,880	8,826	8,363
77	63	59 062	8 822,012	73 950,234	8,382	7,920
78	64	56 276	8 200,856	65 128,222	7,942	7,479
79	65	53 315	7 579,973	56 927,366	7,510	7,048
80	66	50 221	6 965,915	49 347,393	7,084	6,622
81	67	46 972	6 356,377	42 381,478	6,668	6,205
82	68	43 525	5 746,153	36 025,101	6,269	5,807
83	69	39 940	5 144,289	30 278,948	5,886	5,424
84	70	36 262	4 556,699	25 134,659	5,516	5,054
85	71	32 512	3 985,740	20 577,960	5,163	4,700
86	72	28 709	3 433,772	16 592,220	4,832	4,370
87	73	24 955	2 911,913	13 158,447	4,519	4,056
88	74	21 303	2 425,122	10 246,534	4,225	3,763
89	75	17 811	1 978,205	7 821,412	3,954	3,491
90	76	14 584	1 580,309	5 843,207	3,698	3,235
91	77	11 679	1 234,624	4 262,899	3,453	2,990
92	78	9 131	941,762	3 028,274	3,216	2,753
93	79	6 879	692,182	2 086,512	3,014	2,552
94	80	5 041	494,869	1 394,330	2,818	2,355
95	81	3 546	339,586	899,461	2,649	2,186
96	82	2 410	225,147	559,876	2,487	2,024
97	83	1 552	141,495	334,729	2,366	1,903
98	84	971	86,386	193,234	2,237	1,774
99	85	580	50,357	106,848	2,122	1,659
100	86	330	27,968	56,491	2,020	1,557

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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15	0	99 490	68 694,162	2 179 405,479	31,726	31,264
16	1	99 175	66 806,599	2 110 711,317	31,594	31,132
17	2	99 126	65 144,884	2 043 904,719	31,375	30,912
18	3	99 086	63 530,629	1 978 759,835	31,147	30,684
19	4	99 038	61 950,962	1 915 229,205	30,915	30,453
20	5	98 989	60 410,147	1 853 278,243	30,678	30,216
21	6	98 937	58 906,030	1 792 868,096	30,436	29,974
22	7	98 889	57 440,926	1 733 962,066	30,187	29,724
23	8	98 839	56 011,903	1 676 521,139	29,932	29,469
24	9	98 792	54 619,573	1 620 509,237	29,669	29,207
25	10	98 739	53 258,826	1 565 889,664	29,402	28,939
26	11	98 690	51 934,038	1 512 630,838	29,126	28,664
27	12	98 637	50 640,188	1 460 696,801	28,845	28,382
28	13	98 584	49 378,367	1 410 056,612	28,556	28,094
29	14	98 527	48 146,123	1 360 678,245	28,261	27,799
30	15	98 466	46 942,996	1 312 532,122	27,960	27,498
31	16	98 399	45 766,765	1 265 589,126	27,653	27,191
32	17	98 324	44 616,433	1 219 822,361	27,340	26,878
33	18	98 248	43 494,707	1 175 205,928	27,020	26,557
34	19	98 157	42 394,458	1 131 711,222	26,695	26,232
35	20	98 064	41 321,395	1 089 316,763	26,362	25,900
36	21	97 967	40 273,767	1 047 995,369	26,022	25,559
37	22	97 867	39 251,237	1 007 721,602	25,674	25,211
38	23	97 755	38 250,139	968 470,365	25,319	24,857
39	24	97 633	37 270,658	930 220,226	24,959	24,496
40	25	97 507	36 314,576	892 949,568	24,589	24,127
41	26	97 368	35 378,272	856 634,991	24,214	23,751
42	27	97 220	34 462,864	821 256,720	23,830	23,368
43	28	97 059	33 566,640	786 793,856	23,440	22,977
44	29	96 886	32 689,813	753 227,216	23,042	22,579
45	30	96 687	31 826,920	720 537,403	22,639	22,177
46	31	96 467	30 980,007	688 710,483	22,231	21,768
47	32	96 227	30 149,064	657 730,476	21,816	21,354
48	33	95 966	29 334,017	627 581,412	21,394	20,932
49	34	95 677	28 532,272	598 247,395	20,967	20,505
50	35	95 354	27 742,386	569 715,124	20,536	20,073
51	36	94 997	26 964,653	541 972,738	20,099	19,637
52	37	94 602	26 197,573	515 008,085	19,659	19,196
53	38	94 166	25 440,695	488 810,512	19,214	18,751
54	39	93 667	24 688,698	463 369,817	18,768	18,306
55	40	93 113	23 944,081	438 681,119	18,321	17,859
56	41	92 499	23 206,038	414 737,038	17,872	17,410
57	42	91 822	22 474,250	391 531,000	17,421	16,959
58	43	91 076	21 748,052	369 056,750	16,970	16,507
59	44	90 251	21 025,441	347 308,698	16,518	16,056
60	45	89 358	20 309,570	326 283,257	16,065	15,603
61	46	88 377	19 596,810	305 973,687	15,613	15,151
62	47	87 315	18 888,921	286 376,877	15,161	14,699
63	48	86 154	18 183,209	267 487,956	14,711	14,248
64	49	84 900	17 481,576	249 304,747	14,261	13,799
65	50	83 544	16 782,729	231 823,171	13,813	13,351
66	51	82 103	16 091,023	215 040,442	13,364	12,902
67	52	80 567	15 404,790	198 949,418	12,915	12,452
68	53	78 932	14 724,166	183 544,628	12,466	12,003
69	54	77 219	14 053,340	168 820,462	12,013	11,550
70	55	75 372	13 382,521	154 767,122	11,565	11,102
71	56	73 452	12 723,502	141 384,602	11,112	10,650
72	57	71 386	12 064,012	128 661,100	10,665	10,202
73	58	69 244	11 416,613	116 597,087	10,213	9,751
74	59	66 961	10 770,927	105 180,475	9,765	9,303
75	60	64 574	10 133,653	94 409,548	9,316	8,854
76	61	62 073	9 503,683	84 275,895	8,868	8,405
77	62	59 426	8 876,464	74 772,212	8,424	7,961
78	63	56 658	8 256,579	65 895,748	7,981	7,519
79	64	53 717	7 637,042	57 639,169	7,547	7,085
80	65	50 625	7 021,883	50 002,127	7,121	6,658
81	66	47 388	6 412,564	42 980,244	6,703	6,240
82	67	43 941	5 801,161	36 567,680	6,304	5,841
83	68	40 362	5 198,697	30 766,519	5,918	5,456
84	69	36 686	4 609,965	25 567,822	5,546	5,084
85	70	32 926	4 036,596	20 957,856	5,192	4,730
86	71	29 108	3 481,475	16 921,260	4,860	4,398
87	72	25 330	2 955,698	13 439,786	4,547	4,085
88	73	21 658	2 465,597	10 484,088	4,252	3,790
89	74	18 135	2 014,144	8 018,491	3,981	3,519
90	75	14 870	1 611,296	6 004,347	3,726	3,264
91	76	11 936	1 261,837	4 393,051	3,481	3,019
92	77	9 354	964,719	3 131,214	3,246	2,783
93	78	7 073	711,718	2 166,494	3,044	2,582
94	79	5 205	510,919	1 454,777	2,847	2,385
95	80	3 680	352,436	943,858	2,678	2,216
96	81	2 517	235,183	591,422	2,515	2,052
97	82	1 633	148,844	356,239	2,393	1,931
98	83	1 030	91,580	207,395	2,265	1,802
99	84	621	53,867	115,814	2,150	1,688
100	85	358	30,273	61,948	2,046	1,584

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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16	0	99 474	67 007,981	2 112 629,766	31,528	31,066
17	1	99 150	65 161,040	2 045 621,785	31,393	30,931
18	2	99 098	63 538,522	1 980 460,745	31,169	30,707
19	3	99 048	61 957,352	1 916 922,223	30,939	30,477
20	4	98 999	60 415,928	1 854 964,871	30,703	30,241
21	5	98 946	58 911,278	1 794 548,943	30,462	29,999
22	6	98 897	57 446,008	1 735 637,665	30,213	29,751
23	7	98 844	56 014,505	1 678 191,657	29,960	29,498
24	8	98 799	54 623,379	1 622 177,152	29,697	29,235
25	9	98 745	53 262,084	1 567 553,773	29,431	28,969
26	10	98 696	51 937,076	1 514 291,689	29,156	28,694
27	11	98 645	50 644,105	1 462 354,613	28,875	28,413
28	12	98 591	49 382,245	1 411 710,508	28,587	28,125
29	13	98 536	48 150,660	1 362 328,263	28,293	27,831
30	14	98 475	46 947,325	1 314 177,604	27,993	27,530
31	15	98 411	45 772,334	1 267 230,279	27,686	27,223
32	16	98 338	44 623,003	1 221 457,945	27,373	26,910
33	17	98 261	43 500,630	1 176 834,942	27,053	26,591
34	18	98 176	42 402,812	1 133 334,312	26,728	26,265
35	19	98 081	41 328,619	1 090 931,500	26,397	25,934
36	20	97 985	40 281,214	1 049 602,881	26,057	25,594
37	21	97 883	39 257,710	1 009 321,667	25,710	25,248
38	22	97 771	38 256,368	970 063,957	25,357	24,895
39	23	97 651	37 277,366	931 807,589	24,997	24,534
40	24	97 525	36 321,112	894 530,223	24,628	24,166
41	25	97 386	35 385,003	858 209,111	24,253	23,791
42	26	97 238	34 469,351	822 824,108	23,871	23,409
43	27	97 080	33 573,864	788 354,757	23,481	23,019
44	28	96 909	32 697,518	754 780,893	23,084	22,621
45	29	96 712	31 835,158	722 083,375	22,682	22,220
46	30	96 498	30 989,835	690 248,217	22,273	21,811
47	31	96 257	30 158,533	659 258,382	21,860	21,397
48	32	95 999	29 344,071	629 099,849	21,439	20,976
49	33	95 711	28 542,557	599 755,777	21,013	20,550
50	34	95 392	27 753,654	571 213,221	20,582	20,119
51	35	95 037	26 975,770	543 459,567	20,146	19,684
52	36	94 646	26 209,590	516 483,797	19,706	19,243
53	37	94 211	25 452,777	490 274,207	19,262	18,800
54	38	93 724	24 703,600	464 821,430	18,816	18,354
55	39	93 169	23 958,484	440 117,830	18,370	17,908
56	40	92 563	23 221,961	416 159,346	17,921	17,459
57	41	91 890	22 490,899	392 937,385	17,471	17,009
58	42	91 148	21 765,328	370 446,486	17,020	16,558
59	43	90 333	21 044,551	348 681,158	16,569	16,106
60	44	89 445	20 329,301	327 636,607	16,116	15,654
61	45	88 479	19 619,416	307 307,306	15,663	15,201
62	46	87 421	18 911,946	287 687,889	15,212	14,750
63	47	86 272	18 208,160	268 775,943	14,761	14,299
64	48	85 036	17 509,487	250 567,784	14,310	13,848
65	49	83 690	16 812,118	233 058,296	13,863	13,400
66	50	82 255	16 120,899	216 246,178	13,414	12,952
67	51	80 740	15 437,869	200 125,279	12,963	12,501
68	52	79 117	14 758,597	184 687,410	12,514	12,051
69	53	77 418	14 089,517	169 928,813	12,061	11,598
70	54	75 590	13 421,291	155 839,296	11,611	11,149
71	55	73 691	12 764,930	142 418,005	11,157	10,695
72	56	71 642	12 107,320	129 653,075	10,709	10,246
73	57	69 516	11 461,589	117 545,756	10,256	9,793
74	58	67 253	10 817,979	106 084,166	9,806	9,344
75	59	64 879	10 181,571	95 266,188	9,357	8,894
76	60	62 403	9 554,090	85 084,617	8,906	8,443
77	61	59 766	8 927,223	75 530,527	8,461	7,998
78	62	57 008	8 307,541	66 603,304	8,017	7,555
79	63	54 082	7 688,934	58 295,763	7,582	7,119
80	64	51 006	7 074,750	50 606,829	7,153	6,691
81	65	47 768	6 464,086	43 532,079	6,734	6,272
82	66	44 330	5 852,441	37 067,993	6,334	5,871
83	67	40 749	5 248,464	31 215,552	5,948	5,485
84	68	37 074	4 658,722	25 967,088	5,574	5,111
85	69	33 311	4 083,783	21 308,366	5,218	4,755
86	70	29 480	3 525,897	17 224,583	4,885	4,423
87	71	25 682	2 996,758	13 698,686	4,571	4,109
88	72	21 984	2 502,671	10 701,928	4,276	3,814
89	73	18 438	2 047,760	8 199,257	4,004	3,542
90	74	15 141	1 640,569	6 151,497	3,750	3,287
91	75	12 171	1 286,580	4 510,928	3,506	3,044
92	76	9 560	985,983	3 224,348	3,270	2,808
93	77	7 246	729,067	2 238,365	3,070	2,608
94	78	5 352	525,338	1 509,298	2,873	2,411
95	79	3 799	363,867	983,960	2,704	2,242
96	80	2 612	244,083	620,093	2,541	2,078
97	81	1 706	155,479	376,011	2,418	1,956
98	82	1 083	96,337	220,531	2,289	1,827
99	83	658	57,105	124,194	2,175	1,712
100	84	383	32,383	67,089	2,072	1,609

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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17	0	99 449	65 357,462	2 047 392,145	31,326	30,864
18	1	99 123	63 554,280	1 982 034,683	31,186	30,724
19	2	99 060	61 965,050	1 918 480,404	30,961	30,498
20	3	99 009	60 422,159	1 856 515,354	30,726	30,263
21	4	98 956	58 916,916	1 796 093,195	30,485	30,023
22	5	98 906	57 451,126	1 737 176,279	30,237	29,775
23	6	98 853	56 019,460	1 679 725,153	29,985	29,522
24	7	98 803	54 625,917	1 623 705,693	29,724	29,262
25	8	98 752	53 265,796	1 569 079,776	29,458	28,995
26	9	98 702	51 940,253	1 515 813,981	29,184	28,721
27	10	98 650	50 647,067	1 463 873,728	28,903	28,441
28	11	98 599	49 386,064	1 413 226,660	28,616	28,153
29	12	98 544	48 154,441	1 363 840,596	28,322	27,860
30	13	98 484	46 951,748	1 315 686,156	28,022	27,560
31	14	98 420	45 776,555	1 268 734,407	27,716	27,253
32	15	98 350	44 628,433	1 222 957,853	27,403	26,941
33	16	98 276	43 507,036	1 178 329,420	27,084	26,621
34	17	98 190	42 408,587	1 134 822,383	26,759	26,297
35	18	98 101	41 336,763	1 092 413,797	26,427	25,965
36	19	98 003	40 288,256	1 051 077,034	26,089	25,626
37	20	97 901	39 264,969	1 010 788,778	25,743	25,280
38	21	97 787	38 262,677	971 523,808	25,391	24,928
39	22	97 667	37 283,437	933 261,131	25,032	24,569
40	23	97 542	36 327,649	895 977,695	24,664	24,201
41	24	97 404	35 391,371	859 650,045	24,290	23,827
42	25	97 256	34 475,909	824 258,674	23,908	23,446
43	26	97 098	33 580,184	789 782,765	23,519	23,057
44	27	96 930	32 704,555	756 202,581	23,122	22,660
45	28	96 735	31 842,661	723 498,025	22,721	22,259
46	29	96 523	30 997,856	691 655,364	22,313	21,851
47	30	96 287	30 168,100	660 657,508	21,899	21,437
48	31	96 029	29 353,288	630 489,408	21,479	21,017
49	32	95 744	28 552,339	601 136,119	21,054	20,591
50	33	95 427	27 763,658	572 583,780	20,623	20,161
51	34	95 075	26 986,727	544 820,122	20,188	19,726
52	35	94 685	26 220,396	517 833,396	19,749	19,287
53	36	94 254	25 464,452	491 612,999	19,306	18,843
54	37	93 768	24 715,332	466 148,547	18,861	18,398
55	38	93 225	23 972,946	441 433,215	18,414	17,951
56	39	92 618	23 235,930	417 460,270	17,966	17,504
57	40	91 953	22 506,331	394 224,340	17,516	17,054
58	41	91 216	21 781,452	371 718,009	17,066	16,603
59	42	90 405	21 061,269	349 936,557	16,615	16,153
60	43	89 526	20 347,778	328 875,288	16,163	15,700
61	44	88 565	19 638,477	308 527,510	15,710	15,248
62	45	87 522	18 933,762	288 889,033	15,258	14,795
63	46	86 377	18 230,355	269 955,271	14,808	14,346
64	47	85 152	17 533,514	251 724,915	14,357	13,894
65	48	83 824	16 838,960	234 191,402	13,908	13,445
66	49	82 399	16 149,128	217 352,441	13,459	12,997
67	50	80 889	15 466,532	201 203,313	13,009	12,547
68	51	79 287	14 790,289	185 736,781	12,558	12,096
69	52	77 599	14 122,464	170 946,493	12,105	11,642
70	53	75 785	13 455,841	156 824,029	11,655	11,192
71	54	73 904	12 801,911	143 368,188	11,199	10,737
72	55	71 875	12 146,741	130 566,277	10,749	10,287
73	56	69 766	11 502,734	118 419,536	10,295	9,832
74	57	67 518	10 860,597	106 916,802	9,844	9,382
75	58	65 163	10 226,048	96 056,205	9,393	8,931
76	59	62 698	9 599,267	85 830,156	8,941	8,479
77	60	60 083	8 974,573	76 230,889	8,494	8,032
78	61	57 334	8 355,047	67 256,316	8,050	7,587
79	62	54 416	7 736,392	58 901,269	7,614	7,151
80	63	51 352	7 122,821	51 164,877	7,183	6,721
81	64	48 128	6 512,754	44 042,056	6,762	6,300
82	65	44 686	5 899,462	37 529,302	6,361	5,899
83	66	41 109	5 294,858	31 629,840	5,974	5,511
84	67	37 429	4 703,320	26 334,982	5,599	5,137
85	68	33 664	4 126,974	21 631,662	5,242	4,779
86	69	29 824	3 567,113	17 504,687	4,907	4,445
87	70	26 010	3 034,996	13 937,574	4,592	4,130
88	71	22 289	2 537,438	10 902,578	4,297	3,834
89	72	18 715	2 078,551	8 365,140	4,025	3,562
90	73	15 393	1 667,951	6 286,589	3,769	3,307
91	74	12 392	1 309,953	4 618,639	3,526	3,063
92	75	9 748	1 005,316	3 308,685	3,291	2,829
93	76	7 406	745,136	2 303,369	3,091	2,629
94	77	5 482	538,144	1 558,232	2,896	2,433
95	78	3 907	374,136	1 020,088	2,727	2,264
96	79	2 697	251,999	645,952	2,563	2,101
97	80	1 770	161,363	393,953	2,441	1,979
98	81	1 132	100,631	232,590	2,311	1,849
99	82	692	60,072	131,959	2,197	1,734
100	83	406	34,330	71,887	2,094	1,632

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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18	0	99 422	63 745,858	1 983 668,781	31,118	30,656
19	1	99 085	61 980,417	1 919 922,923	30,976	30,514
20	2	99 021	60 429,666	1 857 942,506	30,746	30,283
21	3	98 966	58 922,992	1 797 512,839	30,506	30,044
22	4	98 916	57 456,623	1 738 589,847	30,259	29,797
23	5	98 861	56 024,451	1 681 133,224	30,007	29,545
24	6	98 812	54 630,749	1 625 108,773	29,747	29,285
25	7	98 756	53 268,270	1 570 478,023	29,482	29,020
26	8	98 709	51 943,873	1 517 209,753	29,209	28,746
27	9	98 656	50 650,166	1 465 265,880	28,929	28,467
28	10	98 605	49 388,953	1 414 615,715	28,642	28,180
29	11	98 551	48 158,165	1 365 226,762	28,349	27,886
30	12	98 492	46 955,435	1 317 068,597	28,049	27,587
31	13	98 429	45 780,868	1 270 113,162	27,743	27,281
32	14	98 359	44 632,548	1 224 332,294	27,431	26,969
33	15	98 288	43 512,330	1 179 699,745	27,112	26,649
34	16	98 204	42 414,832	1 136 187,415	26,788	26,325
35	17	98 114	41 342,392	1 093 772,583	26,456	25,994
36	18	98 022	40 296,195	1 052 430,191	26,117	25,655
37	19	97 918	39 271,834	1 012 133,996	25,773	25,310
38	20	97 805	38 269,753	972 862,162	25,421	24,959
39	21	97 683	37 289,586	934 592,409	25,063	24,601
40	22	97 558	36 333,565	897 302,824	24,696	24,234
41	23	97 421	35 397,742	860 969,259	24,323	23,860
42	24	97 274	34 482,114	825 571,518	23,942	23,480
43	25	97 116	33 586,573	791 089,404	23,554	23,091
44	26	96 948	32 710,711	757 502,831	23,158	22,695
45	27	96 756	31 849,515	724 792,120	22,757	22,294
46	28	96 545	31 005,162	692 942,605	22,349	21,887
47	29	96 312	30 175,909	661 937,443	21,936	21,474
48	30	96 059	29 362,600	631 761,534	21,516	21,053
49	31	95 774	28 561,308	602 398,933	21,091	20,629
50	32	95 459	27 773,174	573 837,626	20,662	20,199
51	33	95 109	26 996,454	546 064,452	20,227	19,765
52	34	94 723	26 231,046	519 067,998	19,788	19,326
53	35	94 293	25 474,951	492 836,952	19,346	18,884
54	36	93 811	24 726,669	467 362,001	18,901	18,439
55	37	93 270	23 984,330	442 635,332	18,455	17,993
56	38	92 674	23 249,955	418 651,002	18,007	17,544
57	39	92 008	22 519,869	395 401,047	17,558	17,095
58	40	91 279	21 796,398	372 881,178	17,107	16,645
59	41	90 472	21 076,871	351 084,780	16,657	16,195
60	42	89 597	20 363,943	330 007,909	16,206	15,743
61	43	88 646	19 656,326	309 643,966	15,753	15,290
62	44	87 607	18 952,157	289 987,640	15,301	14,839
63	45	86 477	18 251,385	271 035,483	14,850	14,388
64	46	85 256	17 554,887	252 784,098	14,400	13,937
65	47	83 939	16 862,066	235 229,211	13,950	13,488
66	48	82 531	16 174,912	218 367,145	13,500	13,038
67	49	81 031	15 493,616	202 192,233	13,050	12,588
68	50	79 434	14 817,749	186 698,617	12,600	12,137
69	51	77 766	14 152,789	171 880,868	12,145	11,682
70	52	75 962	13 487,306	157 728,079	11,695	11,232
71	53	74 094	12 834,867	144 240,773	11,238	10,776
72	54	72 083	12 181,931	131 405,906	10,787	10,325
73	55	69 993	11 540,187	119 223,975	10,331	9,869
74	56	67 760	10 899,584	107 683,788	9,880	9,417
75	57	65 419	10 266,335	96 784,204	9,427	8,965
76	58	62 972	9 641,201	86 517,869	8,974	8,511
77	59	60 367	9 017,010	76 876,668	8,526	8,063
78	60	57 638	8 399,362	67 859,658	8,079	7,617
79	61	54 727	7 780,632	59 460,296	7,642	7,180
80	62	51 669	7 166,786	51 679,664	7,211	6,749
81	63	48 455	6 557,006	44 512,879	6,789	6,326
82	64	45 022	5 943,879	37 955,872	6,386	5,923
83	65	41 439	5 337,400	32 011,994	5,998	5,535
84	66	37 760	4 744,895	26 674,594	5,622	5,159
85	67	33 986	4 166,482	21 929,699	5,263	4,801
86	68	30 140	3 604,840	17 763,217	4,928	4,465
87	69	26 314	3 070,474	14 158,377	4,611	4,149
88	70	22 574	2 569,815	11 087,903	4,315	3,852
89	71	18 975	2 107,426	8 518,088	4,042	3,580
90	72	15 625	1 693,030	6 410,662	3,787	3,324
91	73	12 598	1 331,817	4 717,631	3,542	3,080
92	74	9 925	1 023,580	3 385,814	3,308	2,845
93	75	7 551	759,747	2 362,234	3,109	2,647
94	76	5 603	550,006	1 602,487	2,914	2,451
95	77	4 002	383,256	1 052,481	2,746	2,284
96	78	2 773	259,111	669,225	2,583	2,120
97	79	1 828	166,596	410,114	2,462	1,999
98	80	1 174	104,440	243,517	2,332	1,869
99	81	723	62,749	139,078	2,216	1,754
100	82	427	36,113	76,328	2,114	1,651

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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19	0	99 384	62 167,251	1 921 431,565	30,907	30,445
20	1	99 046	60 444,653	1 859 264,314	30,760	30,297
21	2	98 978	58 930,313	1 798 819,661	30,525	30,062
22	3	98 926	57 462,550	1 739 889,349	30,279	29,816
23	4	98 871	56 029,812	1 682 426,799	30,027	29,565
24	5	98 821	54 635,616	1 626 396,987	29,768	29,306
25	6	98 765	53 272,983	1 571 761,371	29,504	29,041
26	7	98 713	51 946,286	1 518 488,388	29,232	28,769
27	8	98 663	50 653,695	1 466 542,102	28,952	28,490
28	9	98 611	49 391,974	1 415 888,406	28,666	28,204
29	10	98 557	48 160,982	1 366 496,432	28,374	27,911
30	11	98 500	46 959,066	1 318 335,450	28,074	27,612
31	12	98 437	45 784,463	1 271 376,384	27,769	27,306
32	13	98 369	44 636,754	1 225 591,920	27,457	26,995
33	14	98 297	43 516,343	1 180 955,167	27,138	26,676
34	15	98 216	42 419,993	1 137 438,824	26,814	26,351
35	16	98 128	41 348,480	1 095 018,831	26,483	26,020
36	17	98 035	40 301,683	1 053 670,350	26,145	25,682
37	18	97 938	39 279,573	1 013 368,667	25,799	25,336
38	19	97 822	38 276,443	974 089,095	25,449	24,986
39	20	97 701	37 296,481	935 812,652	25,091	24,629
40	21	97 574	36 339,557	898 516,171	24,726	24,263
41	22	97 437	35 403,506	862 176,614	24,353	23,890
42	23	97 291	34 488,320	826 773,108	23,973	23,510
43	24	97 134	33 592,618	792 284,788	23,585	23,123
44	25	96 967	32 716,935	758 692,171	23,190	22,727
45	26	96 774	31 855,510	725 975,236	22,790	22,327
46	27	96 566	31 011,835	694 119,726	22,382	21,920
47	28	96 335	30 183,021	663 107,890	21,970	21,507
48	29	96 084	29 370,200	632 924,869	21,550	21,087
49	30	95 804	28 570,368	603 554,669	21,125	20,663
50	31	95 489	27 781,897	574 984,301	20,696	20,234
51	32	95 142	27 005,707	547 202,403	20,262	19,800
52	33	94 757	26 240,501	520 196,696	19,824	19,362
53	34	94 331	25 485,298	493 956,195	19,382	18,920
54	35	93 850	24 736,864	468 470,897	18,938	18,476
55	36	93 312	23 995,332	443 734,033	18,493	18,030
56	37	92 718	23 260,996	419 738,701	18,045	17,582
57	38	92 064	22 533,462	396 477,705	17,595	17,133
58	39	91 333	21 809,508	373 944,243	17,146	16,684
59	40	90 534	21 091,333	352 134,734	16,696	16,233
60	41	89 663	20 379,028	331 043,401	16,244	15,782
61	42	88 716	19 671,941	310 664,373	15,792	15,330
62	43	87 687	18 969,382	290 992,432	15,340	14,878
63	44	86 561	18 269,117	272 023,049	14,890	14,427
64	45	85 354	17 575,138	253 753,933	14,438	13,976
65	46	84 041	16 882,621	236 178,795	13,989	13,527
66	47	82 644	16 197,107	219 296,174	13,539	13,077
67	48	81 160	15 518,353	203 099,067	13,088	12,625
68	49	79 573	14 843,697	187 580,714	12,637	12,175
69	50	77 910	14 179,066	172 737,017	12,183	11,720
70	51	76 125	13 516,267	158 557,952	11,731	11,268
71	52	74 268	12 864,880	145 041,684	11,274	10,812
72	53	72 269	12 213,291	132 176,804	10,822	10,360
73	54	70 196	11 573,620	119 963,513	10,365	9,903
74	55	67 981	10 935,074	108 389,893	9,912	9,450
75	56	65 654	10 303,189	97 454,820	9,459	8,996
76	57	63 220	9 679,183	87 151,631	9,004	8,542
77	58	60 631	9 056,400	77 472,448	8,554	8,092
78	59	57 910	8 439,079	68 416,048	8,107	7,645
79	60	55 017	7 821,900	59 976,968	7,668	7,205
80	61	51 965	7 207,768	52 155,069	7,236	6,774
81	62	48 754	6 597,478	44 947,301	6,813	6,350
82	63	45 328	5 984,266	38 349,822	6,408	5,946
83	64	41 751	5 377,585	32 365,556	6,019	5,556
84	65	38 063	4 783,018	26 987,972	5,642	5,180
85	66	34 286	4 203,312	22 204,954	5,283	4,820
86	67	30 428	3 639,349	18 001,642	4,946	4,484
87	68	26 592	3 102,948	14 362,293	4,629	4,166
88	69	22 838	2 599,855	11 259,344	4,331	3,868
89	70	19 217	2 134,316	8 659,489	4,057	3,595
90	71	15 842	1 716,550	6 525,173	3,801	3,339
91	72	12 788	1 351,842	4 808,623	3,557	3,095
92	73	10 090	1 040,664	3 456,780	3,322	2,859
93	74	7 688	773,550	2 416,116	3,123	2,661
94	75	5 713	560,791	1 642,567	2,929	2,467
95	76	4 090	391,703	1 081,776	2,762	2,299
96	77	2 841	265,428	690,073	2,600	2,137
97	78	1 879	171,298	424,645	2,479	2,017
98	79	1 212	107,827	253,347	2,350	1,887
99	80	751	65,124	145,520	2,235	1,772
100	81	446	37,723	80,396	2,131	1,669

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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20	0	99 344	60 626,857	1 860 657,435	30,690	30,228
21	1	99 003	58 944,928	1 800 030,577	30,537	30,075
22	2	98 938	57 469,689	1 741 085,650	30,296	29,833
23	3	98 881	56 035,591	1 683 615,961	30,045	29,583
24	4	98 830	54 640,845	1 627 580,370	29,787	29,324
25	5	98 774	53 277,729	1 572 939,525	29,523	29,061
26	6	98 722	51 950,882	1 519 661,796	29,252	28,789
27	7	98 668	50 656,049	1 467 710,915	28,974	28,512
28	8	98 618	49 395,417	1 417 054,866	28,688	28,226
29	9	98 563	48 163,928	1 367 659,450	28,396	27,934
30	10	98 506	46 961,813	1 319 495,521	28,097	27,635
31	11	98 445	45 788,004	1 272 533,708	27,792	27,329
32	12	98 376	44 640,259	1 226 745,704	27,481	27,018
33	13	98 306	43 520,443	1 182 105,445	27,162	26,700
34	14	98 225	42 423,905	1 138 585,002	26,838	26,376
35	15	98 140	41 353,512	1 096 161,097	26,507	26,045
36	16	98 050	40 307,618	1 054 807,585	26,169	25,707
37	17	97 951	39 284,922	1 014 499,967	25,824	25,362
38	18	97 842	38 283,986	975 215,046	25,473	25,011
39	19	97 718	37 303,001	936 931,060	25,117	24,654
40	20	97 592	36 346,277	899 628,059	24,752	24,289
41	21	97 453	35 409,344	863 281,782	24,380	23,918
42	22	97 307	34 493,936	827 872,438	24,001	23,538
43	23	97 151	33 598,664	793 378,502	23,613	23,151
44	24	96 984	32 722,823	759 779,837	23,219	22,756
45	25	96 792	31 861,571	727 057,014	22,819	22,357
46	26	96 584	31 017,673	695 195,443	22,413	21,950
47	27	96 356	30 189,518	664 177,771	22,000	21,538
48	28	96 107	29 377,123	633 988,253	21,581	21,119
49	29	95 829	28 577,763	604 611,130	21,157	20,694
50	30	95 520	27 790,711	576 033,367	20,728	20,265
51	31	95 172	27 014,190	548 242,657	20,295	19,832
52	32	94 790	26 249,495	521 228,467	19,857	19,394
53	33	94 365	25 494,484	494 978,972	19,415	18,953
54	34	93 888	24 746,911	469 484,487	18,971	18,509
55	35	93 351	24 005,225	444 737,577	18,527	18,064
56	36	92 761	23 271,666	420 732,351	18,079	17,617
57	37	92 107	22 544,163	397 460,685	17,630	17,168
58	38	91 389	21 822,673	374 916,522	17,180	16,718
59	39	90 589	21 104,020	353 093,849	16,731	16,269
60	40	89 725	20 393,012	331 989,829	16,280	15,817
61	41	88 782	19 686,514	311 596,817	15,828	15,366
62	42	87 756	18 984,451	291 910,303	15,376	14,914
63	43	86 639	18 285,721	272 925,852	14,926	14,463
64	44	85 437	17 592,212	254 640,130	14,475	14,012
65	45	84 138	16 902,097	237 047,918	14,025	13,562
66	46	82 745	16 216,851	220 145,822	13,575	13,113
67	47	81 272	15 539,647	203 928,971	13,123	12,661
68	48	79 700	14 867,396	188 389,324	12,671	12,209
69	49	78 047	14 203,895	173 521,928	12,217	11,754
70	50	76 266	13 541,362	159 318,033	11,765	11,303
71	51	74 427	12 892,505	145 776,670	11,307	10,845
72	52	72 438	12 241,851	132 884,166	10,855	10,392
73	53	70 377	11 603,414	120 642,315	10,397	9,935
74	54	68 178	10 966,753	109 038,901	9,943	9,480
75	55	65 868	10 336,736	98 072,148	9,488	9,025
76	56	63 447	9 713,930	87 735,412	9,032	8,569
77	57	60 870	9 092,079	78 021,482	8,581	8,119
78	58	58 163	8 475,944	68 929,404	8,132	7,670
79	59	55 277	7 858,886	60 453,459	7,692	7,230
80	60	52 241	7 245,998	52 594,573	7,258	6,796
81	61	49 033	6 635,205	45 348,575	6,835	6,372
82	62	45 608	6 021,203	38 713,370	6,430	5,967
83	63	42 035	5 414,124	32 692,167	6,038	5,576
84	64	38 350	4 819,029	27 278,043	5,660	5,198
85	65	34 562	4 237,083	22 459,014	5,301	4,838
86	66	30 697	3 671,520	18 221,931	4,963	4,501
87	67	26 847	3 132,653	14 550,411	4,645	4,182
88	68	23 079	2 627,352	11 417,759	4,346	3,883
89	69	19 442	2 159,266	8 790,406	4,071	3,609
90	70	16 044	1 738,453	6 631,141	3,814	3,352
91	71	12 966	1 370,622	4 892,688	3,570	3,107
92	72	10 242	1 056,312	3 522,066	3,334	2,872
93	73	7 816	786,461	2 465,754	3,135	2,673
94	74	5 817	570,979	1 679,293	2,941	2,479
95	75	4 170	399,384	1 108,315	2,775	2,313
96	76	2 903	271,278	708,931	2,613	2,151
97	77	1 925	175,474	437,653	2,494	2,032
98	78	1 247	110,870	262,179	2,365	1,902
99	79	775	67,236	151,309	2,250	1,788
100	80	463	39,150	84,073	2,147	1,685

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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21	0	99 301	59 122,611	1 801 317,294	30,467	30,005
22	1	98 963	57 483,941	1 742 194,682	30,308	29,845
23	2	98 893	56 042,553	1 684 710,741	30,061	29,599
24	3	98 841	54 646,480	1 628 668,188	29,804	29,341
25	4	98 783	53 282,827	1 574 021,708	29,541	29,078
26	5	98 731	51 955,510	1 520 738,881	29,270	28,808
27	6	98 677	50 660,530	1 468 783,371	28,993	28,530
28	7	98 622	49 397,711	1 418 122,841	28,708	28,246
29	8	98 570	48 167,285	1 368 725,129	28,416	27,954
30	9	98 512	46 964,686	1 320 557,845	28,118	27,656
31	10	98 450	45 790,682	1 273 593,158	27,813	27,351
32	11	98 384	44 643,711	1 227 802,476	27,502	27,040
33	12	98 314	43 523,861	1 183 158,765	27,184	26,722
34	13	98 234	42 427,902	1 139 634,904	26,861	26,398
35	14	98 149	41 357,325	1 097 207,002	26,530	26,068
36	15	98 062	40 312,523	1 055 849,677	26,192	25,729
37	16	97 965	39 290,707	1 015 537,154	25,847	25,384
38	17	97 855	38 289,199	976 246,447	25,497	25,034
39	18	97 737	37 310,352	937 957,248	25,139	24,677
40	19	97 609	36 352,631	900 646,896	24,775	24,313
41	20	97 471	35 415,892	864 294,265	24,404	23,942
42	21	97 323	34 499,625	828 878,373	24,026	23,563
43	22	97 167	33 604,135	794 378,748	23,639	23,177
44	23	97 002	32 728,713	760 774,613	23,245	22,782
45	24	96 810	31 867,305	728 045,900	22,846	22,384
46	25	96 603	31 023,574	696 178,595	22,440	21,978
47	26	96 374	30 195,200	665 155,020	22,029	21,566
48	27	96 128	29 383,445	634 959,820	21,609	21,147
49	28	95 852	28 584,499	605 576,375	21,185	20,723
50	29	95 544	27 797,904	576 991,876	20,757	20,294
51	30	95 202	27 022,759	549 193,972	20,323	19,861
52	31	94 820	26 257,740	522 171,213	19,886	19,424
53	32	94 397	25 503,223	495 913,473	19,445	18,983
54	33	93 922	24 755,831	470 410,250	19,002	18,540
55	34	93 389	24 014,975	445 654,419	18,557	18,095
56	35	92 799	23 281,261	421 639,443	18,111	17,648
57	36	92 150	22 554,505	398 358,182	17,662	17,200
58	37	91 432	21 833,036	375 803,678	17,213	16,750
59	38	90 643	21 116,758	353 970,642	16,763	16,300
60	39	89 779	20 405,278	332 853,883	16,312	15,850
61	40	88 843	19 700,023	312 448,605	15,860	15,398
62	41	87 821	18 998,515	292 748,582	15,409	14,947
63	42	86 708	18 300,247	273 750,067	14,959	14,496
64	43	85 515	17 608,202	255 449,820	14,507	14,045
65	44	84 220	16 918,517	237 841,618	14,058	13,596
66	45	82 840	16 235,558	220 923,101	13,607	13,145
67	46	81 371	15 558,589	204 687,543	13,156	12,693
68	47	79 809	14 887,797	189 128,953	12,704	12,241
69	48	78 171	14 226,573	174 241,156	12,248	11,785
70	49	76 400	13 565,075	160 014,583	11,796	11,334
71	50	74 565	12 916,441	146 449,508	11,338	10,876
72	51	72 593	12 268,138	133 533,067	10,885	10,422
73	52	70 541	11 630,547	121 264,929	10,426	9,964
74	53	68 353	10 994,985	109 634,382	9,971	9,509
75	54	66 059	10 366,683	98 639,397	9,515	9,053
76	55	63 653	9 745,558	88 272,714	9,058	8,595
77	56	61 088	9 124,717	78 527,156	8,606	8,144
78	57	58 393	8 509,336	69 402,439	8,156	7,694
79	58	55 519	7 893,217	60 893,103	7,715	7,252
80	59	52 488	7 280,261	52 999,885	7,280	6,818
81	60	49 293	6 670,398	45 719,624	6,854	6,392
82	61	45 869	6 055,634	39 049,226	6,448	5,986
83	62	42 294	5 447,542	32 993,592	6,057	5,594
84	63	38 610	4 851,773	27 546,050	5,678	5,215
85	64	34 822	4 268,984	22 694,277	5,316	4,854
86	65	30 944	3 701,018	18 425,293	4,978	4,516
87	66	27 084	3 160,344	14 724,275	4,659	4,197
88	67	23 300	2 652,504	11 563,931	4,360	3,897
89	68	19 647	2 182,103	8 911,427	4,084	3,621
90	69	16 231	1 758,775	6 729,324	3,826	3,364
91	70	13 131	1 388,111	4 970,550	3,581	3,118
92	71	10 384	1 070,986	3 582,439	3,345	2,883
93	72	7 934	798,286	2 511,453	3,146	2,684
94	73	5 914	580,508	1 713,167	2,951	2,489
95	74	4 246	406,640	1 132,658	2,785	2,323
96	75	2 960	276,597	726,018	2,625	2,162
97	76	1 967	179,341	449,421	2,506	2,044
98	77	1 277	113,573	270,080	2,378	1,916
99	78	797	69,134	156,507	2,264	1,801
100	79	478	40,420	87,373	2,162	1,699

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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22	0	99 261	57 657,221	1 743 383,396	30,237	29,775
23	1	98 918	56 056,452	1 685 726,175	30,072	29,610
24	2	98 853	54 653,270	1 629 669,724	29,818	29,356
25	3	98 794	53 288,323	1 575 016,454	29,557	29,094
26	4	98 740	51 960,482	1 521 728,131	29,286	28,824
27	5	98 685	50 665,043	1 469 767,650	29,010	28,547
28	6	98 631	49 402,081	1 419 102,606	28,726	28,263
29	7	98 574	48 169,522	1 369 700,525	28,435	27,973
30	8	98 518	46 967,959	1 321 531,002	28,137	27,674
31	9	98 456	45 793,484	1 274 563,043	27,833	27,370
32	10	98 390	44 646,323	1 228 769,560	27,522	27,060
33	11	98 322	43 527,226	1 184 123,237	27,204	26,742
34	12	98 242	42 431,234	1 140 596,010	26,881	26,419
35	13	98 159	41 361,222	1 098 164,776	26,551	26,088
36	14	98 071	40 316,240	1 056 803,554	26,213	25,750
37	15	97 977	39 295,488	1 016 487,314	25,868	25,405
38	16	97 869	38 294,838	977 191,826	25,518	25,055
39	17	97 751	37 315,433	938 896,988	25,161	24,699
40	18	97 628	36 359,794	901 581,555	24,796	24,334
41	19	97 488	35 422,084	865 221,761	24,426	23,964
42	20	97 341	34 506,004	829 799,677	24,048	23,586
43	21	97 183	33 609,677	795 293,673	23,663	23,200
44	22	97 017	32 734,042	761 683,995	23,269	22,806
45	23	96 827	31 873,041	728 949,953	22,870	22,408
46	24	96 620	31 029,157	697 076,912	22,465	22,003
47	25	96 392	30 200,945	666 047,754	22,054	21,591
48	26	96 146	29 388,976	635 846,809	21,636	21,173
49	27	95 872	28 590,651	606 457,833	21,212	20,749
50	28	95 567	27 804,456	577 867,182	20,783	20,321
51	29	95 227	27 029,754	550 062,726	20,350	19,888
52	30	94 850	26 266,070	523 032,972	19,913	19,450
53	31	94 427	25 511,233	496 766,902	19,472	19,010
54	32	93 954	24 764,316	471 255,669	19,030	18,567
55	33	93 422	24 023,632	446 491,353	18,586	18,123
56	34	92 837	23 290,717	422 467,721	18,139	17,676
57	35	92 188	22 563,804	399 177,004	17,691	17,229
58	36	91 474	21 843,051	376 613,201	17,242	16,779
59	37	90 686	21 126,787	354 770,149	16,792	16,330
60	38	89 833	20 417,595	333 643,363	16,341	15,879
61	39	88 896	19 711,872	313 225,768	15,890	15,428
62	40	87 881	19 011,551	293 513,895	15,439	14,976
63	41	86 772	18 313,804	274 502,344	14,989	14,526
64	42	85 583	17 622,189	256 188,540	14,538	14,075
65	43	84 296	16 933,894	238 566,350	14,088	13,626
66	44	82 921	16 251,332	221 632,456	13,638	13,175
67	45	81 465	15 576,537	205 381,124	13,185	12,723
68	46	79 907	14 905,945	189 804,587	12,733	12,271
69	47	78 279	14 246,095	174 898,642	12,277	11,815
70	48	76 522	13 586,733	160 652,548	11,824	11,362
71	49	74 696	12 939,060	147 065,815	11,366	10,904
72	50	72 728	12 290,915	134 126,755	10,913	10,450
73	51	70 693	11 655,522	121 835,840	10,453	9,991
74	52	68 513	11 020,696	110 180,318	9,998	9,535
75	53	66 229	10 393,369	99 159,622	9,541	9,078
76	54	63 838	9 773,792	88 766,253	9,082	8,620
77	55	61 287	9 154,427	78 992,461	8,629	8,166
78	56	58 602	8 539,883	69 838,034	8,178	7,715
79	57	55 737	7 924,313	61 298,151	7,735	7,273
80	58	52 717	7 312,064	53 373,837	7,299	6,837
81	59	49 526	6 701,940	46 061,773	6,873	6,410
82	60	46 112	6 087,753	39 359,833	6,465	6,003
83	61	42 536	5 478,693	33 272,080	6,073	5,611
84	62	38 849	4 881,720	27 793,387	5,693	5,231
85	63	35 059	4 297,991	22 911,668	5,331	4,868
86	64	31 177	3 728,883	18 613,677	4,992	4,529
87	65	27 301	3 185,736	14 884,794	4,672	4,210
88	66	23 506	2 675,951	11 699,058	4,372	3,910
89	67	19 835	2 202,992	9 023,107	4,096	3,633
90	68	16 403	1 777,376	6 820,115	3,837	3,375
91	69	13 284	1 404,337	5 042,739	3,591	3,128
92	70	10 517	1 084,652	3 638,402	3,354	2,892
93	71	8 044	809,376	2 553,750	3,155	2,693
94	72	6 003	589,237	1 744,375	2,960	2,498
95	73	4 317	413,427	1 155,137	2,794	2,332
96	74	3 014	281,622	741,711	2,634	2,171
97	75	2 006	182,858	460,088	2,516	2,054
98	76	1 305	116,076	277,230	2,388	1,926
99	77	816	70,819	161,154	2,276	1,813
100	78	491	41,561	90,335	2,174	1,711

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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23	0	99 216	56 225,428	1 686 824,619	30,001	29,539
24	1	98 877	54 666,824	1 630 599,190	29,828	29,366
25	2	98 806	53 294,943	1 575 932,367	29,570	29,108
26	3	98 750	51 965,841	1 522 637,423	29,301	28,838
27	4	98 695	50 669,892	1 470 671,582	29,025	28,562
28	5	98 640	49 406,483	1 420 001,691	28,741	28,279
29	6	98 583	48 173,784	1 370 595,208	28,451	27,989
30	7	98 523	46 970,141	1 322 421,424	28,155	27,692
31	8	98 463	45 796,675	1 275 451,283	27,850	27,388
32	9	98 396	44 649,054	1 229 654,608	27,540	27,078
33	10	98 327	43 529,773	1 185 005,554	27,223	26,760
34	11	98 250	42 434,516	1 141 475,781	26,900	26,437
35	12	98 166	41 364,470	1 099 041,265	26,570	26,107
36	13	98 080	40 320,039	1 057 676,795	26,232	25,770
37	14	97 986	39 299,112	1 017 356,757	25,888	25,425
38	15	97 881	38 299,498	978 057,645	25,537	25,075
39	16	97 765	37 320,928	939 758,147	25,180	24,718
40	17	97 642	36 364,746	902 437,219	24,816	24,354
41	18	97 508	35 429,064	866 072,473	24,445	23,983
42	19	97 358	34 512,037	830 643,410	24,068	23,606
43	20	97 201	33 615,892	796 131,373	23,683	23,221
44	21	97 033	32 739,441	762 515,480	23,290	22,828
45	22	96 843	31 878,231	729 776,039	22,893	22,430
46	23	96 638	31 034,743	697 897,808	22,488	22,025
47	24	96 410	30 206,381	666 863,066	22,077	21,614
48	25	96 164	29 394,568	636 656,685	21,659	21,197
49	26	95 890	28 596,033	607 262,117	21,236	20,773
50	27	95 588	27 810,440	578 666,084	20,808	20,345
51	28	95 249	27 036,125	550 855,644	20,375	19,912
52	29	94 874	26 272,868	523 819,520	19,938	19,475
53	30	94 457	25 519,326	497 546,651	19,497	19,034
54	31	93 983	24 772,095	472 027,325	19,055	18,592
55	32	93 454	24 031,866	447 255,231	18,611	18,149
56	33	92 870	23 299,112	423 223,365	18,165	17,702
57	34	92 225	22 572,968	399 924,252	17,717	17,255
58	35	91 512	21 852,057	377 351,284	17,268	16,806
59	36	90 728	21 136,478	355 499,227	16,819	16,357
60	37	89 876	20 427,291	334 362,749	16,368	15,906
61	38	88 950	19 723,771	313 935,458	15,917	15,454
62	39	87 934	19 022,987	294 211,688	15,466	15,004
63	40	86 832	18 326,371	275 188,701	15,016	14,554
64	41	85 646	17 635,244	256 862,330	14,565	14,103
65	42	84 363	16 947,346	239 227,086	14,116	13,653
66	43	82 996	16 266,102	222 279,739	13,665	13,203
67	44	81 544	15 591,670	206 013,637	13,213	12,751
68	45	79 999	14 923,140	190 421,967	12,760	12,298
69	46	78 374	14 263,461	175 498,827	12,304	11,842
70	47	76 627	13 605,376	161 235,366	11,851	11,388
71	48	74 815	12 959,718	147 629,990	11,391	10,929
72	49	72 856	12 312,438	134 670,272	10,938	10,475
73	50	70 824	11 677,162	122 357,834	10,478	10,016
74	51	68 660	11 044,360	110 680,672	10,021	9,559
75	52	66 384	10 417,673	99 636,311	9,564	9,102
76	53	64 002	9 798,952	89 218,638	9,105	8,642
77	54	61 465	9 180,948	79 419,686	8,650	8,188
78	55	58 793	8 567,689	70 238,737	8,198	7,736
79	56	55 938	7 952,760	61 671,048	7,755	7,292
80	57	52 925	7 340,871	53 718,288	7,318	6,855
81	58	49 742	6 731,216	46 377,417	6,890	6,427
82	59	46 330	6 116,540	39 646,201	6,482	6,019
83	60	42 762	5 507,751	33 529,661	6,088	5,625
84	61	39 071	4 909,635	28 021,910	5,708	5,245
85	62	35 275	4 324,519	23 112,274	5,344	4,882
86	63	31 389	3 754,220	18 787,755	5,004	4,542
87	64	27 507	3 209,721	15 033,535	4,684	4,221
88	65	23 695	2 697,451	11 823,814	4,383	3,921
89	66	20 011	2 222,465	9 126,364	4,106	3,644
90	67	16 560	1 794,391	6 903,898	3,847	3,385
91	68	13 425	1 419,190	5 109,507	3,600	3,138
92	69	10 640	1 097,331	3 690,317	3,363	2,901
93	70	8 147	819,703	2 592,986	3,163	2,701
94	71	6 086	597,423	1 773,283	2,968	2,506
95	72	4 382	419,643	1 175,860	2,802	2,340
96	73	3 064	286,323	756,217	2,641	2,179
97	74	2 042	186,180	469,894	2,524	2,061
98	75	1 331	118,352	283,714	2,397	1,935
99	76	834	72,380	165,362	2,285	1,822
100	77	503	42,574	92,982	2,184	1,722

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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24	0	99 175	54 831,611	1 631 614,514	29,757	29,294
25	1	98 830	53 308,161	1 576 782,903	29,579	29,116
26	2	98 763	51 972,297	1 523 474,742	29,313	28,851
27	3	98 705	50 675,118	1 471 502,445	29,038	28,576
28	4	98 649	49 411,210	1 420 827,328	28,755	28,293
29	5	98 592	48 178,076	1 371 416,117	28,466	28,003
30	6	98 532	46 974,297	1 323 238,041	28,169	27,707
31	7	98 468	45 798,803	1 276 263,745	27,867	27,404
32	8	98 403	44 652,166	1 230 464,942	27,557	27,094
33	9	98 333	43 532,436	1 185 812,776	27,240	26,777
34	10	98 255	42 436,998	1 142 280,341	26,917	26,455
35	11	98 174	41 367,669	1 099 843,343	26,587	26,125
36	12	98 088	40 323,205	1 058 475,674	26,250	25,787
37	13	97 996	39 302,815	1 018 152,469	25,905	25,443
38	14	97 890	38 303,029	978 849,654	25,555	25,093
39	15	97 777	37 325,469	940 546,625	25,199	24,736
40	16	97 656	36 370,101	903 221,155	24,834	24,372
41	17	97 521	35 433,888	866 851,054	24,464	24,001
42	18	97 377	34 518,838	831 417,166	24,086	23,623
43	19	97 218	33 621,769	796 898,328	23,702	23,239
44	20	97 051	32 745,495	763 276,559	23,309	22,847
45	21	96 859	31 883,489	730 531,064	22,913	22,450
46	22	96 653	31 039,796	698 647,575	22,508	22,046
47	23	96 427	30 211,818	667 607,779	22,098	21,635
48	24	96 181	29 399,858	637 395,962	21,680	21,218
49	25	95 909	28 601,474	607 996,104	21,258	20,795
50	26	95 605	27 815,675	579 394,630	20,830	20,367
51	27	95 270	27 041,944	551 578,955	20,397	19,935
52	28	94 897	26 279,061	524 537,012	19,960	19,498
53	29	94 481	25 525,931	498 257,951	19,520	19,057
54	30	94 013	24 779,953	472 732,019	19,077	18,615
55	31	93 484	24 039,414	447 952,066	18,634	18,172
56	32	92 902	23 307,098	423 912,652	18,188	17,726
57	33	92 258	22 581,105	400 605,554	17,741	17,278
58	34	91 549	21 860,933	378 024,449	17,292	16,830
59	35	90 765	21 145,192	356 163,517	16,844	16,381
60	36	89 917	20 436,662	335 018,324	16,393	15,931
61	37	88 992	19 733,137	314 581,663	15,942	15,479
62	38	87 987	19 034,470	294 848,526	15,490	15,028
63	39	86 884	18 337,394	275 814,056	15,041	14,579
64	40	85 705	17 647,345	257 476,662	14,590	14,128
65	41	84 426	16 959,901	239 829,317	14,141	13,679
66	42	83 062	16 279,024	222 869,416	13,691	13,228
67	43	81 618	15 605,841	206 590,392	13,238	12,776
68	44	80 076	14 937,638	190 984,551	12,785	12,323
69	45	78 464	14 279,914	176 046,913	12,328	11,866
70	46	76 720	13 621,961	161 766,998	11,875	11,413
71	47	74 918	12 977,501	148 145,037	11,416	10,953
72	48	72 972	12 332,096	135 167,536	10,961	10,498
73	49	70 948	11 697,610	122 835,440	10,501	10,038
74	50	68 788	11 064,866	111 137,829	10,044	9,582
75	51	66 526	10 440,043	100 072,964	9,585	9,123
76	52	64 152	9 821,866	89 632,920	9,126	8,663
77	53	61 623	9 204,583	79 811,054	8,671	8,208
78	54	58 963	8 592,510	70 606,471	8,217	7,755
79	55	56 120	7 978,654	62 013,961	7,772	7,310
80	56	53 114	7 367,223	54 035,307	7,335	6,872
81	57	49 938	6 757,735	46 668,083	6,906	6,443
82	58	46 532	6 143,259	39 910,349	6,497	6,034
83	59	42 964	5 533,795	33 767,089	6,102	5,640
84	60	39 278	4 935,676	28 233,294	5,720	5,258
85	61	35 477	4 349,248	23 297,618	5,357	4,894
86	62	31 582	3 777,392	18 948,370	5,016	4,554
87	63	27 694	3 231,530	15 170,978	4,695	4,232
88	64	23 873	2 717,760	11 939,448	4,393	3,931
89	65	20 171	2 240,322	9 221,688	4,116	3,654
90	66	16 707	1 810,253	6 981,366	3,857	3,394
91	67	13 553	1 432,776	5 171,114	3,609	3,147
92	68	10 752	1 108,937	3 738,337	3,371	2,909
93	69	8 242	829,285	2 629,401	3,171	2,708
94	70	6 164	605,046	1 800,116	2,975	2,513
95	71	4 443	425,473	1 195,070	2,809	2,346
96	72	3 110	290,628	769,597	2,648	2,186
97	73	2 077	189,287	478,969	2,530	2,068
98	74	1 355	120,502	289,682	2,404	1,942
99	75	851	73,799	169,180	2,292	1,830
100	76	514	43,513	95,380	2,192	1,730

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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25	0	99 128	53 468,853	1 577 721,700	29,507	29,045
26	1	98 787	51 985,186	1 524 252,847	29,321	28,858
27	2	98 717	50 681,414	1 472 267,660	29,049	28,587
28	3	98 659	49 416,307	1 421 586,247	28,768	28,305
29	4	98 601	48 182,686	1 372 169,940	28,478	28,016
30	5	98 541	46 978,482	1 323 987,254	28,183	27,720
31	6	98 476	45 802,854	1 277 008,773	27,881	27,418
32	7	98 407	44 654,240	1 231 205,918	27,572	27,110
33	8	98 340	43 535,469	1 186 551,678	27,255	26,792
34	9	98 261	42 439,594	1 143 016,209	26,933	26,470
35	10	98 180	41 370,089	1 100 576,615	26,603	26,141
36	11	98 095	40 326,323	1 059 206,526	26,266	25,803
37	12	98 003	39 305,901	1 018 880,202	25,922	25,459
38	13	97 900	38 306,638	979 574,301	25,572	25,110
39	14	97 786	37 328,911	941 267,663	25,216	24,753
40	15	97 668	36 374,527	903 938,751	24,851	24,388
41	16	97 535	35 439,107	867 564,225	24,480	24,018
42	17	97 391	34 523,538	832 125,118	24,103	23,641
43	18	97 237	33 628,394	797 601,579	23,718	23,256
44	19	97 068	32 751,220	763 973,185	23,327	22,864
45	20	96 877	31 889,384	731 221,965	22,930	22,468
46	21	96 669	31 044,915	699 332,581	22,526	22,064
47	22	96 443	30 216,737	668 287,666	22,116	21,654
48	23	96 199	29 405,150	638 070,929	21,699	21,237
49	24	95 926	28 606,621	608 665,779	21,277	20,815
50	25	95 624	27 820,967	580 059,158	20,850	20,387
51	26	95 288	27 047,034	552 238,191	20,418	19,955
52	27	94 917	26 284,717	525 191,157	19,981	19,518
53	28	94 504	25 531,948	498 906,440	19,540	19,078
54	29	94 038	24 786,367	473 374,492	19,098	18,636
55	30	93 513	24 047,040	448 588,125	18,655	18,192
56	31	92 931	23 314,419	424 541,085	18,209	17,747
57	32	92 290	22 588,845	401 226,666	17,762	17,300
58	33	91 582	21 868,813	378 637,822	17,314	16,852
59	34	90 802	21 153,781	356 769,009	16,865	16,403
60	35	89 954	20 445,088	335 615,229	16,415	15,953
61	36	89 033	19 742,189	315 170,141	15,964	15,502
62	37	88 029	19 043,509	295 427,952	15,513	15,051
63	38	86 937	18 348,463	276 384,443	15,063	14,601
64	39	85 757	17 657,960	258 035,980	14,613	14,151
65	40	84 484	16 971,539	240 378,021	14,164	13,701
66	41	83 124	16 291,084	223 406,482	13,713	13,251
67	42	81 683	15 618,238	207 115,399	13,261	12,799
68	43	80 149	14 951,215	191 497,160	12,808	12,346
69	44	78 541	14 293,788	176 545,945	12,351	11,889
70	45	76 809	13 637,675	162 252,158	11,897	11,435
71	46	75 009	12 993,321	148 614,483	11,438	10,975
72	47	73 072	12 349,018	135 621,162	10,982	10,520
73	48	71 061	11 716,286	123 272,144	10,521	10,059
74	49	68 908	11 084,242	111 555,857	10,064	9,602
75	50	66 650	10 459,427	100 471,615	9,606	9,143
76	51	64 289	9 842,957	90 012,189	9,145	8,682
77	52	61 767	9 226,107	80 169,232	8,689	8,227
78	53	59 115	8 614,630	70 943,125	8,235	7,773
79	54	56 282	8 001,769	62 328,495	7,789	7,327
80	55	53 287	7 391,211	54 326,726	7,350	6,888
81	56	50 118	6 781,994	46 935,515	6,921	6,458
82	57	46 716	6 167,461	40 153,521	6,511	6,048
83	58	43 152	5 557,969	33 986,060	6,115	5,652
84	59	39 464	4 959,015	28 428,091	5,733	5,270
85	60	35 665	4 372,317	23 469,076	5,368	4,905
86	61	31 763	3 798,993	19 096,760	5,027	4,564
87	62	27 865	3 251,476	15 297,767	4,705	4,242
88	63	24 035	2 736,226	12 046,291	4,403	3,940
89	64	20 323	2 257,189	9 310,065	4,125	3,662
90	65	16 841	1 824,797	7 052,876	3,865	3,403
91	66	13 673	1 445,441	5 228,079	3,617	3,155
92	67	10 855	1 119,552	3 782,637	3,379	2,916
93	68	8 329	838,056	2 663,085	3,178	2,715
94	69	6 236	612,118	1 825,029	2,981	2,519
95	70	4 499	430,902	1 212,911	2,815	2,352
96	71	3 154	294,665	782,009	2,654	2,191
97	72	2 108	192,134	487,343	2,536	2,074
98	73	1 378	122,513	295,210	2,410	1,947
99	74	866	75,140	172,696	2,298	1,836
100	75	524	44,366	97,557	2,199	1,736

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	3 181 261,873	31,813	31,350	50	50	94 053	24 225,867	448 001,006	18,493	18,030
1	1	99 344	96 685,460	3 081 261,873	31,869	31,406	51	51	93 566	23 455,561	423 775,139	18,067	17,604
2	2	99 292	94 048,437	2 984 576,413	31,734	31,272	52	52	93 020	22 694,556	400 319,578	17,639	17,177
3	3	99 264	91 505,668	2 890 527,976	31,589	31,126	53	53	92 419	21 944,387	377 625,022	17,208	16,745
4	4	99 243	89 037,726	2 799 022,309	31,436	30,974	54	54	91 749	21 202,165	355 680,635	16,776	16,313
5	5	99 223	86 637,199	2 709 984,583	31,280	30,817	55	55	90 997	20 465,720	334 478,469	16,343	15,881
6	6	99 204	84 302,461	2 623 347,384	31,118	30,655	56	56	90 166	19 735,949	314 012,749	15,911	15,448
7	7	99 187	82 031,475	2 539 044,923	30,952	30,489	57	57	89 251	19 012,955	294 276,800	15,478	15,015
8	8	99 174	79 825,400	2 457 013,449	30,780	30,317	58	58	88 249	18 296,334	275 263,845	15,045	14,582
9	9	99 158	77 676,897	2 377 188,049	30,604	30,141	59	59	87 149	17 584,596	256 967,511	14,613	14,150
10	10	99 144	75 587,280	2 299 511,152	30,422	29,959	60	60	85 963	16 881,187	239 382,915	14,180	13,718
11	11	99 130	73 554,131	2 223 923,872	30,235	29,772	61	61	84 669	16 182,030	222 501,727	13,750	13,287
12	12	99 115	71 574,454	2 150 369,741	30,044	29,581	62	62	83 277	15 489,931	206 319,698	13,320	12,857
13	13	99 101	69 648,571	2 078 795,288	29,847	29,384	63	63	81 777	14 803,965	190 829,767	12,890	12,428
14	14	99 082	67 771,612	2 009 146,717	29,646	29,183	64	64	80 171	14 124,792	176 025,802	12,462	11,999
15	15	99 059	65 942,744	1 941 375,105	29,440	28,977	65	65	78 438	13 449,570	161 901,010	12,038	11,575
16	16	99 031	64 159,786	1 875 432,361	29,231	28,768	66	66	76 613	12 785,029	148 451,440	11,611	11,149
17	17	98 992	62 417,969	1 811 272,575	29,018	28,556	67	67	74 681	12 129,009	135 666,412	11,185	10,722
18	18	98 951	60 722,456	1 748 854,605	28,801	28,338	68	68	72 641	11 482,036	123 537,403	10,759	10,296
19	19	98 894	59 062,997	1 688 132,149	28,582	28,119	69	69	70 502	10 845,691	112 055,367	10,332	9,869
20	20	98 837	57 449,333	1 629 069,152	28,357	27,894	70	70	68 217	10 213,314	101 209,676	9,910	9,447
21	21	98 777	55 877,283	1 571 619,819	28,126	27,663	71	71	65 856	9 595,837	90 996,362	9,483	9,020
22	22	98 720	54 350,781	1 515 742,536	27,888	27,425	72	72	63 353	8 984,099	81 400,525	9,061	8,598
23	23	98 659	52 863,533	1 461 391,755	27,645	27,182	73	73	60 780	8 388,572	72 416,426	8,633	8,170
24	24	98 601	51 418,368	1 408 528,222	27,393	26,931	74	74	58 064	7 799,204	64 027,854	8,210	7,747
25	25	98 537	50 009,444	1 357 109,854	27,137	26,674	75	75	55 255	7 223,288	56 228,650	7,784	7,322
26	26	98 475	48 640,424	1 307 100,410	26,873	26,410	76	76	52 370	6 662,954	49 005,362	7,355	6,892
27	27	98 411	47 307,985	1 258 459,986	26,601	26,139	77	77	49 336	6 108,926	42 342,408	6,931	6,468
28	28	98 344	46 010,668	1 211 152,001	26,323	25,860	78	78	46 202	5 567,750	36 233,483	6,508	6,045
29	29	98 274	44 746,981	1 165 141,333	26,038	25,576	79	79	42 891	5 030,378	30 665,732	6,096	5,633
30	30	98 197	43 515,392	1 120 394,352	25,747	25,284	80	80	39 447	4 502,633	25 635,355	5,693	5,231
31	31	98 111	42 313,548	1 076 878,960	25,450	24,987	81	81	35 864	3 984,109	21 132,722	5,304	4,841
32	32	98 019	41 142,784	1 034 565,412	25,146	24,683	82	82	32 118	3 472,469	17 148,613	4,938	4,476
33	33	97 924	40 002,541	993 422,628	24,834	24,371	83	83	28 314	2 979,238	13 676,143	4,590	4,128
34	34	97 817	38 889,410	953 420,087	24,516	24,053	84	84	24 532	2 512,257	10 696,905	4,258	3,795
35	35	97 702	37 804,093	914 530,677	24,191	23,728	85	85	20 824	2 075,424	8 184,648	3,944	3,481
36	36	97 583	36 747,637	876 726,584	23,858	23,395	86	86	17 225	1 670,770	6 109,224	3,657	3,194
37	37	97 455	35 717,002	839 978,947	23,518	23,055	87	87	13 872	1 309,581	4 438,454	3,389	2,926
38	38	97 313	34 710,529	804 261,945	23,171	22,708	88	88	10 836	995,605	3 128,874	3,143	2,680
39	39	97 150	33 725,112	769 551,416	22,818	22,356	89	89	8 172	730,669	2 133,269	2,920	2,457
40	40	96 984	32 766,221	735 826,304	22,457	21,994	90	90	5 939	516,805	1 402,600	2,714	2,251
41	41	96 797	31 827,956	703 060,083	22,089	21,627	91	91	4 144	350,943	885,796	2,524	2,061
42	42	96 597	30 911,897	671 232,127	21,714	21,252	92	92	2 762	227,698	534,853	2,349	1,886
43	43	96 381	30 017,382	640 320,230	21,332	20,869	93	93	1 739	139,473	307,155	2,202	1,739
44	44	96 145	29 142,527	610 302,848	20,942	20,479	94	94	1 041	81,237	167,682	2,064	1,601
45	45	95 879	28 284,083	581 160,321	20,547	20,084	95	95	585	44,431	86,445	1,946	1,483
46	46	95 581	27 441,515	552 876,238	20,147	19,685	96	96	310	22,937	42,015	1,832	1,369
47	47	95 257	26 616,426	525 434,724	19,741	19,278	97	97	150	10,806	19,078	1,766	1,303
48	48	94 901	25 807,313	498 818,298	19,329	18,866	98	98	70	4,891	8,272	1,691	1,229
49	49	94 498	25 009,979	473 010,984	18,913	18,450	99	99	31	2,090	3,382	1,618	1,155
							100	100	13	0,831	1,292	1,555	1,092

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 699	99 699,466	3 175 387,119	31,850	31,387	50	51	93 878	24 180,971	443 160,633	18,327	17,864
1	2	99 320	96 661,487	3 075 687,654	31,819	31,356	51	52	93 366	23 405,303	418 979,662	17,901	17,438
2	3	99 280	94 036,754	2 979 026,166	31,679	31,217	52	53	92 803	22 641,611	395 574,359	17,471	17,008
3	4	99 254	91 496,231	2 884 989,413	31,531	31,068	53	54	92 182	21 888,041	372 932,748	17,038	16,575
4	5	99 234	89 029,206	2 793 493,182	31,377	30,914	54	55	91 483	21 140,918	351 044,707	16,605	16,142
5	6	99 214	86 629,481	2 704 463,975	31,219	30,756	55	56	90 702	20 399,300	329 903,789	16,172	15,709
6	7	99 196	84 295,003	2 617 834,494	31,056	30,593	56	57	89 843	19 665,354	309 504,489	15,739	15,276
7	8	99 182	82 027,664	2 533 539,491	30,886	30,424	57	58	88 901	18 938,346	289 839,134	15,304	14,842
8	9	99 167	79 819,837	2 451 511,827	30,713	30,250	58	59	87 865	18 216,756	270 900,788	14,871	14,408
9	10	99 152	77 672,145	2 371 691,990	30,535	30,072	59	60	86 738	17 501,836	252 684,032	14,438	13,975
10	11	99 138	75 582,859	2 294 019,845	30,351	29,888	60	61	85 510	16 792,123	235 182,196	14,006	13,543
11	12	99 123	73 548,443	2 218 436,987	30,163	29,700	61	62	84 188	16 090,021	218 390,073	13,573	13,110
12	13	99 107	71 568,833	2 144 888,543	29,970	29,507	62	63	82 766	15 394,908	202 300,052	13,141	12,678
13	14	99 091	69 642,009	2 073 319,710	29,771	29,308	63	64	81 226	14 704,055	186 905,144	12,711	12,248
14	15	99 073	67 765,363	2 003 677,701	29,568	29,105	64	65	79 572	14 019,242	172 201,089	12,283	11,820
15	16	99 047	65 934,721	1 935 912,338	29,361	28,898	65	66	77 813	13 342,371	158 181,848	11,856	11,393
16	17	99 017	64 150,339	1 869 977,617	29,150	28,687	66	67	75 942	12 673,005	144 839,477	11,429	10,966
17	18	98 979	62 409,470	1 805 827,278	28,935	28,472	67	68	73 972	12 013,999	132 166,472	11,001	10,538
18	19	98 932	60 710,492	1 743 417,808	28,717	28,254	68	69	71 881	11 361,869	120 152,473	10,575	10,112
19	20	98 877	59 052,673	1 682 707,315	28,495	28,032	69	70	69 688	10 720,373	108 790,604	10,148	9,685
20	21	98 819	57 438,712	1 623 654,642	28,268	27,805	70	71	67 358	10 084,638	98 070,231	9,725	9,262
21	22	98 760	55 868,069	1 566 215,930	28,034	27,571	71	72	64 953	9 464,357	87 985,592	9,297	8,834
22	23	98 704	54 341,933	1 510 347,861	27,793	27,331	72	73	62 414	8 851,012	78 521,235	8,871	8,409
23	24	98 642	52 854,019	1 456 005,928	27,548	27,085	73	74	59 782	8 250,864	69 670,223	8,444	7,981
24	25	98 583	51 409,116	1 403 151,909	27,294	26,831	74	75	57 028	7 660,042	61 419,359	8,018	7,555
25	26	98 518	49 999,931	1 351 742,793	27,035	26,572	75	76	54 192	7 084,374	53 759,317	7,588	7,126
26	27	98 456	48 631,270	1 301 742,862	26,768	26,305	76	77	51 241	6 519,261	46 674,944	7,160	6,697
27	28	98 390	47 297,805	1 253 111,592	26,494	26,031	77	78	48 162	5 963,555	40 155,683	6,734	6,271
28	29	98 321	45 999,826	1 205 813,787	26,213	25,751	78	79	44 934	5 414,927	34 192,128	6,314	5,852
29	30	98 248	44 735,402	1 159 813,961	25,926	25,463	79	80	41 544	4 872,351	28 777,201	5,906	5,443
30	31	98 166	43 501,592	1 115 078,559	25,633	25,170	80	81	38 009	4 338,460	23 904,850	5,510	5,047
31	32	98 080	42 300,262	1 071 576,967	25,333	24,870	81	82	34 334	3 814,092	19 566,390	5,130	4,667
32	33	97 986	41 128,687	1 029 276,705	25,026	24,563	82	83	30 532	3 301,003	15 752,299	4,772	4,309
33	34	97 888	39 988,127	988 148,019	24,711	24,248	83	84	26 708	2 810,281	12 451,296	4,431	3,968
34	35	97 777	38 873,621	948 159,892	24,391	23,928	84	85	22 934	2 348,550	9 641,015	4,105	3,642
35	36	97 662	37 788,513	909 286,271	24,063	23,600	85	86	19 239	1 917,433	7 292,465	3,803	3,340
36	37	97 539	36 730,789	871 497,758	23,727	23,264	86	87	15 723	1 525,112	5 375,031	3,524	3,062
37	38	97 408	35 700,048	834 766,969	23,383	22,920	87	88	12 486	1 178,694	3 849,919	3,266	2,803
38	39	97 254	34 689,590	799 066,921	23,035	22,572	88	89	9 599	881,905	2 671,225	3,029	2,566
39	40	97 092	33 704,838	764 377,331	22,679	22,216	89	90	7 113	636,034	1 789,321	2,813	2,350
40	41	96 917	32 743,753	730 672,493	22,315	21,852	90	91	5 063	440,588	1 153,286	2,618	2,155
41	42	96 726	31 804,395	697 928,740	21,944	21,482	91	92	3 449	292,113	712,698	2,440	1,977
42	43	96 520	30 887,361	666 124,344	21,566	21,103	92	93	2 244	185,004	420,585	2,273	1,811
43	44	96 293	29 990,124	635 236,984	21,182	20,719	93	94	1 375	110,327	235,581	2,135	1,672
44	45	96 052	29 114,242	605 246,860	20,789	20,326	94	95	801	62,539	125,255	2,003	1,540
45	46	95 769	28 251,493	576 132,618	20,393	19,930	95	96	437	33,200	62,716	1,889	1,426
46	47	95 465	27 408,104	547 881,125	19,990	19,527	96	97	222	16,385	29,516	1,801	1,339
47	48	95 126	26 579,953	520 473,021	19,581	19,119	97	98	105	7,575	13,131	1,734	1,271
48	49	94 750	25 766,175	493 893,067	19,168	18,705	98	99	48	3,359	5,557	1,654	1,191
49	50	94 333	24 966,259	468 126,892	18,750	18,288	99	100	20	1,385	2,198	1,586	1,123

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 675	99 674,746	3 169 380,523	31,797	31,334	50	52	93 677	24 129,159	437 955,222	18,150	17,688
1	3	99 307	96 649,480	3 069 705,777	31,761	31,298	51	53	93 148	23 350,699	413 826,063	17,722	17,259
2	4	99 270	94 027,056	2 973 056,297	31,619	31,156	52	54	92 565	22 583,474	390 475,364	17,290	16,827
3	5	99 245	91 487,476	2 879 029,241	31,469	31,006	53	55	91 915	21 824,813	367 891,889	16,857	16,394
4	6	99 225	89 021,275	2 787 541,765	31,313	30,850	54	56	91 187	21 072,307	346 067,076	16,423	15,960
5	7	99 206	86 621,818	2 698 520,490	31,153	30,690	55	57	90 377	20 326,333	324 994,769	15,989	15,526
6	8	99 191	84 291,087	2 611 898,672	30,987	30,524	56	58	89 490	19 588,185	304 668,437	15,554	15,091
7	9	99 175	82 021,948	2 527 607,585	30,816	30,353	57	59	88 514	18 855,975	285 080,252	15,119	14,656
8	10	99 161	79 814,954	2 445 585,637	30,641	30,178	58	60	87 452	18 131,022	266 224,277	14,683	14,221
9	11	99 146	77 667,602	2 365 770,683	30,460	29,997	59	61	86 281	17 409,497	248 093,255	14,250	13,788
10	12	99 131	75 577,014	2 288 103,081	30,275	29,812	60	62	85 024	16 696,645	230 683,758	13,816	13,353
11	13	99 115	73 542,668	2 212 526,067	30,085	29,622	61	63	83 671	15 991,317	213 987,113	13,381	12,919
12	14	99 098	71 562,090	2 138 983,399	29,890	29,427	62	64	82 207	15 291,010	197 995,796	12,949	12,486
13	15	99 082	69 635,587	2 067 421,309	29,689	29,226	63	65	80 619	14 594,176	182 704,786	12,519	12,056
14	16	99 061	67 757,118	1 997 785,721	29,485	29,022	64	66	78 938	13 907,502	168 110,610	12,088	11,625
15	17	99 032	65 925,012	1 930 028,603	29,276	28,813	65	67	77 131	13 225,464	154 203,108	11,660	11,197
16	18	99 003	64 141,604	1 864 103,591	29,062	28,599	66	68	75 222	12 552,836	140 977,644	11,231	10,768
17	19	98 959	62 397,175	1 799 961,986	28,847	28,384	67	69	73 198	11 888,264	128 424,808	10,803	10,340
18	20	98 915	60 699,881	1 737 564,812	28,626	28,163	68	70	71 050	11 230,587	116 536,543	10,377	9,914
19	21	98 859	59 041,756	1 676 864,931	28,401	27,939	69	71	68 810	10 585,309	105 305,956	9,948	9,485
20	22	98 803	57 429,241	1 617 823,175	28,171	27,708	70	72	66 435	9 946,461	94 720,646	9,523	9,060
21	23	98 744	55 858,973	1 560 393,935	27,935	27,472	71	73	63 991	9 324,156	84 774,186	9,092	8,629
22	24	98 686	54 332,153	1 504 534,961	27,691	27,229	72	74	61 390	8 705,712	75 450,029	8,667	8,204
23	25	98 624	52 844,509	1 450 202,808	27,443	26,980	73	75	58 716	8 103,642	66 744,317	8,236	7,774
24	26	98 565	51 399,337	1 397 358,300	27,186	26,723	74	76	55 931	7 512,729	58 640,675	7,806	7,343
25	27	98 499	49 990,521	1 345 958,963	26,924	26,461	75	77	53 024	6 931,593	51 127,946	7,376	6,913
26	28	98 435	48 620,805	1 295 968,442	26,655	26,192	76	78	50 022	6 364,125	44 196,353	6,945	6,482
27	29	98 367	47 286,660	1 247 347,637	26,378	25,916	77	79	46 840	5 799,867	37 832,228	6,523	6,060
28	30	98 296	45 987,923	1 200 060,977	26,095	25,632	78	80	43 522	5 244,820	32 032,361	6,107	5,645
29	31	98 217	44 721,215	1 154 073,054	25,806	25,343	79	81	40 029	4 694,698	26 787,541	5,706	5,243
30	32	98 135	43 487,933	1 109 351,839	25,509	25,047	80	82	36 387	4 153,321	22 092,844	5,319	4,856
31	33	98 046	42 285,768	1 065 863,907	25,206	24,743	81	83	32 638	3 625,756	17 939,522	4,948	4,485
32	34	97 951	41 113,867	1 023 578,138	24,896	24,433	82	84	28 801	3 113,798	14 313,767	4,597	4,134
33	35	97 849	39 971,892	982 464,271	24,579	24,116	83	85	24 968	2 627,154	11 199,969	4,263	3,800
34	36	97 737	38 857,600	942 492,379	24,255	23,792	84	86	21 188	2 169,768	8 572,815	3,951	3,488
35	37	97 617	37 771,187	903 634,780	23,924	23,461	85	87	17 561	1 750,272	6 403,047	3,658	3,195
36	38	97 492	36 713,354	865 863,592	23,584	23,122	86	88	14 152	1 372,684	4 652,775	3,390	2,927
37	39	97 350	35 678,512	829 150,239	23,239	22,777	87	89	11 060	1 044,085	3 280,091	3,142	2,679
38	40	97 196	34 668,736	793 471,726	22,887	22,424	88	90	8 356	767,682	2 236,006	2,913	2,450
39	41	97 025	33 681,727	758 802,990	22,529	22,066	89	91	6 064	542,234	1 468,324	2,708	2,245
40	42	96 846	32 719,514	725 121,263	22,162	21,699	90	92	4 214	366,731	926,090	2,525	2,062
41	43	96 649	31 779,150	692 401,749	21,788	21,325	91	93	2 802	237,341	559,359	2,357	1,894
42	44	96 432	30 859,313	660 622,599	21,408	20,945	92	94	1 775	146,343	322,018	2,200	1,738
43	45	96 200	29 961,016	629 763,286	21,019	20,557	93	95	1 059	84,933	175,675	2,068	1,606
44	46	95 941	29 080,696	599 802,270	20,625	20,163	94	96	599	46,731	90,742	1,942	1,479
45	47	95 652	28 217,096	570 721,574	20,226	19,763	95	97	312	23,716	44,012	1,856	1,393
46	48	95 334	27 370,547	542 504,478	19,821	19,358	96	98	155	11,485	20,296	1,767	1,304
47	49	94 975	26 537,584	515 133,931	19,411	18,949	97	99	72	5,203	8,810	1,693	1,231
48	50	94 584	25 721,134	488 596,348	18,996	18,533	98	100	32	2,227	3,607	1,620	1,157
49	51	94 158	24 919,992	462 875,213	18,574	18,112							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 662	99 662,364	3 162 947,414	31,737	31,274
1	4	99 297	96 639,512	3 063 285,050	31,698	31,235
2	5	99 260	94 018,059	2 966 645,537	31,554	31,091
3	6	99 236	91 479,326	2 872 627,479	31,402	30,939
4	7	99 216	89 013,401	2 781 148,152	31,244	30,781
5	8	99 201	86 617,794	2 692 134,752	31,081	30,618
6	9	99 184	84 285,214	2 605 516,958	30,913	30,450
7	10	99 169	82 016,930	2 521 231,744	30,740	30,278
8	11	99 155	79 810,286	2 439 214,814	30,563	30,100
9	12	99 139	77 661,596	2 359 404,528	30,381	29,918
10	13	99 123	75 571,079	2 281 742,933	30,193	29,731
11	14	99 106	73 535,739	2 206 171,853	30,001	29,539
12	15	99 089	71 555,492	2 132 636,114	29,804	29,341
13	16	99 070	69 627,115	2 061 080,622	29,602	29,139
14	17	99 046	67 747,141	1 991 453,507	29,395	28,933
15	18	99 019	65 916,036	1 923 706,366	29,184	28,721
16	19	98 984	64 128,967	1 857 790,330	28,970	28,507
17	20	98 942	62 386,268	1 793 661,363	28,751	28,288
18	21	98 896	60 688,659	1 731 275,095	28,527	28,064
19	22	98 842	59 032,020	1 670 586,436	28,300	27,837
20	23	98 787	57 419,891	1 611 554,416	28,066	27,603
21	24	98 726	55 848,920	1 554 134,525	27,827	27,365
22	25	98 669	54 322,377	1 498 285,605	27,581	27,119
23	26	98 605	52 834,456	1 443 963,228	27,330	26,867
24	27	98 546	51 389,664	1 391 128,772	27,070	26,607
25	28	98 478	49 979,764	1 339 739,108	26,806	26,343
26	29	98 412	48 609,348	1 289 759,344	26,533	26,070
27	30	98 341	47 274,423	1 241 149,996	26,254	25,791
28	31	98 265	45 973,339	1 193 875,573	25,969	25,506
29	32	98 186	44 707,172	1 147 902,234	25,676	25,213
30	33	98 101	43 473,032	1 103 195,062	25,377	24,914
31	34	98 011	42 270,531	1 059 722,029	25,070	24,607
32	35	97 911	41 097,175	1 017 451,498	24,757	24,294
33	36	97 808	39 955,418	976 354,323	24,436	23,973
34	37	97 692	38 839,784	936 398,905	24,109	23,646
35	38	97 570	37 753,259	897 559,121	23,774	23,312
36	39	97 433	36 691,206	859 805,862	23,434	22,971
37	40	97 291	35 657,064	823 114,656	23,084	22,621
38	41	97 129	34 644,964	787 457,592	22,729	22,267
39	42	96 954	33 656,794	752 812,628	22,367	21,905
40	43	96 769	32 693,543	719 155,834	21,997	21,534
41	44	96 561	31 750,292	686 462,291	21,621	21,158
42	45	96 339	30 829,362	654 711,999	21,237	20,774
43	46	96 089	29 926,494	623 882,637	20,847	20,384
44	47	95 824	29 045,289	593 956,143	20,449	19,986
45	48	95 521	28 178,430	564 910,853	20,048	19,585
46	49	95 182	27 326,917	536 732,423	19,641	19,178
47	50	94 809	26 491,194	509 405,506	19,229	18,766
48	51	94 409	25 673,468	482 914,312	18,810	18,347
49	52	93 956	24 866,596	457 240,845	18,388	17,925
50	53	93 459	24 072,866	432 374,249	17,961	17,498
51	54	92 909	23 290,742	408 301,383	17,531	17,068
52	55	92 297	22 518,238	385 010,641	17,098	16,635
53	56	91 617	21 753,982	362 492,403	16,663	16,200
54	57	90 860	20 996,932	340 738,421	16,228	15,765
55	58	90 023	20 246,569	319 741,489	15,792	15,330
56	59	89 101	19 502,988	299 494,920	15,356	14,894
57	60	88 098	18 767,232	279 991,932	14,919	14,456
58	61	86 990	18 035,363	261 224,700	14,484	14,021
59	62	85 790	17 310,509	243 189,337	14,049	13,586
60	63	84 502	16 594,220	225 878,828	13,612	13,149
61	64	83 106	15 883,394	209 284,607	13,176	12,713
62	65	81 593	15 176,745	193 401,214	12,743	12,280
63	66	79 976	14 477,854	178 224,469	12,310	11,847
64	67	78 246	13 785,643	163 746,615	11,878	11,415
65	68	76 400	13 100,057	149 960,972	11,447	10,985
66	69	74 434	12 421,463	136 860,915	11,018	10,555
67	70	72 353	11 750,900	124 439,452	10,590	10,127
68	71	70 155	11 089,096	112 688,552	10,162	9,699
69	72	67 867	10 440,272	101 599,456	9,731	9,269
70	73	65 451	9 799,118	91 159,184	9,303	8,840
71	74	62 941	9 171,089	81 360,066	8,871	8,409
72	75	60 294	8 550,375	72 188,977	8,443	7,980
73	76	57 586	7 947,798	63 638,602	8,007	7,544
74	77	54 725	7 350,710	55 690,804	7,576	7,113
75	78	51 762	6 766,645	48 340,095	7,144	6,681
76	79	48 649	6 189,443	41 573,450	6,717	6,254
77	80	45 369	5 617,667	35 384,007	6,299	5,836
78	81	41 936	5 053,586	29 766,340	5,890	5,427
79	82	38 321	4 494,357	24 712,754	5,499	5,036
80	83	34 590	3 948,235	20 218,397	5,121	4,658
81	84	30 787	3 420,134	16 270,162	4,757	4,294
82	85	26 924	2 910,893	12 850,029	4,414	3,952
83	86	23 067	2 427,163	9 939,136	4,095	3,632
84	87	19 341	1 980,608	7 511,972	3,793	3,330
85	88	15 806	1 575,340	5 531,365	3,511	3,048
86	89	12 536	1 215,921	3 956,025	3,254	2,791
87	90	9 628	908,857	2 740,104	3,015	2,552
88	91	7 123	654,467	1 831,247	2,798	2,335
89	92	5 048	451,337	1 176,780	2,607	2,144
90	93	3 424	297,968	725,443	2,435	1,972
91	94	2 217	187,743	427,475	2,277	1,814
92	95	1 367	112,660	239,732	2,128	1,665
93	96	791	63,464	127,072	2,002	1,539
94	97	428	33,382	63,608	1,905	1,443
95	98	219	16,625	30,226	1,818	1,355
96	99	107	7,889	13,602	1,724	1,261
97	100	48	3,450	5,713	1,656	1,193

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 652	99 652,086	3 156 057,477	31,671	31,208
1	5	99 288	96 630,265	3 056 405,391	31,630	31,167
2	6	99 251	94 009,684	2 959 775,126	31,484	31,021
3	7	99 227	91 471,234	2 865 765,442	31,330	30,867
4	8	99 212	89 009,266	2 774 294,208	31,169	30,706
5	9	99 194	86 611,758	2 685 284,943	31,004	30,541
6	10	99 178	84 280,058	2 598 673,185	30,834	30,371
7	11	99 163	82 012,133	2 514 393,127	30,659	30,196
8	12	99 147	79 804,114	2 432 380,995	30,479	30,017
9	13	99 131	77 655,497	2 352 576,880	30,295	29,832
10	14	99 114	75 563,959	2 274 921,383	30,106	29,643
11	15	99 097	73 528,959	2 199 357,424	29,911	29,449
12	16	99 077	71 546,786	2 125 828,465	29,712	29,250
13	17	99 055	69 616,863	2 054 281,679	29,508	29,046
14	18	99 032	67 737,916	1 984 664,816	29,299	28,836
15	19	98 999	65 903,049	1 916 926,899	29,087	28,624
16	20	98 966	64 117,758	1 851 023,850	28,869	28,406
17	21	98 924	62 374,734	1 786 906,092	28,648	28,185
18	22	98 880	60 678,651	1 724 531,358	28,421	27,958
19	23	98 826	59 022,409	1 663 852,707	28,190	27,727
20	24	98 769	57 409,557	1 604 830,298	27,954	27,491
21	25	98 709	55 838,871	1 547 420,740	27,712	27,249
22	26	98 650	54 312,043	1 491 581,869	27,463	27,000
23	27	98 587	52 824,513	1 437 269,826	27,208	26,746
24	28	98 525	51 378,605	1 384 445,313	26,946	26,483
25	29	98 455	49 967,987	1 333 066,708	26,678	26,216
26	30	98 386	48 596,769	1 283 098,721	26,403	25,940
27	31	98 310	47 259,431	1 234 501,951	26,122	25,659
28	32	98 234	45 958,903	1 187 242,520	25,833	25,370
29	33	98 153	44 691,854	1 141 283,617	25,537	25,074
30	34	98 066	43 457,368	1 096 591,763	25,234	24,771
31	35	97 971	42 253,370	1 053 134,395	24,924	24,461
32	36	97 870	41 080,237	1 010 881,025	24,607	24,145
33	37	97 764	39 937,099	969 800,788	24,283	23,820
34	38	97 646	38 821,348	929 863,689	23,952	23,490
35	39	97 512	37 730,484	891 042,341	23,616	23,153
36	40	97 375	36 669,150	853 311,857	23,271	22,808
37	41	97 224	35 632,614	816 642,708	22,918	22,456
38	42	97 057	34 619,318	781 010,093	22,560	22,097
39	43	96 877	33 630,078	746 390,775	22,194	21,731
40	44	96 681	32 663,855	712 760,697	21,821	21,358
41	45	96 468	31 719,476	680 096,842	21,441	20,978
42	46	96 228	30 793,839	648 377,366	21,055	20,593
43	47	95 972	29 890,058	617 583,527	20,662	20,199
44	48	95 693	29 005,489	587 693,469	20,261	19,799
45	49	95 369	28 133,512	558 687,980	19,858	19,396
46	50	95 016	27 279,147	530 554,468	19,449	18,986
47	51	94 633	26 442,101	503 275,320	19,033	18,570
48	52	94 206	25 618,457	476 833,220	18,613	18,150
49	53	93 737	24 808,583	451 214,763	18,188	17,725
50	54	93 219	24 011,055	426 406,180	17,759	17,296
51	55	92 640	23 223,462	402 395,124	17,327	16,864
52	56	91 998	22 445,156	379 171,662	16,893	16,430
53	57	91 289	21 676,169	356 726,507	16,457	15,994
54	58	90 504	20 914,537	335 050,338	16,020	15,557
55	59	89 631	20 158,509	314 135,801	15,583	15,120
56	60	88 682	19 411,200	293 977,292	15,145	14,682
57	61	87 633	18 668,217	274 566,092	14,708	14,245
58	62	86 496	17 932,816	255 897,875	14,270	13,807
59	63	85 264	17 204,319	237 965,059	13,832	13,369
60	64	83 932	16 482,228	220 760,740	13,394	12,931
61	65	82 485	15 764,702	204 278,513	12,958	12,495
62	66	80 943	15 055,780	188 513,811	12,521	12,058
63	67	79 275	14 350,998	173 458,031	12,087	11,624
64	68	77 504	13 654,925	159 107,033	11,652	11,189
65	69	75 600	12 962,956	145 452,109	11,221	10,758
66	70	73 574	12 277,938	132 489,153	10,791	10,328
67	71	71 441	11 602,853	120 211,215	10,360	9,898
68	72	69 194	10 937,155	108 608,362	9,930	9,467
69	73	66 862	10 285,614	97 671,207	9,496	9,033
70	74	64 376	9 638,254	87 385,593	9,067	8,604
71	75	61 818	9 007,448	77 747,339	8,631	8,169
72	76	59 135	8 385,939	68 739,891	8,197	7,734
73	77	56 345	7 776,396	60 353,951	7,761	7,298
74	78	53 423	7 175,789	52 577,555	7,327	6,864
75	79	50 341	6 580,914	45 401,767	6,899	6,436
76	80	47 120	5 995,005	38 820,852	6,476	6,013
77	81	43 715	5 412,839	32 825,848	6,064	5,602
78	82	40 146	4 837,930	27 413,009	5,666	5,203
79	83	36 428	4 272,430	22 575,079	5,284	4,821
80	84	32 628	3 724,325	18 302,649	4,914	4,452
81	85	28 781	3 197,267	14 578,325	4,560	4,097
82	86	24 874	2 689,302	11 381,058	4,232	3,769
83	87	21 056	2 215,563	8 691,755	3,923	3,460
84	88	17 408	1 782,655	6 476,192	3,633	3,170
85	89	14 001	1 395,433	4 693,537	3,363	2,901
86	90	10 912	1 058,437	3 298,105	3,116	2,653
87	91	8 208	774,822	2 239,667	2,891	2,428
88	92	5 929	544,756	1 464,845	2,689	2,226
89	93	4 101	366,711	920,089	2,509	2,046
90	94	2 708	235,700	553,378	2,348	1,885
91	95	1 707	144,531	317,678	2,198	1,735
92	96	1 021	84,182	173,147	2,057	1,594
93	97	565	45,335	88,965	1,962	1,500
94	98	300	23,400	43,630	1,865	1,402
95	99	150	11,419	20,230	1,772	1,309
96	100	71	5,231	8,811	1,684	1,222

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 643	99 642,551	3 148 691,921	31,600	31,137
1	6	99 279	96 621,657	3 049 049,371	31,557	31,094
2	7	99 243	94 001,368	2 952 427,713	31,408	30,946
3	8	99 222	91 466,985	2 858 426,345	31,251	30,788
4	9	99 205	89 003,063	2 766 959,361	31,088	30,626
5	10	99 188	86 606,459	2 677 956,298	30,921	30,458
6	11	99 172	84 275,128	2 591 349,838	30,749	30,286
7	12	99 156	82 005,791	2 507 074,711	30,572	30,109
8	13	99 139	79 797,848	2 425 068,920	30,390	29,927
9	14	99 121	77 648,181	2 345 271,072	30,204	29,741
10	15	99 104	75 556,992	2 267 622,891	30,012	29,549
11	16	99 084	73 520,013	2 192 065,899	29,816	29,353
12	17	99 062	71 536,251	2 118 545,886	29,615	29,152
13	18	99 042	69 607,383	2 047 009,635	29,408	28,945
14	19	99 013	67 724,571	1 977 402,252	29,198	28,735
15	20	98 982	65 891,530	1 909 677,681	28,982	28,519
16	21	98 948	64 105,904	1 843 786,150	28,762	28,299
17	22	98 907	62 364,449	1 779 680,246	28,537	28,074
18	23	98 864	60 668,772	1 717 315,798	28,306	27,844
19	24	98 808	59 011,787	1 656 647,025	28,073	27,610
20	25	98 751	57 399,227	1 597 635,238	27,834	27,371
21	26	98 690	55 828,249	1 540 236,011	27,589	27,126
22	27	98 631	54 301,822	1 484 407,762	27,336	26,873
23	28	98 565	52 813,146	1 430 105,940	27,079	26,616
24	29	98 502	51 366,498	1 377 292,794	26,813	26,350
25	30	98 429	49 955,057	1 325 926,296	26,542	26,080
26	31	98 355	48 581,358	1 275 971,239	26,265	25,802
27	32	98 279	47 244,592	1 227 389,881	25,979	25,517
28	33	98 200	45 943,156	1 180 145,289	25,687	25,224
29	34	98 117	44 675,750	1 134 202,133	25,387	24,925
30	35	98 026	43 439,724	1 089 526,383	25,081	24,619
31	36	97 931	42 235,956	1 046 086,658	24,768	24,305
32	37	97 826	41 061,402	1 003 850,702	24,448	23,985
33	38	97 717	39 918,142	962 789,300	24,119	23,656
34	39	97 587	38 797,929	922 871,158	23,787	23,324
35	40	97 453	37 707,802	884 073,229	23,445	22,983
36	41	97 308	36 644,006	846 365,427	23,097	22,634
37	42	97 152	35 606,237	809 721,421	22,741	22,278
38	43	96 980	34 591,838	774 115,184	22,379	21,916
39	44	96 789	33 599,540	739 523,346	22,010	21,547
40	45	96 587	32 632,152	705 923,806	21,633	21,170
41	46	96 356	31 682,928	673 291,654	21,251	20,788
42	47	96 111	30 756,347	641 608,726	20,861	20,398
43	48	95 841	29 849,100	610 852,379	20,465	20,002
44	49	95 541	28 959,252	581 003,279	20,063	19,600
45	50	95 202	28 084,333	552 044,026	19,657	19,194
46	51	94 840	27 228,594	523 959,694	19,243	18,780
47	52	94 430	26 385,443	496 731,100	18,826	18,363
48	53	93 987	25 558,690	470 345,657	18,403	17,940
49	54	93 496	24 744,883	444 786,966	17,975	17,512
50	55	92 949	23 941,695	420 042,084	17,544	17,082
51	56	92 340	23 148,091	396 100,389	17,112	16,649
52	57	91 669	22 364,870	372 952,298	16,676	16,213
53	58	90 931	21 591,109	350 587,428	16,238	15,775
54	59	90 110	20 823,571	328 996,319	15,799	15,336
55	60	89 209	20 063,636	308 172,747	15,360	14,897
56	61	88 214	19 308,787	288 109,112	14,921	14,458
57	62	87 135	18 562,072	268 800,325	14,481	14,018
58	63	85 965	17 822,808	250 238,253	14,040	13,578
59	64	84 689	17 088,209	232 415,445	13,601	13,138
60	65	83 304	16 359,061	215 327,236	13,163	12,700
61	66	81 828	15 639,051	198 968,175	12,723	12,260
62	67	80 233	14 923,859	183 329,124	12,284	11,821
63	68	78 524	14 214,918	168 405,265	11,847	11,384
64	69	76 693	13 512,017	154 190,347	11,411	10,949
65	70	74 727	12 813,174	140 678,330	10,979	10,516
66	71	72 647	12 123,250	127 865,156	10,547	10,084
67	72	70 462	11 443,873	115 741,906	10,114	9,651
68	73	68 169	10 775,137	104 298,032	9,680	9,217
69	74	65 764	10 116,764	93 522,896	9,244	8,782
70	75	63 228	9 466,277	83 406,132	8,811	8,348
71	76	60 629	8 834,222	73 939,855	8,370	7,907
72	77	57 860	8 205,089	65 105,632	7,935	7,472
73	78	55 004	7 591,345	56 900,544	7,495	7,033
74	79	51 956	6 978,827	49 309,199	7,066	6,603
75	80	48 760	6 374,178	42 330,371	6,641	6,178
76	81	45 402	5 776,418	35 956,193	6,225	5,762
77	82	41 849	5 181,852	30 179,775	5,824	5,361
78	83	38 164	4 599,038	24 997,923	5,435	4,973
79	84	34 362	4 030,134	20 398,885	5,062	4,599
80	85	30 502	3 481,636	16 368,751	4,701	4,239
81	86	26 590	2 953,876	12 887,115	4,363	3,900
82	87	22 706	2 454,849	9 933,239	4,046	3,584
83	88	18 952	1 994,127	7 478,390	3,750	3,287
84	89	15 420	1 579,072	5 484,262	3,473	3,010
85	90	12 188	1 214,699	3 905,190	3,215	2,752
86	91	9 303	902,343	2 690,491	2,982	2,519
87	92	6 832	644,935	1 788,148	2,773	2,310
88	93	4 818	442,613	1 143,213	2,583	2,120
89	94	3 244	290,077	700,599	2,415	1,952
90	95	2 085	181,450	410,522	2,262	1,800
91	96	1 275	107,997	229,072	2,121	1,658
92	97	730	60,135	121,075	2,013	1,551
93	98	396	31,779	60,939	1,918	1,455
94	99	206	16,073	29,160	1,814	1,351
95	100	100	7,571	13,087	1,729	1,266

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 634	99 633,675	3 140 834,707	31,524	31,061
1	7	99 270	96 613,110	3 041 201,033	31,478	31,015
2	8	99 238	93 997,001	2 944 587,922	31,326	30,864
3	9	99 216	91 460,611	2 850 590,922	31,167	30,705
4	10	99 199	88 997,618	2 759 130,311	31,002	30,539
5	11	99 182	86 601,393	2 670 132,693	30,832	30,370
6	12	99 165	84 268,611	2 583 531,299	30,658	30,195
7	13	99 148	81 999,352	2 499 262,688	30,479	30,016
8	14	99 130	79 790,330	2 417 263,336	30,295	29,832
9	15	99 112	77 641,022	2 337 473,007	30,106	29,643
10	16	99 092	75 547,799	2 259 831,985	29,913	29,450
11	17	99 070	73 509,187	2 184 284,186	29,714	29,252
12	18	99 049	71 526,510	2 110 774,999	29,510	29,048
13	19	99 022	69 593,670	2 039 248,489	29,302	28,839
14	20	98 996	67 712,733	1 969 654,819	29,088	28,626
15	21	98 964	65 879,348	1 901 942,086	28,870	28,407
16	22	98 932	64 095,333	1 836 062,737	28,646	28,183
17	23	98 891	62 354,295	1 771 967,404	28,418	27,955
18	24	98 846	60 657,854	1 709 613,109	28,185	27,722
19	25	98 791	59 001,169	1 648 955,255	27,948	27,485
20	26	98 732	57 388,308	1 589 954,086	27,705	27,242
21	27	98 671	55 817,743	1 532 565,778	27,457	26,994
22	28	98 610	54 290,137	1 476 748,035	27,201	26,738
23	29	98 542	52 800,701	1 422 457,898	26,940	26,477
24	30	98 476	51 353,206	1 369 657,197	26,671	26,208
25	31	98 398	49 939,214	1 318 303,991	26,398	25,935
26	32	98 324	48 566,103	1 268 364,776	26,116	25,653
27	33	98 246	47 228,404	1 219 798,673	25,828	25,365
28	34	98 165	45 926,601	1 172 570,269	25,531	25,069
29	35	98 077	44 657,612	1 126 643,667	25,228	24,766
30	36	97 986	43 421,821	1 081 986,055	24,918	24,455
31	37	97 886	42 216,591	1 038 564,234	24,601	24,138
32	38	97 779	41 041,912	996 347,643	24,276	23,814
33	39	97 658	39 894,062	955 305,731	23,946	23,483
34	40	97 528	38 774,606	915 411,669	23,609	23,146
35	41	97 386	37 681,946	876 637,064	23,264	22,801
36	42	97 236	36 616,880	838 955,118	22,912	22,449
37	43	97 075	35 577,974	802 338,238	22,552	22,089
38	44	96 892	34 560,427	766 760,264	22,186	21,723
39	45	96 695	33 566,929	732 199,837	21,813	21,350
40	46	96 476	32 594,552	698 632,908	21,434	20,971
41	47	96 239	31 644,354	666 038,356	21,048	20,585
42	48	95 979	30 714,202	634 394,002	20,655	20,192
43	49	95 688	29 801,519	603 679,801	20,257	19,794
44	50	95 374	28 908,630	573 878,282	19,851	19,389
45	51	95 026	28 032,287	544 969,652	19,441	18,978
46	52	94 636	27 170,251	516 937,365	19,026	18,563
47	53	94 210	26 323,887	489 767,114	18,605	18,143
48	54	93 745	25 493,064	463 443,227	18,179	17,716
49	55	93 226	24 673,402	437 950,163	17,750	17,287
50	56	92 648	23 863,993	413 276,761	17,318	16,855
51	57	92 009	23 065,292	389 412,768	16,883	16,420
52	58	91 309	22 277,108	366 347,477	16,445	15,982
53	59	90 536	21 497,200	344 070,369	16,005	15,543
54	60	89 686	20 725,568	322 573,169	15,564	15,101
55	61	88 739	19 957,781	301 847,601	15,124	14,661
56	62	87 712	19 199,000	281 889,820	14,683	14,220
57	63	86 600	18 448,204	262 690,821	14,239	13,777
58	64	85 385	17 702,524	244 242,617	13,797	13,334
59	65	84 056	16 960,514	226 540,093	13,357	12,894
60	66	82 640	16 228,672	209 579,579	12,914	12,451
61	67	81 111	15 502,019	193 350,906	12,473	12,010
62	68	79 473	14 782,348	177 848,887	12,031	11,568
63	69	77 702	14 066,150	163 066,539	11,593	11,130
64	70	75 807	13 355,891	149 000,389	11,156	10,693
65	71	73 785	12 651,744	135 644,499	10,721	10,259
66	72	71 652	11 957,140	122 992,755	10,286	9,823
67	73	69 418	11 274,349	111 035,615	9,849	9,386
68	74	67 050	10 598,250	99 761,266	9,413	8,950
69	75	64 591	9 936,248	89 163,016	8,974	8,511
70	76	62 012	9 284,228	79 226,767	8,533	8,071
71	77	59 321	8 643,704	69 942,540	8,092	7,629
72	78	56 483	8 009,836	61 298,836	7,653	7,190
73	79	53 494	7 382,978	53 288,999	7,218	6,755
74	80	50 324	6 759,591	45 906,021	6,791	6,328
75	81	46 982	6 141,766	39 146,430	6,374	5,911
76	82	43 465	5 529,916	33 004,664	5,968	5,506
77	83	39 783	4 925,978	27 474,748	5,578	5,115
78	84	35 999	4 338,220	22 548,771	5,198	4,735
79	85	32 123	3 767,518	18 210,551	4,834	4,371
80	86	28 180	3 216,598	14 443,033	4,490	4,027
81	87	24 272	2 696,357	11 226,435	4,164	3,701
82	88	20 436	2 209,498	8 530,078	3,861	3,398
83	89	16 787	1 766,394	6 320,580	3,578	3,115
84	90	13 423	1 374,554	4 554,186	3,313	2,850
85	91	10 390	1 035,560	3 179,632	3,070	2,608
86	92	7 743	751,079	2 144,072	2,855	2,392
87	93	5 551	524,009	1 392,993	2,658	2,196
88	94	3 811	350,119	868,984	2,482	2,019
89	95	2 497	223,312	518,865	2,324	1,861
90	96	1 558	135,584	295,554	2,180	1,717
91	97	911	77,147	159,970	2,074	1,611
92	98	511	42,154	82,823	1,965	1,502
93	99	272	21,829	40,669	1,863	1,400
94	100	136	10,657	18,840	1,768	1,305

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 625	99 624,861	3 132 471,249	31,443	30,980
1	8	99 265	96 608,622	3 032 846,388	31,393	30,930
2	9	99 231	93 990,450	2 936 237,766	31,240	30,777
3	10	99 209	91 455,016	2 842 247,315	31,078	30,615
4	11	99 193	88 992,413	2 750 792,299	30,910	30,448
5	12	99 175	86 594,697	2 661 799,887	30,739	30,276
6	13	99 157	84 261,994	2 575 205,190	30,562	30,099
7	14	99 138	81 991,626	2 490 943,196	30,380	29,918
8	15	99 121	79 782,972	2 408 951,570	30,194	29,731
9	16	99 100	77 631,575	2 329 168,597	30,003	29,540
10	17	99 078	75 536,675	2 251 537,022	29,807	29,344
11	18	99 056	73 499,178	2 176 000,347	29,606	29,143
12	19	99 029	71 512,419	2 102 501,169	29,401	28,938
13	20	99 005	69 581,505	2 030 988,751	29,189	28,726
14	21	98 977	67 700,215	1 961 407,245	28,972	28,509
15	22	98 948	65 868,485	1 893 707,031	28,750	28,287
16	23	98 916	64 084,898	1 827 838,546	28,522	28,059
17	24	98 873	62 343,074	1 763 753,648	28,291	27,828
18	25	98 828	60 646,939	1 701 410,574	28,054	27,592
19	26	98 772	58 989,945	1 640 763,635	27,814	27,351
20	27	98 714	57 377,508	1 581 773,690	27,568	27,105
21	28	98 650	55 805,731	1 524 396,181	27,316	26,853
22	29	98 587	54 277,344	1 468 590,450	27,057	26,594
23	30	98 517	52 787,038	1 414 313,106	26,793	26,330
24	31	98 445	51 336,921	1 361 526,068	26,521	26,059
25	32	98 367	49 923,534	1 310 189,147	26,244	25,781
26	33	98 291	48 549,463	1 260 265,614	25,958	25,496
27	34	98 210	47 211,387	1 211 716,151	25,666	25,203
28	35	98 125	45 907,955	1 164 504,764	25,366	24,903
29	36	98 037	44 639,208	1 118 596,809	25,059	24,596
30	37	97 941	43 401,913	1 073 957,601	24,744	24,282
31	38	97 839	42 196,552	1 030 555,689	24,423	23,960
32	39	97 720	41 017,153	988 359,136	24,096	23,633
33	40	97 599	39 870,079	947 341,983	23,761	23,298
34	41	97 461	38 748,018	907 471,904	23,420	22,957
35	42	97 314	37 654,052	868 723,886	23,071	22,608
36	43	97 159	36 587,815	831 069,834	22,714	22,252
37	44	96 987	35 545,667	794 482,019	22,351	21,888
38	45	96 798	34 526,883	758 936,352	21,981	21,518
39	46	96 583	33 528,252	724 409,469	21,606	21,143
40	47	96 358	32 554,868	690 881,217	21,222	20,759
41	48	96 107	31 600,991	658 326,349	20,832	20,370
42	49	95 826	30 665,242	626 725,358	20,438	19,975
43	50	95 521	29 749,423	596 060,116	20,036	19,573
44	51	95 197	28 855,056	566 310,693	19,626	19,163
45	52	94 822	27 972,222	537 455,637	19,214	18,751
46	53	94 416	27 106,864	509 483,414	18,795	18,333
47	54	93 968	26 256,296	482 376,551	18,372	17,909
48	55	93 475	25 419,422	456 120,255	17,944	17,481
49	56	92 924	24 593,326	430 700,833	17,513	17,050
50	57	92 316	23 778,632	406 107,507	17,079	16,616
51	58	91 648	22 974,780	382 328,874	16,641	16,178
52	59	90 912	22 180,215	359 354,094	16,202	15,739
53	60	90 109	21 396,027	337 173,879	15,759	15,296
54	61	89 213	20 616,221	315 777,852	15,317	14,854
55	62	88 234	19 844,303	295 161,631	14,874	14,411
56	63	87 174	19 081,224	275 317,328	14,429	13,966
57	64	86 016	18 323,699	256 236,104	13,984	13,521
58	65	84 747	17 570,239	237 912,405	13,541	13,078
59	66	83 386	16 825,331	220 342,166	13,096	12,633
60	67	81 916	16 086,475	203 516,835	12,651	12,189
61	68	80 342	15 355,026	187 430,360	12,206	11,744
62	69	78 641	14 627,641	172 075,334	11,764	11,301
63	70	76 804	13 903,621	157 447,693	11,324	10,861
64	71	74 852	13 187,623	143 544,072	10,885	10,422
65	72	72 774	12 478,392	130 356,450	10,447	9,984
66	73	70 591	11 780,012	117 878,058	10,007	9,544
67	74	68 279	11 089,267	106 098,045	9,568	9,105
68	75	65 854	10 409,144	95 008,778	9,127	8,665
69	76	63 348	9 745,161	84 599,634	8,681	8,218
70	77	60 674	9 084,004	74 854,474	8,240	7,777
71	78	57 910	8 438,014	65 770,469	7,795	7,332
72	79	54 932	7 789,982	57 332,455	7,360	6,897
73	80	51 814	7 151,046	49 542,473	6,928	6,465
74	81	48 489	6 513,126	42 391,427	6,509	6,046
75	82	44 977	5 879,673	35 878,301	6,102	5,639
76	83	41 319	5 256,854	29 998,627	5,707	5,244
77	84	37 526	4 646,618	24 741,773	5,325	4,862
78	85	33 653	4 055,528	20 095,155	4,955	4,492
79	86	29 678	3 480,717	16 039,627	4,608	4,145
80	87	25 723	2 936,175	12 558,910	4,277	3,814
81	88	21 846	2 426,869	9 622,736	3,965	3,502
82	89	18 102	1 957,169	7 195,867	3,677	3,214
83	90	14 613	1 537,614	5 238,698	3,407	2,944
84	91	11 443	1 171,840	3 701,084	3,158	2,696
85	92	8 649	861,965	2 529,244	2,934	2,471
86	93	6 291	610,250	1 667,279	2,732	2,269
87	94	4 391	414,505	1 057,029	2,550	2,087
88	95	2 934	269,533	642,524	2,384	1,921
89	96	1 866	166,864	372,991	2,235	1,772
90	97	1 113	96,854	206,127	2,128	1,665
91	98	639	54,079	109,273	2,021	1,558
92	99	351	28,955	55,194	1,906	1,443
93	100	180	14,473	26,240	1,813	1,350

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 620	99 620,233	3 123 588,875	31,355	30,892
1	9	99 258	96 601,890	3 023 968,642	31,303	30,841
2	10	99 225	93 984,701	2 927 366,752	31,147	30,684
3	11	99 204	91 449,666	2 833 382,051	30,983	30,520
4	12	99 185	88 985,531	2 741 932,384	30,813	30,350
5	13	99 167	86 587,897	2 652 946,853	30,639	30,176
6	14	99 148	84 254,055	2 566 358,956	30,460	29,997
7	15	99 129	81 984,066	2 482 104,901	30,275	29,813
8	16	99 109	79 773,265	2 400 120,835	30,087	29,624
9	17	99 086	77 620,144	2 320 347,570	29,894	29,431
10	18	99 064	75 526,390	2 242 727,426	29,695	29,232
11	19	99 037	73 484,697	2 167 201,036	29,492	29,029
12	20	99 012	71 499,919	2 093 716,338	29,283	28,820
13	21	98 987	69 568,641	2 022 216,420	29,068	28,605
14	22	98 961	67 689,051	1 952 647,778	28,847	28,384
15	23	98 931	65 857,761	1 884 958,727	28,622	28,159
16	24	98 898	64 073,365	1 819 100,966	28,391	27,928
17	25	98 856	62 331,856	1 755 027,602	28,156	27,693
18	26	98 810	60 635,403	1 692 695,746	27,916	27,453
19	27	98 753	58 978,844	1 632 060,343	27,672	27,209
20	28	98 693	57 365,161	1 573 081,499	27,422	26,959
21	29	98 627	55 792,581	1 515 716,338	27,167	26,704
22	30	98 561	54 263,299	1 459 923,757	26,904	26,442
23	31	98 485	52 770,298	1 405 660,458	26,637	26,175
24	32	98 414	51 320,801	1 352 890,160	26,361	25,899
25	33	98 334	49 906,428	1 301 569,359	26,080	25,617
26	34	98 255	48 531,969	1 251 662,931	25,790	25,328
27	35	98 170	47 192,219	1 203 130,962	25,494	25,031
28	36	98 084	45 889,035	1 155 938,743	25,190	24,727
29	37	97 992	44 618,741	1 110 049,708	24,879	24,416
30	38	97 894	43 381,311	1 065 430,967	24,560	24,097
31	39	97 780	42 171,097	1 022 049,656	24,236	23,773
32	40	97 661	40 992,496	979 878,559	23,904	23,441
33	41	97 533	39 842,741	938 886,063	23,565	23,102
34	42	97 389	38 719,334	899 043,322	23,219	22,757
35	43	97 237	37 624,164	860 323,988	22,866	22,403
36	44	97 071	36 554,590	822 699,824	22,506	22,043
37	45	96 893	35 511,167	786 145,234	22,138	21,675
38	46	96 687	34 487,100	750 634,066	21,766	21,303
39	47	96 466	33 487,431	716 146,966	21,386	20,923
40	48	96 226	32 510,258	682 659,536	20,998	20,535
41	49	95 954	31 550,618	650 149,278	20,607	20,144
42	50	95 658	30 611,637	618 598,660	20,208	19,745
43	51	95 344	29 694,292	587 987,023	19,801	19,339
44	52	94 993	28 793,229	558 292,732	19,390	18,927
45	53	94 601	27 906,964	529 499,503	18,974	18,511
46	54	94 173	27 037,262	501 592,539	18,552	18,089
47	55	93 696	26 180,449	474 555,277	18,126	17,664
48	56	93 171	25 336,925	448 374,827	17,696	17,234
49	57	92 591	24 505,356	423 037,903	17,263	16,800
50	58	91 954	23 685,322	398 532,546	16,826	16,363
51	59	91 250	22 874,854	374 847,224	16,387	15,924
52	60	90 484	22 075,827	351 972,371	15,944	15,481
53	61	89 634	21 283,142	329 896,543	15,500	15,038
54	62	88 706	20 498,999	308 613,401	15,055	14,592
55	63	87 693	19 722,569	288 114,402	14,608	14,146
56	64	86 586	18 952,447	268 391,833	14,161	13,699
57	65	85 373	18 186,772	249 439,385	13,715	13,253
58	66	84 071	17 430,196	231 252,614	13,267	12,805
59	67	82 655	16 677,906	213 822,417	12,821	12,358
60	68	81 140	15 933,940	197 144,512	12,373	11,910
61	69	79 501	15 194,325	181 210,572	11,926	11,463
62	70	77 732	14 458,624	166 016,247	11,482	11,019
63	71	75 836	13 728,452	151 557,622	11,040	10,577
64	72	73 826	13 006,929	137 829,170	10,597	10,134
65	73	71 696	12 293,543	124 822,242	10,153	9,691
66	74	69 432	11 586,630	112 528,699	9,712	9,249
67	75	67 060	10 891,399	100 942,070	9,268	8,805
68	76	64 587	10 208,962	90 050,670	8,821	8,358
69	77	61 982	9 534,997	79 841,709	8,374	7,911
70	78	59 231	8 867,837	70 306,711	7,928	7,465
71	79	56 320	8 206,408	61 438,874	7,487	7,024
72	80	53 207	7 545,264	53 232,467	7,055	6,592
73	81	49 924	6 890,308	45 687,203	6,631	6,168
74	82	46 420	6 235,186	38 796,895	6,222	5,759
75	83	42 756	5 589,341	32 561,709	5,826	5,363
76	84	38 975	4 958,730	26 972,368	5,439	4,977
77	85	35 081	4 343,830	22 013,637	5,068	4,605
78	86	31 092	3 746,802	17 669,807	4,716	4,253
79	87	27 091	3 177,268	13 923,005	4,382	3,919
80	88	23 152	2 642,717	10 745,737	4,066	3,603
81	89	19 351	2 149,715	8 103,020	3,769	3,307
82	90	15 758	1 703,680	5 953,304	3,494	3,032
83	91	12 458	1 310,853	4 249,624	3,242	2,779
84	92	9 525	975,399	2 938,771	3,013	2,550
85	93	7 027	700,345	1 963,372	2,803	2,341
86	94	4 977	482,724	1 263,027	2,616	2,154
87	95	3 380	319,100	780,303	2,445	1,983
88	96	2 192	201,402	461,203	2,290	1,827
89	97	1 333	119,199	259,802	2,180	1,717
90	98	780	67,893	140,603	2,071	1,608
91	99	439	37,146	72,710	1,957	1,495
92	100	233	19,198	35,565	1,853	1,390

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 613	99 613,291	3 114 171,862	31,263	30,800
1	10	99 252	96 595,981	3 014 558,571	31,208	30,745
2	11	99 219	93 979,203	2 917 962,590	31,049	30,586
3	12	99 196	91 442,595	2 823 983,387	30,883	30,420
4	13	99 177	88 978,543	2 732 540,792	30,710	30,247
5	14	99 157	86 579,739	2 643 562,248	30,533	30,070
6	15	99 138	84 246,287	2 556 982,509	30,351	29,888
7	16	99 117	81 974,091	2 472 736,223	30,165	29,702
8	17	99 094	79 761,519	2 390 762,131	29,974	29,511
9	18	99 072	77 609,575	2 311 000,612	29,777	29,314
10	19	99 045	75 511,510	2 233 391,037	29,577	29,114
11	20	99 020	73 471,853	2 157 879,527	29,370	28,907
12	21	98 994	71 486,700	2 084 407,674	29,158	28,695
13	22	98 970	69 557,169	2 012 920,974	28,939	28,476
14	23	98 945	67 678,031	1 943 363,805	28,715	28,252
15	24	98 914	65 845,909	1 875 685,774	28,486	28,023
16	25	98 880	64 061,836	1 809 839,865	28,251	27,789
17	26	98 837	62 319,999	1 745 778,030	28,013	27,550
18	27	98 791	60 623,991	1 683 458,031	27,769	27,306
19	28	98 732	58 966,152	1 622 834,039	27,521	27,059
20	29	98 669	57 351,644	1 563 867,887	27,268	26,805
21	30	98 601	55 778,144	1 506 516,243	27,009	26,546
22	31	98 530	54 246,090	1 450 738,099	26,744	26,281
23	32	98 454	52 753,728	1 396 492,009	26,472	26,009
24	33	98 380	51 303,217	1 343 738,281	26,192	25,729
25	34	98 298	49 888,445	1 292 435,065	25,907	25,444
26	35	98 215	48 512,265	1 242 546,619	25,613	25,150
27	36	98 130	47 172,770	1 194 034,354	25,312	24,849
28	37	98 039	45 867,995	1 146 861,584	25,004	24,541
29	38	97 945	44 597,562	1 100 993,589	24,687	24,224
30	39	97 835	43 355,142	1 056 396,027	24,366	23,903
31	40	97 722	42 145,746	1 013 040,886	24,037	23,574
32	41	97 594	40 964,388	970 895,140	23,701	23,238
33	42	97 460	39 813,247	929 930,752	23,357	22,894
34	43	97 312	38 688,601	890 117,506	23,007	22,544
35	44	97 149	37 589,998	851 428,905	22,650	22,188
36	45	96 976	36 519,111	813 838,907	22,285	21,822
37	46	96 781	35 470,250	777 319,795	21,915	21,452
38	47	96 569	34 445,111	741 849,545	21,537	21,074
39	48	96 334	33 441,543	707 404,434	21,153	20,691
40	49	96 073	32 458,435	673 962,891	20,764	20,301
41	50	95 786	31 495,465	641 504,456	20,368	19,905
42	51	95 481	30 554,907	610 008,991	19,964	19,502
43	52	95 139	29 630,666	579 454,084	19,556	19,093
44	53	94 771	28 726,055	549 823,418	19,140	18,677
45	54	94 358	27 835,308	521 097,363	18,721	18,258
46	55	93 901	26 959,160	493 262,055	18,297	17,834
47	56	93 392	26 095,482	466 302,895	17,869	17,406
48	57	92 838	25 246,296	440 207,413	17,437	16,974
49	58	92 228	24 409,194	414 961,117	17,000	16,537
50	59	91 554	23 582,305	390 551,923	16,561	16,098
51	60	90 820	22 767,196	366 969,618	16,118	15,656
52	61	90 007	21 959,356	344 202,422	15,675	15,212
53	62	89 124	21 162,129	322 243,066	15,227	14,765
54	63	88 162	20 373,249	301 080,937	14,778	14,315
55	64	87 101	19 589,464	280 707,688	14,330	13,867
56	65	85 939	18 810,822	261 118,224	13,881	13,418
57	66	84 692	18 041,815	242 307,402	13,430	12,968
58	67	83 335	17 277,471	224 265,587	12,980	12,517
59	68	81 871	16 519,762	206 988,116	12,530	12,067
60	69	80 290	15 767,180	190 468,354	12,080	11,617
61	70	78 582	15 018,761	174 701,174	11,632	11,169
62	71	76 753	14 276,463	159 682,413	11,185	10,722
63	72	74 797	13 540,348	145 405,950	10,739	10,276
64	73	72 733	12 814,249	131 865,602	10,291	9,828
65	74	70 519	12 091,730	119 051,353	9,846	9,383
66	75	68 193	11 379,887	106 959,623	9,399	8,936
67	76	65 771	10 681,943	95 579,735	8,948	8,485
68	77	63 194	9 988,796	84 897,793	8,499	8,036
69	78	60 507	9 308,098	74 908,997	8,048	7,585
70	79	57 605	8 624,433	65 600,899	7,606	7,144
71	80	54 551	7 948,608	56 976,467	7,168	6,705
72	81	51 267	7 270,152	49 027,859	6,744	6,281
73	82	47 794	6 596,272	41 757,707	6,331	5,868
74	83	44 128	5 927,299	35 161,435	5,932	5,469
75	84	40 331	5 272,361	29 234,136	5,545	5,082
76	85	36 436	4 635,604	23 961,774	5,169	4,706
77	86	32 411	4 013,157	19 326,170	4,816	4,353
78	87	28 381	3 420,156	15 313,013	4,477	4,014
79	88	24 383	2 859,715	11 892,857	4,159	3,696
80	89	20 508	2 340,914	9 033,142	3,859	3,396
81	90	16 845	1 871,289	6 692,229	3,576	3,113
82	91	13 434	1 452,428	4 820,940	3,319	2,856
83	92	10 370	1 091,109	3 368,512	3,087	2,624
84	93	7 739	792,510	2 277,403	2,874	2,411
85	94	5 559	553,991	1 484,893	2,680	2,218
86	95	3 831	371,618	930,902	2,505	2,042
87	96	2 526	238,439	559,285	2,346	1,883
88	97	1 566	143,871	320,846	2,230	1,767
89	98	934	83,556	176,975	2,118	1,655
90	99	536	46,634	93,419	2,003	1,540
91	100	291	24,629	46,785	1,900	1,437

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 607	99 607,197	3 104 212,091	31,165	30,702
1	11	99 247	96 590,330	3 004 604,894	31,107	30,644
2	12	99 211	93 971,936	2 908 014,563	30,946	30,483
3	13	99 188	91 435,414	2 814 042,627	30,776	30,313
4	14	99 168	88 970,160	2 722 607,213	30,601	30,139
5	15	99 148	86 571,756	2 633 637,052	30,421	29,959
6	16	99 126	84 236,036	2 547 065,296	30,237	29,774
7	17	99 103	81 962,021	2 462 829,260	30,048	29,586
8	18	99 081	79 750,658	2 380 867,239	29,854	29,391
9	19	99 053	77 594,285	2 301 116,580	29,656	29,193
10	20	99 027	75 498,311	2 223 522,296	29,451	28,988
11	21	99 001	73 458,270	2 148 023,984	29,241	28,779
12	22	98 977	71 474,912	2 074 565,715	29,025	28,562
13	23	98 954	69 545,845	2 003 090,803	28,802	28,340
14	24	98 927	67 665,851	1 933 544,958	28,575	28,112
15	25	98 896	65 834,061	1 865 879,107	28,342	27,879
16	26	98 861	64 049,649	1 800 045,046	28,104	27,641
17	27	98 818	62 308,271	1 735 995,397	27,861	27,399
18	28	98 770	60 610,946	1 673 687,126	27,614	27,151
19	29	98 709	58 952,257	1 613 076,180	27,362	26,900
20	30	98 644	57 336,803	1 554 123,922	27,105	26,642
21	31	98 570	55 760,455	1 496 787,120	26,843	26,380
22	32	98 499	54 229,057	1 441 026,665	26,573	26,110
23	33	98 421	52 735,653	1 386 797,607	26,297	25,834
24	34	98 345	51 284,731	1 334 061,955	26,013	25,550
25	35	98 258	49 868,191	1 282 777,224	25,723	25,261
26	36	98 175	48 492,272	1 232 909,033	25,425	24,962
27	37	98 085	47 151,141	1 184 416,761	25,120	24,657
28	38	97 993	45 846,223	1 137 265,620	24,806	24,343
29	39	97 886	44 570,658	1 091 419,397	24,487	24,025
30	40	97 776	43 329,079	1 046 848,739	24,160	23,698
31	41	97 655	42 116,847	1 003 519,660	23,827	23,364
32	42	97 522	40 934,063	961 402,813	23,487	23,024
33	43	97 383	39 781,644	920 468,750	23,138	22,675
34	44	97 223	38 653,469	880 687,105	22,784	22,321
35	45	97 054	37 553,514	842 033,637	22,422	21,959
36	46	96 865	36 477,033	804 480,122	22,054	21,592
37	47	96 664	35 427,065	768 003,089	21,678	21,216
38	48	96 437	34 397,911	732 576,025	21,297	20,834
39	49	96 180	33 388,235	698 178,114	20,911	20,448
40	50	95 905	32 401,695	664 789,878	20,517	20,054
41	51	95 609	31 437,098	632 388,183	20,116	19,653
42	52	95 277	30 489,437	600 951,085	19,710	19,247
43	53	94 917	29 561,539	570 461,648	19,297	18,835
44	54	94 528	28 652,296	540 900,109	18,878	18,415
45	55	94 085	27 754,900	512 247,814	18,456	17,993
46	56	93 596	26 871,665	484 492,913	18,030	17,567
47	57	93 058	26 002,139	457 621,248	17,599	17,137
48	58	92 474	25 147,226	431 619,109	17,164	16,701
49	59	91 827	24 303,029	406 471,883	16,725	16,262
50	60	91 123	23 471,318	382 168,854	16,282	15,820
51	61	90 341	22 647,078	358 697,536	15,839	15,376
52	62	89 495	21 834,498	336 050,459	15,391	14,928
53	63	88 578	21 032,311	314 215,961	14,940	14,477
54	64	87 567	20 235,753	293 183,650	14,488	14,026
55	65	86 450	19 443,078	272 947,897	14,038	13,575
56	66	85 254	18 660,891	253 504,819	13,585	13,122
57	67	83 950	17 883,731	234 843,928	13,132	12,669
58	68	82 545	17 113,642	216 960,197	12,678	12,215
59	69	81 014	16 346,872	199 846,555	12,225	11,763
60	70	79 363	15 584,997	183 499,683	11,774	11,311
61	71	77 592	14 829,543	167 914,687	11,323	10,860
62	72	75 701	14 080,850	153 085,144	10,872	10,409
63	73	73 689	13 339,767	139 004,294	10,420	9,957
64	74	71 539	12 603,889	125 664,527	9,970	9,507
65	75	69 261	11 875,975	113 060,639	9,520	9,057
66	76	66 881	11 161,036	101 184,664	9,066	8,603
67	77	64 352	10 451,577	90 023,627	8,613	8,151
68	78	61 690	9 751,098	79 572,051	8,160	7,697
69	79	58 846	9 052,609	69 820,953	7,713	7,250
70	80	55 795	8 353,501	60 768,344	7,275	6,812
71	81	52 562	7 658,790	52 414,844	6,844	6,381
72	82	49 079	6 959,907	44 756,054	6,431	5,968
73	83	45 434	6 270,555	37 796,147	6,028	5,565
74	84	41 625	5 591,153	31 525,592	5,638	5,176
75	85	37 703	4 928,798	25 934,439	5,262	4,799
76	86	33 662	4 282,720	21 005,641	4,905	4,442
77	87	29 585	3 663,290	16 722,921	4,565	4,102
78	88	25 545	3 078,327	13 059,630	4,242	3,780
79	89	21 598	2 533,130	9 981,304	3,940	3,477
80	90	17 852	2 037,723	7 448,174	3,655	3,192
81	91	14 361	1 595,318	5 410,451	3,391	2,929
82	92	11 182	1 208,951	3 815,133	3,156	2,693
83	93	8 425	886,524	2 606,182	2,940	2,477
84	94	6 122	626,896	1 719,658	2,743	2,280
85	95	4 279	426,481	1 092,762	2,562	2,099
86	96	2 863	277,681	666,280	2,399	1,937
87	97	1 804	170,328	388,599	2,281	1,819
88	98	1 098	100,851	218,271	2,164	1,701
89	99	642	57,393	117,421	2,046	1,583
90	100	355	30,920	60,027	1,941	1,479

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	11	99 601	99 601,371	3 093 699,109	31,061	30,598
1	12	99 239	96 582,861	2 994 097,738	31,000	30,537
2	13	99 204	93 964,557	2 897 514,877	30,836	30,373
3	14	99 179	91 426,800	2 803 550,320	30,664	30,202
4	15	99 159	88 961,957	2 712 123,520	30,486	30,024
5	16	99 136	86 561,223	2 623 161,563	30,304	29,841
6	17	99 112	84 223,633	2 536 600,340	30,117	29,655
7	18	99 089	81 950,861	2 452 376,707	29,925	29,462
8	19	99 061	79 734,946	2 370 425,846	29,729	29,266
9	20	99 035	77 580,722	2 290 690,900	29,527	29,064
10	21	99 009	75 484,353	2 213 110,178	29,319	28,856
11	22	98 985	73 446,156	2 137 625,825	29,105	28,642
12	23	98 961	71 463,275	2 064 179,668	28,884	28,422
13	24	98 937	69 533,329	1 992 716,393	28,658	28,196
14	25	98 909	67 653,676	1 923 183,064	28,427	27,964
15	26	98 877	65 821,537	1 855 529,388	28,190	27,727
16	27	98 843	64 037,596	1 789 707,851	27,948	27,485
17	28	98 797	62 294,863	1 725 670,255	27,702	27,239
18	29	98 746	60 596,664	1 663 375,393	27,450	26,987
19	30	98 683	58 937,002	1 602 778,729	27,195	26,732
20	31	98 613	57 318,620	1 543 841,727	26,934	26,472
21	32	98 539	55 742,946	1 486 523,107	26,667	26,205
22	33	98 465	54 210,476	1 430 780,160	26,393	25,930
23	34	98 385	52 716,650	1 376 569,684	26,113	25,650
24	35	98 305	51 263,909	1 323 853,034	25,824	25,361
25	36	98 218	49 847,639	1 272 589,124	25,530	25,067
26	37	98 130	48 470,038	1 222 741,485	25,227	24,764
27	38	98 038	47 128,760	1 174 271,447	24,916	24,453
28	39	97 934	45 818,567	1 127 142,687	24,600	24,137
29	40	97 828	44 543,865	1 081 324,120	24,275	23,813
30	41	97 709	43 299,368	1 036 780,256	23,944	23,482
31	42	97 582	42 085,669	993 480,888	23,606	23,143
32	43	97 445	40 901,571	951 395,218	23,261	22,798
33	44	97 295	39 745,520	910 493,647	22,908	22,445
34	45	97 129	38 615,953	870 748,127	22,549	22,086
35	46	96 942	37 510,244	832 132,174	22,184	21,721
36	47	96 747	36 432,621	794 621,930	21,811	21,348
37	48	96 531	35 378,519	758 189,309	21,431	20,968
38	49	96 283	34 343,079	722 810,790	21,047	20,584
39	50	96 012	33 329,870	688 467,711	20,656	20,193
40	51	95 727	32 341,648	655 137,840	20,257	19,794
41	52	95 404	31 369,737	622 796,192	19,853	19,391
42	53	95 054	30 418,306	591 426,454	19,443	18,980
43	54	94 674	29 485,634	561 008,148	19,026	18,564
44	55	94 255	28 569,528	531 522,514	18,605	18,142
45	56	93 780	27 664,823	502 952,986	18,180	17,717
46	57	93 262	26 775,546	475 288,163	17,751	17,288
47	58	92 693	25 900,104	448 512,616	17,317	16,854
48	59	92 071	25 037,850	422 612,512	16,879	16,416
49	60	91 395	24 188,650	397 574,662	16,436	15,974
50	61	90 642	23 347,484	373 386,012	15,993	15,530
51	62	89 827	22 518,309	350 038,528	15,545	15,082
52	63	88 946	21 700,555	327 520,219	15,093	14,630
53	64	87 980	20 890,366	305 819,664	14,639	14,176
54	65	86 912	20 084,537	284 929,298	14,187	13,724
55	66	85 761	19 288,108	264 844,761	13,731	13,268
56	67	84 507	18 497,382	245 556,652	13,275	12,812
57	68	83 154	17 714,153	227 059,270	12,818	12,355
58	69	81 681	16 934,536	209 345,117	12,362	11,899
59	70	80 078	16 157,990	192 410,580	11,908	11,445
60	71	78 363	15 388,645	176 252,590	11,453	10,991
61	72	76 529	14 626,352	160 863,945	10,998	10,535
62	73	74 580	13 872,262	146 237,594	10,542	10,079
63	74	72 479	13 120,779	132 365,332	10,088	9,625
64	75	70 262	12 378,995	119 244,553	9,633	9,170
65	76	67 929	11 647,584	106 865,557	9,175	8,712
66	77	65 439	10 920,338	95 217,974	8,719	8,257
67	78	62 821	10 202,866	84 297,636	8,262	7,799
68	79	59 997	9 483,449	74 094,770	7,813	7,350
69	80	56 998	8 768,226	64 611,320	7,369	6,906
70	81	53 761	8 048,919	55 843,095	6,938	6,475
71	82	50 319	7 331,959	47 794,175	6,519	6,056
72	83	46 655	6 616,234	40 462,216	6,116	5,653
73	84	42 857	5 914,942	33 845,982	5,722	5,259
74	85	38 913	5 226,816	27 931,039	5,344	4,881
75	86	34 833	4 553,595	22 704,223	4,986	4,523
76	87	30 727	3 909,353	18 150,628	4,643	4,180
77	88	26 628	3 297,161	14 241,275	4,319	3,856
78	89	22 627	2 726,776	10 944,114	4,014	3,551
79	90	18 801	2 205,044	8 217,339	3,727	3,264
80	91	15 219	1 737,208	6 012,295	3,461	2,998
81	92	11 953	1 327,888	4 275,087	3,219	2,757
82	93	9 085	982,271	2 947,199	3,000	2,538
83	94	6 665	701,263	1 964,929	2,802	2,339
84	95	4 713	482,606	1 263,665	2,618	2,156
85	96	3 197	318,677	781,059	2,451	1,988
86	97	2 045	198,361	462,383	2,331	1,868
87	98	1 265	119,397	264,022	2,211	1,748
88	99	754	69,272	144,625	2,088	1,625
89	100	426	38,054	75,352	1,980	1,517

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 594	99 593,669	3 082 623,679	30,952	30,489
1	13	99 231	96 575,277	2 983 030,010	30,888	30,425
2	14	99 194	93 955,704	2 886 454,733	30,721	30,259
3	15	99 170	91 418,370	2 792 499,029	30,546	30,084
4	16	99 147	88 951,133	2 701 080,659	30,366	29,903
5	17	99 122	86 548,477	2 612 129,526	30,181	29,718
6	18	99 098	84 212,165	2 525 581,049	29,991	29,528
7	19	99 070	81 934,715	2 441 368,884	29,797	29,334
8	20	99 044	79 721,009	2 359 434,169	29,596	29,133
9	21	99 017	77 566,379	2 279 713,159	29,390	28,928
10	22	98 993	75 471,906	2 202 146,780	29,178	28,716
11	23	98 969	73 434,199	2 126 674,875	28,960	28,497
12	24	98 943	71 450,414	2 053 240,676	28,737	28,274
13	25	98 919	69 520,818	1 981 790,261	28,506	28,044
14	26	98 890	67 640,806	1 912 269,444	28,271	27,808
15	27	98 858	65 809,150	1 844 628,638	28,030	27,567
16	28	98 821	64 023,816	1 778 819,487	27,784	27,321
17	29	98 774	62 280,184	1 714 795,672	27,534	27,071
18	30	98 721	60 580,983	1 652 515,488	27,278	26,815
19	31	98 652	58 918,312	1 591 934,505	27,019	26,557
20	32	98 582	57 300,622	1 533 016,193	26,754	26,291
21	33	98 505	55 723,847	1 475 715,572	26,483	26,020
22	34	98 430	54 190,943	1 419 991,725	26,203	25,741
23	35	98 345	52 695,248	1 365 800,782	25,919	25,456
24	36	98 264	51 242,782	1 313 105,534	25,625	25,162
25	37	98 173	49 824,784	1 261 862,752	25,326	24,863
26	38	98 083	48 447,031	1 212 037,969	25,018	24,555
27	39	97 979	47 100,330	1 163 590,937	24,705	24,242
28	40	97 875	45 791,023	1 116 490,608	24,382	23,919
29	41	97 760	44 513,321	1 070 699,585	24,053	23,591
30	42	97 637	43 267,315	1 026 186,263	23,717	23,255
31	43	97 505	42 052,264	982 918,948	23,374	22,911
32	44	97 356	40 864,430	940 866,685	23,024	22,561
33	45	97 200	39 706,944	900 002,255	22,666	22,203
34	46	97 017	38 571,458	860 295,310	22,304	21,841
35	47	96 824	37 464,575	821 723,853	21,933	21,471
36	48	96 614	36 382,698	784 259,278	21,556	21,093
37	49	96 377	35 322,124	747 876,580	21,173	20,710
38	50	96 115	34 283,045	712 554,456	20,784	20,322
39	51	95 834	33 268,103	678 271,411	20,388	19,925
40	52	95 522	32 272,350	645 003,308	19,986	19,523
41	53	95 181	31 296,553	612 730,958	19,578	19,115
42	54	94 810	30 340,202	581 434,405	19,164	18,701
43	55	94 400	29 400,459	551 094,203	18,744	18,282
44	56	93 949	28 476,807	521 693,744	18,320	17,857
45	57	93 445	27 565,867	493 216,936	17,892	17,429
46	58	92 896	26 670,476	465 651,069	17,459	16,997
47	59	92 290	25 787,453	438 980,594	17,023	16,560
48	60	91 638	24 920,013	413 193,140	16,581	16,118
49	61	90 913	24 061,031	388 273,127	16,137	15,674
50	62	90 127	23 214,733	364 212,096	15,689	15,226
51	63	89 276	22 380,172	340 997,362	15,237	14,774
52	64	88 346	21 554,101	318 617,191	14,782	14,319
53	65	87 322	20 734,259	297 063,090	14,327	13,864
54	66	86 219	19 924,455	276 328,831	13,869	13,406
55	67	85 010	19 119,104	256 404,376	13,411	12,948
56	68	83 706	18 321,986	237 285,273	12,951	12,488
57	69	82 284	17 528,763	218 963,286	12,492	12,029
58	70	80 737	16 738,865	201 434,524	12,034	11,571
59	71	79 070	15 954,419	184 695,659	11,576	11,114
60	72	77 289	15 177,793	168 741,240	11,118	10,655
61	73	75 396	14 409,683	153 563,447	10,657	10,194
62	74	73 355	13 644,533	139 153,764	10,198	9,736
63	75	71 186	12 886,663	125 509,231	9,739	9,277
64	76	68 911	12 140,930	112 622,569	9,276	8,813
65	77	66 464	11 396,393	100 481,639	8,817	8,354
66	78	63 882	10 660,473	89 085,246	8,357	7,894
67	79	61 097	9 922,817	78 424,774	7,903	7,441
68	80	58 112	9 185,532	68 501,956	7,458	6,995
69	81	54 920	8 448,523	59 316,424	7,021	6,558
70	82	51 467	7 705,441	50 867,901	6,602	6,139
71	83	47 834	6 969,915	43 162,460	6,193	5,730
72	84	44 010	6 241,018	36 192,545	5,799	5,336
73	85	40 065	5 529,506	29 951,528	5,417	4,954
74	86	35 951	4 828,927	24 422,021	5,057	4,595
75	87	31 796	4 156,612	19 593,095	4,714	4,251
76	88	27 656	3 518,630	15 436,482	4,387	3,924
77	89	23 587	2 920,619	11 917,852	4,081	3,618
78	90	19 697	2 373,609	8 997,233	3,791	3,328
79	91	16 028	1 879,853	6 623,624	3,523	3,061
80	92	12 668	1 445,992	4 743,771	3,281	2,818
81	93	9 712	1 078,907	3 297,779	3,057	2,594
82	94	7 187	777,001	2 218,873	2,856	2,393
83	95	5 131	539,857	1 441,871	2,671	2,208
84	96	3 521	360,614	902,015	2,501	2,039
85	97	2 284	227,646	541,400	2,378	1,915
86	98	1 434	139,047	313,754	2,256	1,794
87	99	869	82,012	174,707	2,130	1,667
88	100	500	45,930	92,696	2,018	1,555

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 586	99 585,848	3 070 979,222	30,838	30,375
1	14	99 222	96 566,178	2 971 393,373	30,771	30,308
2	15	99 185	93 947,041	2 874 827,195	30,601	30,138
3	16	99 158	91 407,247	2 780 880,154	30,423	29,960
4	17	99 132	88 938,035	2 689 472,907	30,240	29,777
5	18	99 108	86 536,693	2 600 534,871	30,051	29,588
6	19	99 079	84 195,574	2 513 998,179	29,859	29,396
7	20	99 052	81 920,394	2 429 802,605	29,661	29,198
8	21	99 026	79 706,271	2 347 882,211	29,457	28,994
9	22	99 001	77 553,588	2 268 175,941	29,247	28,784
10	23	98 977	75 459,618	2 190 622,352	29,030	28,568
11	24	98 951	73 420,983	2 115 162,734	28,809	28,346
12	25	98 926	71 437,558	2 041 741,751	28,581	28,118
13	26	98 900	69 507,593	1 970 304,193	28,347	27,884
14	27	98 872	67 628,076	1 900 796,600	28,107	27,644
15	28	98 837	65 794,989	1 833 168,523	27,862	27,399
16	29	98 798	64 008,729	1 767 373,534	27,611	27,149
17	30	98 748	62 264,067	1 703 364,805	27,357	26,894
18	31	98 690	60 561,771	1 641 100,738	27,098	26,635
19	32	98 621	58 899,811	1 580 538,967	26,834	26,372
20	33	98 548	57 280,989	1 521 639,155	26,564	26,102
21	34	98 470	55 703,768	1 464 358,167	26,288	25,825
22	35	98 390	54 168,941	1 408 654,399	26,005	25,542
23	36	98 305	52 673,530	1 354 485,457	25,715	25,252
24	37	98 219	51 219,287	1 301 811,927	25,416	24,954
25	38	98 126	49 801,134	1 250 592,640	25,112	24,649
26	39	98 024	48 417,806	1 200 791,506	24,801	24,338
27	40	97 920	47 072,015	1 152 373,700	24,481	24,018
28	41	97 808	45 759,624	1 105 301,685	24,155	23,692
29	42	97 688	44 480,370	1 059 542,061	23,820	23,358
30	43	97 560	43 232,971	1 015 061,691	23,479	23,016
31	44	97 416	42 014,077	971 828,719	23,131	22,668
32	45	97 262	40 824,768	929 814,642	22,776	22,313
33	46	97 088	39 661,192	888 989,874	22,415	21,952
34	47	96 899	38 524,497	849 328,682	22,046	21,584
35	48	96 692	37 413,237	810 804,185	21,672	21,209
36	49	96 460	36 324,702	773 390,948	21,291	20,828
37	50	96 209	35 260,378	737 066,246	20,904	20,441
38	51	95 936	34 219,512	701 805,868	20,509	20,046
39	52	95 629	33 196,820	667 586,357	20,110	19,647
40	53	95 299	32 197,060	634 389,537	19,703	19,241
41	54	94 937	31 216,194	602 192,477	19,291	18,828
42	55	94 536	30 252,558	570 976,283	18,874	18,411
43	56	94 094	29 305,041	540 723,725	18,452	17,989
44	57	93 613	28 374,947	511 418,683	18,024	17,561
45	58	93 078	27 457,695	483 043,737	17,592	17,129
46	59	92 492	26 554,475	455 586,041	17,157	16,694
47	60	91 856	25 666,088	429 031,567	16,716	16,253
48	61	91 155	24 788,536	403 365,478	16,272	15,809
49	62	90 396	23 924,223	378 576,942	15,824	15,361
50	63	89 574	23 072,324	354 652,719	15,371	14,909
51	64	88 674	22 229,130	331 580,395	14,916	14,454
52	65	87 685	21 393,034	309 351,265	14,460	13,998
53	66	86 626	20 568,998	287 958,231	14,000	13,537
54	67	85 464	19 749,874	267 389,233	13,539	13,076
55	68	84 204	18 937,812	247 639,358	13,076	12,614
56	69	82 830	18 130,234	228 701,546	12,614	12,152
57	70	81 333	17 326,225	210 571,312	12,153	11,691
58	71	79 720	16 527,975	193 245,087	11,692	11,229
59	72	77 986	15 735,815	176 717,112	11,230	10,767
60	73	76 144	14 952,955	160 981,297	10,766	10,303
61	74	74 158	14 173,131	146 028,342	10,303	9,840
62	75	72 047	13 401,071	131 855,210	9,839	9,376
63	76	69 817	12 638,834	118 454,139	9,372	8,909
64	77	67 425	11 879,100	105 815,305	8,908	8,445
65	78	64 882	11 125,198	93 936,205	8,444	7,981
66	79	62 128	10 367,864	82 811,007	7,987	7,524
67	80	59 177	9 611,097	72 443,143	7,537	7,075
68	81	55 994	8 850,614	62 832,046	7,099	6,636
69	82	52 576	8 087,992	53 981,432	6,674	6,211
70	83	48 925	7 324,954	45 893,440	6,265	5,803
71	84	45 121	6 574,641	38 568,486	5,866	5,403
72	85	41 142	5 834,333	31 993,845	5,484	5,021
73	86	37 015	5 108,574	26 159,512	5,121	4,658
74	87	32 816	4 407,941	21 050,937	4,776	4,313
75	88	28 618	3 741,178	16 642,996	4,449	3,986
76	89	24 498	3 116,796	12 901,818	4,139	3,677
77	90	20 532	2 542,346	9 785,023	3,849	3,386
78	91	16 792	2 023,559	7 242,676	3,579	3,116
79	92	13 341	1 564,724	5 219,118	3,335	2,873
80	93	10 293	1 174,866	3 654,393	3,110	2,648
81	94	7 683	853,443	2 479,528	2,905	2,443
82	95	5 533	598,163	1 626,085	2,718	2,256
83	96	3 834	403,393	1 027,922	2,548	2,085
84	97	2 516	257,604	624,529	2,424	1,962
85	98	1 601	159,575	366,925	2,299	1,837
86	99	985	95,509	207,349	2,171	1,708
87	100	576	54,376	111,840	2,057	1,594

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,466	3 058 757,673	30,718	30,255
1	15	99 213	96 557,274	2 959 181,207	30,647	30,184
2	16	99 173	93 935,611	2 862 623,932	30,474	30,011
3	17	99 143	91 393,788	2 768 688,321	30,294	29,831
4	18	99 119	88 925,925	2 677 294,534	30,107	29,644
5	19	99 089	86 519,643	2 588 368,608	29,917	29,454
6	20	99 061	84 180,857	2 501 848,965	29,720	29,257
7	21	99 034	81 905,248	2 417 668,108	29,518	29,055
8	22	99 009	79 693,127	2 335 762,860	29,309	28,847
9	23	98 985	77 540,962	2 256 069,732	29,095	28,632
10	24	98 959	75 446,038	2 178 528,770	28,875	28,413
11	25	98 933	73 407,772	2 103 082,732	28,649	28,186
12	26	98 907	71 423,969	2 029 674,960	28,417	27,954
13	27	98 881	69 494,512	1 958 250,991	28,178	27,716
14	28	98 851	67 613,524	1 888 756,479	27,935	27,472
15	29	98 814	65 779,485	1 821 142,955	27,686	27,223
16	30	98 773	63 992,166	1 755 363,470	27,431	26,968
17	31	98 717	62 244,322	1 691 371,305	27,173	26,710
18	32	98 659	60 542,755	1 629 126,983	26,909	26,446
19	33	98 587	58 879,631	1 568 584,228	26,641	26,178
20	34	98 512	57 260,349	1 509 704,598	26,366	25,903
21	35	98 430	55 681,153	1 452 444,249	26,085	25,622
22	36	98 349	54 146,617	1 396 763,097	25,796	25,333
23	37	98 260	52 649,380	1 342 616,480	25,501	25,038
24	38	98 173	51 194,975	1 289 967,100	25,197	24,734
25	39	98 067	49 771,091	1 238 772,125	24,889	24,427
26	40	97 965	48 388,700	1 189 001,034	24,572	24,109
27	41	97 853	47 039,738	1 140 612,334	24,248	23,785
28	42	97 735	45 725,750	1 093 572,596	23,916	23,453
29	43	97 611	44 445,063	1 047 846,846	23,576	23,113
30	44	97 471	43 193,713	1 003 401,783	23,230	22,767
31	45	97 322	41 973,299	960 208,070	22,877	22,414
32	46	97 150	40 777,728	918 234,771	22,518	22,055
33	47	96 970	39 612,904	877 457,042	22,151	21,688
34	48	96 766	38 471,706	837 844,138	21,778	21,315
35	49	96 538	37 353,598	799 372,432	21,400	20,937
36	50	96 292	36 261,204	762 018,833	21,015	20,552
37	51	96 030	35 195,033	725 757,630	20,621	20,158
38	52	95 731	34 146,190	690 562,596	20,224	19,761
39	53	95 406	33 119,373	656 416,406	19,820	19,357
40	54	95 055	32 114,388	623 297,033	19,409	18,946
41	55	94 663	31 126,020	591 182,645	18,993	18,530
42	56	94 230	30 154,375	560 056,625	18,573	18,110
43	57	93 757	29 200,219	529 902,250	18,147	17,684
44	58	93 246	28 263,600	500 702,032	17,715	17,253
45	59	92 673	27 338,270	472 438,432	17,281	16,818
46	60	92 056	26 429,500	445 100,162	16,841	16,378
47	61	91 371	25 530,675	418 670,662	16,399	15,936
48	62	90 636	24 647,591	393 139,987	15,950	15,488
49	63	89 841	23 777,462	368 492,395	15,498	15,035
50	64	88 970	22 916,611	344 714,934	15,042	14,579
51	65	88 011	22 063,019	321 798,323	14,585	14,123
52	66	86 987	21 222,522	299 735,303	14,123	13,661
53	67	85 867	20 388,770	278 512,781	13,660	13,197
54	68	84 654	19 562,602	258 124,011	13,195	12,732
55	69	83 322	18 739,615	238 561,409	12,730	12,268
56	70	81 873	17 920,747	219 821,794	12,266	11,804
57	71	80 309	17 107,935	201 901,047	11,802	11,339
58	72	78 627	16 301,512	184 793,112	11,336	10,873
59	73	76 831	15 502,711	168 491,600	10,869	10,406
60	74	74 894	14 707,485	152 988,888	10,402	9,939
61	75	72 835	13 920,237	138 281,403	9,934	9,471
62	76	70 661	13 143,350	124 361,166	9,462	8,999
63	77	68 312	12 366,266	111 217,816	8,994	8,531
64	78	65 820	11 596,419	98 851,550	8,524	8,061
65	79	63 101	10 819,834	87 255,131	8,064	7,602
66	80	60 177	10 042,163	76 435,297	7,611	7,149
67	81	57 020	9 260,662	66 393,134	7,169	6,707
68	82	53 604	8 472,924	57 132,472	6,743	6,280
69	83	49 980	7 688,616	48 659,548	6,329	5,866
70	84	46 151	6 909,546	40 970,933	5,930	5,467
71	85	42 181	6 146,217	34 061,387	5,542	5,079
72	86	38 010	5 390,197	27 915,171	5,179	4,716
73	87	33 788	4 663,209	22 524,974	4,830	4,368
74	88	29 537	3 967,387	17 861,765	4,502	4,039
75	89	25 350	3 313,928	13 894,378	4,193	3,730
76	90	21 325	2 713,115	10 580,450	3,900	3,437
77	91	17 504	2 167,411	7 867,335	3,630	3,167
78	92	13 977	1 684,340	5 699,924	3,384	2,921
79	93	10 840	1 271,336	4 015,584	3,159	2,696
80	94	8 142	929,349	2 744,248	2,953	2,490
81	95	5 914	657,010	1 814,899	2,762	2,300
82	96	4 134	446,961	1 157,889	2,591	2,128
83	97	2 739	288,163	710,928	2,467	2,004
84	98	1 763	180,576	422,765	2,341	1,878
85	99	1 100	109,609	242,190	2,210	1,747
86	100	653	63,326	132,580	2,094	1,631

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 567	99 567,285	3 045 952,561	30,592	30,129
1	16	99 201	96 545,527	2 946 385,276	30,518	30,055
2	17	99 159	93 921,779	2 849 839,750	30,343	29,880
3	18	99 130	91 381,343	2 755 917,971	30,158	29,696
4	19	99 099	88 908,405	2 664 536,627	29,969	29,507
5	20	99 071	86 504,521	2 575 628,222	29,774	29,312
6	21	99 043	84 165,294	2 489 123,701	29,574	29,111
7	22	99 018	81 891,742	2 404 958,407	29,368	28,905
8	23	98 993	79 680,153	2 323 066,665	29,155	28,692
9	24	98 967	77 527,007	2 243 386,513	28,937	28,474
10	25	98 941	75 432,463	2 165 859,505	28,713	28,250
11	26	98 914	73 393,808	2 090 427,042	28,482	28,020
12	27	98 888	71 410,527	2 017 033,234	28,246	27,783
13	28	98 860	69 479,558	1 945 622,707	28,003	27,540
14	29	98 827	67 597,591	1 876 143,149	27,755	27,292
15	30	98 788	65 762,463	1 808 545,558	27,501	27,038
16	31	98 741	63 971,872	1 742 783,095	27,243	26,780
17	32	98 686	62 224,777	1 678 811,223	26,980	26,517
18	33	98 625	60 522,011	1 616 586,446	26,711	26,248
19	34	98 552	58 858,414	1 556 064,435	26,437	25,975
20	35	98 472	57 237,101	1 497 206,021	26,158	25,695
21	36	98 389	55 658,205	1 439 968,920	25,872	25,409
22	37	98 304	54 121,791	1 384 310,715	25,578	25,115
23	38	98 213	52 624,389	1 330 188,924	25,277	24,814
24	39	98 114	51 164,092	1 277 564,536	24,970	24,507
25	40	98 008	49 741,171	1 226 400,444	24,656	24,193
26	41	97 898	48 355,520	1 176 659,272	24,334	23,871
27	42	97 781	47 004,917	1 128 303,753	24,004	23,541
28	43	97 658	45 689,455	1 081 298,836	23,666	23,203
29	44	97 522	44 404,704	1 035 609,381	23,322	22,859
30	45	97 376	43 151,790	991 204,677	22,970	22,507
31	46	97 210	41 924,936	948 052,887	22,613	22,150
32	47	97 031	40 728,081	906 127,951	22,248	21,785
33	48	96 837	39 558,623	865 399,870	21,876	21,414
34	49	96 612	38 410,381	825 841,247	21,500	21,038
35	50	96 369	37 288,302	787 430,867	21,117	20,655
36	51	96 113	36 194,005	750 142,565	20,726	20,263
37	52	95 825	35 119,621	713 948,561	20,329	19,866
38	53	95 507	34 066,528	678 828,939	19,927	19,464
39	54	95 161	33 034,333	644 762,412	19,518	19,055
40	55	94 780	32 021,620	611 728,078	19,104	18,641
41	56	94 355	31 025,002	579 706,459	18,685	18,222
42	57	93 893	30 046,514	548 681,457	18,261	17,798
43	58	93 389	29 085,633	518 634,943	17,831	17,368
44	59	92 840	28 140,670	489 549,310	17,397	16,934
45	60	92 237	27 209,607	461 408,640	16,958	16,495
46	61	91 571	26 290,059	434 199,033	16,516	16,053
47	62	90 851	25 385,511	407 908,975	16,069	15,606
48	63	90 080	24 496,392	382 523,464	15,616	15,153
49	64	89 235	23 616,990	358 027,072	15,160	14,697
50	65	88 305	22 745,363	334 410,082	14,702	14,240
51	66	87 310	21 887,167	311 664,719	14,240	13,777
52	67	86 224	21 036,568	289 777,552	13,775	13,312
53	68	85 053	20 195,439	268 740,984	13,307	12,844
54	69	83 768	19 357,866	248 545,544	12,840	12,377
55	70	82 360	18 523,086	229 187,678	12,373	11,910
56	71	80 841	17 694,967	210 664,592	11,905	11,443
57	72	79 208	16 873,526	192 969,625	11,436	10,973
58	73	77 463	16 060,029	176 096,099	10,965	10,502
59	74	75 570	15 248,216	160 036,070	10,495	10,033
60	75	73 558	14 445,057	144 787,854	10,023	9,561
61	76	71 434	13 652,532	130 342,797	9,547	9,084
62	77	69 137	12 859,901	116 690,265	9,074	8,611
63	78	66 686	12 071,992	103 830,363	8,601	8,138
64	79	64 014	11 278,120	91 758,371	8,136	7,673
65	80	61 119	10 479,934	80 480,251	7,679	7,217
66	81	57 983	9 676,010	70 000,317	7,234	6,772
67	82	54 586	8 865,474	60 324,306	6,804	6,342
68	83	50 957	8 054,540	51 458,832	6,389	5,926
69	84	47 145	7 252,583	43 404,292	5,985	5,522
70	85	43 143	6 459,298	36 151,709	5,597	5,134
71	86	38 970	5 678,338	29 692,411	5,229	4,766
72	87	34 696	4 920,279	24 014,074	4,881	4,418
73	88	30 411	4 197,142	19 093,794	4,549	4,086
74	89	26 163	3 514,304	14 896,652	4,239	3,776
75	90	22 067	2 884,715	11 382,348	3,946	3,483
76	91	18 180	2 312,995	8 497,634	3,674	3,211
77	92	14 570	1 804,078	6 184,638	3,428	2,965
78	93	11 356	1 368,524	4 380,560	3,201	2,738
79	94	8 575	1 005,659	3 012,037	2,995	2,532
80	95	6 268	715,445	2 006,377	2,804	2,342
81	96	4 419	490,933	1 290,932	2,630	2,167
82	97	2 953	319,285	799,999	2,506	2,043
83	98	1 920	201,997	480,714	2,380	1,917
84	99	1 211	124,034	278,717	2,247	1,784
85	100	729	72,675	154,683	2,128	1,666

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 555	99 555,170	3 032 555,623	30,461	29,998
1	17	99 186	96 531,311	2 933 000,453	30,384	29,921
2	18	99 145	93 908,990	2 836 469,142	30,204	29,742
3	19	99 110	91 363,340	2 742 560,152	30,018	29,555
4	20	99 082	88 892,865	2 651 196,812	29,825	29,362
5	21	99 053	86 488,528	2 562 303,947	29,626	29,163
6	22	99 027	84 151,415	2 475 815,419	29,421	28,958
7	23	99 002	81 878,410	2 391 664,004	29,210	28,747
8	24	98 975	79 665,813	2 309 785,595	28,993	28,531
9	25	98 949	77 513,057	2 230 119,782	28,771	28,308
10	26	98 922	75 418,114	2 152 606,724	28,542	28,079
11	27	98 896	73 379,996	2 077 188,611	28,307	27,844
12	28	98 867	71 395,161	2 003 808,615	28,066	27,604
13	29	98 837	69 463,186	1 932 413,454	27,819	27,356
14	30	98 802	67 580,099	1 862 950,269	27,567	27,104
15	31	98 757	65 741,608	1 795 370,170	27,309	26,847
16	32	98 710	63 951,785	1 729 628,562	27,046	26,583
17	33	98 652	62 203,457	1 665 676,777	26,778	26,315
18	34	98 589	60 500,203	1 603 473,320	26,504	26,041
19	35	98 512	58 834,518	1 542 973,117	26,226	25,763
20	36	98 432	57 213,512	1 484 138,599	25,940	25,478
21	37	98 344	55 632,685	1 426 925,087	25,649	25,186
22	38	98 258	54 096,101	1 371 292,402	25,349	24,886
23	39	98 154	52 592,643	1 317 196,301	25,045	24,582
24	40	98 055	51 133,335	1 264 603,657	24,731	24,269
25	41	97 941	49 707,064	1 213 470,323	24,412	23,950
26	42	97 825	48 319,724	1 163 763,259	24,085	23,622
27	43	97 703	46 967,606	1 115 443,535	23,749	23,286
28	44	97 569	45 647,966	1 068 475,929	23,407	22,944
29	45	97 427	44 361,606	1 022 827,963	23,057	22,594
30	46	97 264	43 102,069	978 466,357	22,701	22,238
31	47	97 091	41 873,892	935 364,288	22,338	21,875
32	48	96 898	40 672,271	893 490,396	21,968	21,505
33	49	96 683	39 495,564	852 818,125	21,593	21,130
34	50	96 443	38 343,236	813 322,560	21,212	20,749
35	51	96 190	37 219,199	774 979,324	20,822	20,359
36	52	95 907	36 116,452	737 760,125	20,427	19,964
37	53	95 601	35 037,688	701 643,673	20,025	19,563
38	54	95 262	33 979,056	666 605,985	19,618	19,155
39	55	94 886	32 938,907	632 626,929	19,206	18,743
40	56	94 472	31 917,695	599 688,022	18,789	18,326
41	57	94 018	30 914,026	567 770,327	18,366	17,903
42	58	93 524	29 928,608	536 856,300	17,938	17,475
43	59	92 983	28 959,128	506 927,692	17,505	17,042
44	60	92 403	28 008,230	477 968,565	17,065	16,602
45	61	91 750	27 066,050	449 960,335	16,625	16,162
46	62	91 050	26 140,577	422 894,285	16,178	15,715
47	63	90 294	25 229,785	396 753,709	15,726	15,263
48	64	89 472	24 331,069	371 523,924	15,270	14,807
49	65	88 568	23 440,508	347 192,855	14,812	14,349
50	66	87 601	22 564,072	323 752,347	14,348	13,885
51	67	86 545	21 695,389	301 188,275	13,883	13,420
52	68	85 407	20 837,095	279 492,886	13,413	12,950
53	69	84 163	19 984,080	258 655,791	12,943	12,480
54	70	82 800	19 134,194	238 671,711	12,474	12,011
55	71	81 322	18 289,718	219 537,517	12,003	11,541
56	72	79 733	17 452,514	201 247,799	11,531	11,068
57	73	78 035	16 623,569	183 795,285	11,056	10,593
58	74	76 191	15 796,385	167 171,716	10,583	10,120
59	75	74 221	14 976,140	151 375,331	10,108	9,645
60	76	72 143	14 167,259	136 399,191	9,628	9,165
61	77	69 893	13 358,102	122 231,933	9,150	8,688
62	78	67 492	12 553,881	108 873,830	8,673	8,210
63	79	64 856	11 740,640	96 319,950	8,204	7,741
64	80	62 003	10 923,824	84 579,310	7,743	7,280
65	81	58 891	10 097,820	73 655,486	7,294	6,831
66	82	55 508	9 263,098	63 557,665	6,861	6,399
67	83	51 891	8 427,706	54 294,568	6,442	5,980
68	84	48 067	7 597,755	45 866,861	6,037	5,574
69	85	44 073	6 779,982	38 269,106	5,644	5,182
70	86	39 859	5 967,586	31 489,124	5,277	4,814
71	87	35 573	5 183,301	25 521,538	4,924	4,461
72	88	31 228	4 428,520	20 338,238	4,593	4,130
73	89	26 938	3 717,820	15 909,718	4,279	3,816
74	90	22 775	3 059,138	12 191,898	3,985	3,523
75	91	18 813	2 459,288	9 132,760	3,714	3,251
76	92	15 132	1 925,257	6 673,472	3,466	3,003
77	93	11 838	1 465,810	4 748,214	3,239	2,776
78	94	8 983	1 082,537	3 282,404	3,032	2,569
79	95	6 601	774,191	2 199,867	2,842	2,379
80	96	4 684	534,597	1 425,675	2,667	2,204
81	97	3 157	350,697	891,078	2,541	2,078
82	98	2 070	223,813	540,381	2,414	1,952
83	99	1 319	138,748	316,568	2,282	1,819
84	100	803	82,239	177,820	2,162	1,699

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 541	99 540,511	3 018 561,690	30,325	29,862
1	18	99 172	96 518,167	2 919 021,179	30,243	29,780
2	19	99 125	93 890,489	2 822 503,012	30,062	29,599
3	20	99 093	91 347,370	2 728 612,523	29,871	29,408
4	21	99 064	88 876,431	2 637 265,153	29,673	29,211
5	22	99 037	86 474,266	2 548 388,722	29,470	29,007
6	23	99 011	84 137,715	2 461 914,456	29,261	28,798
7	24	98 984	81 863,674	2 377 776,742	29,046	28,583
8	25	98 957	79 651,478	2 295 913,068	28,824	28,362
9	26	98 930	77 498,313	2 216 261,589	28,598	28,135
10	27	98 904	75 403,920	2 138 763,277	28,364	27,901
11	28	98 875	73 364,206	2 063 359,357	28,125	27,662
12	29	98 844	71 378,337	1 989 995,151	27,880	27,417
13	30	98 811	69 445,211	1 918 616,814	27,628	27,165
14	31	98 770	67 558,668	1 849 171,604	27,371	26,909
15	32	98 726	65 720,965	1 781 612,936	27,109	26,646
16	33	98 676	63 929,873	1 715 891,971	26,840	26,377
17	34	98 616	62 181,043	1 651 962,098	26,567	26,104
18	35	98 549	60 475,640	1 589 781,055	26,288	25,825
19	36	98 471	58 810,271	1 529 305,415	26,004	25,541
20	37	98 387	57 187,280	1 470 495,144	25,714	25,251
21	38	98 297	55 606,279	1 413 307,864	25,416	24,954
22	39	98 198	54 063,468	1 357 701,586	25,113	24,650
23	40	98 095	52 561,027	1 303 638,118	24,802	24,340
24	41	97 987	51 098,273	1 251 077,091	24,484	24,021
25	42	97 868	49 670,268	1 199 978,818	24,159	23,696
26	43	97 748	48 281,370	1 150 308,550	23,825	23,362
27	44	97 614	46 924,956	1 102 027,181	23,485	23,022
28	45	97 474	45 603,661	1 055 102,224	23,136	22,674
29	46	97 315	44 310,491	1 009 498,563	22,782	22,320
30	47	97 146	43 049,592	965 188,072	22,420	21,958
31	48	96 958	41 816,512	922 138,481	22,052	21,589
32	49	96 744	40 607,437	880 321,968	21,679	21,216
33	50	96 514	39 426,523	839 714,531	21,298	20,835
34	51	96 264	38 272,179	800 288,008	20,910	20,448
35	52	95 984	37 139,449	762 015,829	20,518	20,055
36	53	95 683	36 032,193	724 876,380	20,117	19,655
37	54	95 356	34 947,723	688 844,186	19,711	19,248
38	55	94 987	33 880,901	653 896,463	19,300	18,837
39	56	94 578	32 832,006	620 015,562	18,884	18,422
40	57	94 134	31 803,527	587 183,557	18,463	18,000
41	58	93 649	30 792,716	555 380,030	18,036	17,573
42	59	93 117	29 798,436	524 587,314	17,605	17,142
43	60	92 546	28 822,836	494 788,878	17,167	16,704
44	61	91 916	27 860,459	465 966,043	16,725	16,262
45	62	91 229	26 912,156	438 105,584	16,279	15,816
46	63	90 491	25 980,219	411 193,428	15,827	15,364
47	64	89 685	25 059,512	385 213,209	15,372	14,909
48	65	88 804	24 149,250	360 153,698	14,914	14,451
49	66	87 862	23 253,677	336 004,447	14,450	13,987
50	67	86 833	22 366,363	312 750,770	13,983	13,520
51	68	85 724	21 489,669	290 384,407	13,513	13,050
52	69	84 513	20 619,020	268 894,738	13,041	12,578
53	70	83 191	19 753,172	248 275,718	12,569	12,106
54	71	81 757	18 893,126	228 522,545	12,096	11,633
55	72	80 208	18 039,116	209 629,419	11,621	11,158
56	73	78 552	17 193,980	191 590,303	11,143	10,680
57	74	76 754	16 350,674	174 396,323	10,666	10,203
58	75	74 832	15 514,527	158 045,649	10,187	9,724
59	76	72 794	14 688,128	142 531,122	9,704	9,241
60	77	70 587	13 861,728	127 842,994	9,223	8,760
61	78	68 230	13 040,227	113 981,266	8,741	8,278
62	79	65 639	12 209,302	100 941,040	8,268	7,805
63	80	62 818	11 371,814	88 731,738	7,803	7,340
64	81	59 742	10 525,525	77 359,924	7,350	6,887
65	82	56 378	9 666,907	66 834,399	6,914	6,451
66	83	52 767	8 805,696	57 167,492	6,492	6,029
67	84	48 948	7 949,759	48 361,796	6,083	5,621
68	85	44 935	7 102,661	40 412,037	5,690	5,227
69	86	40 718	6 263,858	33 309,376	5,318	4,855
70	87	36 384	5 447,332	27 045,517	4,965	4,502
71	88	32 017	4 665,253	21 598,186	4,630	4,167
72	89	27 662	3 922,774	16 932,933	4,317	3,854
73	90	23 449	3 236,296	13 010,159	4,020	3,557
74	91	19 416	2 607,988	9 773,863	3,748	3,285
75	92	15 659	2 047,027	7 165,875	3,501	3,038
76	93	12 295	1 564,268	5 118,848	3,272	2,810
77	94	9 364	1 159,494	3 554,580	3,066	2,603
78	95	6 915	833,375	2 395,086	2,874	2,411
79	96	4 932	578,494	1 561,711	2,700	2,237
80	97	3 346	381,888	983,217	2,575	2,112
81	98	2 213	245,832	601,330	2,446	1,983
82	99	1 422	153,733	355,498	2,312	1,850
83	100	874	91,995	201,765	2,193	1,730

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 527	99 526,958	3 003 965,078	30,182	29,720
1	19	99 153	96 499,151	2 904 438,121	30,098	29,635
2	20	99 108	93 874,078	2 807 938,970	29,912	29,449
3	21	99 074	91 330,482	2 714 064,892	29,717	29,254
4	22	99 047	88 861,775	2 622 734,410	29,515	29,052
5	23	99 021	86 460,187	2 533 872,635	29,307	28,844
6	24	98 993	84 122,573	2 447 412,448	29,093	28,631
7	25	98 966	81 848,944	2 363 289,875	28,874	28,411
8	26	98 939	79 636,326	2 281 440,931	28,648	28,185
9	27	98 912	77 483,728	2 201 804,604	28,416	27,954
10	28	98 882	75 387,695	2 124 320,877	28,179	27,716
11	29	98 851	73 346,918	2 048 933,182	27,935	27,472
12	30	98 818	71 359,866	1 975 586,264	27,685	27,222
13	31	98 780	69 423,188	1 904 226,398	27,429	26,966
14	32	98 739	67 537,454	1 834 803,210	27,167	26,704
15	33	98 692	65 698,447	1 767 265,756	26,900	26,437
16	34	98 641	63 906,837	1 701 567,309	26,626	26,163
17	35	98 576	62 155,798	1 637 660,472	26,348	25,885
18	36	98 509	60 450,716	1 575 504,675	26,063	25,600
19	37	98 426	58 783,306	1 515 053,958	25,774	25,311
20	38	98 340	57 160,135	1 456 270,652	25,477	25,014
21	39	98 238	55 572,734	1 399 110,517	25,176	24,713
22	40	98 139	54 030,967	1 343 537,783	24,866	24,403
23	41	98 028	52 524,986	1 289 506,815	24,550	24,088
24	42	97 915	51 060,447	1 236 981,829	24,226	23,763
25	43	97 791	49 630,842	1 185 921,382	23,895	23,432
26	44	97 659	48 237,527	1 136 290,540	23,556	23,093
27	45	97 520	46 879,412	1 088 053,013	23,210	22,747
28	46	97 362	45 551,115	1 041 173,601	22,857	22,394
29	47	97 196	44 256,542	995 622,486	22,497	22,034
30	48	97 013	42 990,601	951 365,944	22,130	21,667
31	49	96 804	41 749,855	908 375,344	21,758	21,295
32	50	96 575	40 536,453	866 625,489	21,379	20,916
33	51	96 335	39 353,458	826 089,036	20,992	20,529
34	52	96 058	38 190,173	786 735,578	20,600	20,138
35	53	95 760	37 052,804	748 545,405	20,202	19,739
36	54	95 438	35 939,674	711 492,601	19,797	19,334
37	55	95 080	34 846,770	675 552,927	19,386	18,924
38	56	94 679	33 770,942	640 706,157	18,972	18,509
39	57	94 239	32 714,567	606 935,215	18,552	18,090
40	58	93 765	31 678,726	574 220,648	18,126	17,664
41	59	93 242	30 658,786	542 541,922	17,696	17,233
42	60	92 679	29 658,194	511 883,137	17,259	16,797
43	61	92 057	28 670,767	482 224,943	16,819	16,357
44	62	91 393	27 702,048	453 554,175	16,373	15,910
45	63	90 669	26 747,064	425 852,127	15,921	15,459
46	64	89 881	25 804,881	399 105,063	15,466	15,003
47	65	89 015	24 872,250	373 300,182	15,009	14,546
48	66	88 096	23 956,770	348 427,932	14,544	14,081
49	67	87 092	23 049,925	324 471,161	14,077	13,614
50	68	86 010	22 154,280	301 421,236	13,606	13,143
51	69	84 827	21 264,765	279 266,955	13,133	12,670
52	70	83 536	20 380,776	258 002,190	12,659	12,196
53	71	82 142	19 504,306	237 621,414	12,183	11,720
54	72	80 636	18 634,256	218 117,108	11,705	11,242
55	73	79 020	17 771,892	199 482,852	11,225	10,762
56	74	77 263	16 911,721	181 710,959	10,745	10,282
57	75	75 384	16 058,926	164 799,238	10,262	9,799
58	76	73 392	15 216,161	148 740,313	9,775	9,312
59	77	71 224	14 371,365	133 524,152	9,291	8,828
60	78	68 908	13 531,868	119 152,787	8,805	8,343
61	79	66 357	12 682,298	105 620,919	8,328	7,865
62	80	63 577	11 825,753	92 938,621	7,859	7,396
63	81	60 528	10 957,181	81 112,868	7,403	6,940
64	82	57 193	10 076,360	70 155,687	6,962	6,500
65	83	53 594	9 189,566	60 079,327	6,538	6,075
66	84	49 775	8 306,312	50 889,761	6,127	5,664
67	85	45 759	7 431,728	42 583,450	5,730	5,267
68	86	41 514	6 561,974	35 151,722	5,357	4,894
69	87	37 168	5 717,775	28 589,748	5,000	4,537
70	88	32 748	4 902,896	22 871,973	4,665	4,202
71	89	28 361	4 132,472	17 969,078	4,348	3,885
72	90	24 079	3 414,704	13 836,606	4,052	3,589
73	91	19 991	2 759,020	10 421,902	3,777	3,315
74	92	16 161	2 170,800	7 662,882	3,530	3,067
75	93	12 723	1 663,205	5 492,082	3,302	2,839
76	94	9 726	1 237,376	3 828,877	3,094	2,632
77	95	7 209	892,618	2 591,501	2,903	2,440
78	96	5 167	622,717	1 698,882	2,728	2,265
79	97	3 523	413,245	1 076,165	2,604	2,141
80	98	2 345	267,696	662,920	2,476	2,014
81	99	1 520	168,857	395,224	2,341	1,878
82	100	943	101,930	226,366	2,221	1,758

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 507	99 507,349	2 988 756,146	30,036	29,573
1	20	99 136	96 482,284	2 889 248,797	29,946	29,483
2	21	99 090	93 856,722	2 792 766,513	29,756	29,293
3	22	99 058	91 315,422	2 698 909,791	29,556	29,093
4	23	99 031	88 847,308	2 607 594,369	29,349	28,886
5	24	99 003	86 444,627	2 518 747,062	29,137	28,674
6	25	98 975	84 107,436	2 432 302,434	28,919	28,456
7	26	98 947	81 833,374	2 348 194,998	28,695	28,232
8	27	98 920	79 621,339	2 266 361,624	28,464	28,001
9	28	98 890	77 467,054	2 186 740,284	28,228	27,765
10	29	98 859	75 369,930	2 109 273,230	27,986	27,523
11	30	98 826	73 327,938	2 033 903,300	27,737	27,274
12	31	98 787	71 337,236	1 960 575,362	27,483	27,020
13	32	98 749	69 401,389	1 889 238,126	27,222	26,759
14	33	98 706	67 514,314	1 819 836,737	26,955	26,492
15	34	98 657	65 674,774	1 752 322,424	26,682	26,219
16	35	98 601	63 880,891	1 686 647,650	26,403	25,940
17	36	98 536	62 130,181	1 622 766,759	26,119	25,656
18	37	98 463	60 423,000	1 560 636,577	25,829	25,366
19	38	98 379	58 755,404	1 500 213,577	25,533	25,070
20	39	98 281	57 125,653	1 441 458,173	25,233	24,770
21	40	98 179	55 539,327	1 384 332,520	24,925	24,462
22	41	98 072	53 993,919	1 328 793,194	24,610	24,147
23	42	97 955	52 486,104	1 274 799,275	24,288	23,825
24	43	97 837	51 019,917	1 222 313,171	23,958	23,495
25	44	97 702	49 585,774	1 171 293,254	23,622	23,159
26	45	97 564	48 190,709	1 121 707,480	23,276	22,814
27	46	97 407	46 825,396	1 073 516,771	22,926	22,463
28	47	97 244	45 495,656	1 026 691,375	22,567	22,104
29	48	97 063	44 195,897	981 195,719	22,201	21,738
30	49	96 858	42 922,072	936 999,822	21,830	21,367
31	50	96 634	41 676,873	894 077,750	21,453	20,990
32	51	96 396	40 461,331	852 400,878	21,067	20,604
33	52	96 128	39 269,135	811 939,547	20,676	20,213
34	53	95 834	38 101,077	772 670,412	20,279	19,817
35	54	95 514	36 957,665	734 569,335	19,876	19,413
36	55	95 162	35 835,856	697 611,670	19,467	19,004
37	56	94 772	34 733,676	661 775,815	19,053	18,590
38	57	94 340	33 650,145	627 042,138	18,634	18,171
39	58	93 870	32 586,191	593 391,994	18,210	17,747
40	59	93 357	31 540,942	560 805,803	17,780	17,317
41	60	92 803	30 514,494	529 264,861	17,345	16,882
42	61	92 190	29 501,718	498 750,367	16,906	16,443
43	62	91 534	28 507,749	469 248,648	16,460	15,998
44	63	90 832	27 532,111	440 740,900	16,008	15,545
45	64	90 057	26 566,551	413 208,788	15,554	15,091
46	65	89 209	25 612,050	386 642,237	15,096	14,633
47	66	88 305	24 674,007	361 030,187	14,632	14,169
48	67	87 324	23 746,858	336 356,180	14,164	13,701
49	68	86 266	22 831,361	312 609,321	13,692	13,229
50	69	85 110	21 922,421	289 777,960	13,218	12,756
51	70	83 847	21 019,059	267 855,539	12,743	12,281
52	71	82 484	20 124,003	246 836,480	12,266	11,803
53	72	81 017	19 237,063	226 712,477	11,785	11,322
54	73	79 442	18 358,216	207 475,415	11,302	10,839
55	74	77 722	17 480,146	189 117,198	10,819	10,356
56	75	75 884	16 609,962	171 637,052	10,333	9,871
57	76	73 935	15 750,090	155 027,090	9,843	9,380
58	77	71 810	14 888,010	139 277,000	9,355	8,892
59	78	69 529	14 029,377	124 388,989	8,866	8,404
60	79	67 016	13 160,445	110 359,613	8,386	7,923
61	80	64 273	12 283,890	97 199,168	7,913	7,450
62	81	61 259	11 394,568	84 915,277	7,452	6,989
63	82	57 945	10 489,595	73 520,709	7,009	6,546
64	83	54 369	9 578,800	63 031,113	6,580	6,117
65	84	50 554	8 668,412	53 452,313	6,166	5,704
66	85	46 531	7 765,047	44 783,901	5,767	5,305
67	86	42 275	6 865,990	37 018,855	5,392	4,929
68	87	37 895	5 989,901	30 152,865	5,034	4,571
69	88	33 454	5 146,309	24 162,964	4,695	4,232
70	89	29 008	4 342,975	19 016,655	4,379	3,916
71	90	24 688	3 597,243	14 673,680	4,079	3,616
72	91	20 528	2 911,117	11 076,437	3,805	3,342
73	92	16 640	2 296,513	8 165,320	3,556	3,093
74	93	13 131	1 763,771	5 868,808	3,327	2,865
75	94	10 064	1 315,638	4 105,037	3,120	2,657
76	95	7 487	952,575	2 789,399	2,928	2,465
77	96	5 387	666,985	1 836,823	2,754	2,291
78	97	3 691	444,836	1 169,838	2,630	2,167
79	98	2 470	289,677	725,002	2,503	2,040
80	99	1 611	183,876	435,325	2,367	1,905
81	100	1 008	111,958	251,449	2,246	1,783

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 490	99 489,956	2 972 932,332	29,882	29,419
1	21	99 117	96 464,446	2 873 442,376	29,788	29,325
2	22	99 073	93 841,245	2 776 977,930	29,592	29,129
3	23	99 042	91 300,555	2 683 136,684	29,388	28,925
4	24	99 013	88 831,318	2 591 836,130	29,177	28,714
5	25	98 985	86 429,073	2 503 004,811	28,960	28,497
6	26	98 956	84 091,437	2 416 575,738	28,737	28,275
7	27	98 929	81 817,974	2 332 484,302	28,508	28,045
8	28	98 899	79 604,206	2 250 666,328	28,273	27,810
9	29	98 867	77 448,800	2 171 062,122	28,032	27,569
10	30	98 833	75 350,427	2 093 613,322	27,785	27,322
11	31	98 794	73 304,684	2 018 262,895	27,533	27,070
12	32	98 756	71 314,836	1 944 958,212	27,273	26,810
13	33	98 715	69 377,610	1 873 643,376	27,006	26,544
14	34	98 670	67 489,986	1 804 265,766	26,734	26,271
15	35	98 617	65 648,110	1 736 775,780	26,456	25,993
16	36	98 560	63 854,564	1 671 127,669	26,171	25,708
17	37	98 491	62 101,695	1 607 273,106	25,881	25,418
18	38	98 417	60 394,319	1 545 171,411	25,585	25,122
19	39	98 320	58 719,960	1 484 777,092	25,286	24,823
20	40	98 222	57 091,312	1 426 057,132	24,979	24,516
21	41	98 112	55 501,244	1 368 965,820	24,665	24,203
22	42	97 999	53 953,949	1 313 464,576	24,344	23,881
23	43	97 877	52 444,443	1 259 510,627	24,016	23,553
24	44	97 748	50 973,588	1 207 066,184	23,680	23,217
25	45	97 607	49 537,647	1 156 092,596	23,338	22,875
26	46	97 452	48 135,182	1 106 554,950	22,988	22,526
27	47	97 289	46 768,385	1 058 419,768	22,631	22,168
28	48	97 110	45 433,313	1 011 651,383	22,267	21,804
29	49	96 909	44 125,447	966 218,070	21,897	21,434
30	50	96 689	42 847,041	922 092,623	21,521	21,058
31	51	96 455	41 599,637	879 245,582	21,136	20,673
32	52	96 189	40 374,634	837 645,945	20,747	20,284
33	53	95 904	39 177,522	797 271,310	20,350	19,887
34	54	95 588	38 003,246	758 093,789	19,948	19,485
35	55	95 238	36 850,905	720 090,543	19,541	19,078
36	56	94 853	35 719,552	683 239,638	19,128	18,665
37	57	94 433	34 609,435	647 520,086	18,709	18,247
38	58	93 970	33 518,097	612 910,650	18,286	17,823
39	59	93 461	32 444,460	579 392,553	17,858	17,395
40	60	92 918	31 392,499	546 948,093	17,423	16,960
41	61	92 313	30 353,501	515 555,594	16,985	16,522
42	62	91 666	29 333,975	485 202,093	16,541	16,078
43	63	90 972	28 332,870	455 868,118	16,090	15,627
44	64	90 219	27 346,300	427 535,248	15,634	15,171
45	65	89 384	26 368,028	400 188,948	15,177	14,714
46	66	88 498	25 407,910	373 820,920	14,713	14,250
47	67	87 531	24 457,811	348 413,010	14,245	13,783
48	68	86 496	23 521,685	323 955,199	13,773	13,310
49	69	85 364	22 592,415	300 433,513	13,298	12,835
50	70	84 126	21 669,116	277 841,098	12,822	12,359
51	71	82 790	20 754,245	256 171,982	12,343	11,880
52	72	81 354	19 848,268	235 417,737	11,861	11,398
53	73	79 817	18 952,093	215 569,469	11,374	10,912
54	74	78 138	18 056,845	196 617,376	10,889	10,426
55	75	76 336	17 168,245	178 560,531	10,401	9,938
56	76	74 425	16 290,530	161 392,287	9,907	9,444
57	77	72 340	15 410,425	145 101,757	9,416	8,953
58	78	70 101	14 533,728	129 691,332	8,923	8,461
59	79	67 621	13 644,298	115 157,604	8,440	7,977
60	80	64 911	12 747,016	101 513,306	7,964	7,501
61	81	61 929	11 836,001	88 766,289	7,500	7,037
62	82	58 645	10 908,318	76 930,288	7,052	6,590
63	83	55 083	9 971,630	66 021,970	6,621	6,158
64	84	51 285	9 035,572	56 050,340	6,203	5,740
65	85	47 260	8 103,551	47 014,767	5,802	5,339
66	86	42 989	7 173,935	38 911,216	5,424	4,961
67	87	38 590	6 267,413	31 737,281	5,064	4,601
68	88	34 108	5 391,237	25 469,868	4,724	4,261
69	89	29 633	4 558,590	20 078,631	4,405	3,942
70	90	25 251	3 780,482	15 520,041	4,105	3,642
71	91	21 047	3 066,735	11 739,559	3,828	3,365
72	92	17 087	2 423,113	8 672,824	3,579	3,116
73	93	13 520	1 865,912	6 249,710	3,349	2,887
74	94	10 387	1 395,188	4 383,798	3,142	2,679
75	95	7 748	1 012,824	2 988,610	2,951	2,488
76	96	5 595	711,786	1 975,786	2,776	2,313
77	97	3 848	476,459	1 263,999	2,653	2,190
78	98	2 588	311,822	787,540	2,526	2,063
79	99	1 697	198,974	475,719	2,391	1,928
80	100	1 068	121,916	276,745	2,270	1,807

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 472	99 471,563	2 956 482,438	29,722	29,259
1	22	99 101	96 448,539	2 857 010,875	29,622	29,159
2	23	99 057	93 825,967	2 760 562,336	29,422	28,959
3	24	99 024	91 284,124	2 666 736,368	29,214	28,751
4	25	98 995	88 815,334	2 575 452,244	28,998	28,535
5	26	98 966	86 412,632	2 486 636,910	28,776	28,313
6	27	98 938	84 075,611	2 400 224,278	28,548	28,086
7	28	98 907	81 800,368	2 316 148,667	28,315	27,852
8	29	98 875	79 585,448	2 234 348,299	28,075	27,612
9	30	98 841	77 428,759	2 154 762,851	27,829	27,366
10	31	98 802	75 326,531	2 077 334,093	27,578	27,115
11	32	98 763	73 281,666	2 002 007,562	27,319	26,857
12	33	98 722	71 290,402	1 928 725,896	27,054	26,592
13	34	98 679	69 352,611	1 857 435,495	26,782	26,320
14	35	98 630	67 462,586	1 788 082,884	26,505	26,042
15	36	98 576	65 621,055	1 720 620,298	26,221	25,758
16	37	98 515	63 825,286	1 654 999,243	25,930	25,467
17	38	98 444	62 072,217	1 591 173,957	25,634	25,171
18	39	98 357	60 357,886	1 529 101,740	25,334	24,871
19	40	98 261	58 684,660	1 468 743,853	25,028	24,565
20	41	98 154	57 052,165	1 410 059,193	24,715	24,252
21	42	98 039	55 460,158	1 353 007,028	24,396	23,933
22	43	97 922	53 911,123	1 297 546,870	24,068	23,605
23	44	97 788	52 396,820	1 243 635,747	23,735	23,272
24	45	97 653	50 924,114	1 191 238,927	23,392	22,930
25	46	97 495	49 480,568	1 140 314,813	23,046	22,583
26	47	97 333	48 076,577	1 090 834,245	22,690	22,227
27	48	97 155	46 704,299	1 042 757,669	22,327	21,864
28	49	96 956	45 360,890	996 053,370	21,958	21,496
29	50	96 739	44 048,312	950 692,480	21,583	21,120
30	51	96 510	42 767,637	906 644,168	21,199	20,736
31	52	96 249	41 510,502	863 876,531	20,811	20,348
32	53	95 965	40 280,442	822 366,029	20,416	19,953
33	54	95 658	39 076,927	782 085,588	20,014	19,551
34	55	95 312	37 893,466	743 008,661	19,608	19,145
35	56	94 929	36 731,308	705 115,195	19,197	18,734
36	57	94 514	35 591,785	668 383,888	18,779	18,316
37	58	94 062	34 473,623	632 792,103	18,356	17,893
38	59	93 561	33 372,313	598 318,480	17,929	17,466
39	60	93 021	32 291,765	564 946,167	17,495	17,032
40	61	92 428	31 226,873	532 654,402	17,058	16,595
41	62	91 788	30 180,915	501 427,529	16,614	16,151
42	63	91 104	29 154,028	471 246,614	16,164	15,701
43	64	90 358	28 141,654	442 092,587	15,710	15,247
44	65	89 545	27 141,950	413 950,932	15,251	14,789
45	66	88 672	26 157,863	386 808,982	14,787	14,325
46	67	87 723	25 185,283	360 651,119	14,320	13,857
47	68	86 701	24 225,897	335 465,835	13,847	13,385
48	69	85 591	23 275,515	311 239,939	13,372	12,909
49	70	84 377	22 331,369	287 964,424	12,895	12,432
50	71	83 067	21 396,112	265 633,054	12,415	11,952
51	72	81 656	20 469,875	244 236,943	11,932	11,469
52	73	80 149	19 554,244	223 767,068	11,443	10,981
53	74	78 506	18 640,972	204 212,824	10,955	10,492
54	75	76 743	17 734,653	185 571,852	10,464	10,001
55	76	74 867	16 838,076	167 837,199	9,968	9,505
56	77	72 820	15 939,209	150 999,123	9,473	9,011
57	78	70 619	15 043,711	135 059,914	8,978	8,515
58	79	68 177	14 134,806	120 016,203	8,491	8,028
59	80	65 496	13 215,670	105 881,397	8,012	7,549
60	81	62 544	12 282,241	92 665,727	7,545	7,082
61	82	59 287	11 330,914	80 383,486	7,094	6,631
62	83	55 749	10 369,677	69 052,572	6,659	6,196
63	84	51 960	9 406,125	58 682,896	6,239	5,776
64	85	47 943	8 446,786	49 276,771	5,834	5,371
65	86	43 662	7 486,671	40 829,985	5,454	4,991
66	87	39 241	6 548,511	33 343,314	5,092	4,629
67	88	34 733	5 641,013	26 794,803	4,750	4,287
68	89	30 213	4 775,547	21 153,789	4,430	3,967
69	90	25 795	3 968,171	16 378,242	4,127	3,665
70	91	21 527	3 222,951	12 410,071	3,851	3,388
71	92	17 519	2 552,645	9 187,120	3,599	3,136
72	93	13 883	1 968,775	6 634,475	3,370	2,907
73	94	10 694	1 475,985	4 665,700	3,161	2,698
74	95	7 996	1 074,064	3 189,715	2,970	2,507
75	96	5 789	756,805	2 115,651	2,796	2,333
76	97	3 996	508,462	1 358,845	2,672	2,210
77	98	2 697	333,989	850,383	2,546	2,083
78	99	1 777	214,185	516,394	2,411	1,948
79	100	1 125	131,927	302,209	2,291	1,828

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 455	99 455,160	2 939 398,226	29,555	29,092
1	23	99 085	96 432,837	2 839 943,066	29,450	28,987
2	24	99 040	93 809,082	2 743 510,229	29,246	28,783
3	25	99 006	91 267,699	2 649 701,147	29,032	28,569
4	26	98 977	88 798,439	2 558 433,449	28,812	28,349
5	27	98 947	86 396,369	2 469 635,009	28,585	28,122
6	28	98 916	84 057,519	2 383 238,640	28,352	27,890
7	29	98 884	81 781,092	2 299 181,121	28,114	27,651
8	30	98 850	79 564,854	2 217 400,029	27,869	27,406
9	31	98 810	77 404,204	2 137 835,175	27,619	27,156
10	32	98 771	75 302,878	2 060 430,971	27,362	26,899
11	33	98 729	73 256,557	1 985 128,093	27,098	26,635
12	34	98 686	71 264,713	1 911 871,535	26,828	26,365
13	35	98 639	69 324,454	1 840 606,822	26,551	26,088
14	36	98 589	67 434,782	1 771 282,368	26,267	25,804
15	37	98 531	65 590,968	1 703 847,586	25,977	25,514
16	38	98 468	63 794,991	1 638 256,618	25,680	25,217
17	39	98 384	62 034,772	1 574 461,627	25,380	24,917
18	40	98 298	60 321,602	1 512 426,855	25,073	24,610
19	41	98 193	58 644,421	1 452 105,253	24,761	24,298
20	42	98 082	57 009,932	1 393 460,832	24,442	23,980
21	43	97 961	55 416,136	1 336 450,901	24,117	23,654
22	44	97 833	53 862,168	1 281 034,764	23,784	23,321
23	45	97 693	52 345,965	1 227 172,597	23,443	22,981
24	46	97 541	50 865,437	1 174 826,632	23,097	22,634
25	47	97 376	49 420,324	1 123 961,195	22,743	22,280
26	48	97 200	48 010,697	1 074 540,870	22,381	21,918
27	49	97 000	46 629,850	1 026 530,173	22,014	21,552
28	50	96 786	45 281,596	979 900,323	21,640	21,177
29	51	96 560	43 966,682	934 618,728	21,257	20,795
30	52	96 303	42 675,999	890 652,046	20,870	20,407
31	53	96 024	41 413,659	847 976,047	20,476	20,013
32	54	95 719	40 177,015	806 562,388	20,075	19,612
33	55	95 382	38 964,045	766 385,373	19,669	19,206
34	56	95 002	37 770,484	727 421,328	19,259	18,796
35	57	94 590	36 599,921	689 650,843	18,843	18,380
36	58	94 143	35 452,118	653 050,922	18,421	17,958
37	59	93 653	34 323,683	617 598,804	17,993	17,531
38	60	93 121	33 215,251	583 275,121	17,560	17,098
39	61	92 531	32 121,394	550 059,870	17,124	16,662
40	62	91 902	31 049,321	517 938,475	16,681	16,218
41	63	91 225	29 995,772	486 889,154	16,232	15,769
42	64	90 489	28 957,270	456 893,383	15,778	15,315
43	65	89 683	27 931,361	427 936,113	15,321	14,858
44	66	88 831	26 925,617	400 004,752	14,856	14,393
45	67	87 895	25 928,665	373 079,135	14,389	13,926
46	68	86 891	24 946,471	347 150,470	13,916	13,453
47	69	85 794	23 972,356	322 203,999	13,441	12,978
48	70	84 602	23 006,576	298 231,642	12,963	12,500
49	71	83 314	22 050,021	275 225,066	12,482	12,019
50	72	81 928	21 102,947	253 175,045	11,997	11,534
51	73	80 446	20 166,642	232 072,099	11,508	11,045
52	74	78 833	19 233,238	211 905,456	11,018	10,555
53	75	77 106	18 308,358	192 672,218	10,524	10,061
54	76	75 268	17 393,592	174 363,860	10,025	9,562
55	77	73 253	16 474,947	156 970,268	9,528	9,065
56	78	71 087	15 559,912	140 495,322	9,029	8,566
57	79	68 680	14 630,791	124 935,410	8,539	8,076
58	80	66 035	13 690,769	110 304,619	8,057	7,594
59	81	63 108	12 733,807	96 613,850	7,587	7,124
60	82	59 875	11 758,110	83 880,043	7,134	6,671
61	83	56 359	10 771,405	72 121,933	6,696	6,233
62	84	52 588	9 781,597	61 350,528	6,272	5,809
63	85	48 574	8 793,192	51 568,931	5,865	5,402
64	86	44 294	7 803,777	42 775,739	5,481	5,019
65	87	39 856	6 833,983	34 971,961	5,117	4,655
66	88	35 319	5 894,017	28 137,978	4,774	4,311
67	89	30 766	4 996,798	22 243,961	4,452	3,989
68	90	26 299	4 157,028	17 247,163	4,149	3,686
69	91	21 991	3 382,961	13 090,135	3,869	3,407
70	92	17 918	2 682,673	9 707,174	3,618	3,156
71	93	14 234	2 074,019	7 024,501	3,387	2,924
72	94	10 982	1 557,352	4 950,481	3,179	2,716
73	95	8 233	1 136,264	3 393,130	2,986	2,523
74	96	5 975	802,566	2 256,865	2,812	2,349
75	97	4 136	540,622	1 454,300	2,690	2,227
76	98	2 801	356,423	913,678	2,563	2,101
77	99	1 853	229,411	557,255	2,429	1,966
78	100	1 178	142,012	327,844	2,309	1,846

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 439	99 438,968	2 921 668,108	29,382	28,919
1	24	99 067	96 415,482	2 822 229,140	29,272	28,809
2	25	99 022	93 792,202	2 725 813,658	29,062	28,599
3	26	98 987	91 250,337	2 632 021,456	28,844	28,381
4	27	98 958	88 781,728	2 540 771,118	28,618	28,155
5	28	98 926	86 377,778	2 451 989,390	28,387	27,924
6	29	98 893	84 037,712	2 365 611,612	28,149	27,687
7	30	98 858	81 759,930	2 281 573,900	27,906	27,443
8	31	98 818	79 539,621	2 199 813,971	27,657	27,194
9	32	98 779	77 379,899	2 120 274,349	27,401	26,938
10	33	98 737	75 277,077	2 042 894,450	27,138	26,676
11	34	98 694	73 230,161	1 967 617,373	26,869	26,406
12	35	98 646	71 235,780	1 894 387,213	26,593	26,130
13	36	98 599	69 295,883	1 823 151,432	26,310	25,847
14	37	98 544	67 403,863	1 753 855,549	26,020	25,557
15	38	98 484	65 559,834	1 686 451,686	25,724	25,261
16	39	98 409	63 756,507	1 620 891,852	25,423	24,960
17	40	98 325	61 997,480	1 557 135,345	25,116	24,653
18	41	98 231	60 280,240	1 495 137,865	24,803	24,340
19	42	98 121	58 601,008	1 434 857,625	24,485	24,022
20	43	98 004	56 964,679	1 376 256,616	24,160	23,697
21	44	97 872	55 365,815	1 319 291,937	23,829	23,366
22	45	97 738	53 809,890	1 263 926,122	23,489	23,026
23	46	97 581	52 285,650	1 210 116,232	23,144	22,682
24	47	97 422	50 803,508	1 157 830,582	22,790	22,328
25	48	97 242	49 352,604	1 107 027,074	22,431	21,968
26	49	97 045	47 934,166	1 057 674,470	22,065	21,602
27	50	96 831	46 548,337	1 009 740,305	21,692	21,229
28	51	96 607	45 197,680	963 191,967	21,311	20,848
29	52	96 353	43 872,475	917 994,287	20,924	20,461
30	53	96 078	42 576,437	874 121,813	20,531	20,068
31	54	95 778	41 307,323	831 545,376	20,131	19,668
32	55	95 442	40 060,955	790 238,053	19,726	19,263
33	56	95 072	38 837,589	750 177,098	19,316	18,853
34	57	94 663	37 635,381	711 339,508	18,901	18,438
35	58	94 219	36 456,298	673 704,127	18,480	18,017
36	59	93 734	35 297,922	637 247,829	18,053	17,591
37	60	93 212	34 162,144	601 949,907	17,620	17,158
38	61	92 630	33 040,009	567 787,763	17,185	16,722
39	62	92 005	31 938,756	534 747,754	16,743	16,280
40	63	91 338	30 858,851	502 808,998	16,294	15,831
41	64	90 610	29 793,333	471 950,148	15,841	15,378
42	65	89 813	28 740,882	442 156,814	15,384	14,921
43	66	88 968	27 708,736	413 415,932	14,920	14,457
44	67	88 053	26 689,691	385 707,197	14,452	13,989
45	68	87 061	25 682,804	359 017,505	13,979	13,516
46	69	85 981	24 685,389	333 334,701	13,503	13,040
47	70	84 803	23 695,365	308 649,312	13,026	12,563
48	71	83 536	22 716,721	284 953,947	12,544	12,081
49	72	82 173	21 747,896	262 237,226	12,058	11,595
50	73	80 715	20 790,336	240 489,329	11,567	11,105
51	74	79 126	19 835,583	219 698,993	11,076	10,613
52	75	77 426	18 890,056	199 863,409	10,580	10,118
53	76	75 623	17 956,263	180 973,353	10,079	9,616
54	77	73 644	17 018,483	163 017,090	9,579	9,116
55	78	71 510	16 082,901	145 998,607	9,078	8,615
56	79	69 136	15 132,823	129 915,707	8,585	8,122
57	80	66 523	14 171,172	114 782,883	8,100	7,637
58	81	63 627	13 191,583	100 611,711	7,627	7,164
59	82	60 415	12 190,406	87 420,128	7,171	6,708
60	83	56 919	11 177,507	75 229,722	6,730	6,268
61	84	53 163	10 160,543	64 052,215	6,304	5,841
62	85	49 161	9 144,198	53 891,672	5,894	5,431
63	86	44 876	8 123,813	44 747,474	5,508	5,045
64	87	40 432	7 123,444	36 623,661	5,141	4,678
65	88	35 873	6 150,957	29 500,217	4,796	4,333
66	89	31 286	5 220,909	23 349,260	4,472	4,009
67	90	26 781	4 349,623	18 128,351	4,168	3,705
68	91	22 421	3 543,966	13 778,728	3,888	3,425
69	92	18 304	2 815,860	10 234,762	3,635	3,172
70	93	14 559	2 179,667	7 418,902	3,404	2,941
71	94	11 259	1 640,603	5 239,235	3,193	2,731
72	95	8 454	1 198,904	3 598,632	3,002	2,539
73	96	6 152	849,043	2 399,729	2,826	2,364
74	97	4 268	573,310	1 550,686	2,705	2,242
75	98	2 899	378,966	977,375	2,579	2,116
76	99	1 924	244,820	598,410	2,444	1,981
77	100	1 228	152,107	353,589	2,325	1,862

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 421	99 421,072	2 903 281,969	29,202	28,739
1	25	99 049	96 398,134	2 803 860,897	29,086	28,623
2	26	99 003	93 774,361	2 707 462,763	28,872	28,409
3	27	98 969	91 233,164	2 613 688,403	28,648	28,186
4	28	98 937	88 762,623	2 522 455,238	28,418	27,955
5	29	98 903	86 357,424	2 433 692,615	28,182	27,719
6	30	98 867	84 015,965	2 347 335,191	27,939	27,476
7	31	98 827	81 734,001	2 263 319,225	27,691	27,228
8	32	98 787	79 514,646	2 181 585,224	27,436	26,973
9	33	98 745	77 353,386	2 102 070,578	27,175	26,712
10	34	98 702	75 249,953	2 024 717,192	26,907	26,444
11	35	98 654	73 200,430	1 949 467,240	26,632	26,169
12	36	98 605	71 206,422	1 876 266,810	26,350	25,887
13	37	98 554	69 264,111	1 805 060,388	26,061	25,598
14	38	98 497	67 371,869	1 735 796,277	25,764	25,302
15	39	98 425	65 520,285	1 668 424,408	25,464	25,001
16	40	98 350	63 718,180	1 602 904,123	25,156	24,693
17	41	98 258	61 954,969	1 539 185,943	24,844	24,381
18	42	98 158	60 235,617	1 477 230,974	24,524	24,061
19	43	98 043	58 554,493	1 416 995,357	24,200	23,737
20	44	97 915	56 912,952	1 358 440,864	23,869	23,406
21	45	97 777	55 312,078	1 301 527,912	23,531	23,068
22	46	97 625	53 747,889	1 246 215,834	23,186	22,723
23	47	97 462	52 221,991	1 192 467,946	22,835	22,372
24	48	97 289	50 733,892	1 140 245,954	22,475	22,012
25	49	97 087	49 273,933	1 089 512,063	22,111	21,649
26	50	96 875	47 850,373	1 040 238,129	21,739	21,277
27	51	96 651	46 462,074	992 387,756	21,359	20,896
28	52	96 400	45 100,835	945 925,682	20,974	20,511
29	53	96 128	43 770,122	900 824,847	20,581	20,118
30	54	95 831	42 467,115	857 054,725	20,182	19,719
31	55	95 501	41 187,998	814 587,611	19,777	19,314
32	56	95 132	39 930,940	773 399,612	19,368	18,906
33	57	94 732	38 698,669	733 468,673	18,953	18,491
34	58	94 291	37 487,695	694 770,004	18,533	18,070
35	59	93 809	36 297,735	657 282,309	18,108	17,645
36	60	93 292	35 131,797	620 984,574	17,676	17,213
37	61	92 720	33 981,906	585 852,777	17,240	16,777
38	62	92 103	32 852,147	551 870,871	16,799	16,336
39	63	91 440	31 742,830	519 018,724	16,351	15,888
40	64	90 722	30 650,587	487 275,894	15,898	15,435
41	65	89 932	29 570,697	456 625,307	15,442	14,979
42	66	89 097	28 511,804	427 054,609	14,978	14,515
43	67	88 189	27 465,949	398 542,805	14,510	14,048
44	68	87 218	26 436,614	371 076,856	14,036	13,574
45	69	86 150	25 414,016	344 640,242	13,561	13,098
46	70	84 988	24 400,160	319 226,226	13,083	12,620
47	71	83 734	23 396,832	294 826,067	12,601	12,138
48	72	82 391	22 405,461	271 429,234	12,114	11,652
49	73	80 955	21 425,732	249 023,773	11,623	11,160
50	74	79 390	20 449,039	227 598,041	11,130	10,667
51	75	77 714	19 481,654	207 149,002	10,633	10,170
52	76	75 937	18 526,775	187 667,348	10,130	9,667
53	77	73 992	17 569,019	169 140,574	9,627	9,164
54	78	71 892	16 613,502	151 571,554	9,123	8,661
55	79	69 547	15 641,457	134 958,052	8,628	8,165
56	80	66 964	14 657,434	119 316,595	8,140	7,678
57	81	64 097	13 654,470	104 659,161	7,665	7,202
58	82	60 912	12 628,647	91 004,691	7,206	6,743
59	83	57 432	11 588,456	78 376,044	6,763	6,300
60	84	53 691	10 543,615	66 787,587	6,334	5,872
61	85	49 699	9 498,450	56 243,973	5,921	5,459
62	86	45 418	8 448,099	46 745,523	5,533	5,070
63	87	40 964	7 415,579	38 297,424	5,164	4,702
64	88	36 391	6 411,488	30 881,845	4,817	4,354
65	89	31 776	5 448,506	24 470,357	4,491	4,028
66	90	27 234	4 544,707	19 021,851	4,185	3,723
67	91	22 832	3 708,158	14 477,144	3,904	3,441
68	92	18 662	2 949,875	10 768,986	3,651	3,188
69	93	14 872	2 287,881	7 819,111	3,418	2,955
70	94	11 516	1 724,173	5 531,230	3,208	2,745
71	95	8 668	1 262,993	3 807,057	3,014	2,551
72	96	6 317	895,848	2 544,064	2,840	2,377
73	97	4 395	606,511	1 648,216	2,718	2,255
74	98	2 992	401,880	1 041,705	2,592	2,129
75	99	1 991	260,305	639,825	2,458	1,995
76	100	1 276	162,324	379,520	2,338	1,875

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 403	99 403,183	2 884 231,373	29,015	28,553
1	26	99 030	96 379,796	2 784 828,190	28,894	28,431
2	27	98 984	93 756,713	2 688 448,394	28,675	28,212
3	28	98 947	91 213,532	2 594 691,681	28,446	27,984
4	29	98 913	88 741,707	2 503 478,149	28,211	27,748
5	30	98 877	86 335,077	2 414 736,442	27,969	27,507
6	31	98 836	83 989,322	2 328 401,364	27,723	27,260
7	32	98 796	81 708,337	2 244 412,043	27,469	27,006
8	33	98 754	79 487,402	2 162 703,706	27,208	26,745
9	34	98 710	77 325,513	2 083 216,304	26,941	26,478
10	35	98 662	75 219,401	2 005 890,791	26,667	26,204
11	36	98 613	73 170,261	1 930 671,389	26,386	25,923
12	37	98 560	71 173,774	1 857 501,128	26,098	25,635
13	38	98 507	69 231,234	1 786 327,354	25,802	25,340
14	39	98 438	67 331,227	1 717 096,120	25,502	25,039
15	40	98 365	65 480,898	1 649 764,893	25,195	24,732
16	41	98 282	63 674,488	1 584 283,995	24,881	24,418
17	42	98 185	61 909,106	1 520 609,507	24,562	24,099
18	43	98 080	60 187,804	1 458 700,401	24,236	23,773
19	44	97 954	58 501,322	1 398 512,597	23,906	23,443
20	45	97 820	56 857,713	1 340 011,275	23,568	23,105
21	46	97 665	55 248,345	1 283 153,561	23,225	22,762
22	47	97 506	53 682,450	1 227 905,216	22,873	22,411
23	48	97 328	52 150,432	1 174 222,766	22,516	22,053
24	49	97 134	50 653,019	1 122 072,335	22,152	21,689
25	50	96 918	49 187,799	1 071 419,315	21,782	21,319
26	51	96 696	47 761,697	1 022 231,516	21,403	20,940
27	52	96 444	46 362,520	974 469,819	21,018	20,556
28	53	96 175	44 995,616	928 107,300	20,627	20,164
29	54	95 881	43 657,734	883 111,683	20,228	19,765
30	55	95 555	42 344,440	839 453,949	19,824	19,362
31	56	95 191	41 054,325	797 109,509	19,416	18,953
32	57	94 792	39 788,108	756 055,184	19,002	18,539
33	58	94 360	38 546,810	716 267,076	18,582	18,119
34	59	93 881	37 324,645	677 720,266	18,157	17,695
35	60	93 367	36 126,905	640 395,620	17,726	17,263
36	61	92 800	34 946,443	604 268,716	17,291	16,828
37	62	92 193	33 788,689	569 322,272	16,849	16,387
38	63	91 538	32 650,618	535 533,583	16,402	15,939
39	64	90 823	31 528,601	502 882,966	15,950	15,487
40	65	90 044	30 421,546	471 354,365	15,494	15,031
41	66	89 216	29 335,006	440 932,820	15,031	14,568
42	67	88 316	28 261,981	411 597,814	14,564	14,101
43	68	87 353	27 205,510	383 335,833	14,090	13,628
44	69	86 305	26 159,937	356 130,322	13,614	13,151
45	70	85 155	25 120,367	329 970,385	13,136	12,673
46	71	83 917	24 092,747	304 850,018	12,653	12,190
47	72	82 587	23 076,254	280 757,271	12,167	11,704
48	73	81 171	22 073,556	257 681,017	11,674	11,211
49	74	79 626	21 074,004	235 607,460	11,180	10,717
50	75	77 973	20 084,163	214 533,457	10,682	10,219
51	76	76 219	19 106,995	194 449,293	10,177	9,714
52	77	74 300	18 127,227	175 342,299	9,673	9,210
53	78	72 231	17 150,938	157 215,072	9,167	8,704
54	79	69 919	16 157,495	140 064,133	8,669	8,206
55	80	67 362	15 150,089	123 906,638	8,179	7,716
56	81	64 522	14 123,002	108 756,549	7,701	7,238
57	82	61 362	13 071,781	94 633,548	7,240	6,777
58	83	57 904	12 005,058	81 561,767	6,794	6,331
59	84	54 175	10 931,258	69 556,709	6,363	5,900
60	85	50 192	9 856,560	58 625,451	5,948	5,485
61	86	45 915	8 775,384	48 768,891	5,557	5,095
62	87	41 459	7 711,594	39 993,507	5,186	4,723
63	88	36 870	6 674,425	32 281,914	4,837	4,374
64	89	32 235	5 679,283	25 607,488	4,509	4,046
65	90	27 660	4 742,826	19 928,205	4,202	3,739
66	91	23 217	3 874,472	15 185,379	3,919	3,457
67	92	19 004	3 086,543	11 310,907	3,665	3,202
68	93	15 163	2 396,768	8 224,364	3,431	2,969
69	94	11 764	1 809,773	5 827,596	3,220	2,757
70	95	8 866	1 327,328	4 017,824	3,027	2,564
71	96	6 477	943,737	2 690,495	2,851	2,388
72	97	4 513	639,947	1 746,758	2,730	2,267
73	98	3 080	425,153	1 106,811	2,603	2,141
74	99	2 055	276,044	681,658	2,469	2,007
75	100	1 320	172,591	405,614	2,350	1,887

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1	0	99 644	96 976,909	3 086 715,881	31,829	31,367
2	1	99 317	94 071,761	2 989 738,972	31,781	31,319
3	2	99 277	91 517,036	2 895 667,211	31,641	31,178
4	3	99 254	89 046,909	2 804 150,175	31,491	31,028
5	4	99 233	86 645,489	2 715 103,266	31,336	30,873
6	5	99 213	84 309,971	2 628 457,776	31,176	30,713
7	6	99 195	82 038,732	2 544 147,805	31,012	30,549
8	7	99 178	79 829,108	2 462 109,073	30,842	30,379
9	8	99 165	77 682,310	2 382 279,965	30,667	30,204
10	9	99 150	75 591,904	2 304 597,655	30,487	30,025
11	10	99 136	73 558,434	2 229 005,751	30,303	29,840
12	11	99 123	71 579,989	2 155 447,317	30,112	29,650
13	12	99 108	69 654,040	2 083 867,329	29,917	29,455
14	13	99 091	67 777,998	2 014 213,288	29,718	29,255
15	14	99 068	65 948,825	1 946 435,291	29,514	29,052
16	15	99 043	64 167,593	1 880 486,466	29,306	28,843
17	16	99 007	62 427,161	1 816 318,872	29,095	28,632
18	17	98 965	60 730,725	1 753 891,711	28,880	28,417
19	18	98 914	59 074,636	1 693 160,986	28,661	28,199
20	19	98 855	57 459,377	1 634 086,350	28,439	27,976
21	20	98 795	55 887,615	1 576 626,973	28,211	27,748
22	21	98 736	54 359,745	1 520 739,358	27,975	27,513
23	22	98 675	52 872,141	1 466 379,613	27,734	27,272
24	23	98 619	51 427,623	1 413 507,472	27,485	27,023
25	24	98 554	50 018,444	1 362 079,849	27,232	26,769
26	25	98 493	48 649,678	1 312 061,404	26,970	26,507
27	26	98 430	47 316,890	1 263 411,726	26,701	26,238
28	27	98 366	46 020,571	1 216 094,837	26,425	25,962
29	28	98 297	44 757,528	1 170 074,266	26,143	25,680
30	29	98 222	43 526,656	1 125 316,738	25,854	25,391
31	30	98 142	42 326,971	1 081 790,082	25,558	25,095
32	31	98 050	41 155,706	1 039 463,111	25,257	24,794
33	32	97 957	40 016,252	998 307,405	24,948	24,485
34	33	97 852	38 903,428	958 291,153	24,633	24,170
35	34	97 742	37 819,448	919 387,725	24,310	23,847
36	35	97 623	36 762,788	881 568,277	23,980	23,517
37	36	97 499	35 733,386	844 805,489	23,642	23,179
38	37	97 359	34 727,013	809 072,103	23,298	22,835
39	38	97 209	33 745,469	774 345,090	22,947	22,484
40	39	97 042	32 785,930	740 599,622	22,589	22,126
41	40	96 864	31 849,795	707 813,692	22,223	21,761
42	41	96 668	30 934,797	675 963,896	21,851	21,388
43	42	96 458	30 041,227	645 029,099	21,471	21,009
44	43	96 233	29 169,015	614 987,872	21,084	20,621
45	44	95 972	28 311,561	585 818,857	20,692	20,229
46	45	95 691	27 473,170	557 507,296	20,293	19,830
47	46	95 373	26 648,871	530 034,126	19,890	19,427
48	47	95 031	25 842,726	503 385,255	19,479	19,016
49	48	94 649	25 049,909	477 542,529	19,064	18,601
50	49	94 217	24 268,290	452 492,620	18,645	18,183
51	50	93 740	23 499,109	428 224,330	18,223	17,760
52	51	93 220	22 743,288	404 725,221	17,795	17,333
53	52	92 635	21 995,703	381 981,933	17,366	16,903
54	53	91 985	21 256,745	359 986,230	16,935	16,472
55	54	91 261	20 525,011	338 729,485	16,503	16,040
56	55	90 459	19 800,210	318 204,474	16,071	15,608
57	56	89 572	19 081,208	298 404,264	15,639	15,176
58	57	88 597	18 368,414	279 323,056	15,207	14,744
59	58	87 529	17 661,413	260 954,642	14,775	14,313
60	59	86 370	16 961,012	243 293,229	14,344	13,881
61	60	85 118	16 267,858	226 332,217	13,913	13,450
62	61	83 753	15 578,508	210 064,359	13,484	13,021
63	62	82 282	14 895,340	194 485,851	13,057	12,594
64	63	80 716	14 220,766	179 590,511	12,629	12,166
65	64	79 029	13 550,831	165 369,745	12,204	11,741
66	65	77 229	12 887,750	151 818,914	11,780	11,317
67	66	75 341	12 236,224	138 931,165	11,354	10,891
68	67	73 337	11 591,954	126 694,941	10,930	10,467
69	68	71 248	10 960,399	115 102,987	10,502	10,039
70	69	69 015	10 332,704	104 142,588	10,079	9,616
71	70	66 696	9 718,276	93 809,884	9,653	9,190
72	71	64 233	9 108,907	84 091,608	9,232	8,769
73	72	61 694	8 514,705	74 982,701	8,806	8,343
74	73	59 033	7 929,374	66 467,996	8,383	7,920
75	74	56 259	7 354,516	58 538,622	7,960	7,497
76	75	53 397	6 793,604	51 184,106	7,534	7,071
77	76	50 424	6 243,574	44 390,502	7,110	6,647
78	77	47 328	5 703,473	38 146,928	6,688	6,226
79	78	44 101	5 172,348	32 443,455	6,272	5,810
80	79	40 726	4 648,668	27 271,106	5,866	5,404
81	80	37 221	4 134,872	22 622,438	5,471	5,008
82	81	33 550	3 627,259	18 487,566	5,097	4,634
83	82	29 784	3 133,991	14 860,307	4,742	4,279
84	83	26 007	2 663,296	11 726,316	4,403	3,940
85	84	22 275	2 220,093	9 063,019	4,082	3,619
86	85	18 644	1 808,436	6 842,927	3,784	3,321
87	86	15 197	1 434,654	5 034,490	3,509	3,046
88	87	12 040	1 106,160	3 599,837	3,254	2,792
89	88	9 225	824,871	2 493,676	3,023	2,560
90	89	6 822	593,699	1 668,806	2,811	2,348
91	90	4 860	411,652	1 075,106	2,612	2,149
92	91	3 319	273,555	663,455	2,425	1,962
93	92	2 140	171,659	389,900	2,271	1,809
94	93	1 315	102,698	218,241	2,125	1,662
95	94	760	57,715	115,542	2,002	1,539
96	95	415	30,696	57,828	1,884	1,421
97	96	210	15,127	27,132	1,794	1,331
98	97	100	6,977	12,005	1,721	1,258
99	98	45	3,042	5,028	1,653	1,190
100	99	19	1,253	1,986	1,585	1,122

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2	0	99 616	94 355,331	2 994 794,934	31,740	31,277
3	1	99 301	91 539,733	2 900 439,603	31,685	31,222
4	2	99 266	89 057,972	2 808 899,870	31,540	31,077
5	3	99 243	86 654,426	2 719 841,897	31,387	30,924
6	4	99 223	84 318,039	2 633 187,472	31,229	30,766
7	5	99 204	82 046,041	2 548 869,432	31,066	30,604
8	6	99 187	79 836,171	2 466 823,392	30,899	30,436
9	7	99 170	77 685,919	2 386 987,221	30,726	30,263
10	8	99 157	75 597,172	2 309 301,303	30,547	30,085
11	9	99 142	73 562,934	2 233 704,130	30,365	29,902
12	10	99 129	71 584,176	2 160 141,197	30,176	29,713
13	11	99 116	69 659,427	2 088 557,021	29,982	29,520
14	12	99 099	67 783,320	2 018 897,594	29,785	29,322
15	13	99 078	65 955,039	1 951 114,274	29,582	29,120
16	14	99 052	64 173,511	1 885 159,235	29,376	28,913
17	15	99 019	62 434,758	1 820 985,724	29,166	28,703
18	16	98 980	60 739,669	1 758 550,966	28,952	28,489
19	17	98 927	59 082,681	1 697 811,298	28,736	28,273
20	18	98 874	57 470,699	1 638 728,617	28,514	28,051
21	19	98 812	55 897,386	1 581 257,918	28,289	27,826
22	20	98 755	54 369,797	1 525 360,532	28,055	27,592
23	21	98 692	52 880,861	1 470 990,735	27,817	27,354
24	22	98 635	51 435,997	1 418 109,874	27,570	27,108
25	23	98 572	50 027,447	1 366 673,877	27,318	26,856
26	24	98 511	48 658,433	1 316 646,429	27,059	26,596
27	25	98 448	47 325,892	1 267 987,996	26,793	26,330
28	26	98 384	46 029,234	1 220 662,104	26,519	26,056
29	27	98 318	44 767,161	1 174 632,870	26,239	25,776
30	28	98 245	43 536,915	1 129 865,709	25,952	25,489
31	29	98 167	42 337,927	1 086 328,794	25,659	25,196
32	30	98 081	41 168,762	1 043 990,867	25,359	24,896
33	31	97 988	40 028,821	1 002 822,105	25,053	24,590
34	32	97 886	38 916,762	962 793,284	24,740	24,277
35	33	97 777	37 833,080	923 876,522	24,420	23,957
36	34	97 663	36 777,720	886 043,442	24,092	23,629
37	35	97 540	35 748,119	849 265,722	23,757	23,294
38	36	97 404	34 742,942	813 517,603	23,415	22,953
39	37	97 255	33 761,494	778 774,661	23,067	22,604
40	38	97 101	32 805,720	745 013,167	22,710	22,247
41	39	96 922	31 868,953	712 207,447	22,348	21,885
42	40	96 735	30 956,024	680 338,494	21,978	21,515
43	41	96 529	30 063,482	649 382,470	21,600	21,138
44	42	96 309	29 192,186	619 318,988	21,215	20,752
45	43	96 060	28 337,293	590 126,802	20,825	20,362
46	44	95 784	27 499,861	561 789,509	20,429	19,966
47	45	95 483	26 679,613	534 289,648	20,026	19,563
48	46	95 147	25 874,228	507 610,035	19,618	19,156
49	47	94 779	25 084,282	481 735,807	19,205	18,742
50	48	94 368	24 307,036	456 651,525	18,787	18,324
51	49	93 904	23 540,259	432 344,489	18,366	17,903
52	50	93 393	22 785,514	408 804,230	17,941	17,479
53	51	92 834	22 042,934	386 018,715	17,512	17,049
54	52	92 200	21 306,453	363 975,781	17,083	16,620
55	53	91 496	20 577,848	342 669,329	16,652	16,190
56	54	90 721	19 857,572	322 091,480	16,220	15,757
57	55	89 863	19 143,337	302 233,908	15,788	15,325
58	56	88 915	18 434,353	283 090,572	15,357	14,894
59	57	87 874	17 730,991	264 656,218	14,926	14,463
60	58	86 747	17 035,105	246 925,227	14,495	14,032
61	59	85 521	16 344,783	229 890,122	14,065	13,602
62	60	84 197	15 661,136	213 545,340	13,635	13,173
63	61	82 753	14 980,517	197 884,204	13,209	12,747
64	62	81 214	14 308,541	182 903,687	12,783	12,320
65	63	79 566	13 642,905	168 595,146	12,358	11,895
66	64	77 810	12 984,781	154 952,241	11,933	11,471
67	65	75 946	12 334,536	141 967,460	11,510	11,047
68	66	73 985	11 694,422	129 632,924	11,085	10,622
69	67	71 930	11 065,322	117 938,503	10,658	10,196
70	68	69 745	10 441,986	106 873,180	10,235	9,772
71	69	67 476	9 831,879	96 431,194	9,808	9,345
72	70	65 053	9 225,132	86 599,314	9,387	8,925
73	71	62 551	8 632,993	77 374,182	8,963	8,500
74	72	59 921	8 048,603	68 741,189	8,541	8,078
75	73	57 198	7 477,263	60 692,586	8,117	7,654
76	74	54 367	6 917,026	53 215,323	7,693	7,231
77	75	51 412	6 366,001	46 298,297	7,273	6,810
78	76	48 372	5 829,185	39 932,296	6,850	6,388
79	77	45 176	5 298,432	34 103,111	6,436	5,974
80	78	41 876	4 779,866	28 804,679	6,026	5,563
81	79	38 428	4 268,980	24 024,812	5,628	5,165
82	80	34 819	3 764,519	19 755,832	5,248	4,785
83	81	31 112	3 273,692	15 991,314	4,885	4,422
84	82	27 358	2 801,638	12 717,621	4,539	4,077
85	83	23 615	2 353,567	9 915,983	4,213	3,750
86	84	19 944	1 934,494	7 562,416	3,909	3,446
87	85	16 450	1 552,865	5 627,922	3,624	3,161
88	86	13 190	1 211,806	4 075,057	3,363	2,900
89	87	10 249	916,467	2 863,251	3,124	2,661
90	88	7 702	670,243	1 946,784	2,905	2,442
91	89	5 584	472,901	1 276,541	2,699	2,237
92	90	3 893	320,877	803,641	2,505	2,042
93	91	2 571	206,231	482,764	2,341	1,878
94	92	1 619	126,398	276,534	2,188	1,725
95	93	960	72,962	150,136	2,058	1,595
96	94	539	39,874	77,174	1,935	1,473
97	95	281	20,244	37,300	1,843	1,380
98	96	139	9,767	17,057	1,746	1,284
99	97	64	4,340	7,290	1,680	1,217
100	98	27	1,824	2,950	1,617	1,154

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 601	91 815,670	2 905 119,839	31,641	31,178
4	1	99 291	89 080,059	2 813 304,169	31,582	31,119
5	2	99 255	86 665,192	2 724 224,110	31,434	30,971
6	3	99 233	84 326,736	2 637 558,918	31,278	30,815
7	4	99 214	82 053,892	2 553 232,183	31,117	30,654
8	5	99 196	79 843,283	2 471 178,291	30,950	30,488
9	6	99 178	77 692,791	2 391 335,008	30,779	30,317
10	7	99 162	75 600,684	2 313 642,216	30,603	30,141
11	8	99 149	73 568,060	2 238 041,532	30,421	29,959
12	9	99 135	71 588,555	2 164 473,472	30,235	29,772
13	10	99 122	69 663,502	2 092 884,916	30,043	29,580
14	11	99 106	67 788,562	2 023 221,415	29,846	29,383
15	12	99 085	65 960,218	1 955 432,853	29,646	29,183
16	13	99 062	64 179,557	1 889 472,634	29,440	28,978
17	14	99 028	62 440,515	1 825 293,077	29,233	28,770
18	15	98 992	60 747,060	1 762 852,562	29,020	28,557
19	16	98 942	59 091,382	1 702 105,502	28,805	28,342
20	17	98 888	57 478,526	1 643 014,121	28,585	28,122
21	18	98 832	55 908,401	1 585 535,595	28,360	27,897
22	19	98 772	54 379,302	1 529 627,194	28,129	27,666
23	20	98 710	52 890,639	1 475 247,892	27,892	27,430
24	21	98 651	51 444,481	1 422 357,253	27,648	27,186
25	22	98 588	50 035,594	1 370 912,773	27,399	26,936
26	23	98 529	48 667,192	1 320 877,179	27,141	26,678
27	24	98 466	47 334,410	1 272 209,987	26,877	26,414
28	25	98 403	46 037,991	1 224 875,577	26,606	26,143
29	26	98 336	44 775,587	1 178 837,586	26,328	25,865
30	27	98 267	43 546,285	1 134 061,999	26,043	25,580
31	28	98 190	42 347,906	1 090 515,714	25,751	25,289
32	29	98 107	41 179,418	1 048 167,808	25,454	24,991
33	30	98 019	40 041,519	1 006 988,390	25,149	24,686
34	31	97 916	38 928,986	966 946,870	24,839	24,376
35	32	97 810	37 846,048	928 017,885	24,521	24,058
36	33	97 698	36 790,977	890 171,837	24,195	23,733
37	34	97 579	35 762,638	853 380,860	23,862	23,400
38	35	97 444	34 757,267	817 618,222	23,524	23,061
39	36	97 300	33 776,981	782 860,956	23,177	22,715
40	37	97 147	32 821,299	749 083,975	22,823	22,360
41	38	96 981	31 888,190	716 262,675	22,462	21,999
42	39	96 793	30 974,644	684 374,486	22,095	21,632
43	40	96 595	30 084,110	653 399,842	21,719	21,256
44	41	96 380	29 213,812	623 315,731	21,336	20,874
45	42	96 136	28 359,804	594 101,919	20,949	20,486
46	43	95 871	27 524,855	565 742,115	20,554	20,091
47	44	95 576	26 705,532	538 217,260	20,154	19,691
48	45	95 257	25 904,076	511 511,728	19,746	19,284
49	46	94 894	25 114,860	485 607,652	19,335	18,873
50	47	94 497	24 340,390	460 492,792	18,919	18,456
51	48	94 054	23 577,844	436 152,402	18,498	18,036
52	49	93 556	22 825,415	412 574,559	18,075	17,612
53	50	93 006	22 083,860	389 749,144	17,649	17,186
54	51	92 398	21 352,204	367 665,284	17,219	16,756
55	52	91 710	20 625,968	346 313,080	16,790	16,327
56	53	90 955	19 908,691	325 687,112	16,359	15,896
57	54	90 124	19 198,796	305 778,421	15,927	15,464
58	55	89 204	18 494,376	286 579,625	15,496	15,033
59	56	88 190	17 794,642	268 085,249	15,066	14,603
60	57	87 089	17 102,216	250 290,607	14,635	14,172
61	58	85 894	16 416,183	233 188,391	14,205	13,742
62	59	84 595	15 735,191	216 772,208	13,776	13,313
63	60	83 192	15 059,973	201 037,017	13,349	12,886
64	61	81 679	14 390,363	185 977,044	12,924	12,461
65	62	80 057	13 727,114	171 586,681	12,500	12,037
66	63	78 339	13 073,009	157 859,567	12,075	11,612
67	64	76 518	12 427,402	144 786,558	11,651	11,188
68	65	74 579	11 788,380	132 359,157	11,228	10,765
69	66	72 566	11 163,135	120 570,776	10,801	10,338
70	67	70 412	10 541,947	109 407,641	10,378	9,915
71	68	68 189	9 935,865	98 865,694	9,950	9,488
72	69	65 813	9 332,971	88 929,829	9,529	9,066
73	70	63 349	8 743,146	79 596,858	9,104	8,641
74	71	60 753	8 160,415	70 853,712	8,683	8,220
75	72	58 058	7 589,694	62 693,297	8,260	7,797
76	73	55 275	7 032,472	55 103,603	7,836	7,373
77	74	52 346	6 481,655	48 071,131	7,416	6,954
78	75	49 320	5 943,486	41 589,476	6,997	6,535
79	76	46 172	5 415,217	35 645,990	6,583	6,120
80	77	42 896	4 896,383	30 230,773	6,174	5,711
81	78	39 513	4 389,462	25 334,390	5,772	5,309
82	79	35 949	3 886,615	20 944,928	5,389	4,926
83	80	32 289	3 397,573	17 058,314	5,021	4,558
84	81	28 578	2 926,525	13 660,741	4,668	4,205
85	82	24 841	2 475,820	10 734,216	4,336	3,873
86	83	21 143	2 050,798	8 258,396	4,027	3,564
87	84	17 596	1 661,108	6 207,598	3,737	3,274
88	85	14 276	1 311,655	4 546,490	3,466	3,003
89	86	11 228	1 003,996	3 234,835	3,222	2,759
90	87	8 557	744,669	2 230,840	2,996	2,533
91	88	6 304	533,870	1 486,171	2,784	2,321
92	89	4 472	368,619	952,301	2,583	2,121
93	90	3 015	241,906	583,682	2,413	1,950
94	91	1 945	151,854	341,776	2,251	1,788
95	92	1 182	89,799	189,922	2,115	1,652
96	93	682	50,407	100,123	1,986	1,523
97	94	365	26,296	49,715	1,891	1,428
98	95	187	13,071	23,419	1,792	1,329
99	96	89	6,075	10,348	1,703	1,241
100	97	39	2,603	4,273	1,642	1,179

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4	0	99 590	89 348,582	2 817 631,278	31,535	31,072
5	1	99 280	86 686,685	2 728 282,696	31,473	31,010
6	2	99 245	84 337,212	2 641 596,011	31,322	30,859
7	3	99 224	82 062,355	2 557 258,798	31,162	30,700
8	4	99 205	79 850,924	2 475 196,443	30,998	30,535
9	5	99 187	77 699,713	2 395 345,520	30,828	30,365
10	6	99 170	75 607,372	2 317 645,807	30,654	30,191
11	7	99 154	73 571,478	2 242 038,434	30,474	30,011
12	8	99 142	71 593,544	2 168 466,956	30,289	29,826
13	9	99 128	69 667,763	2 096 873,412	30,098	29,635
14	10	99 112	67 792,528	2 027 205,649	29,903	29,440
15	11	99 093	65 965,319	1 959 413,121	29,704	29,241
16	12	99 070	64 184,597	1 893 447,802	29,500	29,037
17	13	99 037	62 446,399	1 829 263,204	29,293	28,831
18	14	99 001	60 752,661	1 766 816,806	29,082	28,619
19	15	98 954	59 098,572	1 706 064,144	28,868	28,405
20	16	98 902	57 486,991	1 646 965,572	28,649	28,187
21	17	98 845	55 916,014	1 589 478,582	28,426	27,963
22	18	98 791	54 390,018	1 533 562,568	28,196	27,733
23	19	98 727	52 899,885	1 479 172,550	27,962	27,499
24	20	98 670	51 453,993	1 426 272,664	27,719	27,257
25	21	98 604	50 043,846	1 374 818,671	27,472	27,009
26	22	98 545	48 675,117	1 324 774,825	27,217	26,754
27	23	98 484	47 342,930	1 276 099,709	26,954	26,492
28	24	98 421	46 046,277	1 228 756,779	26,685	26,222
29	25	98 355	44 784,106	1 182 710,503	26,409	25,946
30	26	98 285	43 554,482	1 137 926,396	26,127	25,664
31	27	98 211	42 357,021	1 094 371,914	25,837	25,374
32	28	98 130	41 189,124	1 052 014,894	25,541	25,078
33	29	98 045	40 051,883	1 010 825,770	25,238	24,775
34	30	97 947	38 941,335	970 773,886	24,929	24,466
35	31	97 841	37 857,935	931 832,551	24,614	24,151
36	32	97 732	36 803,587	893 974,616	24,290	23,828
37	33	97 614	35 775,529	857 171,029	23,960	23,497
38	34	97 484	34 771,384	821 395,500	23,623	23,160
39	35	97 340	33 790,907	786 624,116	23,279	22,816
40	36	97 191	32 836,355	752 833,209	22,927	22,464
41	37	97 027	31 903,333	719 996,855	22,568	22,105
42	38	96 851	30 993,341	688 093,522	22,201	21,739
43	39	96 653	30 102,206	657 100,181	21,829	21,366
44	40	96 447	29 233,858	626 997,975	21,448	20,985
45	41	96 207	28 380,813	597 764,117	21,062	20,599
46	42	95 948	27 546,721	569 383,304	20,670	20,207
47	43	95 663	26 729,805	541 836,583	20,271	19,808
48	44	95 349	25 929,242	515 106,778	19,866	19,403
49	45	95 004	25 143,832	489 177,536	19,455	18,992
50	46	94 612	24 370,061	464 033,705	19,041	18,578
51	47	94 183	23 610,197	439 663,644	18,622	18,159
52	48	93 706	22 861,858	416 053,447	18,199	17,736
53	49	93 169	22 122,531	393 191,589	17,773	17,311
54	50	92 569	21 391,847	371 069,058	17,346	16,883
55	51	91 907	20 670,258	349 677,211	16,917	16,454
56	52	91 167	19 955,246	329 006,953	16,487	16,024
57	53	90 356	19 248,219	309 051,707	16,056	15,593
58	54	89 463	18 547,955	289 803,488	15,625	15,162
59	55	88 477	17 852,582	271 255,532	15,194	14,731
60	56	87 401	17 163,610	253 402,951	14,764	14,301
61	57	86 233	16 480,856	236 239,341	14,334	13,871
62	58	84 965	15 803,929	219 758,485	13,905	13,442
63	59	83 585	15 131,186	203 954,556	13,479	13,016
64	60	82 112	14 466,689	188 823,370	13,052	12,589
65	61	80 515	13 805,611	174 356,681	12,629	12,167
66	62	78 822	13 153,700	160 551,071	12,206	11,743
67	63	77 038	12 511,843	147 397,371	11,781	11,318
68	64	75 141	11 877,134	134 885,528	11,357	10,894
69	65	73 149	11 252,825	123 008,394	10,931	10,469
70	66	71 035	10 635,134	111 755,569	10,508	10,045
71	67	68 842	10 030,981	101 120,435	10,081	9,618
72	68	66 509	9 431,680	91 089,455	9,658	9,195
73	69	64 090	8 845,350	81 657,775	9,232	8,769
74	70	61 528	8 264,538	72 812,424	8,810	8,347
75	71	58 864	7 695,131	64 547,886	8,388	7,925
76	72	56 106	7 138,214	56 852,755	7,965	7,502
77	73	53 220	6 589,834	49 714,541	7,544	7,081
78	74	50 216	6 051,464	43 124,706	7,126	6,664
79	75	47 078	5 521,401	37 073,242	6,714	6,252
80	76	43 842	5 004,305	31 551,842	6,305	5,842
81	77	40 476	4 496,462	26 547,536	5,904	5,441
82	78	36 963	3 996,305	22 051,074	5,518	5,055
83	79	33 337	3 507,768	18 054,769	5,147	4,684
84	80	29 659	3 037,268	14 547,001	4,790	4,327
85	81	25 949	2 586,183	11 509,733	4,450	3,988
86	82	22 241	2 157,324	8 923,551	4,136	3,674
87	83	18 654	1 760,976	6 766,227	3,842	3,379
88	84	15 272	1 403,084	5 005,251	3,567	3,104
89	85	12 154	1 086,722	3 602,167	3,315	2,852
90	86	9 374	815,789	2 515,445	3,083	2,621
91	87	7 003	593,153	1 699,655	2,865	2,403
92	88	5 049	416,144	1 106,503	2,659	2,196
93	89	3 464	277,899	690,359	2,484	2,021
94	90	2 281	178,123	412,460	2,316	1,853
95	91	1 420	107,884	234,337	2,172	1,709
96	92	839	62,040	126,453	2,038	1,575
97	93	462	33,243	64,413	1,938	1,475
98	94	242	16,978	31,170	1,836	1,373
99	95	119	8,130	14,191	1,745	1,283
100	96	55	3,643	6,061	1,664	1,201

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5	0	99 579	86 947,994	2 732 279,278	31,424	30,961
6	1	99 270	84 358,128	2 645 331,285	31,358	30,896
7	2	99 236	82 072,550	2 560 973,157	31,204	30,741
8	3	99 215	79 859,159	2 478 900,606	31,041	30,578
9	4	99 197	77 707,148	2 399 041,447	30,873	30,410
10	5	99 179	75 614,108	2 321 334,299	30,700	30,237
11	6	99 163	73 577,987	2 245 720,190	30,522	30,059
12	7	99 146	71 596,870	2 172 142,204	30,339	29,876
13	8	99 135	69 672,619	2 100 545,333	30,149	29,686
14	9	99 118	67 796,675	2 030 872,715	29,955	29,493
15	10	99 099	65 969,178	1 963 076,040	29,757	29,295
16	11	99 077	64 189,561	1 897 106,862	29,555	29,092
17	12	99 045	62 451,302	1 832 917,301	29,350	28,887
18	13	99 010	60 758,386	1 770 465,998	29,139	28,677
19	14	98 963	59 104,022	1 709 707,613	28,927	28,464
20	15	98 914	57 493,986	1 650 603,591	28,709	28,246
21	16	98 860	55 924,249	1 593 109,605	28,487	28,024
22	17	98 805	54 397,425	1 537 185,356	28,258	27,796
23	18	98 747	52 910,310	1 482 787,931	28,025	27,562
24	19	98 687	51 462,988	1 429 877,622	27,785	27,322
25	20	98 623	50 053,100	1 378 414,633	27,539	27,076
26	21	98 561	48 683,144	1 328 361,534	27,286	26,823
27	22	98 500	47 350,639	1 279 678,390	27,026	26,563
28	23	98 438	46 054,565	1 232 327,751	26,758	26,295
29	24	98 373	44 792,166	1 186 273,186	26,484	26,021
30	25	98 304	43 562,769	1 141 481,020	26,203	25,740
31	26	98 230	42 364,993	1 097 918,251	25,916	25,453
32	27	98 151	41 197,989	1 055 553,258	25,621	25,159
33	28	98 068	40 061,324	1 014 355,269	25,320	24,857
34	29	97 973	38 951,414	974 293,945	25,013	24,550
35	30	97 872	37 869,945	935 342,531	24,699	24,236
36	31	97 763	36 815,147	897 472,586	24,378	23,915
37	32	97 648	35 787,791	860 657,439	24,049	23,586
38	33	97 519	34 783,917	824 869,648	23,714	23,251
39	34	97 380	33 804,632	790 085,731	23,372	22,909
40	35	97 232	32 849,893	756 281,099	23,022	22,560
41	36	97 071	31 917,967	723 431,206	22,665	22,203
42	37	96 897	31 008,059	691 513,238	22,301	21,838
43	38	96 712	30 120,376	660 505,179	21,929	21,466
44	39	96 505	29 251,442	630 384,803	21,551	21,088
45	40	96 273	28 400,287	601 133,361	21,166	20,704
46	41	96 019	27 567,128	572 733,074	20,776	20,313
47	42	95 739	26 751,039	545 165,946	20,379	19,916
48	43	95 436	25 952,809	518 414,907	19,975	19,512
49	44	95 096	25 168,259	492 462,099	19,567	19,104
50	45	94 722	24 398,173	467 293,839	19,153	18,690
51	46	94 298	23 638,978	442 895,666	18,736	18,273
52	47	93 834	22 893,228	419 256,689	18,314	17,851
53	48	93 318	22 157,852	396 363,460	17,888	17,425
54	49	92 731	21 429,307	374 205,608	17,462	17,000
55	50	92 077	20 708,635	352 776,301	17,035	16,572
56	51	91 363	19 998,096	332 067,666	16,605	16,142
57	52	90 567	19 293,230	312 069,570	16,175	15,712
58	53	89 693	18 595,703	292 776,340	15,744	15,281
59	54	88 733	17 904,302	274 180,637	15,314	14,851
60	55	87 686	17 219,495	256 276,335	14,883	14,420
61	56	86 542	16 540,019	239 056,841	14,453	13,990
62	57	85 299	15 866,190	222 516,821	14,025	13,562
63	58	83 950	15 197,285	206 650,631	13,598	13,135
64	59	82 500	14 535,096	191 453,346	13,172	12,709
65	60	80 942	13 878,835	176 918,251	12,747	12,285
66	61	79 273	13 228,918	163 039,416	12,324	11,862
67	62	77 513	12 589,070	149 810,498	11,900	11,437
68	63	75 651	11 957,836	137 221,428	11,475	11,013
69	64	73 700	11 337,547	125 263,592	11,049	10,586
70	65	71 606	10 720,581	113 926,045	10,627	10,164
71	66	69 451	10 119,650	103 205,464	10,199	9,736
72	67	67 146	9 521,969	93 085,813	9,776	9,313
73	68	64 768	8 938,902	83 563,844	9,348	8,886
74	69	62 247	8 361,148	74 624,942	8,925	8,462
75	70	59 616	7 793,317	66 263,794	8,503	8,040
76	71	56 885	7 237,379	58 470,477	8,079	7,616
77	72	54 020	6 688,921	51 233,097	7,659	7,197
78	73	51 054	6 152,463	44 544,176	7,240	6,777
79	74	47 933	5 621,710	38 391,712	6,829	6,366
80	75	44 702	5 102,432	32 770,003	6,422	5,960
81	76	41 368	4 595,570	27 667,570	6,020	5,558
82	77	37 864	4 093,721	23 072,000	5,636	5,173
83	78	34 278	3 606,766	18 978,279	5,262	4,799
84	79	30 621	3 135,777	15 371,513	4,902	4,439
85	80	26 931	2 684,047	12 235,736	4,559	4,096
86	81	23 232	2 253,489	9 551,689	4,239	3,776
87	82	19 623	1 852,448	7 298,200	3,940	3,477
88	83	16 190	1 487,439	5 445,752	3,661	3,198
89	84	13 001	1 162,472	3 958,313	3,405	2,942
90	85	10 147	883,008	2 795,841	3,166	2,703
91	86	7 672	649,802	1 912,833	2,944	2,481
92	87	5 609	462,354	1 263,030	2,732	2,269
93	88	3 911	313,727	800,676	2,552	2,089
94	89	2 621	204,626	486,949	2,380	1,917
95	90	1 665	126,547	282,324	2,231	1,768
96	91	1 008	74,535	155,777	2,090	1,627
97	92	568	40,915	81,242	1,986	1,523
98	93	306	21,464	40,327	1,879	1,416
99	94	155	10,561	18,864	1,786	1,323
100	95	73	4,876	8,302	1,703	1,240

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	84 612,418	2 649 019,676	31,308	30,845
7	1	99 261	82 092,904	2 564 407,258	31,238	30,775
8	2	99 228	79 869,081	2 482 314,354	31,080	30,617
9	3	99 207	77 715,163	2 402 445,273	30,913	30,451
10	4	99 189	75 621,344	2 324 730,110	30,742	30,279
11	5	99 171	73 584,542	2 249 108,766	30,565	30,102
12	6	99 155	71 603,204	2 175 524,224	30,383	29,920
13	7	99 139	69 675,855	2 103 921,020	30,196	29,733
14	8	99 125	67 801,400	2 034 245,164	30,003	29,540
15	9	99 105	65 973,214	1 966 443,765	29,807	29,344
16	10	99 083	64 193,316	1 900 470,551	29,605	29,143
17	11	99 053	62 456,132	1 836 277,235	29,401	28,938
18	12	99 018	60 763,157	1 773 821,103	29,192	28,730
19	13	98 972	59 109,591	1 713 057,946	28,981	28,518
20	14	98 923	57 499,288	1 653 948,355	28,765	28,302
21	15	98 872	55 931,054	1 596 449,068	28,543	28,080
22	16	98 819	54 405,436	1 540 518,014	28,316	27,853
23	17	98 760	52 917,515	1 486 112,578	28,084	27,621
24	18	98 706	51 473,130	1 433 195,063	27,844	27,381
25	19	98 640	50 061,850	1 381 721,934	27,600	27,137
26	20	98 579	48 692,146	1 331 660,084	27,349	26,886
27	21	98 516	47 358,448	1 282 967,937	27,091	26,628
28	22	98 454	46 062,064	1 235 609,489	26,825	26,362
29	23	98 391	44 800,229	1 189 547,425	26,552	26,089
30	24	98 322	43 570,609	1 144 747,197	26,273	25,811
31	25	98 249	42 373,054	1 101 176,588	25,988	25,525
32	26	98 169	41 205,744	1 058 803,534	25,696	25,233
33	27	98 089	40 069,946	1 017 597,790	25,396	24,933
34	28	97 996	38 960,595	977 527,844	25,090	24,627
35	29	97 897	37 879,747	938 567,249	24,778	24,315
36	30	97 794	36 826,826	900 687,502	24,457	23,995
37	31	97 679	35 799,032	863 860,676	24,131	23,668
38	32	97 552	34 795,840	828 061,644	23,798	23,335
39	33	97 415	33 816,817	793 265,805	23,458	22,995
40	34	97 271	32 863,235	759 448,988	23,109	22,647
41	35	97 111	31 931,127	726 585,753	22,755	22,292
42	36	96 942	31 022,283	694 654,625	22,392	21,929
43	37	96 758	30 134,680	663 632,343	22,022	21,559
44	38	96 563	29 269,098	633 497,662	21,644	21,181
45	39	96 331	28 417,370	604 228,564	21,263	20,800
46	40	96 085	27 586,043	575 811,194	20,873	20,410
47	41	95 809	26 770,856	548 225,150	20,478	20,016
48	42	95 512	25 973,425	521 454,294	20,076	19,614
49	43	95 183	25 191,135	495 480,869	19,669	19,206
50	44	94 814	24 421,876	470 289,734	19,257	18,794
51	45	94 407	23 666,247	445 867,858	18,840	18,377
52	46	93 949	22 921,135	422 201,611	18,420	17,957
53	47	93 446	22 188,257	399 280,476	17,995	17,532
54	48	92 879	21 463,521	377 092,219	17,569	17,106
55	49	92 238	20 744,899	355 628,698	17,143	16,680
56	50	91 533	20 035,225	334 883,799	16,715	16,252
57	51	90 761	19 334,658	314 848,574	16,284	15,821
58	52	89 903	18 639,188	295 513,916	15,854	15,392
59	53	88 961	17 950,392	276 874,728	15,424	14,962
60	54	87 940	17 269,381	258 924,336	14,993	14,530
61	55	86 824	16 593,874	241 654,955	14,563	14,100
62	56	85 606	15 923,146	225 061,081	14,134	13,671
63	57	84 281	15 257,156	209 137,935	13,708	13,245
64	58	82 861	14 598,591	193 880,779	13,281	12,818
65	59	81 324	13 944,463	179 282,188	12,857	12,394
66	60	79 693	13 299,083	165 337,725	12,432	11,969
67	61	77 957	12 661,059	152 038,642	12,008	11,546
68	62	76 118	12 031,644	139 377,583	11,584	11,121
69	63	74 200	11 414,583	127 345,939	11,156	10,694
70	64	72 145	10 801,296	115 931,357	10,733	10,270
71	65	70 009	10 200,956	105 130,061	10,306	9,843
72	66	67 739	9 606,139	94 929,104	9,882	9,419
73	67	65 388	9 024,474	85 322,965	9,455	8,992
74	68	62 906	8 449,579	76 298,491	9,030	8,567
75	69	60 312	7 884,419	67 848,912	8,605	8,143
76	70	57 611	7 329,725	59 964,494	8,181	7,718
77	71	54 771	6 781,845	52 634,769	7,761	7,298
78	72	51 822	6 244,974	45 852,924	7,342	6,880
79	73	48 733	5 715,537	39 607,950	6,930	6,467
80	74	45 514	5 195,130	33 892,413	6,524	6,061
81	75	42 179	4 685,682	28 697,283	6,124	5,662
82	76	38 699	4 183,952	24 011,601	5,739	5,276
83	77	35 113	3 694,687	19 827,649	5,367	4,904
84	78	31 485	3 224,277	16 132,962	5,004	4,541
85	79	27 804	2 771,100	12 908,685	4,658	4,196
86	80	24 111	2 338,764	10 137,586	4,335	3,872
87	81	20 498	1 935,023	7 798,822	4,030	3,568
88	82	17 031	1 564,702	5 863,799	3,748	3,285
89	83	13 782	1 232,361	4 299,097	3,489	3,026
90	84	10 854	944,558	3 066,735	3,247	2,784
91	85	8 305	703,344	2 122,177	3,017	2,554
92	86	6 145	506,512	1 418,833	2,801	2,338
93	87	4 345	348,564	912,321	2,617	2,155
94	88	2 959	231,007	563,757	2,440	1,978
95	89	1 913	145,376	332,750	2,289	1,826
96	90	1 182	87,428	187,374	2,143	1,680
97	91	683	49,155	99,946	2,033	1,570
98	92	377	26,417	50,791	1,923	1,460
99	93	196	13,351	24,374	1,826	1,363
100	94	95	6,334	11,022	1,740	1,277

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 560	82 340,366	2 567 809,271	31,185	30,722
8	1	99 252	79 888,889	2 485 468,906	31,112	30,649
9	2	99 219	77 724,818	2 405 580,017	30,950	30,487
10	3	99 199	75 629,143	2 327 855,198	30,780	30,317
11	4	99 181	73 591,584	2 252 226,055	30,604	30,142
12	5	99 164	71 609,583	2 178 634,471	30,424	29,961
13	6	99 148	69 682,019	2 107 024,888	30,238	29,775
14	7	99 130	67 804,550	2 037 342,869	30,047	29,584
15	8	99 112	65 977,812	1 969 538,319	29,852	29,389
16	9	99 089	64 197,243	1 903 560,508	29,652	29,189
17	10	99 058	62 459,786	1 839 363,265	29,449	28,986
18	11	99 025	60 767,856	1 776 903,479	29,241	28,778
19	12	98 980	59 114,233	1 716 135,623	29,031	28,568
20	13	98 933	57 504,705	1 657 021,391	28,815	28,353
21	14	98 881	55 936,212	1 599 516,685	28,595	28,133
22	15	98 832	54 412,056	1 543 580,474	28,368	27,906
23	16	98 775	52 925,308	1 489 168,418	28,137	27,674
24	17	98 720	51 480,139	1 436 243,110	27,899	27,436
25	18	98 659	50 071,715	1 384 762,971	27,656	27,193
26	19	98 597	48 700,659	1 334 691,256	27,406	26,943
27	20	98 534	47 367,205	1 285 990,597	27,149	26,687
28	21	98 471	46 069,661	1 238 623,392	26,886	26,423
29	22	98 407	44 807,524	1 192 553,731	26,615	26,152
30	23	98 339	43 578,451	1 147 746,207	26,337	25,875
31	24	98 266	42 380,680	1 104 167,756	26,054	25,591
32	25	98 188	41 213,584	1 061 787,076	25,763	25,300
33	26	98 107	40 077,488	1 020 573,492	25,465	25,002
34	27	98 017	38 968,981	980 496,004	25,161	24,698
35	28	97 920	37 888,675	941 527,023	24,850	24,387
36	29	97 819	36 836,358	903 638,348	24,531	24,068
37	30	97 709	35 810,389	866 801,991	24,205	23,742
38	31	97 583	34 806,769	830 991,602	23,874	23,412
39	32	97 448	33 828,408	796 184,833	23,536	23,073
40	33	97 306	32 875,081	762 356,426	23,189	22,727
41	34	97 151	31 944,096	729 481,344	22,836	22,373
42	35	96 982	31 035,073	697 537,248	22,476	22,013
43	36	96 802	30 148,503	666 502,175	22,107	21,644
44	37	96 609	29 282,998	636 353,671	21,731	21,268
45	38	96 389	28 434,523	607 070,673	21,350	20,887
46	39	96 142	27 602,637	578 636,150	20,963	20,500
47	40	95 875	26 789,225	551 033,513	20,569	20,106
48	41	95 583	25 992,667	524 244,288	20,169	19,706
49	42	95 258	25 211,146	498 251,621	19,763	19,300
50	43	94 900	24 444,073	473 040,475	19,352	18,889
51	44	94 498	23 689,239	448 596,402	18,937	18,474
52	45	94 057	22 947,576	424 907,163	18,516	18,054
53	46	93 560	22 215,304	401 959,587	18,094	17,631
54	47	93 007	21 492,973	379 744,283	17,668	17,205
55	48	92 386	20 778,020	358 251,309	17,242	16,779
56	49	91 693	20 070,310	337 473,289	16,815	16,352
57	50	90 930	19 370,555	317 402,980	16,386	15,923
58	51	90 096	18 679,212	298 032,425	15,955	15,492
59	52	89 169	17 992,368	279 353,213	15,526	15,063
60	53	88 166	17 313,837	261 360,845	15,095	14,633
61	54	87 075	16 641,948	244 047,008	14,665	14,202
62	55	85 884	15 974,992	227 405,061	14,235	13,772
63	56	84 583	15 311,926	211 430,068	13,808	13,345
64	57	83 187	14 656,104	196 118,142	13,381	12,919
65	58	81 680	14 005,378	181 462,038	12,957	12,494
66	59	80 070	13 361,969	167 456,661	12,532	12,070
67	60	78 370	12 728,213	154 094,692	12,107	11,644
68	61	76 554	12 100,446	141 366,479	11,683	11,220
69	62	74 658	11 485,037	129 266,033	11,255	10,792
70	63	72 635	10 874,688	117 780,996	10,831	10,368
71	64	70 536	10 277,759	106 906,308	10,402	9,939
72	65	68 284	9 683,320	96 628,550	9,979	9,516
73	66	65 966	9 104,246	86 945,230	9,550	9,087
74	67	63 508	8 530,466	77 840,984	9,125	8,662
75	68	60 950	7 967,807	69 310,517	8,699	8,236
76	69	58 285	7 415,407	61 342,710	8,272	7,810
77	70	55 470	6 868,378	53 927,303	7,852	7,389
78	71	52 542	6 331,730	47 058,925	7,432	6,969
79	72	49 466	5 801,478	40 727,195	7,020	6,557
80	73	46 273	5 281,837	34 925,717	6,612	6,150
81	74	42 946	4 770,809	29 643,880	6,214	5,751
82	75	39 458	4 265,993	24 873,071	5,831	5,368
83	76	35 887	3 776,122	20 607,078	5,457	4,994
84	77	32 253	3 302,873	16 830,956	5,096	4,633
85	78	28 589	2 849,307	13 528,082	4,748	4,285
86	79	24 893	2 414,618	10 678,775	4,423	3,960
87	80	21 273	2 008,246	8 264,157	4,115	3,652
88	81	17 790	1 634,451	6 255,911	3,828	3,365
89	82	14 498	1 296,375	4 621,460	3,565	3,102
90	83	11 507	1 001,346	3 325,085	3,321	2,858
91	84	8 883	752,371	2 323,739	3,089	2,626
92	85	6 651	548,247	1 571,368	2,866	2,403
93	86	4 760	381,854	1 023,121	2,679	2,217
94	87	3 287	256,659	641,266	2,499	2,036
95	88	2 160	164,119	384,607	2,343	1,881
96	89	1 358	100,436	220,489	2,195	1,732
97	90	801	57,658	120,052	2,082	1,619
98	91	453	31,737	62,394	1,966	1,503
99	92	241	16,432	30,657	1,866	1,403
100	93	121	8,007	14,225	1,777	1,314

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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7						
8	0	99 552	80 129,706	2 488 605,598	31,057	30,594
9	1	99 244	77 744,094	2 408 475,892	30,980	30,517
10	2	99 211	75 638,540	2 330 731,798	30,814	30,351
11	3	99 191	73 599,174	2 255 093,258	30,640	30,177
12	4	99 173	71 616,436	2 181 494,084	30,461	29,998
13	5	99 157	69 688,227	2 109 877,648	30,276	29,813
14	6	99 139	67 810,548	2 040 189,421	30,087	29,624
15	7	99 116	65 980,877	1 972 378,873	29,893	29,430
16	8	99 096	64 201,717	1 906 397,996	29,694	29,231
17	9	99 065	62 463,607	1 842 196,280	29,492	29,029
18	10	99 031	60 771,411	1 779 732,673	29,286	28,823
19	11	98 988	59 118,804	1 718 961,262	29,076	28,614
20	12	98 940	57 509,221	1 659 842,458	28,862	28,399
21	13	98 890	55 941,482	1 602 333,237	28,643	28,180
22	14	98 841	54 417,073	1 546 391,755	28,417	27,955
23	15	98 787	52 931,748	1 491 974,681	28,187	27,724
24	16	98 734	51 487,721	1 439 042,933	27,949	27,486
25	17	98 673	50 078,534	1 387 555,213	27,708	27,245
26	18	98 616	48 710,256	1 337 476,679	27,458	26,995
27	19	98 551	47 375,486	1 288 766,423	27,203	26,740
28	20	98 489	46 078,180	1 241 390,937	26,941	26,478
29	21	98 423	44 814,914	1 195 312,758	26,672	26,209
30	22	98 355	43 585,547	1 150 497,844	26,396	25,933
31	23	98 284	42 388,308	1 106 912,297	26,114	25,651
32	24	98 206	41 221,001	1 064 523,989	25,825	25,362
33	25	98 126	40 085,114	1 023 302,988	25,528	25,065
34	26	98 035	38 976,316	983 217,874	25,226	24,763
35	27	97 942	37 896,830	944 241,558	24,916	24,453
36	28	97 842	36 845,040	906 344,728	24,599	24,136
37	29	97 735	35 819,658	869 499,688	24,274	23,812
38	30	97 614	34 817,811	833 680,031	23,944	23,481
39	31	97 479	33 839,033	798 862,220	23,608	23,145
40	32	97 339	32 886,349	765 023,187	23,263	22,800
41	33	97 186	31 955,611	732 136,838	22,911	22,448
42	34	97 021	31 047,678	700 181,227	22,552	22,089
43	35	96 842	30 160,934	669 133,549	22,185	21,723
44	36	96 653	29 296,430	638 972,615	21,811	21,348
45	37	96 435	28 448,027	609 676,185	21,431	20,968
46	38	96 200	27 619,298	581 228,158	21,044	20,581
47	39	95 933	26 805,339	553 608,860	20,653	20,190
48	40	95 648	26 010,502	526 803,521	20,253	19,791
49	41	95 329	25 229,823	500 793,019	19,849	19,386
50	42	94 975	24 463,491	475 563,196	19,440	18,977
51	43	94 584	23 710,770	451 099,705	19,025	18,562
52	44	94 149	22 969,870	427 388,935	18,607	18,144
53	45	93 668	22 240,931	404 419,065	18,184	17,721
54	46	93 120	21 519,173	382 178,133	17,760	17,297
55	47	92 512	20 806,531	360 658,961	17,334	16,871
56	48	91 839	20 102,354	339 852,429	16,906	16,443
57	49	91 089	19 404,476	319 750,076	16,478	16,015
58	50	90 263	18 713,892	300 345,600	16,049	15,587
59	51	89 361	18 031,003	281 631,708	15,619	15,156
60	52	88 373	17 354,324	263 600,705	15,189	14,727
61	53	87 300	16 684,789	246 246,381	14,759	14,296
62	54	86 133	16 021,273	229 561,592	14,329	13,866
63	55	84 859	15 361,782	213 540,319	13,901	13,438
64	56	83 486	14 708,716	198 178,537	13,474	13,011
65	57	82 001	14 060,553	183 469,821	13,049	12,586
66	58	80 420	13 420,340	169 409,268	12,623	12,160
67	59	78 741	12 788,399	155 988,928	12,198	11,735
68	60	76 960	12 164,626	143 200,529	11,772	11,309
69	61	75 085	11 550,713	131 035,903	11,344	10,882
70	62	73 083	10 941,810	119 485,190	10,920	10,457
71	63	71 015	10 347,594	108 543,380	10,490	10,027
72	64	68 798	9 756,225	98 195,787	10,065	9,602
73	65	66 496	9 177,394	88 439,562	9,637	9,174
74	66	64 069	8 605,872	79 262,168	9,210	8,747
75	67	61 534	8 044,083	70 656,296	8,784	8,321
76	68	58 901	7 493,835	62 612,213	8,355	7,892
77	69	56 118	6 948,667	55 118,377	7,932	7,469
78	70	53 212	6 412,520	48 169,710	7,512	7,049
79	71	50 153	5 882,073	41 757,191	7,099	6,636
80	72	46 969	5 361,257	35 875,118	6,692	6,229
81	73	43 663	4 850,434	30 513,861	6,291	5,828
82	74	40 174	4 343,495	25 663,427	5,908	5,446
83	75	36 591	3 850,166	21 319,932	5,537	5,075
84	76	32 964	3 375,673	17 469,766	5,175	4,712
85	77	29 286	2 918,764	14 094,093	4,829	4,366
86	78	25 596	2 482,765	11 175,329	4,501	4,038
87	79	21 963	2 073,380	8 692,564	4,192	3,730
88	80	18 463	1 696,300	6 619,184	3,902	3,439
89	81	15 144	1 354,162	4 922,884	3,635	3,173
90	82	12 104	1 053,360	3 568,721	3,388	2,925
91	83	9 417	797,604	2 515,361	3,154	2,691
92	84	7 115	586,463	1 717,757	2,929	2,466
93	85	5 152	413,318	1 131,294	2,737	2,274
94	86	3 601	281,172	717,976	2,554	2,091
95	87	2 400	182,343	436,804	2,396	1,933
96	88	1 533	113,385	254,462	2,244	1,781
97	89	920	66,237	141,076	2,130	1,667
98	90	531	37,227	74,839	2,010	1,548
99	91	290	19,742	37,612	1,905	1,442
100	92	149	9,855	17,870	1,813	1,351

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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4						
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9	0	99 543	77 978,446	2 411 367,393	30,924	30,461
10	1	99 236	75 657,298	2 333 388,946	30,842	30,379
11	2	99 204	73 608,318	2 257 731,648	30,672	30,209
12	3	99 184	71 623,822	2 184 123,331	30,494	30,032
13	4	99 166	69 694,896	2 112 499,508	30,311	29,848
14	5	99 147	67 816,589	2 042 804,612	30,122	29,660
15	6	99 125	65 986,714	1 974 988,023	29,930	29,467
16	7	99 101	64 204,699	1 909 001,309	29,733	29,270
17	8	99 071	62 467,960	1 844 796,610	29,532	29,069
18	9	99 037	60 775,129	1 782 328,650	29,327	28,864
19	10	98 993	59 122,262	1 721 553,521	29,119	28,656
20	11	98 948	57 513,669	1 662 431,259	28,905	28,442
21	12	98 898	55 945,875	1 604 917,590	28,687	28,224
22	13	98 850	54 422,201	1 548 971,715	28,462	27,999
23	14	98 796	52 936,629	1 494 549,514	28,233	27,770
24	15	98 746	51 493,986	1 441 612,885	27,996	27,533
25	16	98 687	50 085,909	1 390 118,899	27,755	27,292
26	17	98 630	48 716,889	1 340 032,991	27,507	27,044
27	18	98 571	47 384,822	1 291 316,102	27,252	26,789
28	19	98 506	46 086,235	1 243 931,280	26,991	26,529
29	20	98 441	44 823,200	1 197 845,045	26,724	26,261
30	21	98 371	43 592,736	1 153 021,845	26,450	25,987
31	22	98 300	42 395,210	1 109 429,109	26,169	25,706
32	23	98 223	41 228,421	1 067 033,899	25,881	25,418
33	24	98 144	40 092,328	1 025 805,478	25,586	25,123
34	25	98 054	38 983,732	985 713,150	25,285	24,822
35	26	97 960	37 903,963	946 729,419	24,977	24,514
36	27	97 863	36 852,970	908 825,456	24,661	24,198
37	28	97 758	35 828,100	871 972,485	24,338	23,875
38	29	97 639	34 826,823	836 144,385	24,009	23,546
39	30	97 510	33 849,768	801 317,563	23,673	23,210
40	31	97 370	32 896,679	767 467,795	23,330	22,867
41	32	97 219	31 966,564	734 571,116	22,979	22,517
42	33	97 056	31 058,870	702 604,552	22,622	22,159
43	34	96 881	30 173,184	671 545,682	22,256	21,794
44	35	96 693	29 308,509	641 372,499	21,883	21,421
45	36	96 479	28 461,076	612 063,989	21,505	21,042
46	37	96 246	27 632,414	583 602,913	21,120	20,657
47	38	95 991	26 821,519	555 970,499	20,729	20,266
48	39	95 706	26 026,148	529 148,980	20,331	19,869
49	40	95 394	25 247,135	503 122,832	19,928	19,465
50	41	95 046	24 481,614	477 875,698	19,520	19,057
51	42	94 659	23 729,605	453 394,084	19,107	18,644
52	43	94 234	22 990,747	429 664,478	18,689	18,226
53	44	93 759	22 262,539	406 673,731	18,267	17,804
54	45	93 228	21 543,997	384 411,192	17,843	17,380
55	46	92 625	20 831,894	362 867,196	17,419	16,956
56	47	91 966	20 129,938	342 035,301	16,991	16,529
57	48	91 235	19 435,457	321 905,363	16,563	16,100
58	49	90 421	18 746,663	302 469,907	16,135	15,672
59	50	89 527	18 064,480	283 723,244	15,706	15,243
60	51	88 562	17 391,589	265 658,764	15,275	14,812
61	52	87 504	16 723,805	248 267,175	14,845	14,382
62	53	86 355	16 062,516	231 543,370	14,415	13,952
63	54	85 105	15 406,286	215 480,854	13,987	13,524
64	55	83 757	14 756,608	200 074,568	13,558	13,095
65	56	82 296	14 111,028	185 317,960	13,133	12,670
66	57	80 737	13 473,210	171 206,932	12,707	12,244
67	58	79 085	12 844,264	157 733,722	12,280	11,818
68	59	77 324	12 222,147	144 889,457	11,855	11,392
69	60	75 484	11 611,977	132 667,310	11,425	10,962
70	61	73 501	11 004,380	121 055,333	11,001	10,538
71	62	71 453	10 411,462	110 050,953	10,570	10,107
72	63	69 265	9 822,516	99 639,491	10,144	9,681
73	64	66 996	9 246,490	89 816,975	9,714	9,251
74	65	64 584	8 675,016	80 570,485	9,288	8,825
75	66	62 078	8 115,189	71 895,469	8,859	8,397
76	67	59 465	7 565,574	63 780,280	8,430	7,968
77	68	56 712	7 022,159	56 214,706	8,005	7,543
78	69	53 834	6 487,480	49 192,548	7,583	7,120
79	70	50 793	5 957,125	42 705,068	7,169	6,706
80	71	47 622	5 435,736	36 747,943	6,760	6,298
81	72	44 319	4 923,367	31 312,207	6,360	5,897
82	73	40 845	4 415,988	26 388,840	5,976	5,513
83	74	37 256	3 920,114	21 972,851	5,605	5,142
84	75	33 610	3 441,865	18 052,738	5,245	4,782
85	76	29 931	2 983,097	14 610,873	4,898	4,435
86	77	26 220	2 543,286	11 627,776	4,572	4,109
87	78	22 583	2 131,897	9 084,490	4,261	3,798
88	79	19 062	1 751,317	6 952,593	3,970	3,507
89	80	15 718	1 405,406	5 201,276	3,701	3,238
90	81	12 644	1 100,315	3 795,870	3,450	2,987
91	82	9 907	839,035	2 695,556	3,213	2,750
92	83	7 543	621,721	1 856,520	2,986	2,523
93	84	5 511	442,129	1 234,799	2,793	2,330
94	85	3 898	304,339	792,671	2,605	2,142
95	86	2 629	199,758	488,331	2,445	1,982
96	87	1 704	125,976	288,574	2,291	1,828
97	88	1 039	74,776	162,598	2,174	1,712
98	89	611	42,766	87,821	2,054	1,591
99	90	340	23,157	45,055	1,946	1,483
100	91	178	11,839	21,898	1,850	1,387

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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3						
4						
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9						
10	0	99 535	75 885,360	2 336 054,307	30,784	30,321
11	1	99 228	73 626,573	2 260 168,947	30,698	30,235
12	2	99 196	71 632,721	2 186 542,374	30,524	30,062
13	3	99 177	69 702,084	2 114 909,654	30,342	29,879
14	4	99 157	67 823,079	2 045 207,569	30,155	29,692
15	5	99 134	65 992,593	1 977 384,490	29,964	29,501
16	6	99 109	64 210,379	1 911 391,898	29,768	29,305
17	7	99 076	62 470,862	1 847 181,518	29,569	29,106
18	8	99 044	60 779,364	1 784 710,657	29,364	28,901
19	9	98 999	59 125,879	1 723 931,293	29,157	28,694
20	10	98 954	57 517,033	1 664 805,413	28,945	28,482
21	11	98 905	55 950,202	1 607 288,380	28,727	28,264
22	12	98 858	54 426,475	1 551 338,179	28,503	28,041
23	13	98 805	52 941,617	1 496 911,704	28,275	27,812
24	14	98 755	51 498,734	1 443 970,087	28,039	27,576
25	15	98 699	50 092,003	1 392 471,353	27,798	27,335
26	16	98 644	48 724,063	1 342 379,350	27,551	27,088
27	17	98 584	47 391,275	1 293 655,286	27,297	26,835
28	18	98 525	46 095,317	1 246 264,012	27,037	26,574
29	19	98 458	44 831,036	1 200 168,695	26,771	26,308
30	20	98 390	43 600,797	1 155 337,658	26,498	26,035
31	21	98 316	42 402,202	1 111 736,862	26,219	25,756
32	22	98 239	41 235,134	1 069 334,660	25,933	25,470
33	23	98 161	40 099,544	1 028 099,525	25,639	25,176
34	24	98 072	38 990,747	987 999,981	25,339	24,877
35	25	97 979	37 911,175	949 009,234	25,032	24,570
36	26	97 881	36 859,907	911 098,059	24,718	24,255
37	27	97 779	35 835,811	874 238,152	24,396	23,933
38	28	97 662	34 835,031	838 402,341	24,068	23,605
39	29	97 535	33 858,529	803 567,309	23,733	23,270
40	30	97 401	32 907,114	769 708,780	23,390	22,928
41	31	97 250	31 976,604	736 801,665	23,042	22,579
42	32	97 089	31 069,515	704 825,061	22,685	22,223
43	33	96 916	30 184,060	673 755,546	22,322	21,859
44	34	96 732	29 320,413	643 571,486	21,950	21,487
45	35	96 519	28 472,811	614 251,072	21,573	21,110
46	36	96 290	27 645,089	585 778,262	21,189	20,726
47	37	96 036	26 834,257	558 133,173	20,799	20,336
48	38	95 763	26 041,857	531 298,916	20,402	19,939
49	39	95 452	25 262,321	505 257,059	20,000	19,538
50	40	95 111	24 498,413	479 994,738	19,593	19,130
51	41	94 730	23 747,185	455 496,325	19,181	18,718
52	42	94 309	23 009,011	431 749,141	18,764	18,302
53	43	93 844	22 282,773	408 740,130	18,343	17,881
54	44	93 318	21 564,927	386 457,357	17,921	17,458
55	45	92 732	20 855,925	364 892,430	17,496	17,033
56	46	92 078	20 154,476	344 036,504	17,070	16,607
57	47	91 360	19 462,126	323 882,028	16,642	16,179
58	48	90 566	18 776,593	304 419,902	16,213	15,750
59	49	89 684	18 096,113	285 643,309	15,785	15,322
60	50	88 727	17 423,879	267 547,196	15,355	14,892
61	51	87 692	16 759,716	250 123,317	14,924	14,461
62	52	86 557	16 100,077	233 363,601	14,495	14,032
63	53	85 324	15 445,946	217 263,524	14,066	13,603
64	54	84 000	14 799,359	201 817,578	13,637	13,174
65	55	82 564	14 156,973	187 018,219	13,210	12,748
66	56	81 027	13 521,577	172 861,245	12,784	12,321
67	57	79 396	12 894,865	159 339,669	12,357	11,894
68	58	77 661	12 275,539	146 444,803	11,930	11,467
69	59	75 841	11 666,886	134 169,265	11,500	11,037
70	60	73 891	11 062,746	122 502,379	11,073	10,611
71	61	71 862	10 470,999	111 439,632	10,643	10,180
72	62	69 693	9 883,143	100 968,634	10,216	9,753
73	63	67 451	9 309,318	91 085,490	9,784	9,322
74	64	65 070	8 740,329	81 776,172	9,356	8,893
75	65	62 577	8 180,390	73 035,843	8,928	8,465
76	66	59 991	7 632,450	64 855,452	8,497	8,035
77	67	57 254	7 089,382	57 223,003	8,072	7,609
78	68	54 404	6 556,094	50 133,621	7,647	7,184
79	69	51 386	6 026,762	43 577,527	7,231	6,768
80	70	48 229	5 505,094	37 550,765	6,821	6,358
81	71	44 935	4 991,763	32 045,671	6,420	5,957
82	72	41 459	4 482,389	27 053,908	6,036	5,573
83	73	37 877	3 985,541	22 571,520	5,663	5,201
84	74	34 221	3 504,394	18 585,979	5,304	4,841
85	75	30 518	3 041,591	15 081,585	4,958	4,496
86	76	26 798	2 599,344	12 039,993	4,632	4,169
87	77	23 134	2 183,865	9 440,650	4,323	3,860
88	78	19 600	1 800,744	7 256,785	4,030	3,567
89	79	16 227	1 450,988	5 456,041	3,760	3,297
90	80	13 122	1 141,952	4 005,053	3,507	3,044
91	81	10 348	876,436	2 863,101	3,267	2,804
92	82	7 934	654,016	1 986,665	3,038	2,575
93	83	5 843	468,710	1 332,650	2,843	2,380
94	84	4 170	325,553	863,940	2,654	2,191
95	85	2 846	216,217	538,386	2,490	2,027
96	86	1 866	138,008	322,169	2,334	1,872
97	87	1 154	83,080	184,162	2,217	1,754
98	88	689	48,280	101,082	2,094	1,631
99	89	390	26,602	52,802	1,985	1,522
100	90	209	13,887	26,199	1,887	1,424

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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11	0	99 527	73 848,513	2 262 626,048	30,639	30,176
12	1	99 220	71 650,486	2 188 777,535	30,548	30,085
13	2	99 189	69 710,744	2 117 127,049	30,370	29,907
14	3	99 167	67 830,074	2 047 416,304	30,184	29,722
15	4	99 143	65 998,908	1 979 586,230	29,994	29,531
16	5	99 118	64 216,100	1 913 587,323	29,799	29,336
17	6	99 085	62 476,388	1 849 371,223	29,601	29,138
18	7	99 049	60 782,188	1 786 894,835	29,398	28,936
19	8	99 006	59 130,000	1 726 112,647	29,192	28,729
20	9	98 960	57 520,552	1 666 982,647	28,981	28,518
21	10	98 911	55 953,475	1 609 462,095	28,764	28,301
22	11	98 865	54 430,684	1 553 508,621	28,541	28,078
23	12	98 813	52 945,775	1 499 077,937	28,313	27,851
24	13	98 765	51 503,587	1 446 132,163	28,078	27,615
25	14	98 708	50 096,622	1 394 628,576	27,839	27,376
26	15	98 656	48 729,992	1 344 531,954	27,591	27,129
27	16	98 599	47 398,254	1 295 801,961	27,339	26,876
28	17	98 539	46 101,594	1 248 403,708	27,079	26,617
29	18	98 478	44 839,871	1 202 302,114	26,813	26,350
30	19	98 407	43 608,419	1 157 462,243	26,542	26,079
31	20	98 334	42 410,043	1 113 853,824	26,264	25,801
32	21	98 256	41 241,935	1 071 443,781	25,979	25,517
33	22	98 177	40 106,074	1 030 201,846	25,687	25,224
34	23	98 089	38 997,766	990 095,772	25,389	24,926
35	24	97 996	37 917,998	951 098,007	25,083	24,620
36	25	97 900	36 866,920	913 180,009	24,770	24,307
37	26	97 797	35 842,557	876 313,089	24,449	23,986
38	27	97 683	34 842,529	840 470,532	24,122	23,659
39	28	97 558	33 866,510	805 628,003	23,788	23,326
40	29	97 426	32 915,632	771 761,494	23,447	22,984
41	30	97 280	31 986,748	738 845,862	23,098	22,636
42	31	97 120	31 079,274	706 859,113	22,744	22,281
43	32	96 949	30 194,405	675 779,839	22,381	21,918
44	33	96 767	29 330,982	645 585,434	22,010	21,548
45	34	96 558	28 484,375	616 254,451	21,635	21,172
46	35	96 330	27 656,487	587 770,076	21,253	20,790
47	36	96 080	26 846,566	560 113,589	20,864	20,401
48	37	95 809	26 054,224	533 267,023	20,468	20,005
49	38	95 509	25 277,570	507 212,799	20,066	19,603
50	39	95 168	24 513,149	481 935,229	19,660	19,197
51	40	94 795	23 763,479	457 422,081	19,249	18,786
52	41	94 379	23 026,056	433 658,602	18,833	18,371
53	42	93 918	22 300,474	410 632,545	18,414	17,951
54	43	93 403	21 584,527	388 332,071	17,991	17,528
55	44	92 822	20 876,187	366 747,544	17,568	17,105
56	45	92 184	20 177,726	345 871,357	17,141	16,678
57	46	91 471	19 485,850	325 693,631	16,714	16,252
58	47	90 690	18 802,358	306 207,781	16,286	15,823
59	48	89 827	18 125,006	287 405,423	15,857	15,394
60	49	88 882	17 454,390	269 280,417	15,428	14,965
61	50	87 854	16 790,832	251 826,027	14,998	14,535
62	51	86 743	16 134,649	235 035,194	14,567	14,104
63	52	85 523	15 482,065	218 900,546	14,139	13,676
64	53	84 216	14 837,457	203 418,480	13,710	13,247
65	54	82 803	14 197,987	188 581,024	13,282	12,819
66	55	81 291	13 565,603	174 383,037	12,855	12,392
67	56	79 681	12 941,155	160 817,433	12,427	11,964
68	57	77 967	12 323,899	147 876,278	11,999	11,536
69	58	76 172	11 717,852	135 552,379	11,568	11,105
70	59	74 240	11 115,058	123 834,527	11,141	10,678
71	60	72 243	10 526,537	112 719,469	10,708	10,245
72	61	70 091	9 939,659	102 192,933	10,281	9,819
73	62	67 868	9 366,778	92 253,274	9,849	9,386
74	63	65 513	8 799,718	82 886,496	9,419	8,956
75	64	63 048	8 241,980	74 086,778	8,989	8,526
76	65	60 473	7 693,773	65 844,798	8,558	8,095
77	66	57 761	7 152,049	58 151,025	8,131	7,668
78	67	54 924	6 618,855	50 998,977	7,705	7,242
79	68	51 930	6 090,503	44 380,121	7,287	6,824
80	69	48 793	5 569,446	38 289,618	6,875	6,412
81	70	45 508	5 055,455	32 720,172	6,472	6,009
82	71	42 035	4 544,659	27 664,716	6,087	5,624
83	72	38 447	4 045,469	23 120,058	5,715	5,252
84	73	34 792	3 562,883	19 074,589	5,354	4,891
85	74	31 072	3 096,849	15 511,706	5,009	4,546
86	75	27 323	2 650,313	12 414,857	4,684	4,221
87	76	23 644	2 232,000	9 764,544	4,375	3,912
88	77	20 078	1 844,640	7 532,544	4,083	3,621
89	78	16 685	1 491,938	5 687,904	3,812	3,350
90	79	13 548	1 178,989	4 195,966	3,559	3,096
91	80	10 740	909,601	3 016,977	3,317	2,854
92	81	8 288	683,169	2 107,375	3,085	2,622
93	82	6 146	493,056	1 424,206	2,889	2,426
94	83	4 420	345,126	931,149	2,698	2,235
95	84	3 044	231,289	586,023	2,534	2,071
96	85	2 020	149,379	354,735	2,375	1,912
97	86	1 265	91,015	205,356	2,256	1,793
98	87	766	53,641	114,341	2,132	1,669
99	88	441	30,032	60,700	2,021	1,558
100	89	240	15,954	30,668	1,922	1,459

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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12	0	99 520	71 866,469	2 191 043,031	30,488	30,025
13	1	99 214	69 728,033	2 119 176,562	30,392	29,929
14	2	99 179	67 838,501	2 049 448,529	30,211	29,748
15	3	99 154	66 005,715	1 981 610,028	30,022	29,559
16	4	99 128	64 222,245	1 915 604,313	29,828	29,365
17	5	99 094	62 481,954	1 851 382,068	29,631	29,168
18	6	99 058	60 787,565	1 788 900,114	29,429	28,966
19	7	99 011	59 132,747	1 728 112,549	29,224	28,761
20	8	98 967	57 524,560	1 668 979,802	29,013	28,551
21	9	98 917	55 956,898	1 611 455,242	28,798	28,335
22	10	98 871	54 433,868	1 555 498,344	28,576	28,113
23	11	98 820	52 949,869	1 501 064,477	28,349	27,886
24	12	98 772	51 507,631	1 448 114,608	28,115	27,652
25	13	98 718	50 101,343	1 396 606,977	27,876	27,413
26	14	98 665	48 734,486	1 346 505,634	27,629	27,167
27	15	98 611	47 404,021	1 297 771,148	27,377	26,914
28	16	98 553	46 108,383	1 250 367,127	27,118	26,655
29	17	98 491	44 845,977	1 204 258,743	26,853	26,390
30	18	98 426	43 617,012	1 159 412,766	26,582	26,119
31	19	98 352	42 417,457	1 115 795,754	26,305	25,842
32	20	98 274	41 249,561	1 073 378,297	26,022	25,559
33	21	98 193	40 112,688	1 032 128,736	25,731	25,268
34	22	98 105	39 004,116	992 016,048	25,434	24,971
35	23	98 014	37 924,823	953 011,932	25,129	24,666
36	24	97 918	36 873,555	915 087,109	24,817	24,354
37	25	97 816	35 849,376	878 213,554	24,497	24,034
38	26	97 701	34 849,087	842 364,178	24,172	23,709
39	27	97 579	33 873,799	807 515,090	23,839	23,376
40	28	97 449	32 923,390	773 641,292	23,498	23,035
41	29	97 306	31 995,028	740 717,901	23,151	22,688
42	30	97 151	31 089,133	708 722,874	22,796	22,334
43	31	96 980	30 203,889	677 633,740	22,435	21,972
44	32	96 800	29 341,035	647 429,851	22,066	21,603
45	33	96 593	28 494,643	618 088,816	21,691	21,229
46	34	96 369	27 667,720	589 594,173	21,310	20,847
47	35	96 120	26 857,635	561 926,453	20,922	20,460
48	36	95 853	26 066,176	535 068,818	20,527	20,065
49	37	95 555	25 289,574	509 002,643	20,127	19,664
50	38	95 225	24 527,945	483 713,069	19,721	19,258
51	39	94 852	23 777,773	459 185,124	19,312	18,849
52	40	94 444	23 041,856	435 407,351	18,896	18,434
53	41	93 988	22 316,994	412 365,495	18,478	18,015
54	42	93 477	21 601,674	390 048,500	18,056	17,594
55	43	92 907	20 895,161	368 446,826	17,633	17,170
56	44	92 273	20 197,329	347 551,665	17,208	16,745
57	45	91 577	19 508,328	327 354,336	16,780	16,317
58	46	90 800	18 825,278	307 846,008	16,353	15,890
59	47	89 950	18 149,876	289 020,730	15,924	15,461
60	48	89 024	17 482,258	270 870,853	15,494	15,031
61	49	88 008	16 820,235	253 388,595	15,065	14,602
62	50	86 904	16 164,605	236 568,360	14,635	14,172
63	51	85 707	15 515,310	220 403,755	14,206	13,743
64	52	84 413	14 872,153	204 888,445	13,777	13,314
65	53	83 016	14 234,537	190 016,292	13,349	12,886
66	54	81 526	13 604,904	175 781,755	12,920	12,458
67	55	79 941	12 983,292	162 176,852	12,491	12,028
68	56	78 247	12 368,140	149 193,560	12,063	11,600
69	57	76 472	11 764,015	136 825,420	11,631	11,168
70	58	74 565	11 163,613	125 061,405	11,203	10,740
71	59	72 585	10 576,312	113 897,792	10,769	10,306
72	60	70 463	9 992,379	103 321,480	10,340	9,877
73	61	68 256	9 420,341	93 329,101	9,907	9,444
74	62	65 917	8 854,032	83 908,760	9,477	9,014
75	63	63 476	8 297,982	75 054,728	9,045	8,582
76	64	60 928	7 751,699	66 756,746	8,612	8,149
77	65	58 225	7 209,512	59 005,047	8,184	7,722
78	66	55 410	6 677,363	51 795,535	7,757	7,294
79	67	52 427	6 148,807	45 118,172	7,338	6,875
80	68	49 309	5 628,351	38 969,365	6,924	6,461
81	69	46 040	5 114,552	33 341,014	6,519	6,056
82	70	42 571	4 602,646	28 226,462	6,133	5,670
83	71	38 981	4 101,669	23 623,815	5,760	5,297
84	72	35 315	3 616,456	19 522,146	5,398	4,935
85	73	31 591	3 148,536	15 905,691	5,052	4,589
86	74	27 820	2 698,462	12 757,155	4,728	4,265
87	75	24 107	2 275,766	10 058,693	4,420	3,957
88	76	20 520	1 885,298	7 782,927	4,128	3,665
89	77	17 092	1 528,307	5 897,629	3,859	3,396
90	78	13 930	1 212,264	4 369,322	3,604	3,141
91	79	11 088	939,103	3 157,059	3,362	2,899
92	80	8 602	709,021	2 217,956	3,128	2,665
93	81	6 420	515,035	1 508,935	2,930	2,467
94	82	4 650	363,053	993,899	2,738	2,275
95	83	3 227	245,194	630,846	2,573	2,110
96	84	2 161	159,791	385,652	2,413	1,951
97	85	1 369	98,514	225,861	2,293	1,830
98	86	839	58,764	127,347	2,167	1,704
99	87	489	33,367	68,583	2,055	1,593
100	88	271	18,010	35,215	1,955	1,492

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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13	0	99 513	69 938,221	2 121 265,883	30,331	29,868
14	1	99 204	67 855,325	2 051 327,662	30,231	29,768
15	2	99 166	66 013,915	1 983 472,337	30,046	29,583
16	3	99 138	64 228,869	1 917 458,422	29,854	29,391
17	4	99 103	62 487,934	1 853 229,553	29,657	29,195
18	5	99 066	60 792,980	1 790 741,619	29,456	28,994
19	6	99 020	59 137,978	1 729 948,639	29,253	28,790
20	7	98 971	57 527,233	1 670 810,661	29,044	28,581
21	8	98 924	55 960,797	1 613 283,428	28,829	28,366
22	9	98 877	54 437,198	1 557 322,631	28,608	28,145
23	10	98 826	52 952,966	1 502 885,433	28,382	27,919
24	11	98 780	51 511,615	1 449 932,467	28,148	27,685
25	12	98 725	50 105,277	1 398 420,852	27,910	27,447
26	13	98 674	48 739,078	1 348 315,575	27,664	27,201
27	14	98 620	47 408,393	1 299 576,497	27,412	26,950
28	15	98 565	46 113,994	1 252 168,105	27,154	26,691
29	16	98 506	44 852,581	1 206 054,111	26,889	26,426
30	17	98 440	43 622,952	1 161 201,529	26,619	26,156
31	18	98 371	42 425,816	1 117 578,577	26,342	25,879
32	19	98 291	41 256,772	1 075 152,762	26,060	25,597
33	20	98 212	40 120,106	1 033 895,989	25,770	25,307
34	21	98 122	39 010,549	993 775,884	25,475	25,012
35	22	98 030	37 930,998	954 765,335	25,171	24,708
36	23	97 935	36 880,192	916 834,337	24,860	24,397
37	24	97 833	35 855,828	879 954,145	24,541	24,079
38	25	97 720	34 855,718	844 098,317	24,217	23,754
39	26	97 597	33 880,175	809 242,599	23,885	23,423
40	27	97 470	32 930,476	775 362,424	23,545	23,083
41	28	97 328	32 002,569	742 431,948	23,199	22,736
42	29	97 176	31 097,180	710 429,379	22,845	22,383
43	30	97 011	30 213,471	679 332,198	22,484	22,022
44	31	96 831	29 350,251	649 118,727	22,116	21,653
45	32	96 626	28 504,409	619 768,476	21,743	21,280
46	33	96 404	27 677,693	591 264,067	21,362	20,900
47	34	96 159	26 868,543	563 586,374	20,976	20,513
48	35	95 892	26 076,923	536 717,831	20,582	20,119
49	36	95 598	25 301,174	510 640,908	20,182	19,720
50	37	95 271	24 539,593	485 339,734	19,778	19,315
51	38	94 909	23 792,126	460 800,140	19,368	18,905
52	39	94 500	23 055,716	437 008,015	18,954	18,492
53	40	94 053	22 332,308	413 952,299	18,536	18,073
54	41	93 547	21 617,677	391 619,991	18,116	17,653
55	42	92 980	20 911,760	370 002,315	17,694	17,231
56	43	92 357	20 215,686	349 090,555	17,268	16,805
57	44	91 666	19 527,281	328 874,869	16,842	16,379
58	45	90 905	18 846,995	309 347,588	16,414	15,951
59	46	90 060	18 172,001	290 500,593	15,986	15,523
60	47	89 146	17 506,247	272 328,592	15,556	15,093
61	48	88 149	16 847,091	254 822,345	15,126	14,663
62	49	87 056	16 192,911	237 975,255	14,696	14,233
63	50	85 866	15 544,116	221 782,343	14,268	13,805
64	51	84 595	14 904,088	206 238,227	13,838	13,375
65	52	83 210	14 267,823	191 334,139	13,410	12,947
66	53	81 736	13 639,926	177 066,316	12,981	12,519
67	54	80 172	13 020,905	163 426,390	12,551	12,088
68	55	78 502	12 408,411	150 405,484	12,121	11,658
69	56	76 746	11 806,246	137 997,074	11,688	11,226
70	57	74 858	11 207,593	126 190,828	11,259	10,797
71	58	72 902	10 622,514	114 983,235	10,824	10,362
72	59	70 796	10 039,629	104 360,721	10,395	9,932
73	60	68 618	9 470,306	94 321,092	9,960	9,497
74	61	66 294	8 904,663	84 850,787	9,529	9,066
75	62	63 868	8 349,200	75 946,124	9,096	8,633
76	63	61 342	7 804,370	67 596,924	8,661	8,199
77	64	58 663	7 263,792	59 792,554	8,232	7,769
78	65	55 855	6 731,012	52 528,762	7,804	7,341
79	66	52 890	6 203,160	45 797,750	7,383	6,920
80	67	49 781	5 682,231	39 594,590	6,968	6,505
81	68	46 527	5 168,645	33 912,359	6,561	6,098
82	69	43 069	4 656,450	28 743,713	6,173	5,710
83	70	39 478	4 154,004	24 087,263	5,799	5,336
84	71	35 805	3 666,696	19 933,259	5,436	4,973
85	72	32 066	3 195,878	16 266,563	5,090	4,627
86	73	28 284	2 743,500	13 070,685	4,764	4,301
87	74	24 545	2 317,111	10 327,186	4,457	3,994
88	75	20 923	1 922,266	8 010,075	4,167	3,704
89	76	17 469	1 561,993	6 087,809	3,897	3,435
90	77	14 270	1 241,814	4 525,816	3,645	3,182
91	78	11 401	965,607	3 284,002	3,401	2,938
92	79	8 881	732,017	2 318,395	3,167	2,704
93	80	6 663	534,525	1 586,378	2,968	2,505
94	81	4 857	379,237	1 051,853	2,774	2,311
95	82	3 395	257,930	672,616	2,608	2,145
96	83	2 291	169,398	414,686	2,448	1,985
97	84	1 464	105,381	245,288	2,328	1,865
98	85	908	63,606	139,907	2,200	1,737
99	86	536	36,554	76,301	2,087	1,625
100	87	302	20,010	39,747	1,986	1,523

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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14	0	99 503	68 059,869	2 053 255,020	30,168	29,706
15	1	99 191	66 030,287	1 985 195,151	30,065	29,602
16	2	99 150	64 236,849	1 919 164,864	29,876	29,414
17	3	99 113	62 494,378	1 854 928,016	29,682	29,219
18	4	99 076	60 798,798	1 792 433,637	29,481	29,019
19	5	99 028	59 143,247	1 731 634,839	29,279	28,816
20	6	98 980	57 532,322	1 672 491,592	29,070	28,608
21	7	98 929	55 963,397	1 614 959,270	28,857	28,395
22	8	98 884	54 440,991	1 558 995,873	28,636	28,174
23	9	98 832	52 956,206	1 504 554,882	28,411	27,948
24	10	98 786	51 514,628	1 451 598,676	28,178	27,716
25	11	98 733	50 109,152	1 400 084,048	27,941	27,478
26	12	98 682	48 742,905	1 349 974,896	27,696	27,233
27	13	98 629	47 412,860	1 301 231,991	27,445	26,982
28	14	98 574	46 118,246	1 253 819,131	27,187	26,724
29	15	98 517	44 858,039	1 207 700,885	26,923	26,460
30	16	98 454	43 629,376	1 162 842,846	26,653	26,190
31	17	98 384	42 431,594	1 119 213,470	26,377	25,914
32	18	98 310	41 264,902	1 076 781,876	26,094	25,632
33	19	98 229	40 127,120	1 035 516,974	25,806	25,343
34	20	98 140	39 017,762	995 389,855	25,511	25,048
35	21	98 046	37 937,254	956 372,093	25,209	24,746
36	22	97 951	36 886,198	918 434,839	24,899	24,436
37	23	97 851	35 862,282	881 548,641	24,581	24,119
38	24	97 738	34 861,991	845 686,359	24,258	23,795
39	25	97 616	33 886,621	810 824,368	23,928	23,465
40	26	97 488	32 936,675	776 937,747	23,589	23,126
41	27	97 349	32 009,457	744 001,073	23,243	22,780
42	28	97 199	31 104,510	711 991,616	22,890	22,427
43	29	97 036	30 221,291	680 887,106	22,530	22,067
44	30	96 861	29 359,562	650 665,815	22,162	21,699
45	31	96 656	28 513,362	621 306,252	21,790	21,327
46	32	96 437	27 687,180	592 792,890	21,410	20,948
47	33	96 194	26 878,228	565 105,710	21,025	20,562
48	34	95 931	26 087,514	538 227,482	20,632	20,169
49	35	95 638	25 311,606	512 139,968	20,233	19,771
50	36	95 314	24 550,850	486 828,362	19,829	19,367
51	37	94 954	23 803,424	462 277,512	19,421	18,958
52	38	94 557	23 069,633	438 474,088	19,007	18,544
53	39	94 109	22 345,741	415 404,456	18,590	18,127
54	40	93 611	21 632,510	393 058,715	18,170	17,707
55	41	93 049	20 927,252	371 426,205	17,748	17,286
56	42	92 431	20 231,745	350 498,953	17,324	16,861
57	43	91 749	19 545,029	330 267,208	16,898	16,435
58	44	90 993	18 865,305	310 722,179	16,471	16,008
59	45	90 164	18 192,964	291 856,874	16,042	15,579
60	46	89 255	17 527,587	273 663,910	15,613	15,151
61	47	88 270	16 870,208	256 136,324	15,183	14,720
62	48	87 195	16 218,765	239 266,116	14,752	14,290
63	49	86 016	15 571,336	223 047,351	14,324	13,861
64	50	84 752	14 931,759	207 476,015	13,895	13,432
65	51	83 389	14 298,460	192 544,255	13,466	13,003
66	52	81 927	13 671,822	178 245,795	13,037	12,575
67	53	80 379	13 054,425	164 573,973	12,607	12,144
68	54	78 729	12 444,359	151 519,548	12,176	11,713
69	55	76 996	11 844,687	139 075,189	11,742	11,279
70	56	75 127	11 247,826	127 230,502	11,312	10,849
71	57	73 189	10 664,363	115 982,676	10,876	10,413
72	58	71 105	10 083,486	105 318,314	10,445	9,982
73	59	68 942	9 515,087	95 234,828	10,009	9,546
74	60	66 645	8 951,893	85 719,741	9,576	9,113
75	61	64 233	8 396,944	76 767,848	9,142	8,680
76	62	61 720	7 852,540	68 370,904	8,707	8,244
77	63	59 062	7 313,147	60 518,363	8,275	7,812
78	64	56 276	6 781,690	53 205,216	7,845	7,383
79	65	53 315	6 252,999	46 423,526	7,424	6,961
80	66	50 221	5 732,459	40 170,527	7,008	6,545
81	67	46 972	5 218,125	34 438,067	6,600	6,137
82	68	43 525	4 705,698	29 219,943	6,209	5,747
83	69	39 940	4 202,563	24 514,245	5,833	5,370
84	70	36 262	3 713,481	20 311,681	5,470	5,007
85	71	32 512	3 240,276	16 598,200	5,122	4,660
86	72	28 709	2 784,752	13 357,924	4,797	4,334
87	73	24 955	2 355,784	10 573,173	4,488	4,025
88	74	21 303	1 957,188	8 217,389	4,199	3,736
89	75	17 811	1 592,621	6 260,200	3,931	3,468
90	76	14 584	1 269,186	4 667,580	3,678	3,215
91	77	11 679	989,145	3 398,394	3,436	2,973
92	78	9 131	752,677	2 409,249	3,201	2,738
93	79	6 879	551,861	1 656,572	3,002	2,539
94	80	5 041	393,587	1 104,711	2,807	2,344
95	81	3 546	269,428	711,124	2,639	2,177
96	82	2 410	178,197	441,696	2,479	2,016
97	83	1 552	111,716	263,499	2,359	1,896
98	84	971	68,040	151,782	2,231	1,768
99	85	580	39,566	83,742	2,117	1,654
100	86	330	21,922	44,176	2,015	1,552

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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15	0	99 490	66 229,329	1 986 973,595	30,001	29,539
16	1	99 175	64 252,779	1 920 744,266	29,894	29,431
17	2	99 126	62 502,143	1 856 491,487	29,703	29,240
18	3	99 086	60 805,069	1 793 989,344	29,504	29,041
19	4	99 038	59 148,906	1 733 184,275	29,302	28,839
20	5	98 989	57 537,447	1 674 035,369	29,095	28,632
21	6	98 937	55 968,348	1 616 497,921	28,882	28,420
22	7	98 889	54 443,521	1 560 529,573	28,663	28,200
23	8	98 839	52 959,896	1 506 086,053	28,438	27,975
24	9	98 792	51 517,779	1 453 126,156	28,206	27,743
25	10	98 739	50 112,083	1 401 608,377	27,969	27,507
26	11	98 690	48 746,675	1 351 496,294	27,725	27,262
27	12	98 637	47 416,583	1 302 749,619	27,475	27,012
28	13	98 584	46 122,592	1 255 333,036	27,217	26,754
29	14	98 527	44 862,176	1 209 210,445	26,954	26,491
30	15	98 466	43 634,685	1 164 348,269	26,684	26,221
31	16	98 399	42 437,842	1 120 713,584	26,408	25,946
32	17	98 324	41 270,522	1 078 275,741	26,127	25,664
33	18	98 248	40 135,027	1 037 005,220	25,838	25,375
34	19	98 157	39 024,583	996 870,193	25,545	25,082
35	20	98 064	37 944,269	957 845,610	25,243	24,781
36	21	97 967	36 892,281	919 901,341	24,935	24,472
37	22	97 867	35 868,122	883 009,060	24,618	24,155
38	23	97 755	34 868,266	847 140,938	24,295	23,833
39	24	97 633	33 892,720	812 272,672	23,966	23,503
40	25	97 507	32 942,941	778 379,953	23,628	23,165
41	26	97 368	32 015,482	745 437,011	23,284	22,821
42	27	97 220	31 111,205	713 421,529	22,931	22,469
43	28	97 059	30 228,414	682 310,325	22,572	22,109
44	29	96 886	29 367,161	652 081,910	22,204	21,742
45	30	96 687	28 522,407	622 714,749	21,832	21,370
46	31	96 467	27 695,876	594 192,341	21,454	20,991
47	32	96 227	26 887,441	566 496,465	21,069	20,606
48	33	95 966	26 096,918	539 609,024	20,677	20,214
49	34	95 677	25 321,887	513 512,107	20,279	19,817
50	35	95 354	24 560,972	488 190,220	19,877	19,414
51	36	94 997	23 814,343	463 629,248	19,468	19,006
52	37	94 602	23 080,588	439 814,905	19,056	18,593
53	38	94 166	22 359,229	416 734,317	18,638	18,175
54	39	93 667	21 645,522	394 375,088	18,220	17,757
55	40	93 113	20 941,611	372 729,566	17,799	17,336
56	41	92 499	20 246,733	351 787,955	17,375	16,912
57	42	91 822	19 560,556	331 541,222	16,949	16,487
58	43	91 076	18 882,451	311 980,666	16,522	16,059
59	44	90 251	18 210,638	293 098,215	16,095	15,632
60	45	89 358	17 547,806	274 887,576	15,665	15,202
61	46	88 377	16 890,773	257 339,770	15,236	14,773
62	47	87 315	16 241,020	240 448,998	14,805	14,342
63	48	86 154	15 596,197	224 207,978	14,376	13,913
64	49	84 900	14 957,907	208 611,781	13,947	13,484
65	50	83 544	14 325,007	193 653,874	13,519	13,056
66	51	82 103	13 701,180	179 328,866	13,089	12,626
67	52	80 567	13 084,952	165 627,687	12,658	12,195
68	53	78 932	12 476,394	152 542,735	12,227	11,764
69	54	77 219	11 879,002	140 066,341	11,791	11,328
70	55	75 372	11 284,449	128 187,339	11,360	10,897
71	56	73 452	10 702,645	116 902,890	10,923	10,460
72	57	71 386	10 123,211	106 200,245	10,491	10,028
73	58	69 244	9 556,653	96 077,034	10,053	9,591
74	59	66 961	8 994,223	86 520,381	9,620	9,157
75	60	64 574	8 441,481	77 526,158	9,184	8,721
76	61	62 073	7 897,444	69 084,677	8,748	8,285
77	62	59 426	7 358,286	61 187,233	8,315	7,853
78	63	56 658	6 827,770	53 828,946	7,884	7,421
79	64	53 717	6 300,078	47 001,177	7,460	6,998
80	65	50 625	5 778,517	40 701,099	7,044	6,581
81	66	47 388	5 264,251	34 922,582	6,634	6,171
82	67	43 941	4 750,746	29 658,331	6,243	5,780
83	68	40 362	4 247,011	24 907,586	5,865	5,402
84	69	36 686	3 756,891	20 660,575	5,499	5,037
85	70	32 926	3 281,620	16 903,684	5,151	4,688
86	71	29 108	2 823,438	13 622,064	4,825	4,362
87	72	25 330	2 391,206	10 798,626	4,516	4,053
88	73	21 658	1 989,854	8 407,420	4,225	3,762
89	74	18 135	1 621,554	6 417,566	3,958	3,495
90	75	14 870	1 294,072	4 796,011	3,706	3,243
91	76	11 936	1 010,947	3 501,939	3,464	3,001
92	77	9 354	771,024	2 490,992	3,231	2,768
93	78	7 073	567,436	1 719,967	3,031	2,568
94	79	5 205	406,353	1 152,531	2,836	2,373
95	80	3 680	279,623	746,179	2,669	2,206
96	81	2 517	186,141	466,555	2,506	2,044
97	82	1 633	117,519	280,414	2,386	1,923
98	83	1 030	72,131	162,895	2,258	1,796
99	84	621	42,324	90,764	2,145	1,682
100	85	358	23,728	48,441	2,042	1,579

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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16	0	99 474	64 446,463	1 922 385,760	29,829	29,366
17	1	99 150	62 517,643	1 857 939,297	29,719	29,256
18	2	99 098	60 812,623	1 795 421,654	29,524	29,061
19	3	99 048	59 155,007	1 734 609,031	29,323	28,860
20	4	98 999	57 542,953	1 675 454,024	29,117	28,654
21	5	98 946	55 973,334	1 617 911,070	28,905	28,442
22	6	98 897	54 448,337	1 561 937,736	28,687	28,224
23	7	98 844	52 962,357	1 507 489,399	28,463	28,001
24	8	98 799	51 521,370	1 454 527,042	28,232	27,769
25	9	98 745	50 115,149	1 403 005,673	27,996	27,533
26	10	98 696	48 749,526	1 352 890,524	27,752	27,289
27	11	98 645	47 420,250	1 304 140,997	27,502	27,039
28	12	98 591	46 126,214	1 256 720,748	27,245	26,782
29	13	98 536	44 866,403	1 210 594,534	26,982	26,519
30	14	98 475	43 638,709	1 165 728,131	26,713	26,250
31	15	98 411	42 443,006	1 122 089,422	26,438	25,975
32	16	98 338	41 276,599	1 079 646,416	26,156	25,694
33	17	98 261	40 140,492	1 038 369,817	25,868	25,406
34	18	98 176	39 032,273	998 229,324	25,574	25,112
35	19	98 081	37 950,902	959 197,051	25,275	24,812
36	20	97 985	36 899,103	921 246,148	24,967	24,504
37	21	97 883	35 874,037	884 347,045	24,651	24,189
38	22	97 771	34 873,943	848 473,008	24,330	23,867
39	23	97 651	33 898,820	813 599,065	24,001	23,538
40	24	97 525	32 948,870	779 700,245	23,664	23,201
41	25	97 386	32 021,573	746 751,375	23,320	22,857
42	26	97 238	31 117,061	714 729,801	22,969	22,506
43	27	97 080	30 234,921	683 612,741	22,610	22,147
44	28	96 909	29 374,083	653 377,820	22,243	21,781
45	29	96 712	28 529,790	624 003,737	21,872	21,409
46	30	96 498	27 704,662	595 473,947	21,494	21,031
47	31	96 257	26 895,886	567 769,284	21,110	20,647
48	32	95 999	26 105,862	540 873,399	20,718	20,256
49	33	95 711	25 331,014	514 767,536	20,322	19,859
50	34	95 392	24 570,948	489 436,522	19,919	19,456
51	35	95 037	23 824,162	464 865,574	19,512	19,050
52	36	94 646	23 091,175	441 041,413	19,100	18,637
53	37	94 211	22 369,847	417 950,237	18,684	18,221
54	38	93 724	21 658,588	395 580,390	18,264	17,802
55	39	93 169	20 954,208	373 921,803	17,845	17,382
56	40	92 563	20 260,625	352 967,595	17,421	16,959
57	41	91 890	19 575,046	332 706,969	16,996	16,534
58	42	91 148	18 897,451	313 131,923	16,570	16,107
59	43	90 333	18 227,190	294 234,472	16,143	15,680
60	44	89 445	17 564,854	276 007,282	15,714	15,251
61	45	88 479	16 910,257	258 442,428	15,283	14,820
62	46	87 421	16 260,818	241 532,170	14,854	14,391
63	47	86 272	15 617,598	225 271,353	14,424	13,961
64	48	85 036	14 981,788	209 653,754	13,994	13,531
65	49	83 690	14 350,092	194 671,966	13,566	13,103
66	50	82 255	13 726,618	180 321,874	13,137	12,674
67	51	80 740	13 113,049	166 595,256	12,705	12,242
68	52	79 117	12 505,569	153 482,207	12,273	11,810
69	53	77 418	11 909,582	140 976,638	11,837	11,374
70	54	75 590	11 317,141	129 067,056	11,405	10,942
71	55	73 691	10 737,493	117 749,915	10,966	10,503
72	56	71 642	10 159,551	107 012,422	10,533	10,070
73	57	69 516	9 594,302	96 852,871	10,095	9,632
74	58	67 253	9 033,513	87 258,569	9,659	9,197
75	59	64 879	8 481,397	78 225,055	9,223	8,760
76	60	62 403	7 939,332	69 743,658	8,785	8,322
77	61	59 766	7 400,364	61 804,326	8,352	7,889
78	62	57 008	6 869,913	54 403,962	7,919	7,456
79	63	54 082	6 342,885	47 534,049	7,494	7,031
80	64	51 006	5 822,023	41 191,164	7,075	6,612
81	65	47 768	5 306,546	35 369,141	6,665	6,202
82	66	44 330	4 792,740	30 062,595	6,273	5,810
83	67	40 749	4 287,668	25 269,854	5,894	5,431
84	68	37 074	3 796,625	20 982,187	5,527	5,064
85	69	33 311	3 319,981	17 185,562	5,176	4,714
86	70	29 480	2 859,464	13 865,581	4,849	4,386
87	71	25 682	2 424,425	11 006,117	4,540	4,077
88	72	21 984	2 019,774	8 581,692	4,249	3,786
89	73	18 438	1 648,618	6 561,918	3,980	3,517
90	74	15 141	1 317,582	4 913,299	3,729	3,266
91	75	12 171	1 030,770	3 595,717	3,488	3,026
92	76	9 560	788,019	2 564,947	3,255	2,792
93	77	7 246	581,268	1 776,928	3,057	2,594
94	78	5 352	417,821	1 195,660	2,862	2,399
95	79	3 799	288,692	777,839	2,694	2,232
96	80	2 612	193,185	489,146	2,532	2,069
97	81	1 706	122,758	295,962	2,411	1,948
98	82	1 083	75,878	173,204	2,283	1,820
99	83	658	44,868	97,326	2,169	1,706
100	84	383	25,382	52,458	2,067	1,604

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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17	0	99 449	62 706,097	1 859 454,781	29,653	29,191
18	1	99 123	60 827,705	1 796 748,684	29,538	29,076
19	2	99 060	59 162,356	1 735 920,979	29,342	28,879
20	3	99 009	57 548,888	1 676 758,623	29,136	28,673
21	4	98 956	55 978,690	1 619 209,735	28,925	28,463
22	5	98 906	54 453,188	1 563 231,044	28,708	28,245
23	6	98 853	52 967,042	1 508 777,856	28,485	28,022
24	7	98 803	51 523,763	1 455 810,814	28,255	27,792
25	8	98 752	50 118,641	1 404 287,051	28,019	27,556
26	9	98 702	48 752,509	1 354 168,410	27,776	27,314
27	10	98 650	47 423,024	1 305 415,901	27,527	27,064
28	11	98 599	46 129,781	1 257 992,877	27,271	26,808
29	12	98 544	44 869,926	1 211 863,097	27,008	26,546
30	13	98 484	43 642,821	1 166 993,170	26,740	26,277
31	14	98 420	42 446,920	1 123 350,350	26,465	26,002
32	15	98 350	41 281,622	1 080 903,430	26,184	25,721
33	16	98 276	40 146,404	1 039 621,807	25,896	25,433
34	17	98 190	39 037,589	999 475,404	25,603	25,140
35	18	98 101	37 958,381	960 437,815	25,302	24,840
36	19	98 003	36 905,554	922 479,434	24,996	24,533
37	20	97 901	35 880,671	885 573,880	24,681	24,218
38	21	97 787	34 879,695	849 693,210	24,361	23,898
39	22	97 667	33 904,340	814 813,515	24,033	23,570
40	23	97 542	32 954,801	780 909,174	23,696	23,234
41	24	97 404	32 027,336	747 954,374	23,354	22,891
42	25	97 256	31 122,981	715 927,038	23,003	22,540
43	26	97 098	30 240,612	684 804,057	22,645	22,182
44	27	96 930	29 380,405	654 563,445	22,279	21,816
45	28	96 735	28 536,515	625 183,039	21,908	21,445
46	29	96 523	27 711,833	596 646,525	21,530	21,068
47	30	96 287	26 904,418	568 934,692	21,147	20,684
48	31	96 029	26 114,062	542 030,274	20,756	20,293
49	32	95 744	25 339,696	515 916,211	20,360	19,897
50	33	95 427	24 579,805	490 576,515	19,959	19,496
51	34	95 075	23 833,838	465 996,711	19,552	19,089
52	35	94 685	23 100,696	442 162,872	19,141	18,678
53	36	94 254	22 380,108	419 062,177	18,725	18,262
54	37	93 768	21 668,873	396 682,068	18,307	17,844
55	38	93 225	20 966,856	375 013,195	17,886	17,423
56	39	92 618	20 272,812	354 046,339	17,464	17,001
57	40	91 953	19 588,478	333 773,527	17,039	16,576
58	41	91 216	18 911,451	314 185,049	16,613	16,151
59	42	90 405	18 241,669	295 273,598	16,187	15,724
60	43	89 526	17 580,819	277 031,928	15,758	15,295
61	44	88 565	16 926,686	259 451,110	15,328	14,865
62	45	87 522	16 279,576	242 524,424	14,897	14,435
63	46	86 377	15 636,636	226 244,848	14,469	14,006
64	47	85 152	15 002,346	210 608,212	14,038	13,576
65	48	83 824	14 373,004	195 605,866	13,609	13,146
66	49	82 399	13 750,655	181 232,862	13,180	12,717
67	50	80 889	13 137,395	167 482,207	12,749	12,286
68	51	79 287	12 532,422	154 344,812	12,316	11,853
69	52	77 599	11 937,431	141 812,390	11,880	11,417
70	53	75 785	11 346,274	129 874,958	11,446	10,984
71	54	73 904	10 768,601	118 528,684	11,007	10,544
72	55	71 875	10 192,631	107 760,084	10,572	10,110
73	56	69 766	9 628,744	97 567,453	10,133	9,670
74	57	67 518	9 069,102	87 938,709	9,697	9,234
75	58	65 163	8 518,448	78 869,607	9,259	8,796
76	59	62 698	7 976,874	70 351,160	8,819	8,357
77	60	60 083	7 439,615	62 374,286	8,384	7,921
78	61	57 334	6 909,198	54 934,671	7,951	7,488
79	62	54 416	6 382,036	48 025,473	7,525	7,062
80	63	51 352	5 861,582	41 643,437	7,104	6,642
81	64	48 128	5 346,499	35 781,855	6,693	6,230
82	65	44 686	4 831,247	30 435,357	6,300	5,837
83	66	41 109	4 325,569	25 604,109	5,919	5,456
84	67	37 429	3 832,970	21 278,540	5,551	5,089
85	68	33 664	3 355,094	17 445,570	5,200	4,737
86	69	29 824	2 892,890	14 090,476	4,871	4,408
87	70	26 010	2 455,360	11 197,586	4,560	4,098
88	71	22 289	2 047,833	8 742,226	4,269	3,806
89	72	18 715	1 673,408	6 694,393	4,000	3,538
90	73	15 393	1 339,573	5 020,986	3,748	3,285
91	74	12 392	1 049,497	3 681,413	3,508	3,045
92	75	9 748	803,471	2 631,916	3,276	2,813
93	76	7 406	594,080	1 828,446	3,078	2,615
94	77	5 482	428,006	1 234,366	2,884	2,421
95	78	3 907	296,840	806,359	2,716	2,254
96	79	2 697	199,450	509,519	2,555	2,092
97	80	1 770	127,403	310,069	2,434	1,971
98	81	1 132	79,260	182,666	2,305	1,842
99	82	692	47,199	103,406	2,191	1,728
100	83	406	26,908	56,207	2,089	1,626

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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18	0	99 422	61 011,064	1 798 148,185	29,472	29,010
19	1	99 085	59 177,029	1 737 137,121	29,355	28,892
20	2	99 021	57 556,038	1 677 960,092	29,154	28,691
21	3	98 966	55 984,464	1 620 404,054	28,944	28,481
22	4	98 916	54 458,399	1 564 419,590	28,727	28,264
23	5	98 861	52 971,761	1 509 961,191	28,505	28,042
24	6	98 812	51 528,321	1 456 989,430	28,276	27,813
25	7	98 756	50 120,970	1 405 461,109	28,041	27,579
26	8	98 709	48 755,906	1 355 340,139	27,798	27,336
27	9	98 656	47 425,925	1 306 584,233	27,550	27,087
28	10	98 605	46 132,479	1 259 158,308	27,294	26,832
29	11	98 551	44 873,396	1 213 025,829	27,032	26,569
30	12	98 492	43 646,248	1 168 152,433	26,764	26,301
31	13	98 429	42 450,920	1 124 506,185	26,490	26,027
32	14	98 359	41 285,429	1 082 055,265	26,209	25,746
33	15	98 288	40 151,289	1 040 769,836	25,921	25,458
34	16	98 204	39 043,338	1 000 618,547	25,628	25,166
35	17	98 114	37 963,550	961 575,210	25,329	24,866
36	18	98 022	36 912,826	923 611,660	25,021	24,559
37	19	97 918	35 886,943	886 698,834	24,708	24,245
38	20	97 805	34 886,145	850 811,890	24,388	23,925
39	21	97 683	33 909,932	815 925,745	24,062	23,599
40	22	97 558	32 960,167	782 015,814	23,726	23,263
41	23	97 421	32 033,101	749 055,647	23,384	22,921
42	24	97 274	31 128,582	717 022,546	23,034	22,571
43	25	97 116	30 246,365	685 893,963	22,677	22,214
44	26	96 948	29 385,936	655 647,598	22,312	21,849
45	27	96 756	28 542,656	626 261,662	21,941	21,478
46	28	96 545	27 718,365	597 719,006	21,564	21,101
47	29	96 312	26 911,382	570 000,641	21,181	20,718
48	30	96 059	26 122,346	543 089,259	20,790	20,327
49	31	95 774	25 347,655	516 966,913	20,395	19,932
50	32	95 459	24 588,229	491 619,257	19,994	19,531
51	33	95 109	23 842,429	467 031,028	19,588	19,125
52	34	94 723	23 110,078	443 188,599	19,177	18,714
53	35	94 293	22 389,336	420 078,520	18,762	18,300
54	36	93 811	21 678,813	397 689,185	18,345	17,882
55	37	93 270	20 976,813	376 010,372	17,925	17,462
56	38	92 674	20 285,049	355 033,559	17,502	17,039
57	39	92 008	19 600,261	334 748,510	17,079	16,616
58	40	91 279	18 924,427	315 148,249	16,653	16,190
59	41	90 472	18 255,183	296 223,822	16,227	15,764
60	42	89 597	17 594,785	277 968,639	15,798	15,336
61	43	88 646	16 942,070	260 373,854	15,368	14,906
62	44	87 607	16 295,392	243 431,784	14,939	14,476
63	45	86 477	15 654,674	227 136,392	14,509	14,046
64	46	85 256	15 020,634	211 481,718	14,079	13,617
65	47	83 939	14 392,726	196 461,084	13,650	13,187
66	48	82 531	13 772,609	182 068,358	13,220	12,757
67	49	81 031	13 160,401	168 295,749	12,788	12,325
68	50	79 434	12 555,690	155 135,348	12,356	11,893
69	51	77 766	11 963,065	142 579,658	11,918	11,455
70	52	75 962	11 372,807	130 616,593	11,485	11,022
71	53	74 094	10 796,322	119 243,787	11,045	10,582
72	54	72 083	10 222,159	108 447,465	10,609	10,146
73	55	69 993	9 660,095	98 225,305	10,168	9,705
74	56	67 760	9 101,658	88 565,210	9,731	9,268
75	57	65 419	8 552,007	79 463,552	9,292	8,829
76	58	62 972	8 011,720	70 911,545	8,851	8,388
77	59	60 367	7 474,794	62 899,825	8,415	7,952
78	60	57 638	6 945,844	55 425,031	7,980	7,517
79	61	54 727	6 418,531	48 479,187	7,553	7,090
80	62	51 669	5 897,761	42 060,657	7,132	6,669
81	63	48 455	5 382,827	36 162,895	6,718	6,255
82	64	45 022	4 867,622	30 780,068	6,323	5,861
83	65	41 439	4 360,323	25 912,446	5,943	5,480
84	66	37 760	3 866,852	21 552,124	5,574	5,111
85	67	33 986	3 387,213	17 685,272	5,221	4,758
86	68	30 140	2 923,486	14 298,059	4,891	4,428
87	69	26 314	2 484,062	11 374,573	4,579	4,116
88	70	22 574	2 073,963	8 890,511	4,287	3,824
89	71	18 975	1 696,655	6 816,549	4,018	3,555
90	72	15 625	1 359,715	5 119,894	3,765	3,303
91	73	12 598	1 067,013	3 760,179	3,524	3,061
92	74	9 925	818,068	2 693,166	3,292	2,829
93	75	7 551	605,729	1 875,099	3,096	2,633
94	76	5 603	437,440	1 269,369	2,902	2,439
95	77	4 002	304,076	831,929	2,736	2,273
96	78	2 773	205,079	527,853	2,574	2,111
97	79	1 828	131,535	322,774	2,454	1,991
98	80	1 174	82,259	191,239	2,325	1,862
99	81	723	49,303	108,979	2,210	1,748
100	82	427	28,305	59,677	2,108	1,645

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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19	0	99 384	59 355,412	1 738 429,807	29,288	28,826
20	1	99 046	57 570,312	1 679 074,394	29,166	28,703
21	2	98 978	55 991,420	1 621 504,082	28,960	28,497
22	3	98 926	54 464,015	1 565 512,663	28,744	28,281
23	4	98 871	52 976,830	1 511 048,647	28,523	28,060
24	5	98 821	51 532,912	1 458 071,817	28,294	27,831
25	6	98 765	50 125,404	1 406 538,905	28,060	27,598
26	7	98 713	48 758,171	1 356 413,501	27,819	27,356
27	8	98 663	47 429,230	1 307 655,330	27,571	27,108
28	9	98 611	46 135,301	1 260 226,100	27,316	26,853
29	10	98 557	44 876,021	1 214 090,798	27,054	26,592
30	11	98 500	43 649,623	1 169 214,777	26,786	26,324
31	12	98 437	42 454,253	1 125 565,154	26,512	26,050
32	13	98 369	41 289,319	1 083 110,901	26,232	25,769
33	14	98 297	40 154,991	1 041 821,582	25,945	25,482
34	15	98 216	39 048,089	1 001 666,590	25,652	25,189
35	16	98 128	37 969,141	962 618,502	25,353	24,890
36	17	98 035	36 917,853	924 649,361	25,046	24,583
37	18	97 938	35 894,015	887 731,508	24,732	24,269
38	19	97 822	34 892,244	851 837,493	24,413	23,951
39	20	97 701	33 916,202	816 945,249	24,087	23,624
40	21	97 574	32 965,603	783 029,047	23,753	23,290
41	22	97 437	32 038,317	750 063,444	23,411	22,949
42	23	97 291	31 134,185	718 025,127	23,062	22,599
43	24	97 134	30 251,809	686 890,942	22,706	22,243
44	25	96 967	29 391,527	656 639,133	22,341	21,878
45	26	96 774	28 548,029	627 247,606	21,972	21,509
46	27	96 566	27 724,331	598 699,577	21,595	21,132
47	28	96 335	26 917,725	570 975,247	21,212	20,749
48	29	96 084	26 129,108	544 057,522	20,822	20,359
49	30	95 804	25 355,696	517 928,414	20,427	19,964
50	31	95 489	24 595,952	492 572,718	20,027	19,564
51	32	95 142	23 850,601	467 976,765	19,621	19,158
52	33	94 757	23 118,409	444 126,164	19,211	18,748
53	34	94 331	22 398,429	421 007,755	18,796	18,333
54	35	93 850	21 687,751	398 609,326	18,379	17,917
55	36	93 312	20 986,435	376 921,575	17,960	17,497
56	37	92 718	20 294,682	355 935,140	17,538	17,076
57	38	92 064	19 612,092	335 640,457	17,114	16,651
58	39	91 333	18 935,810	316 028,365	16,689	16,227
59	40	90 534	18 267,709	297 092,555	16,263	15,800
60	41	89 663	17 607,819	278 824,846	15,835	15,372
61	42	88 716	16 955,529	261 217,027	15,406	14,943
62	43	87 687	16 310,202	244 261,498	14,976	14,513
63	44	86 561	15 669,883	227 951,296	14,547	14,084
64	45	85 354	15 037,961	212 281,413	14,116	13,654
65	46	84 041	14 410,271	197 243,452	13,688	13,225
66	47	82 644	13 791,508	182 833,181	13,257	12,794
67	48	81 160	13 181,412	169 041,673	12,824	12,361
68	49	79 573	12 577,677	155 860,261	12,392	11,929
69	50	77 910	11 985,276	143 282,584	11,955	11,492
70	51	76 125	11 397,227	131 297,308	11,520	11,057
71	52	74 268	10 821,568	119 900,080	11,080	10,617
72	53	72 269	10 248,474	109 078,512	10,643	10,181
73	54	70 196	9 688,081	98 830,038	10,201	9,738
74	55	67 981	9 131,293	89 141,957	9,762	9,299
75	56	65 654	8 582,707	80 010,664	9,322	8,859
76	57	63 220	8 043,283	71 427,957	8,880	8,418
77	58	60 631	7 507,447	63 384,674	8,443	7,980
78	59	57 910	6 978,688	55 877,226	8,007	7,544
79	60	55 017	6 452,574	48 898,539	7,578	7,115
80	61	51 965	5 931,487	42 445,965	7,156	6,693
81	62	48 754	5 416,051	36 514,477	6,742	6,279
82	63	45 328	4 900,696	31 098,426	6,346	5,883
83	64	41 751	4 393,151	26 197,730	5,963	5,500
84	65	38 063	3 897,920	21 804,579	5,594	5,131
85	66	34 286	3 417,154	17 906,659	5,240	4,777
86	67	30 428	2 951,473	14 489,505	4,909	4,446
87	68	26 592	2 510,334	11 538,032	4,596	4,133
88	69	22 838	2 098,207	9 027,698	4,303	3,840
89	70	19 217	1 718,303	6 929,491	4,033	3,570
90	71	15 842	1 378,604	5 211,188	3,780	3,317
91	72	12 788	1 083,057	3 832,584	3,539	3,076
92	73	10 090	831,721	2 749,527	3,306	2,843
93	74	7 688	616,734	1 917,806	3,110	2,647
94	75	5 713	446,018	1 301,072	2,917	2,454
95	76	4 090	310,778	855,055	2,751	2,289
96	77	2 841	210,078	544,276	2,591	2,128
97	78	1 879	135,248	334,198	2,471	2,008
98	79	1 212	84,927	198,950	2,343	1,880
99	80	751	51,168	114,023	2,228	1,766
100	81	446	29,567	62,855	2,126	1,663

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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20	0	99 344	57 743,852	1 680 268,695	29,099	28,636
21	1	99 003	56 005,306	1 622 524,842	28,971	28,508
22	2	98 938	54 470,782	1 566 519,537	28,759	28,296
23	3	98 881	52 982,294	1 512 048,755	28,539	28,076
24	4	98 830	51 537,843	1 459 066,461	28,311	27,848
25	5	98 774	50 129,869	1 407 528,617	28,078	27,615
26	6	98 722	48 762,485	1 357 398,748	27,837	27,374
27	7	98 668	47 431,434	1 308 636,263	27,590	27,127
28	8	98 618	46 138,517	1 261 204,830	27,335	26,872
29	9	98 563	44 878,766	1 215 066,313	27,074	26,612
30	10	98 506	43 652,177	1 170 187,547	26,807	26,344
31	11	98 445	42 457,536	1 126 535,370	26,533	26,070
32	12	98 376	41 292,561	1 084 077,834	26,254	25,791
33	13	98 306	40 158,775	1 042 785,272	25,967	25,504
34	14	98 225	39 051,689	1 002 626,497	25,674	25,212
35	15	98 140	37 973,761	963 574,808	25,375	24,912
36	16	98 050	36 923,290	925 601,047	25,068	24,605
37	17	97 951	35 898,903	888 677,757	24,755	24,292
38	18	97 842	34 899,119	852 778,854	24,436	23,973
39	19	97 718	33 922,131	817 879,734	24,111	23,648
40	20	97 592	32 971,699	783 957,603	23,777	23,314
41	21	97 453	32 043,601	750 985,904	23,436	22,974
42	22	97 307	31 139,255	718 942,303	23,088	22,625
43	23	97 151	30 257,254	687 803,048	22,732	22,269
44	24	96 984	29 396,816	657 545,794	22,368	21,905
45	25	96 792	28 553,461	628 148,978	21,999	21,536
46	26	96 584	27 729,549	599 595,517	21,623	21,160
47	27	96 356	26 923,518	571 865,968	21,240	20,778
48	28	96 107	26 135,266	544 942,450	20,851	20,388
49	29	95 829	25 362,259	518 807,183	20,456	19,993
50	30	95 520	24 603,755	493 444,924	20,056	19,593
51	31	95 172	23 858,093	468 841,169	19,651	19,188
52	32	94 790	23 126,333	444 983,076	19,241	18,779
53	33	94 365	22 406,503	421 856,744	18,827	18,365
54	34	93 888	21 696,560	399 450,241	18,411	17,948
55	35	93 351	20 995,088	377 753,681	17,992	17,530
56	36	92 761	20 303,992	356 758,593	17,571	17,108
57	37	92 107	19 621,405	336 454,601	17,147	16,685
58	38	91 389	18 947,240	316 833,196	16,722	16,259
59	39	90 589	18 278,697	297 885,956	16,297	15,834
60	40	89 725	17 619,901	279 607,258	15,869	15,406
61	41	88 782	16 968,090	261 987,358	15,440	14,977
62	42	87 756	16 323,159	245 019,268	15,011	14,548
63	43	86 639	15 684,125	228 696,109	14,581	14,119
64	44	85 437	15 052,571	213 011,984	14,151	13,688
65	45	84 138	14 426,894	197 959,413	13,722	13,259
66	46	82 745	13 808,320	183 532,519	13,291	12,829
67	47	81 272	13 199,500	169 724,199	12,858	12,396
68	48	79 700	12 597,759	156 524,699	12,425	11,962
69	49	78 047	12 006,263	143 926,941	11,988	11,525
70	50	76 266	11 418,388	131 920,677	11,553	11,091
71	51	74 427	10 844,806	120 502,289	11,112	10,649
72	52	72 438	10 272,439	109 657,484	10,675	10,212
73	53	70 377	9 713,021	99 385,045	10,232	9,769
74	54	68 178	9 157,747	89 672,024	9,792	9,329
75	55	65 868	8 610,652	80 514,276	9,351	8,888
76	56	63 447	8 072,157	71 903,624	8,908	8,445
77	57	60 870	7 537,023	63 831,467	8,469	8,006
78	58	58 163	7 009,174	56 294,444	8,032	7,569
79	59	55 277	6 483,086	49 285,270	7,602	7,139
80	60	52 241	5 962,947	42 802,184	7,178	6,715
81	61	49 033	5 447,023	36 839,237	6,763	6,300
82	62	45 608	4 930,944	31 392,214	6,366	5,904
83	63	42 035	4 423,001	26 461,270	5,983	5,520
84	64	38 350	3 927,267	22 038,268	5,612	5,149
85	65	34 562	3 444,609	18 111,001	5,258	4,795
86	66	30 697	2 977,562	14 666,392	4,926	4,463
87	67	26 847	2 534,366	11 688,830	4,612	4,149
88	68	23 079	2 120,398	9 154,464	4,317	3,855
89	69	19 442	1 738,390	7 034,066	4,046	3,583
90	70	16 044	1 396,195	5 295,676	3,793	3,330
91	71	12 966	1 098,103	3 899,482	3,551	3,088
92	72	10 242	844,227	2 801,379	3,318	2,855
93	73	7 816	627,027	1 957,152	3,121	2,658
94	74	5 817	454,121	1 330,125	2,929	2,466
95	75	4 170	316,872	876,004	2,765	2,302
96	76	2 903	214,709	559,132	2,604	2,141
97	77	1 925	138,545	344,423	2,486	2,023
98	78	1 247	87,324	205,879	2,358	1,895
99	79	775	52,828	118,555	2,244	1,781
100	80	463	30,686	65,727	2,142	1,679

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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21	0	99 301	56 174,128	1 623 628,500	28,903	28,441
22	1	98 963	54 484,291	1 567 454,372	28,769	28,306
23	2	98 893	52 988,877	1 512 970,081	28,553	28,090
24	3	98 841	51 543,159	1 459 981,204	28,325	27,863
25	4	98 783	50 134,667	1 408 438,045	28,093	27,630
26	5	98 731	48 766,829	1 358 303,379	27,853	27,390
27	6	98 677	47 435,630	1 309 536,550	27,607	27,144
28	7	98 622	46 140,660	1 262 100,920	27,353	26,891
29	8	98 570	44 881,894	1 215 960,260	27,092	26,630
30	9	98 512	43 654,847	1 171 078,366	26,826	26,363
31	10	98 450	42 460,020	1 127 423,519	26,553	26,090
32	11	98 384	41 295,755	1 084 963,499	26,273	25,810
33	12	98 314	40 161,929	1 043 667,744	25,986	25,524
34	13	98 234	39 055,369	1 003 505,815	25,694	25,232
35	14	98 149	37 977,263	964 450,446	25,395	24,933
36	15	98 062	36 927,783	926 473,183	25,089	24,626
37	16	97 965	35 904,190	889 545,401	24,776	24,313
38	17	97 855	34 903,872	853 641,211	24,457	23,994
39	18	97 737	33 928,816	818 737,339	24,131	23,668
40	19	97 609	32 977,463	784 808,523	23,798	23,336
41	20	97 471	32 049,526	751 831,060	23,458	22,996
42	21	97 323	31 144,391	719 781,534	23,111	22,648
43	22	97 167	30 262,181	688 637,143	22,756	22,293
44	23	97 002	29 402,108	658 374,962	22,392	21,929
45	24	96 810	28 558,599	628 972,855	22,024	21,561
46	25	96 603	27 734,825	600 414,255	21,648	21,186
47	26	96 374	26 928,586	572 679,430	21,267	20,804
48	27	96 128	26 140,891	545 750,844	20,877	20,414
49	28	95 852	25 368,237	519 609,953	20,483	20,020
50	29	95 544	24 610,123	494 241,715	20,083	19,620
51	30	95 202	23 865,661	469 631,592	19,678	19,215
52	31	94 820	23 133,596	445 765,931	19,269	18,806
53	32	94 397	22 414,183	422 632,334	18,856	18,393
54	33	93 922	21 704,380	400 218,152	18,440	17,977
55	34	93 389	21 003,616	378 513,771	18,021	17,559
56	35	92 799	20 312,363	357 510,156	17,601	17,138
57	36	92 150	19 630,406	337 197,792	17,177	16,714
58	37	91 432	18 956,238	317 567,387	16,753	16,290
59	38	90 643	18 289,731	298 611,149	16,327	15,864
60	39	89 779	17 630,499	280 321,418	15,900	15,437
61	40	88 843	16 979,733	262 690,919	15,471	15,008
62	41	87 821	16 335,251	245 711,186	15,042	14,579
63	42	86 708	15 696,584	229 375,935	14,613	14,150
64	43	85 515	15 066,252	213 679,350	14,183	13,720
65	44	84 220	14 440,910	198 613,098	13,754	13,291
66	45	82 840	13 824,248	184 172,188	13,322	12,860
67	46	81 371	13 215,590	170 347,940	12,890	12,427
68	47	79 809	12 615,045	157 132,350	12,456	11,993
69	48	78 171	12 025,433	144 517,305	12,018	11,555
70	49	76 400	11 438,383	132 491,872	11,583	11,120
71	50	74 565	10 864,940	121 053,489	11,142	10,679
72	51	72 593	10 294,497	110 188,549	10,704	10,241
73	52	70 541	9 735,734	99 894,051	10,261	9,798
74	53	68 353	9 181,322	90 158,317	9,820	9,357
75	54	66 059	8 635,598	80 976,995	9,377	8,914
76	55	63 653	8 098,440	72 341,398	8,933	8,470
77	56	61 088	7 564,080	64 242,958	8,493	8,030
78	57	58 393	7 036,787	56 678,878	8,055	7,592
79	58	55 519	6 511,407	49 642,091	7,624	7,161
80	59	52 488	5 991,144	43 130,684	7,199	6,736
81	60	49 293	5 475,913	37 139,540	6,782	6,320
82	61	45 869	4 959,142	31 663,627	6,385	5,922
83	62	42 294	4 450,302	26 704,486	6,001	5,538
84	63	38 610	3 953,952	22 254,184	5,628	5,166
85	64	34 822	3 470,543	18 300,232	5,273	4,810
86	65	30 944	3 001,485	14 829,688	4,941	4,478
87	66	27 084	2 556,768	11 828,203	4,626	4,163
88	67	23 300	2 140,696	9 271,435	4,331	3,868
89	68	19 647	1 756,776	7 130,738	4,059	3,596
90	69	16 231	1 412,516	5 373,962	3,805	3,342
91	70	13 131	1 112,114	3 961,447	3,562	3,099
92	71	10 384	855,955	2 849,333	3,329	2,866
93	72	7 934	636,455	1 993,377	3,132	2,669
94	73	5 914	461,700	1 356,922	2,939	2,476
95	74	4 246	322,629	895,222	2,775	2,312
96	75	2 960	218,919	572,593	2,616	2,153
97	76	1 967	141,598	353,675	2,498	2,035
98	77	1 277	89,453	212,076	2,371	1,908
99	78	797	54,319	122,624	2,257	1,795
100	79	478	31,681	68,305	2,156	1,693

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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22	0	99 261	54 648,529	1 568 474,521	28,701	28,238
23	1	98 918	53 002,018	1 513 825,993	28,562	28,099
24	2	98 853	51 549,563	1 460 823,975	28,338	27,875
25	3	98 794	50 139,838	1 409 274,412	28,107	27,644
26	4	98 740	48 771,496	1 359 134,575	27,867	27,405
27	5	98 685	47 439,856	1 310 363,079	27,622	27,159
28	6	98 631	46 144,742	1 262 923,223	27,369	26,906
29	7	98 574	44 883,979	1 216 778,481	27,109	26,647
30	8	98 518	43 657,889	1 171 894,502	26,843	26,380
31	9	98 456	42 462,618	1 128 236,613	26,570	26,107
32	10	98 390	41 298,170	1 085 773,995	26,291	25,828
33	11	98 322	40 165,035	1 044 475,825	26,005	25,542
34	12	98 242	39 058,436	1 004 310,790	25,713	25,250
35	13	98 159	37 980,841	965 252,354	25,414	24,951
36	14	98 071	36 931,188	927 271,513	25,108	24,645
37	15	97 977	35 908,559	890 340,325	24,795	24,332
38	16	97 869	34 909,012	854 431,766	24,476	24,013
39	17	97 751	33 933,436	819 522,754	24,151	23,688
40	18	97 628	32 983,961	785 589,318	23,817	23,354
41	19	97 488	32 055,129	752 605,356	23,478	23,016
42	20	97 341	31 150,150	720 550,227	23,132	22,669
43	21	97 183	30 267,172	689 400,078	22,777	22,314
44	22	97 017	29 406,895	659 132,906	22,414	21,951
45	23	96 827	28 563,740	629 726,010	22,046	21,584
46	24	96 620	27 739,817	601 162,271	21,671	21,209
47	25	96 392	26 933,710	573 422,454	21,290	20,827
48	26	96 146	26 145,812	546 488,744	20,902	20,439
49	27	95 872	25 373,697	520 342,932	20,507	20,044
50	28	95 567	24 615,924	494 969,235	20,108	19,645
51	29	95 227	23 871,838	470 353,311	19,703	19,240
52	30	94 850	23 140,935	446 481,473	19,294	18,831
53	31	94 427	22 421,223	423 340,538	18,881	18,418
54	32	93 954	21 711,820	400 919,315	18,465	18,003
55	33	93 422	21 011,187	379 207,495	18,048	17,585
56	34	92 837	20 320,613	358 196,309	17,627	17,164
57	35	92 188	19 638,499	337 875,695	17,205	16,742
58	36	91 474	18 964,934	318 237,196	16,780	16,317
59	37	90 686	18 298,416	299 272,262	16,355	15,892
60	38	89 833	17 641,141	280 973,846	15,927	15,464
61	39	88 896	16 989,946	263 332,705	15,499	15,037
62	40	87 881	16 346,460	246 342,759	15,070	14,607
63	41	86 772	15 708,212	229 996,299	14,642	14,179
64	42	85 583	15 078,221	214 288,086	14,212	13,749
65	43	84 296	14 454,035	199 209,866	13,782	13,319
66	44	82 921	13 837,679	184 755,830	13,352	12,889
67	45	81 465	13 230,835	170 918,151	12,918	12,455
68	46	79 907	12 630,423	157 687,316	12,485	12,022
69	47	78 279	12 041,934	145 056,894	12,046	11,583
70	48	76 522	11 456,646	133 014,960	11,610	11,147
71	49	74 696	10 883,966	121 558,315	11,169	10,706
72	50	72 728	10 313,611	110 674,348	10,731	10,268
73	51	70 693	9 756,640	100 360,738	10,286	9,824
74	52	68 513	9 202,792	90 604,098	9,845	9,382
75	53	66 229	8 657,828	81 401,306	9,402	8,939
76	54	63 838	8 121,902	72 743,478	8,956	8,494
77	55	61 287	7 588,709	64 621,576	8,515	8,053
78	56	58 602	7 062,048	57 032,868	8,076	7,613
79	57	55 737	6 537,059	49 970,820	7,644	7,181
80	58	52 717	6 017,316	43 433,761	7,218	6,755
81	59	49 526	5 501,807	37 416,446	6,801	6,338
82	60	46 112	4 985,445	31 914,639	6,402	5,939
83	61	42 536	4 475,750	26 929,194	6,017	5,554
84	62	38 849	3 978,357	22 453,444	5,644	5,181
85	63	35 059	3 494,125	18 475,087	5,287	4,825
86	64	31 177	3 024,083	14 980,962	4,954	4,491
87	65	27 301	2 577,311	11 956,879	4,639	4,176
88	66	23 506	2 159,619	9 379,568	4,343	3,880
89	67	19 835	1 773,593	7 219,949	4,071	3,608
90	68	16 403	1 427,455	5 446,355	3,815	3,353
91	69	13 284	1 125,114	4 018,900	3,572	3,109
92	70	10 517	866,877	2 893,786	3,338	2,875
93	71	8 044	645,297	2 026,909	3,141	2,678
94	72	6 003	468,642	1 381,612	2,948	2,485
95	73	4 317	328,014	912,970	2,783	2,321
96	74	3 014	222,896	584,957	2,624	2,162
97	75	2 006	144,375	362,061	2,508	2,045
98	76	1 305	91,424	217,686	2,381	1,918
99	77	816	55,643	126,261	2,269	1,806
100	78	491	32,575	70,618	2,168	1,705

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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23	0	99 216	53 161,787	1 514 769,201	28,494	28,031
24	1	98 877	51 562,347	1 461 607,414	28,346	27,884
25	2	98 806	50 146,067	1 410 045,067	28,119	27,656
26	3	98 750	48 776,526	1 359 899,000	27,880	27,417
27	4	98 695	47 444,395	1 311 122,474	27,635	27,172
28	5	98 640	46 148,853	1 263 678,079	27,383	26,920
29	6	98 583	44 887,950	1 217 529,226	27,124	26,661
30	7	98 523	43 659,918	1 172 641,276	26,859	26,396
31	8	98 463	42 465,577	1 128 981,358	26,586	26,123
32	9	98 396	41 300,697	1 086 515,781	26,307	25,845
33	10	98 327	40 167,384	1 045 215,084	26,021	25,559
34	11	98 250	39 061,457	1 005 047,700	25,730	25,267
35	12	98 166	37 983,824	965 986,244	25,432	24,969
36	13	98 080	36 934,668	928 002,420	25,126	24,663
37	14	97 986	35 911,870	891 067,752	24,813	24,350
38	15	97 881	34 913,260	855 155,882	24,494	24,031
39	16	97 765	33 938,434	820 242,622	24,169	23,706
40	17	97 642	32 988,453	786 304,188	23,836	23,373
41	18	97 508	32 061,446	753 315,735	23,496	23,033
42	19	97 358	31 155,595	721 254,289	23,150	22,687
43	20	97 201	30 272,769	690 098,694	22,796	22,333
44	21	97 033	29 411,745	659 825,925	22,434	21,971
45	22	96 843	28 568,391	630 414,180	22,067	21,604
46	23	96 638	27 744,810	601 845,789	21,692	21,229
47	24	96 410	26 938,557	574 100,980	21,311	20,849
48	25	96 164	26 150,786	547 162,423	20,923	20,461
49	26	95 890	25 378,473	521 011,636	20,530	20,067
50	27	95 588	24 621,222	495 633,163	20,130	19,668
51	28	95 249	23 877,465	471 011,941	19,726	19,263
52	29	94 874	23 146,925	447 134,476	19,317	18,854
53	30	94 457	22 428,336	423 987,551	18,904	18,441
54	31	93 983	21 718,639	401 559,215	18,489	18,026
55	32	93 454	21 018,388	379 840,576	18,072	17,609
56	33	92 870	20 327,938	358 822,188	17,652	17,189
57	34	92 225	19 646,476	338 494,250	17,229	16,766
58	35	91 512	18 972,753	318 847,774	16,806	16,343
59	36	90 728	18 306,810	299 875,021	16,381	15,918
60	37	89 876	17 649,519	281 568,212	15,953	15,490
61	38	88 950	17 000,201	263 918,693	15,524	15,062
62	39	87 934	16 356,293	246 918,491	15,096	14,633
63	40	86 832	15 718,991	230 562,199	14,668	14,205
64	41	85 646	15 089,391	214 843,208	14,238	13,775
65	42	84 363	14 465,517	199 753,817	13,809	13,346
66	43	82 996	13 850,256	185 288,300	13,378	12,915
67	44	81 544	13 243,689	171 438,044	12,945	12,482
68	45	79 999	12 644,993	158 194,355	12,510	12,048
69	46	78 374	12 056,613	145 549,362	12,072	11,609
70	47	76 627	11 472,366	133 492,749	11,636	11,173
71	48	74 815	10 901,344	122 020,383	11,193	10,730
72	49	72 856	10 331,671	111 119,039	10,755	10,292
73	50	70 824	9 774,754	100 787,368	10,311	9,848
74	51	68 660	9 222,553	91 012,614	9,868	9,406
75	52	66 384	8 678,074	81 790,062	9,425	8,962
76	53	64 002	8 142,810	73 111,987	8,979	8,516
77	54	61 465	7 610,693	64 969,178	8,537	8,074
78	55	58 793	7 085,042	57 358,484	8,096	7,633
79	56	55 938	6 560,526	50 273,442	7,663	7,200
80	57	52 925	6 041,021	43 712,917	7,236	6,773
81	58	49 742	5 525,841	37 671,895	6,817	6,355
82	59	46 330	5 009,019	32 146,054	6,418	5,955
83	60	42 762	4 499,489	27 137,036	6,031	5,568
84	61	39 071	4 001,107	22 637,546	5,658	5,195
85	62	35 275	3 515,692	18 636,439	5,301	4,838
86	63	31 389	3 044,631	15 120,748	4,966	4,504
87	64	27 507	2 596,715	12 076,116	4,651	4,188
88	65	23 695	2 176,971	9 479,401	4,354	3,892
89	66	20 011	1 789,271	7 302,431	4,081	3,618
90	67	16 560	1 441,120	5 513,160	3,826	3,363
91	68	13 425	1 137,014	4 072,039	3,581	3,119
92	69	10 640	877,010	2 935,026	3,347	2,884
93	70	8 147	653,530	2 058,015	3,149	2,686
94	71	6 086	475,153	1 404,485	2,956	2,493
95	72	4 382	332,946	929,332	2,791	2,328
96	73	3 064	226,616	596,386	2,632	2,169
97	74	2 042	146,998	369,770	2,515	2,053
98	75	1 331	93,217	222,772	2,390	1,927
99	76	834	56,870	129,555	2,278	1,815
100	77	503	33,369	72,686	2,178	1,715

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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24	0	99 175	51 717,777	1 462 479,756	28,278	27,815
25	1	98 830	50 158,503	1 410 761,980	28,126	27,663
26	2	98 763	48 782,586	1 360 603,477	27,891	27,428
27	3	98 705	47 449,289	1 311 820,891	27,647	27,184
28	4	98 649	46 153,269	1 264 371,602	27,395	26,932
29	5	98 592	44 891,949	1 218 218,333	27,137	26,674
30	6	98 532	43 663,780	1 173 326,384	26,872	26,409
31	7	98 468	42 467,550	1 129 662,604	26,601	26,138
32	8	98 403	41 303,575	1 087 195,054	26,322	25,859
33	9	98 333	40 169,841	1 045 891,479	26,037	25,574
34	10	98 255	39 063,742	1 005 721,638	25,746	25,283
35	11	98 174	37 986,761	966 657,896	25,447	24,984
36	12	98 088	36 937,568	928 671,135	25,142	24,679
37	13	97 996	35 915,254	891 733,567	24,829	24,366
38	14	97 890	34 916,479	855 818,313	24,510	24,048
39	15	97 777	33 942,563	820 901,833	24,185	23,722
40	16	97 656	32 993,311	786 959,270	23,852	23,389
41	17	97 521	32 065,812	753 965,959	23,513	23,050
42	18	97 377	31 161,735	721 900,147	23,166	22,703
43	19	97 218	30 278,061	690 738,412	22,813	22,350
44	20	97 051	29 417,184	660 460,351	22,452	21,989
45	21	96 859	28 573,103	631 043,167	22,085	21,622
46	22	96 653	27 749,328	602 470,064	21,711	21,248
47	23	96 427	26 943,406	574 720,737	21,331	20,868
48	24	96 181	26 155,493	547 777,331	20,943	20,480
49	25	95 909	25 383,302	521 621,838	20,550	20,087
50	26	95 605	24 625,856	496 238,536	20,151	19,688
51	27	95 270	23 882,604	471 612,680	19,747	19,284
52	28	94 897	23 152,381	447 730,076	19,338	18,876
53	29	94 481	22 434,141	424 577,695	18,926	18,463
54	30	94 013	21 725,529	402 143,554	18,510	18,047
55	31	93 484	21 024,990	380 418,025	18,094	17,631
56	32	92 902	20 334,905	359 393,035	17,674	17,211
57	33	92 258	19 653,558	339 058,130	17,252	16,789
58	34	91 549	18 980,459	319 404,572	16,828	16,365
59	35	90 765	18 314,358	300 424,114	16,404	15,941
60	36	89 917	17 657,615	282 109,756	15,977	15,514
61	37	88 992	17 008,275	264 452,141	15,548	15,086
62	38	87 987	16 366,165	247 443,866	15,119	14,656
63	39	86 884	15 728,446	231 077,701	14,692	14,229
64	40	85 705	15 099,745	215 349,255	14,262	13,799
65	41	84 426	14 476,234	200 249,510	13,833	13,370
66	42	83 062	13 861,258	185 773,277	13,402	12,940
67	43	81 618	13 255,726	171 912,018	12,969	12,506
68	44	80 076	12 657,278	158 656,292	12,535	12,072
69	45	78 464	12 070,521	145 999,015	12,096	11,633
70	46	76 720	11 486,351	133 928,494	11,660	11,197
71	47	74 918	10 916,302	122 442,143	11,216	10,754
72	48	72 972	10 348,167	111 525,841	10,777	10,315
73	49	70 948	9 791,871	101 177,674	10,333	9,870
74	50	68 788	9 239,676	91 385,803	9,891	9,428
75	51	66 526	8 696,708	82 146,127	9,446	8,983
76	52	64 152	8 161,851	73 449,419	8,999	8,536
77	53	61 623	7 630,286	65 287,568	8,556	8,094
78	54	58 963	7 105,568	57 657,282	8,114	7,652
79	55	56 120	6 581,887	50 551,715	7,680	7,218
80	56	53 114	6 062,708	43 969,828	7,253	6,790
81	57	49 938	5 547,610	37 907,120	6,833	6,370
82	58	46 532	5 030,900	32 359,510	6,432	5,969
83	59	42 964	4 520,766	27 328,610	6,045	5,582
84	60	39 278	4 022,329	22 807,844	5,670	5,207
85	61	35 477	3 535,796	18 785,515	5,313	4,850
86	62	31 582	3 063,424	15 249,720	4,978	4,515
87	63	27 694	2 614,359	12 186,296	4,661	4,198
88	64	23 873	2 193,361	9 571,937	4,364	3,901
89	65	20 171	1 803,647	7 378,576	4,091	3,628
90	66	16 707	1 453,859	5 574,929	3,835	3,372
91	67	13 553	1 147,899	4 121,070	3,590	3,127
92	68	10 752	886,286	2 973,171	3,355	2,892
93	69	8 242	661,170	2 086,885	3,156	2,694
94	70	6 164	481,215	1 425,715	2,963	2,500
95	71	4 443	337,571	944,500	2,798	2,335
96	72	3 110	230,024	606,929	2,639	2,176
97	73	2 077	149,451	376,905	2,522	2,059
98	74	1 355	94,910	227,454	2,397	1,934
99	75	851	57,985	132,544	2,286	1,823
100	76	514	34,105	74,559	2,186	1,723

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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25	0	99 128	50 309,701	1 411 569,054	28,058	27,595
26	1	98 787	48 794,684	1 361 259,353	27,898	27,435
27	2	98 717	47 455,184	1 312 464,669	27,657	27,194
28	3	98 659	46 158,029	1 265 009,485	27,406	26,943
29	4	98 601	44 896,245	1 218 851,455	27,148	26,685
30	5	98 541	43 667,670	1 173 955,211	26,884	26,421
31	6	98 476	42 471,307	1 130 287,540	26,613	26,150
32	7	98 407	41 305,494	1 087 816,234	26,336	25,873
33	8	98 340	40 172,641	1 046 510,740	26,050	25,588
34	9	98 261	39 066,131	1 006 338,099	25,760	25,297
35	10	98 180	37 988,983	967 271,968	25,462	24,999
36	11	98 095	36 940,425	929 282,984	25,156	24,693
37	12	98 003	35 918,074	892 342,560	24,844	24,381
38	13	97 900	34 919,769	856 424,485	24,525	24,063
39	14	97 786	33 945,693	821 504,716	24,201	23,738
40	15	97 668	32 997,326	787 559,023	23,867	23,405
41	16	97 535	32 070,534	754 561,697	23,528	23,065
42	17	97 391	31 165,978	722 491,162	23,182	22,719
43	18	97 237	30 284,027	691 325,184	22,828	22,365
44	19	97 068	29 422,327	661 041,156	22,467	22,005
45	20	96 877	28 578,386	631 618,830	22,101	21,638
46	21	96 669	27 753,904	603 040,444	21,728	21,265
47	22	96 443	26 947,793	575 286,540	21,348	20,885
48	23	96 199	26 160,201	548 338,747	20,961	20,498
49	24	95 926	25 387,870	522 178,546	20,568	20,105
50	25	95 624	24 630,542	496 790,676	20,170	19,707
51	26	95 288	23 887,100	472 160,134	19,766	19,304
52	27	94 917	23 157,364	448 273,034	19,358	18,895
53	28	94 504	22 439,429	425 115,671	18,945	18,482
54	29	94 038	21 731,152	402 676,242	18,530	18,067
55	30	93 513	21 031,660	380 945,090	18,113	17,650
56	31	92 931	20 341,293	359 913,430	17,694	17,231
57	32	92 290	19 660,294	339 572,138	17,272	16,809
58	33	91 582	18 987,300	319 911,844	16,849	16,386
59	34	90 802	18 321,796	300 924,543	16,424	15,962
60	35	89 954	17 664,895	282 602,747	15,998	15,535
61	36	89 033	17 016,077	264 937,852	15,570	15,107
62	37	88 029	16 373,938	247 921,775	15,141	14,678
63	38	86 937	15 737,940	231 547,838	14,713	14,250
64	39	85 757	15 108,827	215 809,898	14,284	13,821
65	40	84 484	14 486,167	200 701,071	13,855	13,392
66	41	83 124	13 871,527	186 214,904	13,424	12,961
67	42	81 683	13 266,256	172 343,377	12,991	12,528
68	43	80 149	12 668,782	159 077,121	12,557	12,094
69	44	78 541	12 082,248	146 408,339	12,118	11,655
70	45	76 809	11 499,601	134 326,091	11,681	11,218
71	46	75 009	10 929,609	122 826,490	11,238	10,775
72	47	73 072	10 362,366	111 896,881	10,798	10,336
73	48	71 061	9 807,505	101 534,515	10,353	9,890
74	49	68 908	9 255,856	91 727,010	9,910	9,447
75	50	66 650	8 712,855	82 471,155	9,465	9,003
76	51	64 289	8 179,377	73 758,299	9,018	8,555
77	52	61 767	7 648,128	65 578,922	8,575	8,112
78	53	59 115	7 123,859	57 930,794	8,132	7,669
79	54	56 282	6 600,955	50 806,935	7,697	7,234
80	55	53 287	6 082,448	44 205,980	7,268	6,805
81	56	50 118	5 567,525	38 123,532	6,847	6,385
82	57	46 716	5 050,720	32 556,007	6,446	5,983
83	58	43 152	4 540,514	27 505,287	6,058	5,595
84	59	39 464	4 041,349	22 964,773	5,682	5,220
85	60	35 665	3 554,549	18 923,424	5,324	4,861
86	61	31 763	3 080,942	15 368,875	4,988	4,526
87	62	27 865	2 630,496	12 287,933	4,671	4,209
88	63	24 035	2 208,264	9 657,437	4,373	3,910
89	64	20 323	1 817,226	7 449,173	4,099	3,636
90	65	16 841	1 465,540	5 631,946	3,843	3,380
91	66	13 673	1 158,045	4 166,406	3,598	3,135
92	67	10 855	894,770	3 008,361	3,362	2,899
93	68	8 329	668,163	2 113,591	3,163	2,700
94	69	6 236	486,841	1 445,428	2,969	2,506
95	70	4 499	341,878	958,587	2,804	2,341
96	71	3 154	233,219	616,709	2,644	2,182
97	72	2 108	151,698	383,490	2,528	2,065
98	73	1 378	96,495	231,791	2,402	1,939
99	74	866	59,038	135,297	2,292	1,829
100	75	524	34,774	76,259	2,193	1,730

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	2 997 354,931	29,974	29,510
1	1	99 344	96 450,786	2 897 354,931	30,040	29,576
2	2	99 292	93 592,445	2 800 904,145	29,927	29,463
3	3	99 264	90 840,980	2 707 311,700	29,803	29,340
4	4	99 243	88 176,424	2 616 470,720	29,673	29,210
5	5	99 223	85 590,868	2 528 294,296	29,539	29,076
6	6	99 204	83 082,181	2 442 703,428	29,401	28,938
7	7	99 187	80 647,844	2 359 621,247	29,258	28,795
8	8	99 174	78 288,496	2 278 973,403	29,110	28,647
9	9	99 158	75 996,452	2 200 684,908	28,958	28,495
10	10	99 144	73 772,547	2 124 688,455	28,801	28,337
11	11	99 130	71 613,967	2 050 915,909	28,638	28,175
12	12	99 115	69 517,366	1 979 301,941	28,472	28,009
13	13	99 101	67 482,643	1 909 784,575	28,300	27,837
14	14	99 082	65 504,675	1 842 301,932	28,125	27,662
15	15	99 059	63 582,281	1 776 797,257	27,945	27,482
16	16	99 031	61 712,992	1 713 214,976	27,761	27,298
17	17	98 992	59 891,879	1 651 501,984	27,575	27,111
18	18	98 951	58 123,563	1 591 610,105	27,383	26,920
19	19	98 894	56 397,908	1 533 486,542	27,190	26,727
20	20	98 837	54 723,909	1 477 088,634	26,992	26,528
21	21	98 777	53 097,247	1 422 364,725	26,788	26,325
22	22	98 720	51 521,337	1 369 267,479	26,577	26,113
23	23	98 659	49 989,882	1 317 746,142	26,360	25,897
24	24	98 601	48 505,259	1 267 756,259	26,136	25,673
25	25	98 537	47 061,653	1 219 251,000	25,908	25,444
26	26	98 475	45 662,228	1 172 189,348	25,671	25,208
27	27	98 411	44 303,579	1 126 527,119	25,427	24,964
28	28	98 344	42 984,067	1 082 223,541	25,177	24,714
29	29	98 274	41 702,041	1 039 239,474	24,921	24,457
30	30	98 197	40 455,826	997 537,433	24,657	24,194
31	31	98 111	39 243,002	957 081,607	24,389	23,925
32	32	98 019	38 064,581	917 838,605	24,113	23,649
33	33	97 924	36 919,820	879 774,023	23,829	23,366
34	34	97 817	35 805,352	842 854,203	23,540	23,077
35	35	97 702	34 721,624	807 048,851	23,243	22,780
36	36	97 583	33 669,389	772 327,227	22,939	22,475
37	37	97 455	32 645,657	738 657,838	22,627	22,163
38	38	97 313	31 648,727	706 012,181	22,308	21,845
39	39	97 150	30 675,597	674 363,454	21,984	21,520
40	40	96 984	29 731,073	643 687,856	21,650	21,187
41	41	96 797	28 809,624	613 956,783	21,311	20,848
42	42	96 597	27 912,524	585 147,159	20,964	20,500
43	43	96 381	27 039,014	557 234,635	20,609	20,145
44	44	96 145	26 187,248	530 195,621	20,246	19,783
45	45	95 879	25 354,168	504 008,372	19,879	19,415
46	46	95 581	24 539,174	478 654,205	19,506	19,042
47	47	95 257	23 743,581	454 115,030	19,126	18,663
48	48	94 901	22 965,921	430 371,450	18,740	18,276
49	49	94 498	22 202,353	407 405,528	18,350	17,886
50	50	94 053	21 454,066	385 203,175	17,955	17,492
51	51	93 566	20 721,477	363 749,109	17,554	17,091
52	52	93 020	20 000,516	343 027,631	17,151	16,688
53	53	92 419	19 292,458	323 027,115	16,744	16,280
54	54	91 749	18 594,689	303 734,657	16,334	15,871
55	55	90 997	17 905,249	285 139,968	15,925	15,462
56	56	90 166	17 224,870	267 234,719	15,514	15,051
57	57	89 251	16 553,589	250 009,849	15,103	14,640
58	58	88 249	15 891,000	233 456,261	14,691	14,228
59	59	87 149	15 235,760	217 565,261	14,280	13,817
60	60	85 963	14 590,808	202 329,500	13,867	13,404
61	61	84 669	13 952,562	187 738,692	13,455	12,992
62	62	83 277	13 323,399	173 786,131	13,044	12,580
63	63	81 777	12 702,471	160 462,732	12,632	12,169
64	64	80 171	12 090,293	147 760,261	12,221	11,758
65	65	78 438	11 484,386	135 669,968	11,813	11,350
66	66	76 613	10 890,447	124 185,582	11,403	10,940
67	67	74 681	10 306,564	113 295,135	10,993	10,529
68	68	72 641	9 733,121	102 988,571	10,581	10,118
69	69	70 502	9 171,387	93 255,450	10,168	9,705
70	70	68 217	8 615,670	84 084,063	9,759	9,296
71	71	65 856	8 075,137	75 468,393	9,346	8,883
72	72	63 353	7 541,993	67 393,256	8,936	8,473
73	73	60 780	7 024,967	59 851,263	8,520	8,057
74	74	58 064	6 515,551	52 826,296	8,108	7,645
75	75	55 255	6 019,776	46 310,745	7,693	7,230
76	76	52 370	5 539,325	40 290,969	7,274	6,810
77	77	49 336	5 066,400	34 751,644	6,859	6,396
78	78	46 202	4 606,372	29 685,244	6,444	5,981
79	79	42 891	4 151,685	25 078,872	6,041	5,577
80	80	39 447	3 707,106	20 927,187	5,645	5,182
81	81	35 864	3 272,233	17 220,080	5,262	4,799
82	82	32 118	2 845,091	13 947,847	4,902	4,439
83	83	28 314	2 435,048	11 102,756	4,560	4,096
84	84	24 532	2 048,382	8 667,709	4,231	3,768
85	85	20 824	1 688,101	6 619,327	3,921	3,458
86	86	17 225	1 355,666	4 931,226	3,637	3,174
87	87	13 872	1 060,017	3 575,560	3,373	2,910
88	88	10 836	803,919	2 515,542	3,129	2,666
89	89	8 172	588,560	1 711,623	2,908	2,445
90	90	5 939	415,280	1 123,064	2,704	2,241
91	91	4 144	281,317	707,784	2,516	2,053
92	92	2 762	182,080	426,467	2,342	1,879
93	93	1 739	111,260	244,387	2,197	1,733
94	94	1 041	64,647	133,127	2,059	1,596
95	95	585	35,271	68,481	1,942	1,478
96	96	310	18,164	33,210	1,828	1,365
97	97	150	8,536	15,045	1,762	1,299
98	98	70	3,854	6,509	1,689	1,226
99	99	31	1,643	2,655	1,616	1,153
100	100	13	0,652	1,012	1,553	1,090

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 699	99 699,466	2 992 327,179	30,013	29,550	50	51	93 878	21 414,308	381 154,805	17,799	17,336
1	2	99 320	96 426,872	2 892 627,713	29,998	29,535	51	52	93 366	20 677,078	359 740,497	17,398	16,935
2	3	99 280	93 580,819	2 796 200,841	29,880	29,417	52	53	92 803	19 953,855	339 063,419	16,992	16,529
3	4	99 254	90 831,612	2 702 620,023	29,754	29,291	53	54	92 182	19 242,922	319 109,564	16,583	16,120
4	5	99 234	88 167,987	2 611 788,411	29,623	29,160	54	55	91 483	18 540,975	299 866,642	16,173	15,710
5	6	99 214	85 583,243	2 523 620,424	29,487	29,024	55	56	90 702	17 847,138	281 325,668	15,763	15,300
6	7	99 196	83 074,831	2 438 037,180	29,347	28,884	56	57	89 843	17 163,257	263 478,529	15,351	14,888
7	8	99 182	80 644,097	2 354 962,349	29,202	28,739	57	58	88 901	16 488,630	246 315,272	14,938	14,475
8	9	99 167	78 283,040	2 274 318,252	29,053	28,589	58	59	87 865	15 821,884	229 826,642	14,526	14,063
9	10	99 152	75 991,803	2 196 035,212	28,898	28,435	59	60	86 738	15 164,055	214 004,759	14,113	13,649
10	11	99 138	73 768,231	2 120 043,408	28,739	28,276	60	61	85 510	14 513,827	198 840,703	13,700	13,237
11	12	99 123	71 608,430	2 046 275,177	28,576	28,113	61	62	84 188	13 873,229	184 326,876	13,287	12,823
12	13	99 107	69 511,908	1 974 666,747	28,408	27,944	62	63	82 766	13 241,667	170 453,647	12,873	12,409
13	14	99 091	67 476,285	1 905 154,840	28,234	27,771	63	64	81 226	12 616,744	157 211,980	12,461	11,997
14	15	99 073	65 498,635	1 837 678,554	28,057	27,594	64	65	79 572	11 999,946	144 595,236	12,050	11,586
15	16	99 047	63 574,545	1 772 179,919	27,876	27,412	65	66	77 813	11 392,850	132 595,290	11,638	11,175
16	17	99 017	61 703,905	1 708 605,374	27,690	27,227	66	67	75 942	10 795,023	121 202,440	11,228	10,764
17	18	98 979	59 883,723	1 646 901,469	27,502	27,038	67	68	73 972	10 208,835	110 407,416	10,815	10,352
18	19	98 932	58 112,112	1 587 017,746	27,310	26,846	68	69	71 881	9 631,257	100 198,581	10,403	9,940
19	20	98 877	56 388,050	1 528 905,634	27,114	26,651	69	70	69 688	9 065,415	90 567,324	9,990	9,527
20	21	98 819	54 713,792	1 472 517,584	26,913	26,450	70	71	67 358	8 507,123	81 501,909	9,580	9,117
21	22	98 760	53 088,491	1 417 803,792	26,706	26,243	71	72	64 953	7 964,493	72 994,785	9,165	8,702
22	23	98 704	51 512,948	1 364 715,301	26,493	26,029	72	73	62 414	7 430,269	65 030,292	8,752	8,289
23	24	98 642	49 980,886	1 313 202,353	26,274	25,811	73	74	59 782	6 909,644	57 600,023	8,336	7,873
24	25	98 583	48 496,531	1 263 221,467	26,048	25,584	74	75	57 028	6 399,293	50 690,380	7,921	7,458
25	26	98 518	47 052,700	1 214 724,935	25,816	25,353	75	76	54 192	5 904,008	44 291,087	7,502	7,039
26	27	98 456	45 653,635	1 167 672,235	25,577	25,114	76	77	51 241	5 419,864	38 387,079	7,083	6,619
27	28	98 390	44 294,045	1 122 018,600	25,331	24,868	77	78	48 162	4 945,838	32 967,215	6,666	6,202
28	29	98 321	42 973,938	1 077 724,555	25,079	24,615	78	79	44 934	4 479,936	28 021,377	6,255	5,792
29	30	98 248	41 691,249	1 034 750,617	24,819	24,356	79	80	41 544	4 021,262	23 541,441	5,854	5,391
30	31	98 166	40 442,997	993 059,367	24,555	24,091	80	81	38 009	3 571,939	19 520,179	5,465	5,002
31	32	98 080	39 230,680	952 616,371	24,282	23,819	81	82	34 334	3 132,595	15 948,239	5,091	4,628
32	33	97 986	38 051,539	913 385,691	24,004	23,541	82	83	30 532	2 704,603	12 815,645	4,738	4,275
33	34	97 888	36 906,516	875 334,151	23,718	23,254	83	84	26 708	2 296,953	10 111,042	4,402	3,939
34	35	97 777	35 790,815	838 427,635	23,426	22,963	84	85	22 934	1 914,903	7 814,089	4,081	3,617
35	36	97 662	34 707,314	802 636,820	23,126	22,663	85	86	19 239	1 559,595	5 899,186	3,783	3,319
36	37	97 539	33 653,951	767 929,505	22,818	22,355	86	87	15 723	1 237,479	4 339,591	3,507	3,044
37	38	97 408	32 630,161	734 275,554	22,503	22,040	87	88	12 486	954,073	3 102,112	3,251	2,788
38	39	97 254	31 629,635	701 645,393	22,183	21,720	88	89	9 599	712,110	2 148,039	3,016	2,553
39	40	97 092	30 657,157	670 015,757	21,855	21,392	89	90	7 113	512,331	1 435,929	2,803	2,340
40	41	96 917	29 710,687	639 358,600	21,519	21,056	90	91	5 063	354,036	923,598	2,609	2,146
41	42	96 726	28 788,297	609 647,914	21,177	20,714	91	92	3 449	234,158	569,562	2,432	1,969
42	43	96 520	27 890,368	580 859,616	20,827	20,363	92	93	2 244	147,940	335,404	2,267	1,804
43	44	96 293	27 014,461	552 969,248	20,469	20,006	93	94	1 375	88,009	187,464	2,130	1,667
44	45	96 052	26 161,832	525 954,787	20,104	19,641	94	95	801	49,767	99,455	1,998	1,535
45	46	95 769	25 324,954	499 792,955	19,735	19,272	95	96	437	26,355	49,688	1,885	1,422
46	47	95 465	24 509,298	474 468,002	19,359	18,895	96	97	222	12,976	23,332	1,798	1,335
47	48	95 126	23 711,045	449 958,704	18,977	18,514	97	98	105	5,984	10,357	1,731	1,268
48	49	94 750	22 929,313	426 247,659	18,590	18,126	98	99	48	2,647	4,373	1,652	1,188
49	50	94 333	22 163,542	403 318,346	18,197	17,734	99	100	20	1,089	1,725	1,584	1,121

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 675	99 674,746	2 987 229,695	29,970	29,507
1	3	99 307	96 414,894	2 887 554,949	29,949	29,486
2	4	99 270	93 571,168	2 791 140,055	29,829	29,366
3	5	99 245	90 822,921	2 697 568,888	29,701	29,238
4	6	99 225	88 160,133	2 606 745,967	29,568	29,105
5	7	99 206	85 575,673	2 518 585,834	29,431	28,968
6	8	99 191	83 070,972	2 433 010,161	29,288	28,825
7	9	99 175	80 638,478	2 349 939,189	29,142	28,678
8	10	99 161	78 278,252	2 269 300,712	28,990	28,527
9	11	99 146	75 987,358	2 191 022,460	28,834	28,371
10	12	99 131	73 762,527	2 115 035,102	28,674	28,210
11	13	99 115	71 602,807	2 041 272,575	28,508	28,045
12	14	99 098	69 505,359	1 969 669,768	28,338	27,875
13	15	99 082	67 470,064	1 900 164,410	28,163	27,700
14	16	99 061	65 490,666	1 832 694,346	27,984	27,521
15	17	99 032	63 565,184	1 767 203,680	27,801	27,338
16	18	99 003	61 695,503	1 703 638,496	27,614	27,150
17	19	98 959	59 871,925	1 641 942,993	27,424	26,961
18	20	98 915	58 101,955	1 582 071,067	27,229	26,766
19	21	98 859	56 377,625	1 523 969,113	27,031	26,568
20	22	98 803	54 704,769	1 467 591,488	26,827	26,364
21	23	98 744	53 079,848	1 412 886,719	26,618	26,155
22	24	98 686	51 503,678	1 359 806,871	26,402	25,939
23	25	98 624	49 971,893	1 308 303,193	26,181	25,718
24	26	98 565	48 487,306	1 258 331,300	25,952	25,489
25	27	98 499	47 043,845	1 209 843,994	25,717	25,254
26	28	98 435	45 643,811	1 162 800,149	25,476	25,012
27	29	98 367	44 283,608	1 117 156,338	25,227	24,764
28	30	98 296	42 962,818	1 072 872,730	24,972	24,509
29	31	98 217	41 678,028	1 029 909,913	24,711	24,248
30	32	98 135	40 430,298	988 231,885	24,443	23,980
31	33	98 046	39 217,238	947 801,587	24,168	23,705
32	34	97 951	38 037,828	908 584,349	23,886	23,423
33	35	97 849	36 891,533	870 546,520	23,597	23,134
34	36	97 737	35 776,065	833 654,988	23,302	22,839
35	37	97 617	34 691,401	797 878,923	22,999	22,536
36	38	97 492	33 637,977	763 187,522	22,688	22,225
37	39	97 350	32 610,477	729 549,545	22,372	21,908
38	40	97 196	31 610,621	696 939,068	22,048	21,584
39	41	97 025	30 636,135	665 328,446	21,717	21,254
40	42	96 846	29 688,693	634 692,311	21,378	20,915
41	43	96 649	28 765,446	605 003,618	21,032	20,569
42	44	96 432	27 865,042	576 238,171	20,680	20,216
43	45	96 200	26 988,242	548 373,130	20,319	19,856
44	46	95 941	26 131,687	521 384,888	19,952	19,489
45	47	95 652	25 294,120	495 253,201	19,580	19,117
46	48	95 334	24 475,713	469 959,081	19,201	18,738
47	49	94 975	23 673,248	445 483,368	18,818	18,355
48	50	94 584	22 889,231	421 810,120	18,428	17,965
49	51	94 158	22 122,468	398 920,890	18,032	17,569
50	52	93 677	21 368,423	376 798,421	17,633	17,170
51	53	93 148	20 628,839	355 429,998	17,230	16,767
52	54	92 565	19 902,620	334 801,159	16,822	16,359
53	55	91 915	19 187,335	314 898,539	16,412	15,949
54	56	91 187	18 480,801	295 711,204	16,001	15,538
55	57	90 377	17 783,300	277 230,403	15,589	15,126
56	58	89 490	17 095,906	259 447,103	15,176	14,713
57	59	88 514	16 416,914	242 351,197	14,762	14,299
58	60	87 452	15 747,420	225 934,283	14,347	13,884
59	61	86 281	15 084,050	210 186,863	13,934	13,471
60	62	85 024	14 431,304	195 102,813	13,519	13,056
61	63	83 671	13 788,125	180 671,509	13,103	12,640
62	64	82 207	13 152,301	166 883,385	12,689	12,225
63	65	80 619	12 522,463	153 731,084	12,276	11,813
64	66	78 938	11 904,301	141 208,621	11,862	11,399
65	67	77 131	11 293,025	129 304,320	11,450	10,987
66	68	75 222	10 692,662	118 011,295	11,037	10,573
67	69	73 198	10 101,993	107 318,632	10,624	10,160
68	70	71 050	9 519,972	97 216,640	10,212	9,749
69	71	68 810	8 951,202	87 696,668	9,797	9,334
70	72	66 435	8 390,561	78 745,466	9,385	8,922
71	73	63 991	7 846,510	70 354,905	8,966	8,503
72	74	61 390	7 308,293	62 508,395	8,553	8,090
73	75	58 716	6 786,354	55 200,102	8,134	7,671
74	76	55 931	6 276,226	48 413,748	7,714	7,251
75	77	53 024	5 776,682	42 137,523	7,294	6,831
76	78	50 022	5 290,890	36 360,841	6,872	6,409
77	79	46 840	4 810,084	31 069,950	6,459	5,996
78	80	43 522	4 339,201	26 259,866	6,052	5,589
79	81	40 029	3 874,641	21 920,665	5,657	5,194
80	82	36 387	3 419,511	18 046,023	5,277	4,814
81	83	32 638	2 977,910	14 626,512	4,912	4,448
82	84	28 801	2 551,221	11 648,602	4,566	4,103
83	85	24 968	2 147,276	9 097,381	4,237	3,773
84	86	21 188	1 769,132	6 950,105	3,929	3,465
85	87	17 561	1 423,629	5 180,973	3,639	3,176
86	88	14 152	1 113,799	3 757,344	3,373	2,910
87	89	11 060	845,116	2 643,545	3,128	2,665
88	90	8 356	619,879	1 798,429	2,901	2,438
89	91	6 064	436,774	1 178,550	2,698	2,235
90	92	4 214	294,687	741,776	2,517	2,054
91	93	2 802	190,253	447,089	2,350	1,887
92	94	1 775	117,024	256,836	2,195	1,731
93	95	1 059	67,753	139,811	2,064	1,600
94	96	599	37,187	72,059	1,938	1,475
95	97	312	18,827	34,872	1,852	1,389
96	98	155	9,096	16,045	1,764	1,301
97	99	72	4,110	6,949	1,691	1,227
98	100	32	1,755	2,839	1,617	1,154

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 662	99 662,364	2 981 769,764	29,919	29,455
1	4	99 297	96 404,950	2 882 107,400	29,896	29,433
2	5	99 260	93 562,214	2 785 702,450	29,774	29,311
3	6	99 236	90 814,830	2 692 140,235	29,644	29,181
4	7	99 216	88 152,334	2 601 325,405	29,509	29,046
5	8	99 201	85 571,697	2 513 173,071	29,369	28,906
6	9	99 184	83 065,183	2 427 601,374	29,225	28,762
7	10	99 169	80 633,545	2 344 536,191	29,076	28,613
8	11	99 155	78 273,673	2 263 902,646	28,923	28,460
9	12	99 139	75 981,482	2 185 628,973	28,765	28,302
10	13	99 123	73 756,735	2 109 647,491	28,603	28,140
11	14	99 106	71 596,061	2 035 890,756	28,436	27,973
12	15	99 089	69 498,950	1 964 294,695	28,264	27,800
13	16	99 070	67 461,855	1 894 795,745	28,087	27,624
14	17	99 046	65 481,023	1 827 333,891	27,906	27,443
15	18	99 019	63 556,529	1 761 852,868	27,721	27,258
16	19	98 984	61 683,348	1 698 296,339	27,532	27,069
17	20	98 942	59 861,460	1 636 612,991	27,340	26,877
18	21	98 896	58 091,213	1 576 751,531	27,143	26,679
19	22	98 842	56 368,328	1 518 660,318	26,942	26,479
20	23	98 787	54 695,863	1 462 291,990	26,735	26,272
21	24	98 726	53 070,295	1 407 596,127	26,523	26,060
22	25	98 669	51 494,411	1 354 525,831	26,304	25,841
23	26	98 605	49 962,387	1 303 031,421	26,080	25,617
24	27	98 546	48 478,181	1 253 069,034	25,848	25,385
25	28	98 478	47 033,722	1 204 590,853	25,611	25,148
26	29	98 412	45 633,055	1 157 557,131	25,367	24,903
27	30	98 341	44 272,148	1 111 924,076	25,116	24,652
28	31	98 265	42 949,193	1 067 651,927	24,858	24,395
29	32	98 186	41 664,941	1 024 702,734	24,594	24,131
30	33	98 101	40 416,445	983 037,793	24,323	23,859
31	34	98 011	39 203,107	942 621,348	24,045	23,581
32	35	97 911	38 022,385	903 418,241	23,760	23,297
33	36	97 808	36 876,329	865 395,856	23,468	23,004
34	37	97 692	35 759,662	828 519,528	23,169	22,706
35	38	97 570	34 674,934	792 759,866	22,863	22,399
36	39	97 433	33 617,685	758 084,932	22,550	22,087
37	40	97 291	32 590,874	724 467,247	22,229	21,766
38	41	97 129	31 588,946	691 876,373	21,902	21,439
39	42	96 954	30 613,457	660 287,427	21,569	21,105
40	43	96 769	29 665,128	629 673,971	21,226	20,763
41	44	96 561	28 739,325	600 008,843	20,878	20,414
42	45	96 339	27 837,997	571 269,518	20,521	20,058
43	46	96 089	26 957,145	543 431,521	20,159	19,696
44	47	95 824	26 099,871	516 474,376	19,788	19,325
45	48	95 521	25 259,460	490 374,505	19,413	18,950
46	49	95 182	24 436,697	465 115,045	19,033	18,570
47	50	94 809	23 631,866	440 678,348	18,648	18,184
48	51	94 409	22 846,812	417 046,482	18,254	17,791
49	52	93 956	22 075,067	394 199,670	17,857	17,394
50	53	93 459	21 318,571	372 124,604	17,455	16,992
51	54	92 909	20 575,871	350 806,032	17,049	16,586
52	55	92 297	19 845,128	330 230,162	16,640	16,177
53	56	91 617	19 125,063	310 385,034	16,229	15,766
54	57	90 860	18 414,696	291 259,971	15,817	15,353
55	58	90 023	17 713,516	272 845,275	15,403	14,940
56	59	89 101	17 021,549	255 131,759	14,989	14,526
57	60	88 098	16 339,650	238 110,210	14,573	14,109
58	61	86 990	15 664,337	221 770,560	14,158	13,694
59	62	85 790	14 998,284	206 106,222	13,742	13,279
60	63	84 502	14 342,776	191 107,938	13,324	12,861
61	64	83 106	13 695,070	176 765,163	12,907	12,444
62	65	81 593	13 054,018	163 070,093	12,492	12,029
63	66	79 976	12 422,653	150 016,075	12,076	11,613
64	67	78 246	11 799,994	137 593,421	11,660	11,197
65	68	76 400	11 185,942	125 793,427	11,246	10,782
66	69	74 434	10 580,757	114 607,485	10,832	10,368
67	70	72 353	9 985,268	104 026,729	10,418	9,955
68	71	70 155	9 400,032	94 041,460	10,004	9,541
69	72	67 867	8 828,555	84 641,429	9,587	9,124
70	73	65 451	8 266,266	75 812,874	9,171	8,708
71	74	62 941	7 717,701	67 546,608	8,752	8,289
72	75	60 294	7 177,889	59 828,907	8,335	7,872
73	76	57 586	6 655,843	52 651,017	7,910	7,447
74	77	54 725	6 140,873	45 995,175	7,490	7,027
75	78	51 762	5 639,217	39 854,302	7,067	6,604
76	79	48 649	5 145,666	34 215,084	6,649	6,186
77	80	45 369	4 658,978	29 069,418	6,239	5,776
78	81	41 936	4 180,988	24 410,440	5,838	5,375
79	82	38 321	3 709,295	20 229,453	5,454	4,990
80	83	34 590	3 250,659	16 520,157	5,082	4,619
81	84	30 787	2 809,029	13 269,498	4,724	4,261
82	85	26 924	2 384,976	10 460,469	4,386	3,923
83	86	23 067	1 983,815	8 075,494	4,071	3,607
84	87	19 341	1 614,899	6 091,679	3,772	3,309
85	88	15 806	1 281,344	4 476,780	3,494	3,031
86	89	12 536	986,601	3 195,436	3,239	2,776
87	90	9 628	735,659	2 208,835	3,003	2,539
88	91	7 123	528,461	1 473,177	2,788	2,324
89	92	5 048	363,556	944,715	2,599	2,135
90	93	3 424	239,433	581,160	2,427	1,964
91	94	2 217	150,495	341,726	2,271	1,807
92	95	1 367	90,089	191,231	2,123	1,659
93	96	791	50,626	101,142	1,998	1,535
94	97	428	26,565	50,516	1,902	1,438
95	98	219	13,197	23,951	1,815	1,352
96	99	107	6,248	10,754	1,721	1,258
97	100	48	2,725	4,506	1,654	1,190

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 652	99 652,086	2 975 918,651	29,863	29,400
1	5	99 288	96 395,726	2 876 266,565	29,838	29,375
2	6	99 251	93 553,880	2 779 870,839	29,714	29,251
3	7	99 227	90 806,797	2 686 316,959	29,583	29,120
4	8	99 212	88 148,239	2 595 510,162	29,445	28,982
5	9	99 194	85 565,734	2 507 361,923	29,303	28,840
6	10	99 178	83 060,102	2 421 796,189	29,157	28,694
7	11	99 163	80 628,828	2 338 736,087	29,006	28,543
8	12	99 147	78 267,620	2 258 107,259	28,851	28,388
9	13	99 131	75 975,516	2 179 839,639	28,691	28,228
10	14	99 114	73 749,786	2 103 864,123	28,527	28,064
11	15	99 097	71 589,459	2 030 114,337	28,358	27,895
12	16	99 077	69 490,494	1 958 524,878	28,184	27,721
13	17	99 055	67 451,921	1 889 034,384	28,006	27,542
14	18	99 032	65 472,107	1 821 582,463	27,822	27,359
15	19	98 999	63 544,007	1 756 110,356	27,636	27,173
16	20	98 966	61 672,566	1 692 566,349	27,444	26,981
17	21	98 924	59 850,393	1 630 893,782	27,250	26,786
18	22	98 880	58 081,634	1 571 043,389	27,049	26,586
19	23	98 826	56 359,151	1 512 961,756	26,845	26,382
20	24	98 769	54 686,020	1 456 602,605	26,636	26,173
21	25	98 709	53 060,746	1 401 916,585	26,421	25,958
22	26	98 650	51 484,615	1 348 855,839	26,199	25,736
23	27	98 587	49 952,984	1 297 371,224	25,972	25,509
24	28	98 525	48 467,749	1 247 418,240	25,737	25,274
25	29	98 455	47 022,639	1 198 950,490	25,497	25,034
26	30	98 386	45 621,247	1 151 927,852	25,250	24,787
27	31	98 310	44 258,108	1 106 306,605	24,997	24,533
28	32	98 234	42 935,707	1 062 048,496	24,736	24,273
29	33	98 153	41 650,665	1 019 112,789	24,468	24,005
30	34	98 066	40 401,882	977 462,124	24,193	23,730
31	35	97 971	39 187,191	937 060,242	23,912	23,449
32	36	97 870	38 006,715	897 873,051	23,624	23,161
33	37	97 764	36 859,421	859 866,337	23,328	22,865
34	38	97 646	35 742,688	823 006,916	23,026	22,563
35	39	97 512	34 654,017	787 264,228	22,718	22,255
36	40	97 375	33 597,476	752 610,211	22,401	21,938
37	41	97 224	32 568,526	719 012,736	22,077	21,614
38	42	97 057	31 565,562	686 444,209	21,747	21,283
39	43	96 877	30 589,157	654 878,647	21,409	20,946
40	44	96 681	29 638,190	624 289,491	21,064	20,600
41	45	96 468	28 711,432	594 651,301	20,711	20,248
42	46	96 228	27 805,921	565 939,869	20,353	19,890
43	47	95 972	26 924,324	538 133,949	19,987	19,524
44	48	95 693	26 064,107	511 209,625	19,614	19,150
45	49	95 369	25 219,195	485 145,518	19,237	18,774
46	50	95 016	24 393,980	459 926,323	18,854	18,391
47	51	94 633	23 588,071	435 532,343	18,464	18,001
48	52	94 206	22 797,858	411 944,272	18,069	17,606
49	53	93 737	22 023,566	389 146,414	17,670	17,206
50	54	93 219	21 263,832	367 122,847	17,265	16,802
51	55	92 640	20 516,433	345 859,015	16,858	16,394
52	56	91 998	19 780,721	325 342,582	16,447	15,984
53	57	91 289	19 056,653	305 561,860	16,034	15,571
54	58	90 504	18 342,434	286 505,207	15,620	15,157
55	59	89 631	17 636,472	268 162,773	15,205	14,742
56	60	88 682	16 941,439	250 526,300	14,788	14,325
57	61	87 633	16 253,443	233 584,861	14,371	13,908
58	62	86 496	15 575,272	217 331,418	13,954	13,490
59	63	85 264	14 906,278	201 756,146	13,535	13,072
60	64	83 932	14 245,978	186 849,868	13,116	12,653
61	65	82 485	13 592,731	172 603,890	12,698	12,235
62	66	80 943	12 949,972	159 011,159	12,279	11,816
63	67	79 275	12 313,805	146 061,188	11,862	11,398
64	68	77 504	11 688,104	133 747,383	11,443	10,980
65	69	75 600	11 068,874	122 059,279	11,027	10,564
66	70	73 574	10 458,500	110 990,405	10,612	10,149
67	71	71 441	9 859,466	100 531,905	10,196	9,733
68	72	69 194	9 271,235	90 672,439	9,780	9,317
69	73	66 862	8 697,772	81 401,204	9,359	8,896
70	74	64 376	8 130,566	72 703,432	8,942	8,479
71	75	61 818	7 579,993	64 572,866	8,519	8,056
72	76	59 135	7 039,849	56 992,874	8,096	7,633
73	77	56 345	6 512,303	49 953,025	7,671	7,207
74	78	53 423	5 994,742	43 440,722	7,246	6,783
75	79	50 341	5 484,432	37 445,980	6,828	6,364
76	80	47 120	4 984,018	31 961,548	6,413	5,950
77	81	43 715	4 489,105	26 977,530	6,010	5,546
78	82	40 146	4 002,569	22 488,426	5,618	5,155
79	83	36 428	3 526,134	18 485,857	5,243	4,779
80	84	32 628	3 066,309	14 959,723	4,879	4,416
81	85	28 781	2 625,984	11 893,413	4,529	4,066
82	86	24 874	2 203,420	9 267,430	4,206	3,743
83	87	21 056	1 810,866	7 064,010	3,901	3,438
84	88	17 408	1 453,497	5 253,143	3,614	3,151
85	89	14 001	1 135,012	3 799,646	3,348	2,884
86	90	10 912	858,818	2 664,634	3,103	2,639
87	91	8 208	627,167	1 805,816	2,879	2,416
88	92	5 929	439,873	1 178,650	2,680	2,216
89	93	4 101	295,388	738,777	2,501	2,038
90	94	2 708	189,398	443,388	2,341	1,878
91	95	1 707	115,856	253,991	2,192	1,729
92	96	1 021	67,317	138,134	2,052	1,589
93	97	565	36,165	70,817	1,958	1,495
94	98	300	18,621	34,653	1,861	1,398
95	99	150	9,065	16,031	1,768	1,305
96	100	71	4,142	6,966	1,682	1,219

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 643	99 642,551	2 969 658,770	29,803	29,340
1	6	99 279	96 387,139	2 870 016,220	29,776	29,313
2	7	99 243	93 545,604	2 773 629,081	29,650	29,187
3	8	99 222	90 802,578	2 680 083,477	29,515	29,052
4	9	99 205	88 142,096	2 589 280,898	29,376	28,913
5	10	99 188	85 560,500	2 501 138,802	29,232	28,769
6	11	99 172	83 055,243	2 415 578,302	29,084	28,621
7	12	99 156	80 622,593	2 332 523,059	28,931	28,468
8	13	99 139	78 261,474	2 251 900,465	28,774	28,311
9	14	99 121	75 968,358	2 173 638,991	28,612	28,149
10	15	99 104	73 742,986	2 097 670,633	28,446	27,982
11	16	99 084	71 580,749	2 023 927,647	28,275	27,812
12	17	99 062	69 480,262	1 952 346,899	28,099	27,636
13	18	99 042	67 442,737	1 882 866,637	27,918	27,455
14	19	99 013	65 459,208	1 815 423,900	27,734	27,270
15	20	98 982	63 532,900	1 749 964,692	27,544	27,081
16	21	98 948	61 661,164	1 686 431,792	27,350	26,887
17	22	98 907	59 840,524	1 624 770,628	27,152	26,688
18	23	98 864	58 072,178	1 564 930,104	26,948	26,485
19	24	98 808	56 349,008	1 506 857,926	26,742	26,278
20	25	98 751	54 676,180	1 450 508,918	26,529	26,066
21	26	98 690	53 050,653	1 395 832,738	26,311	25,848
22	27	98 631	51 474,926	1 342 782,085	26,086	25,623
23	28	98 565	49 942,235	1 291 307,160	25,856	25,393
24	29	98 502	48 456,328	1 241 364,925	25,618	25,155
25	30	98 429	47 010,471	1 192 908,596	25,375	24,912
26	31	98 355	45 606,779	1 145 898,125	25,126	24,662
27	32	98 279	44 244,211	1 100 291,346	24,869	24,405
28	33	98 200	42 920,996	1 056 047,135	24,604	24,141
29	34	98 117	41 635,657	1 013 126,139	24,333	23,870
30	35	98 026	40 385,479	971 490,482	24,055	23,592
31	36	97 931	39 171,041	931 105,003	23,770	23,307
32	37	97 826	37 989,289	891 933,962	23,479	23,015
33	38	97 717	36 841,925	853 944,674	23,179	22,715
34	39	97 587	35 721,126	817 102,749	22,874	22,411
35	40	97 453	34 633,185	781 381,623	22,562	22,098
36	41	97 308	33 574,438	746 748,438	22,242	21,778
37	42	97 152	32 544,417	713 174,000	21,914	21,451
38	43	96 980	31 540,507	680 629,583	21,580	21,116
39	44	96 789	30 561,380	649 089,077	21,239	20,776
40	45	96 587	29 609,424	618 527,697	20,890	20,426
41	46	96 356	28 678,349	588 918,273	20,535	20,072
42	47	96 111	27 772,067	560 239,924	20,173	19,710
43	48	95 841	26 887,430	532 467,857	19,804	19,340
44	49	95 541	26 022,559	505 580,428	19,429	18,965
45	50	95 202	25 175,110	479 557,869	19,049	18,586
46	51	94 840	24 348,773	454 382,759	18,661	18,198
47	52	94 430	23 537,529	430 033,986	18,270	17,807
48	53	93 987	22 744,672	406 496,457	17,872	17,409
49	54	93 496	21 967,017	383 751,785	17,469	17,006
50	55	92 949	21 202,408	361 784,768	17,063	16,600
51	56	92 340	20 449,848	340 582,361	16,655	16,191
52	57	91 669	19 709,967	320 132,512	16,242	15,779
53	58	90 931	18 981,873	300 422,546	15,827	15,364
54	59	90 110	18 262,656	281 440,673	15,411	14,947
55	60	89 209	17 553,469	263 178,018	14,993	14,530
56	61	88 214	16 852,057	245 624,549	14,575	14,112
57	62	87 135	16 161,028	228 772,492	14,156	13,693
58	63	85 965	15 479,726	212 611,464	13,735	13,272
59	64	84 689	14 805,677	197 131,738	13,315	12,851
60	65	83 304	14 139,522	182 326,060	12,895	12,432
61	66	81 828	13 484,391	168 186,538	12,473	12,009
62	67	80 233	12 836,502	154 702,147	12,052	11,589
63	68	78 524	12 197,042	141 865,645	11,631	11,168
64	69	76 693	11 565,780	129 668,602	11,211	10,748
65	70	74 727	10 940,977	118 102,822	10,795	10,331
66	71	72 647	10 326,736	107 161,845	10,377	9,914
67	72	70 462	9 724,374	96 835,109	9,958	9,495
68	73	68 169	9 133,894	87 110,735	9,537	9,074
69	74	65 764	8 554,988	77 976,841	9,115	8,652
70	75	63 228	7 985,491	69 421,853	8,693	8,230
71	76	60 629	7 434,219	61 436,362	8,264	7,801
72	77	57 860	6 888,028	54 002,143	7,840	7,377
73	78	55 004	6 357,333	47 114,115	7,411	6,948
74	79	51 956	5 830,198	40 756,782	6,991	6,527
75	80	48 760	5 312,142	34 926,584	6,575	6,112
76	81	45 402	4 802,293	29 614,443	6,167	5,704
77	82	41 849	4 297,537	24 812,150	5,774	5,310
78	83	38 164	3 804,926	20 514,612	5,392	4,928
79	84	34 362	3 326,162	16 709,686	5,024	4,560
80	85	30 502	2 866,499	13 383,524	4,669	4,206
81	86	26 590	2 426,081	10 517,025	4,335	3,872
82	87	22 706	2 011,326	8 090,944	4,023	3,559
83	88	18 952	1 629,878	6 079,618	3,730	3,267
84	89	15 420	1 287,505	4 449,739	3,456	2,993
85	90	12 188	988,008	3 162,235	3,201	2,737
86	91	9 303	732,163	2 174,227	2,970	2,506
87	92	6 832	522,032	1 442,064	2,762	2,299
88	93	4 818	357,396	920,032	2,574	2,111
89	94	3 244	233,660	562,636	2,408	1,945
90	95	2 085	145,805	328,977	2,256	1,793
91	96	1 275	86,571	183,172	2,116	1,653
92	97	730	48,088	96,601	2,009	1,546
93	98	396	25,351	48,514	1,914	1,450
94	99	206	12,791	23,163	1,811	1,348
95	100	100	6,010	10,372	1,726	1,262

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 634	99 633,675	2 962 974,921	29,739	29,275
1	7	99 270	96 378,613	2 863 341,246	29,709	29,246
2	8	99 238	93 541,258	2 766 962,634	29,580	29,117
3	9	99 216	90 796,251	2 673 421,375	29,444	28,981
4	10	99 199	88 136,705	2 582 625,125	29,302	28,839
5	11	99 182	85 555,495	2 494 488,420	29,156	28,693
6	12	99 165	83 048,821	2 408 932,925	29,006	28,543
7	13	99 148	80 616,262	2 325 884,104	28,851	28,388
8	14	99 130	78 254,101	2 245 267,842	28,692	28,229
9	15	99 112	75 961,353	2 167 013,741	28,528	28,065
10	16	99 092	73 734,014	2 091 052,388	28,359	27,896
11	17	99 070	71 570,209	2 017 318,374	28,187	27,723
12	18	99 049	69 470,801	1 945 748,165	28,008	27,545
13	19	99 022	67 429,449	1 876 277,364	27,826	27,363
14	20	98 996	65 447,766	1 808 847,914	27,638	27,175
15	21	98 964	63 521,154	1 743 400,148	27,446	26,983
16	22	98 932	61 650,997	1 679 878,994	27,248	26,785
17	23	98 891	59 830,781	1 618 227,997	27,047	26,584
18	24	98 846	58 061,727	1 558 397,216	26,840	26,377
19	25	98 791	56 338,869	1 500 335,489	26,631	26,167
20	26	98 732	54 665,779	1 443 996,620	26,415	25,952
21	27	98 671	53 040,669	1 389 330,841	26,194	25,730
22	28	98 610	51 463,849	1 336 290,173	25,966	25,502
23	29	98 542	49 930,467	1 284 826,323	25,732	25,269
24	30	98 476	48 443,789	1 234 895,857	25,491	25,028
25	31	98 398	46 995,563	1 186 452,068	25,246	24,783
26	32	98 324	45 592,459	1 139 456,505	24,992	24,529
27	33	98 246	44 229,052	1 093 864,047	24,732	24,269
28	34	98 165	42 905,530	1 049 634,995	24,464	24,001
29	35	98 077	41 618,753	1 006 729,464	24,189	23,726
30	36	97 986	40 368,835	965 110,711	23,907	23,444
31	37	97 886	39 153,081	924 741,876	23,619	23,155
32	38	97 779	37 971,257	885 588,796	23,323	22,859
33	39	97 658	36 819,700	847 617,539	23,021	22,558
34	40	97 528	35 699,652	810 797,839	22,712	22,248
35	41	97 386	34 609,437	775 098,187	22,396	21,932
36	42	97 236	33 549,584	740 488,750	22,071	21,608
37	43	97 075	32 518,585	706 939,166	21,740	21,276
38	44	96 892	31 511,866	674 420,581	21,402	20,939
39	45	96 695	30 531,718	642 908,715	21,057	20,594
40	46	96 476	29 575,306	612 376,998	20,706	20,242
41	47	96 239	28 643,433	582 801,691	20,347	19,884
42	48	95 979	27 734,010	554 158,258	19,981	19,518
43	49	95 688	26 844,570	526 424,248	19,610	19,147
44	50	95 374	25 977,070	499 579,678	19,232	18,768
45	51	95 026	25 128,455	473 602,608	18,847	18,384
46	52	94 636	24 296,601	448 474,153	18,458	17,995
47	53	94 210	23 482,617	424 177,552	18,063	17,600
48	54	93 745	22 686,271	400 694,935	17,662	17,199
49	55	93 226	21 903,561	378 008,664	17,258	16,795
50	56	92 648	21 133,596	356 105,103	16,850	16,387
51	57	92 009	20 376,700	334 971,507	16,439	15,976
52	58	91 309	19 632,622	314 594,807	16,024	15,561
53	59	90 536	18 899,313	294 962,185	15,607	15,144
54	60	89 686	18 176,705	276 062,872	15,188	14,725
55	61	88 739	17 460,857	257 886,168	14,769	14,306
56	62	87 712	16 756,238	240 425,310	14,348	13,885
57	63	86 600	16 061,889	223 669,072	13,925	13,462
58	64	85 385	15 375,255	207 607,183	13,503	13,039
59	65	84 056	14 695,039	192 231,928	13,081	12,618
60	66	82 640	14 026,824	177 536,888	12,657	12,194
61	67	81 111	13 366,239	163 510,065	12,233	11,770
62	68	79 473	12 714,784	150 143,825	11,809	11,345
63	69	77 702	12 069,392	137 429,041	11,387	10,923
64	70	75 807	11 432,142	125 359,649	10,966	10,502
65	71	73 785	10 803,134	113 927,507	10,546	10,083
66	72	71 652	10 185,241	103 124,373	10,125	9,662
67	73	69 418	9 580,321	92 939,132	9,701	9,238
68	74	67 050	8 983,951	83 358,811	9,279	8,815
69	75	64 591	8 402,340	74 374,860	8,852	8,388
70	76	62 012	7 831,919	65 972,520	8,424	7,960
71	77	59 321	7 273,893	58 140,601	7,993	7,530
72	78	56 483	6 724,117	50 866,708	7,565	7,102
73	79	53 494	6 182,837	44 142,591	7,140	6,676
74	80	50 324	5 647,045	37 959,754	6,722	6,259
75	81	46 982	5 118,453	32 312,709	6,313	5,850
76	82	43 465	4 597,360	27 194,256	5,915	5,452
77	83	39 783	4 085,329	22 596,895	5,531	5,068
78	84	35 999	3 589,143	18 511,566	5,158	4,694
79	85	32 123	3 109,419	14 922,423	4,799	4,336
80	86	28 180	2 648,288	11 813,004	4,461	3,997
81	87	24 272	2 214,576	9 164,716	4,138	3,675
82	88	20 436	1 810,303	6 950,140	3,839	3,376
83	89	16 787	1 443,743	5 139,837	3,560	3,097
84	90	13 423	1 120,750	3 696,094	3,298	2,835
85	91	10 390	842,300	2 575,345	3,058	2,594
86	92	7 743	609,427	1 733,045	2,844	2,381
87	93	5 551	424,150	1 123,617	2,649	2,186
88	94	3 811	282,709	699,467	2,474	2,011
89	95	2 497	179,879	416,758	2,317	1,854
90	96	1 558	108,949	236,879	2,174	1,711
91	97	911	61,841	127,930	2,069	1,605
92	98	511	33,708	66,088	1,961	1,497
93	99	272	17,413	32,380	1,860	1,396
94	100	136	8,481	14,967	1,765	1,302

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 625	99 624,861	2 955 852,989	29,670	29,207
1	8	99 265	96 374,135	2 856 228,128	29,637	29,174
2	9	99 231	93 534,740	2 759 853,993	29,506	29,043
3	10	99 209	90 790,696	2 666 319,253	29,368	28,905
4	11	99 193	88 131,549	2 575 528,557	29,224	28,760
5	12	99 175	85 548,879	2 487 397,007	29,076	28,613
6	13	99 157	83 042,299	2 401 848,128	28,923	28,460
7	14	99 138	80 608,667	2 318 805,828	28,766	28,303
8	15	99 121	78 246,885	2 238 197,161	28,604	28,141
9	16	99 100	75 952,111	2 159 950,276	28,438	27,975
10	17	99 078	73 723,157	2 083 998,165	28,268	27,805
11	18	99 056	71 560,464	2 010 275,008	28,092	27,629
12	19	99 029	69 457,114	1 938 714,544	27,912	27,449
13	20	99 005	67 417,663	1 869 257,430	27,727	27,263
14	21	98 977	65 435,666	1 801 839,767	27,536	27,073
15	22	98 948	63 510,680	1 736 404,100	27,340	26,877
16	23	98 916	61 640,959	1 672 893,421	27,139	26,676
17	24	98 873	59 820,014	1 611 252,461	26,935	26,472
18	25	98 828	58 051,279	1 551 432,447	26,725	26,262
19	26	98 772	56 328,152	1 493 381,168	26,512	26,049
20	27	98 714	54 655,491	1 437 053,016	26,293	25,830
21	28	98 650	53 029,255	1 382 397,525	26,069	25,605
22	29	98 587	51 451,722	1 329 368,270	25,837	25,374
23	30	98 517	49 917,546	1 277 916,548	25,601	25,137
24	31	98 445	48 428,426	1 227 999,002	25,357	24,894
25	32	98 367	46 980,806	1 179 570,575	25,107	24,644
26	33	98 291	45 576,837	1 132 589,769	24,850	24,387
27	34	98 210	44 213,115	1 087 012,932	24,586	24,123
28	35	98 125	42 888,111	1 042 799,817	24,314	23,851
29	36	98 037	41 601,601	999 911,707	24,035	23,572
30	37	97 941	40 350,326	958 310,106	23,750	23,287
31	38	97 839	39 134,496	917 959,780	23,457	22,993
32	39	97 720	37 948,350	878 825,284	23,158	22,695
33	40	97 599	36 797,566	840 876,933	22,851	22,388
34	41	97 461	35 675,173	804 079,367	22,539	22,076
35	42	97 314	34 583,817	768 404,194	22,219	21,755
36	43	97 159	33 522,954	733 820,377	21,890	21,427
37	44	96 987	32 489,055	700 297,423	21,555	21,092
38	45	96 798	31 481,281	667 808,368	21,213	20,750
39	46	96 583	30 496,538	636 327,087	20,866	20,402
40	47	96 358	29 539,298	605 830,549	20,509	20,046
41	48	96 107	28 604,183	576 291,251	20,147	19,684
42	49	95 826	27 689,801	547 687,068	19,779	19,316
43	50	95 521	26 797,643	519 997,267	19,405	18,941
44	51	95 197	25 928,929	493 199,623	19,021	18,558
45	52	94 822	25 074,613	467 270,694	18,635	18,172
46	53	94 416	24 239,918	442 196,082	18,242	17,779
47	54	93 968	23 422,321	417 956,164	17,844	17,381
48	55	93 475	22 620,737	394 533,843	17,441	16,978
49	56	92 924	21 832,474	371 913,105	17,035	16,572
50	57	92 316	21 058,002	350 080,632	16,625	16,161
51	58	91 648	20 296,739	329 022,629	16,211	15,747
52	59	90 912	19 547,232	308 725,890	15,794	15,331
53	60	90 109	18 810,366	289 178,659	15,373	14,910
54	61	89 213	18 080,805	270 368,293	14,953	14,490
55	62	88 234	17 361,577	252 287,487	14,531	14,068
56	63	87 174	16 653,448	234 925,910	14,107	13,644
57	64	86 016	15 953,489	218 272,462	13,682	13,219
58	65	84 747	15 260,361	202 318,973	13,258	12,795
59	66	83 386	14 577,913	187 058,613	12,832	12,368
60	67	81 916	13 903,919	172 480,699	12,405	11,942
61	68	80 342	13 239,498	158 576,780	11,978	11,514
62	69	78 641	12 581,715	145 337,282	11,551	11,088
63	70	76 804	11 929,935	132 755,567	11,128	10,665
64	71	74 852	11 288,111	120 825,632	10,704	10,241
65	72	72 774	10 655,112	109 537,520	10,280	9,817
66	73	70 591	10 034,361	98 882,409	9,854	9,391
67	74	68 279	9 423,049	88 848,047	9,429	8,966
68	75	65 854	8 823,649	79 424,999	9,001	8,538
69	76	63 348	8 240,751	70 601,350	8,567	8,104
70	77	60 674	7 663,016	62 360,599	8,138	7,675
71	78	57 910	7 100,800	54 697,582	7,703	7,240
72	79	54 932	6 539,553	47 596,783	7,278	6,815
73	80	51 814	5 988,606	41 057,229	6,856	6,393
74	81	48 489	5 441,146	35 068,623	6,445	5,982
75	82	44 977	4 900,029	29 627,477	6,046	5,583
76	83	41 319	4 370,348	24 727,449	5,658	5,195
77	84	37 526	3 853,644	20 357,101	5,283	4,819
78	85	33 653	3 355,263	16 503,456	4,919	4,455
79	86	29 678	2 872,715	13 148,193	4,577	4,114
80	87	25 723	2 417,410	10 275,478	4,251	3,787
81	88	21 846	1 993,239	7 858,068	3,942	3,479
82	89	18 102	1 603,563	5 864,829	3,657	3,194
83	90	14 613	1 256,752	4 261,266	3,391	2,927
84	91	11 443	955,466	3 004,514	3,145	2,681
85	92	8 649	701,102	2 049,048	2,923	2,459
86	93	6 291	495,158	1 347,946	2,722	2,259
87	94	4 391	335,513	852,788	2,542	2,079
88	95	2 934	217,640	517,274	2,377	1,914
89	96	1 866	134,410	299,634	2,229	1,766
90	97	1 113	77,827	165,224	2,123	1,660
91	98	639	43,350	87,397	2,016	1,553
92	99	351	23,154	44,048	1,902	1,439
93	100	180	11,545	20,894	1,810	1,346

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 620	99 620,233	2 948 280,439	29,595	29,132
1	9	99 258	96 367,419	2 848 660,206	29,560	29,097
2	10	99 225	93 529,018	2 752 292,787	29,427	28,964
3	11	99 204	90 785,386	2 658 763,768	29,286	28,823
4	12	99 185	88 124,734	2 567 978,383	29,140	28,677
5	13	99 167	85 542,162	2 479 853,649	28,990	28,527
6	14	99 148	83 034,476	2 394 311,487	28,835	28,372
7	15	99 129	80 601,235	2 311 277,011	28,675	28,212
8	16	99 109	78 237,365	2 230 675,776	28,512	28,048
9	17	99 086	75 940,928	2 152 438,411	28,344	27,880
10	18	99 064	73 713,118	2 076 497,484	28,170	27,707
11	19	99 037	71 546,365	2 002 784,365	27,993	27,530
12	20	99 012	69 444,974	1 931 238,000	27,810	27,346
13	21	98 987	67 405,199	1 861 793,026	27,621	27,158
14	22	98 961	65 424,876	1 794 387,827	27,427	26,963
15	23	98 931	63 500,340	1 728 962,951	27,228	26,764
16	24	98 898	61 629,866	1 665 462,611	27,024	26,560
17	25	98 856	59 809,250	1 603 832,745	26,816	26,353
18	26	98 810	58 040,236	1 544 023,495	26,603	26,139
19	27	98 753	56 317,551	1 485 983,259	26,386	25,923
20	28	98 693	54 643,730	1 429 665,707	26,163	25,700
21	29	98 627	53 016,759	1 375 021,977	25,936	25,472
22	30	98 561	51 438,408	1 322 005,218	25,701	25,238
23	31	98 485	49 901,716	1 270 566,810	25,461	24,998
24	32	98 414	48 413,220	1 220 665,094	25,213	24,750
25	33	98 334	46 964,709	1 172 251,874	24,960	24,497
26	34	98 255	45 560,414	1 125 287,165	24,699	24,236
27	35	98 170	44 195,165	1 079 726,751	24,431	23,968
28	36	98 084	42 870,435	1 035 531,587	24,155	23,692
29	37	97 992	41 582,527	992 661,151	23,872	23,409
30	38	97 894	40 331,173	951 078,625	23,582	23,119
31	39	97 780	39 110,888	910 747,452	23,286	22,823
32	40	97 661	37 925,538	871 636,564	22,983	22,520
33	41	97 533	36 772,334	833 711,026	22,672	22,209
34	42	97 389	35 648,764	796 938,692	22,355	21,892
35	43	97 237	34 556,366	761 289,927	22,030	21,567
36	44	97 071	33 492,513	726 733,562	21,698	21,235
37	45	96 893	32 457,522	693 241,049	21,358	20,895
38	46	96 687	31 445,007	660 783,526	21,014	20,551
39	47	96 466	30 459,408	629 338,519	20,662	20,198
40	48	96 226	29 498,820	598 879,111	20,302	19,839
41	49	95 954	28 558,586	569 380,291	19,937	19,474
42	50	95 658	27 641,397	540 821,705	19,566	19,102
43	51	95 344	26 747,982	513 180,307	19,186	18,723
44	52	94 993	25 873,371	486 432,325	18,801	18,337
45	53	94 601	25 016,114	460 558,954	18,410	17,947
46	54	94 173	24 177,678	435 542,839	18,014	17,551
47	55	93 696	23 354,661	411 365,162	17,614	17,151
48	56	93 171	22 547,323	388 010,501	17,209	16,745
49	57	92 591	21 754,380	365 463,178	16,800	16,336
50	58	91 954	20 975,368	343 708,798	16,386	15,923
51	59	91 250	20 208,460	322 733,430	15,970	15,507
52	60	90 484	19 455,236	302 524,970	15,550	15,087
53	61	89 634	18 711,123	283 069,734	15,128	14,665
54	62	88 706	17 978,000	264 358,611	14,705	14,241
55	63	87 693	17 255,073	246 380,611	14,279	13,816
56	64	86 586	16 541,056	229 125,538	13,852	13,389
57	65	85 373	15 834,274	212 584,482	13,426	12,962
58	66	84 071	15 138,729	196 750,208	12,996	12,533
59	67	82 655	14 450,180	181 611,479	12,568	12,105
60	68	81 140	13 772,079	167 161,299	12,138	11,674
61	69	79 501	13 100,937	153 389,220	11,708	11,245
62	70	77 732	12 436,339	140 288,282	11,281	10,817
63	71	75 836	11 779,632	127 851,944	10,854	10,390
64	72	73 826	11 133,444	116 072,312	10,426	9,962
65	73	71 696	10 497,272	104 938,868	9,997	9,534
66	74	69 432	9 869,635	94 441,596	9,569	9,106
67	75	67 060	9 254,912	84 571,961	9,138	8,675
68	76	64 587	8 653,958	75 317,049	8,703	8,240
69	77	61 982	8 063,032	66 663,091	8,268	7,805
70	78	59 231	7 480,663	58 600,059	7,834	7,370
71	79	56 320	6 905,897	51 119,396	7,402	6,939
72	80	53 207	6 334,117	44 213,499	6,980	6,517
73	81	49 924	5 770,253	37 879,382	6,565	6,101
74	82	46 420	5 208,951	32 109,129	6,164	5,701
75	83	42 756	4 658,070	26 900,179	5,775	5,312
76	84	38 975	4 122,499	22 242,108	5,395	4,932
77	85	35 081	3 602,529	18 119,609	5,030	4,566
78	86	31 092	3 099,845	14 517,080	4,683	4,220
79	87	27 091	2 622,272	11 417,235	4,354	3,891
80	88	23 152	2 175,801	8 794,963	4,042	3,579
81	89	19 351	1 765,607	6 619,162	3,749	3,286
82	90	15 758	1 395,873	4 853,555	3,477	3,014
83	91	12 458	1 071,411	3 457,683	3,227	2,764
84	92	9 525	795,297	2 386,271	3,000	2,537
85	93	7 027	569,644	1 590,974	2,793	2,330
86	94	4 977	391,683	1 021,331	2,608	2,144
87	95	3 380	258,290	629,648	2,438	1,975
88	96	2 192	162,625	371,358	2,284	1,820
89	97	1 333	96,015	208,732	2,174	1,711
90	98	780	54,555	112,717	2,066	1,603
91	99	439	29,776	58,161	1,953	1,490
92	100	233	15,352	28,385	1,849	1,386

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 613	99 613,291	2 940 241,356	29,517	29,053
1	10	99 252	96 361,524	2 840 628,066	29,479	29,016
2	11	99 219	93 523,547	2 744 266,541	29,343	28,880
3	12	99 196	90 778,366	2 650 742,994	29,200	28,737
4	13	99 177	88 117,814	2 559 964,628	29,052	28,588
5	14	99 157	85 534,102	2 471 846,814	28,899	28,436
6	15	99 138	83 026,820	2 386 312,712	28,741	28,278
7	16	99 117	80 591,428	2 303 285,892	28,580	28,117
8	17	99 094	78 225,845	2 222 694,464	28,414	27,951
9	18	99 072	75 930,587	2 144 468,619	28,242	27,779
10	19	99 045	73 698,596	2 068 538,032	28,068	27,604
11	20	99 020	71 533,860	1 994 839,436	27,887	27,423
12	21	98 994	69 432,135	1 923 305,577	27,701	27,237
13	22	98 970	67 394,084	1 853 873,442	27,508	27,045
14	23	98 945	65 414,224	1 786 479,357	27,310	26,847
15	24	98 914	63 488,912	1 721 065,133	27,108	26,645
16	25	98 880	61 618,777	1 657 576,221	26,901	26,437
17	26	98 837	59 797,873	1 595 957,445	26,689	26,226
18	27	98 791	58 029,313	1 536 159,572	26,472	26,009
19	28	98 732	56 305,433	1 478 130,258	26,252	25,789
20	29	98 669	54 630,854	1 421 824,826	26,026	25,563
21	30	98 601	53 003,040	1 367 193,972	25,795	25,331
22	31	98 530	51 422,096	1 314 190,932	25,557	25,094
23	32	98 454	49 886,047	1 262 768,836	25,313	24,850
24	33	98 380	48 396,632	1 212 882,790	25,061	24,598
25	34	98 298	46 947,786	1 164 486,158	24,804	24,341
26	35	98 215	45 541,917	1 117 538,372	24,539	24,075
27	36	98 130	44 176,950	1 071 996,455	24,266	23,803
28	37	98 039	42 850,779	1 027 819,504	23,986	23,523
29	38	97 945	41 562,789	984 968,725	23,698	23,235
30	39	97 835	40 306,843	943 405,936	23,406	22,942
31	40	97 722	39 087,377	903 099,093	23,105	22,641
32	41	97 594	37 899,533	864 011,716	22,797	22,334
33	42	97 460	36 745,113	826 112,184	22,482	22,019
34	43	97 312	35 620,468	789 367,071	22,160	21,697
35	44	97 149	34 524,986	753 746,603	21,832	21,369
36	45	96 976	33 460,006	719 221,617	21,495	21,032
37	46	96 781	32 420,124	685 761,611	21,152	20,689
38	47	96 569	31 406,722	653 341,487	20,803	20,339
39	48	96 334	30 417,669	621 934,765	20,446	19,983
40	49	96 073	29 451,798	591 517,095	20,084	19,621
41	50	95 786	28 508,664	562 065,298	19,716	19,252
42	51	95 481	27 590,172	533 556,634	19,339	18,875
43	52	95 139	26 690,669	505 966,461	18,957	18,493
44	53	94 771	25 813,010	479 275,792	18,567	18,104
45	54	94 358	24 951,881	453 462,783	18,173	17,710
46	55	93 901	24 107,836	428 510,901	17,775	17,312
47	56	93 392	23 278,865	404 403,066	17,372	16,909
48	57	92 838	22 466,672	381 124,201	16,964	16,501
49	58	92 228	21 669,013	358 657,529	16,552	16,088
50	59	91 554	20 884,137	336 988,516	16,136	15,673
51	60	90 820	20 113,352	316 104,379	15,716	15,253
52	61	90 007	19 352,590	295 991,027	15,295	14,831
53	62	89 124	18 604,734	276 638,436	14,869	14,406
54	63	88 162	17 867,715	258 033,703	14,441	13,978
55	64	87 101	17 138,621	240 165,988	14,013	13,550
56	65	85 939	16 417,450	223 027,367	13,585	13,122
57	66	84 692	15 708,068	206 609,917	13,153	12,690
58	67	83 335	15 006,082	190 901,849	12,722	12,258
59	68	81 871	14 313,160	175 895,768	12,289	11,826
60	69	80 290	13 627,945	161 582,607	11,857	11,393
61	70	78 582	12 949,561	147 954,662	11,425	10,962
62	71	76 753	12 279,656	135 005,101	10,994	10,531
63	72	74 797	11 618,230	122 725,445	10,563	10,100
64	73	72 733	10 968,518	111 107,214	10,130	9,666
65	74	70 519	10 324,947	100 138,697	9,699	9,235
66	75	68 193	9 693,530	89 813,750	9,265	8,802
67	76	65 771	9 076,927	80 120,220	8,827	8,364
68	77	63 194	8 467,327	71 043,293	8,390	7,927
69	78	60 507	7 871,160	62 575,966	7,950	7,487
70	79	57 605	7 275,334	54 704,806	7,519	7,056
71	80	54 551	6 688,952	47 429,472	7,091	6,627
72	81	51 267	6 103,165	40 740,520	6,675	6,212
73	82	47 794	5 524,014	34 637,355	6,270	5,807
74	83	44 128	4 951,738	29 113,341	5,879	5,416
75	84	40 331	4 393,905	24 161,603	5,499	5,036
76	85	36 436	3 853,864	19 767,698	5,129	4,666
77	86	32 411	3 328,288	15 913,834	4,781	4,318
78	87	28 381	2 829,601	12 585,547	4,448	3,985
79	88	24 383	2 360,188	9 755,946	4,134	3,670
80	89	20 508	1 927,320	7 395,758	3,837	3,374
81	90	16 845	1 536,929	5 468,438	3,558	3,095
82	91	13 434	1 190,015	3 931,509	3,304	2,841
83	92	10 370	891,806	2 741,494	3,074	2,611
84	93	7 739	646,177	1 849,688	2,863	2,399
85	94	5 559	450,603	1 203,511	2,671	2,208
86	95	3 831	301,531	752,908	2,497	2,034
87	96	2 526	193,000	451,377	2,339	1,876
88	97	1 566	116,171	258,377	2,224	1,761
89	98	934	67,305	142,206	2,113	1,650
90	99	536	37,473	74,901	1,999	1,536
91	100	291	19,743	37,428	1,896	1,433

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	10	99 607	99 607,197	2 931 727,161	29,433	28,970
1	11	99 247	96 355,888	2 832 119,964	29,392	28,929
2	12	99 211	93 516,315	2 735 764,076	29,254	28,791
3	13	99 188	90 771,237	2 642 247,761	29,109	28,646
4	14	99 168	88 109,512	2 551 476,524	28,958	28,495
5	15	99 148	85 526,216	2 463 367,011	28,802	28,339
6	16	99 126	83 016,718	2 377 840,796	28,643	28,180
7	17	99 103	80 579,561	2 294 824,078	28,479	28,016
8	18	99 081	78 215,194	2 214 244,516	28,310	27,846
9	19	99 053	75 915,628	2 136 029,323	28,137	27,674
10	20	99 027	73 685,714	2 060 113,695	27,958	27,495
11	21	99 001	71 520,634	1 986 427,981	27,774	27,311
12	22	98 977	69 420,686	1 914 907,347	27,584	27,121
13	23	98 954	67 383,112	1 845 486,661	27,388	26,925
14	24	98 927	65 402,452	1 778 103,549	27,187	26,724
15	25	98 896	63 477,488	1 712 701,097	26,981	26,518
16	26	98 861	61 607,055	1 649 223,609	26,770	26,307
17	27	98 818	59 786,619	1 587 616,554	26,555	26,091
18	28	98 770	58 016,826	1 527 829,935	26,334	25,871
19	29	98 709	56 292,165	1 469 813,108	26,110	25,647
20	30	98 644	54 616,717	1 413 520,944	25,881	25,418
21	31	98 570	52 986,231	1 358 904,227	25,646	25,183
22	32	98 499	51 405,949	1 305 917,995	25,404	24,941
23	33	98 421	49 868,954	1 254 512,046	25,156	24,693
24	34	98 345	48 379,193	1 204 643,092	24,900	24,437
25	35	98 258	46 928,725	1 156 263,899	24,639	24,175
26	36	98 175	45 523,148	1 109 335,174	24,369	23,905
27	37	98 085	44 156,695	1 063 812,026	24,092	23,629
28	38	97 993	42 830,439	1 019 655,331	23,807	23,344
29	39	97 886	41 537,716	976 824,891	23,517	23,053
30	40	97 776	40 282,613	935 287,175	23,218	22,755
31	41	97 655	39 060,575	895 004,562	22,913	22,450
32	42	97 522	37 871,477	855 943,987	22,601	22,138
33	43	97 383	36 715,946	818 072,510	22,281	21,818
34	44	97 223	35 588,122	781 356,564	21,956	21,492
35	45	97 054	34 491,477	745 768,442	21,622	21,159
36	46	96 865	33 421,452	711 276,965	21,282	20,819
37	47	96 664	32 380,652	677 855,513	20,934	20,471
38	48	96 437	31 363,686	645 474,861	20,580	20,117
39	49	96 180	30 369,182	614 111,176	20,222	19,758
40	50	95 905	29 400,314	583 741,994	19,855	19,392
41	51	95 609	28 455,832	554 341,680	19,481	19,018
42	52	95 277	27 531,055	525 885,848	19,102	18,638
43	53	94 917	26 628,401	498 354,793	18,715	18,252
44	54	94 528	25 746,730	471 726,392	18,322	17,859
45	55	94 085	24 879,803	445 979,662	17,925	17,462
46	56	93 596	24 029,595	421 099,859	17,524	17,061
47	57	93 058	23 195,597	397 070,264	17,118	16,655
48	58	92 474	22 378,510	373 874,667	16,707	16,244
49	59	91 827	21 574,766	351 496,157	16,292	15,829
50	60	91 123	20 785,849	329 921,392	15,872	15,409
51	61	90 341	20 007,235	309 135,543	15,451	14,988
52	62	89 495	19 242,554	289 128,308	15,025	14,562
53	63	88 578	18 490,604	269 885,754	14,596	14,133
54	64	87 567	17 747,128	251 395,150	14,165	13,702
55	65	86 450	17 010,549	233 648,022	13,735	13,272
56	66	85 254	16 286,596	216 637,473	13,302	12,838
57	67	83 950	15 570,432	200 350,877	12,867	12,404
58	68	82 545	14 863,791	184 780,446	12,432	11,968
59	69	81 014	14 163,364	169 916,655	11,997	11,534
60	70	79 363	13 470,480	155 753,291	11,563	11,099
61	71	77 592	12 786,413	142 282,811	11,128	10,664
62	72	75 701	12 111,403	129 496,399	10,692	10,229
63	73	73 689	11 446,123	117 384,996	10,255	9,792
64	74	71 539	10 788,457	105 938,874	9,820	9,356
65	75	69 261	10 140,717	95 150,417	9,383	8,920
66	76	66 881	9 507,110	85 009,700	8,942	8,478
67	77	64 352	8 881,174	75 502,590	8,501	8,038
68	78	61 690	8 265,834	66 621,416	8,060	7,597
69	79	58 846	7 655,112	58 355,581	7,623	7,160
70	80	55 795	7 046,783	50 700,469	7,195	6,732
71	81	52 562	6 445,063	43 653,686	6,773	6,310
72	82	49 079	5 842,720	37 208,623	6,368	5,905
73	83	45 434	5 251,244	31 365,903	5,973	5,510
74	84	41 625	4 670,918	26 114,659	5,591	5,128
75	85	37 703	4 107,584	21 443,741	5,221	4,757
76	86	33 662	3 560,490	17 336,157	4,869	4,406
77	87	29 585	3 038,128	13 775,668	4,534	4,071
78	88	25 545	2 546,795	10 737,540	4,216	3,753
79	89	21 598	2 090,650	8 190,745	3,918	3,455
80	90	17 852	1 677,698	6 100,096	3,636	3,173
81	91	14 361	1 310,269	4 422,398	3,375	2,912
82	92	11 182	990,527	3 112,129	3,142	2,679
83	93	8 425	724,591	2 121,602	2,928	2,465
84	94	6 122	511,143	1 397,011	2,733	2,270
85	95	4 279	346,890	885,868	2,554	2,091
86	96	2 863	225,311	538,979	2,392	1,929
87	97	1 804	137,869	313,668	2,275	1,812
88	98	1 098	81,434	175,798	2,159	1,696
89	99	642	46,231	94,365	2,041	1,578
90	100	355	24,846	48,134	1,937	1,474

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 601	99 601,371	2 922 726,697	29,344	28,881
1	12	99 239	96 348,437	2 823 125,326	29,301	28,838
2	13	99 204	93 508,972	2 726 776,889	29,161	28,697
3	14	99 179	90 762,685	2 633 267,917	29,013	28,549
4	15	99 159	88 101,388	2 542 505,232	28,859	28,396
5	16	99 136	85 515,810	2 454 403,844	28,701	28,238
6	17	99 112	83 004,494	2 368 888,034	28,539	28,076
7	18	99 089	80 568,589	2 285 883,540	28,372	27,909
8	19	99 061	78 199,784	2 205 314,951	28,201	27,738
9	20	99 035	75 902,358	2 127 115,167	28,024	27,561
10	21	99 009	73 672,091	2 051 212,809	27,842	27,379
11	22	98 985	71 508,841	1 977 540,718	27,654	27,191
12	23	98 961	69 409,383	1 906 031,877	27,461	26,997
13	24	98 937	67 370,985	1 836 622,494	27,261	26,798
14	25	98 909	65 390,684	1 769 251,508	27,057	26,593
15	26	98 877	63 465,413	1 703 860,824	26,847	26,384
16	27	98 843	61 595,461	1 640 395,412	26,632	26,169
17	28	98 797	59 773,754	1 578 799,950	26,413	25,950
18	29	98 746	58 003,155	1 519 026,196	26,189	25,725
19	30	98 683	56 277,598	1 461 023,041	25,961	25,498
20	31	98 613	54 599,396	1 404 745,443	25,728	25,265
21	32	98 539	52 969,594	1 350 146,047	25,489	25,026
22	33	98 465	51 388,336	1 297 176,453	25,243	24,779
23	34	98 385	49 850,985	1 245 788,117	24,990	24,527
24	35	98 305	48 359,551	1 195 937,132	24,730	24,267
25	36	98 218	46 909,385	1 147 577,581	24,464	24,000
26	37	98 130	45 502,276	1 100 668,196	24,189	23,726
27	38	98 038	44 135,736	1 055 165,921	23,907	23,444
28	39	97 934	42 804,602	1 011 030,185	23,620	23,156
29	40	97 828	41 512,746	968 225,583	23,324	22,860
30	41	97 709	40 254,991	926 712,837	23,021	22,558
31	42	97 582	39 031,660	886 457,846	22,711	22,248
32	43	97 445	37 841,416	847 426,186	22,394	21,931
33	44	97 295	36 682,606	809 584,770	22,070	21,607
34	45	97 129	35 553,581	772 902,164	21,739	21,276
35	46	96 942	34 451,735	737 348,583	21,402	20,939
36	47	96 747	33 380,761	702 896,849	21,057	20,594
37	48	96 531	32 336,280	669 516,088	20,705	20,242
38	49	96 283	31 313,690	637 179,807	20,348	19,885
39	50	96 012	30 316,095	605 866,117	19,985	19,522
40	51	95 727	29 345,829	575 550,022	19,613	19,149
41	52	95 404	28 394,859	546 204,193	19,236	18,773
42	53	95 054	27 466,826	517 809,334	18,852	18,389
43	54	94 674	26 560,028	490 342,508	18,462	17,998
44	55	94 255	25 672,356	463 782,480	18,065	17,602
45	56	93 780	24 799,057	438 110,124	17,666	17,203
46	57	93 262	23 943,642	413 311,067	17,262	16,799
47	58	92 693	23 104,575	389 367,425	16,852	16,389
48	59	92 071	22 281,176	366 262,851	16,438	15,975
49	60	91 395	21 473,227	343 981,674	16,019	15,556
50	61	90 642	20 676,184	322 508,447	15,598	15,135
51	62	89 827	19 893,476	301 832,264	15,172	14,709
52	63	88 946	19 124,512	281 938,788	14,742	14,279
53	64	87 980	18 365,813	262 814,276	14,310	13,847
54	65	86 912	17 614,509	244 448,463	13,878	13,414
55	66	85 761	16 874,968	226 833,954	13,442	12,979
56	67	84 507	16 143,891	209 958,986	13,005	12,542
57	68	83 154	15 422,790	193 815,096	12,567	12,104
58	69	81 681	14 708,231	178 392,306	12,129	11,666
59	70	80 078	13 999,712	163 684,075	11,692	11,229
60	71	78 363	13 300,768	149 684,363	11,254	10,791
61	72	76 529	12 611,216	136 383,595	10,814	10,351
62	73	74 580	11 931,989	123 772,379	10,373	9,910
63	74	72 479	11 258,221	111 840,390	9,934	9,471
64	75	70 262	10 595,957	100 582,169	9,493	9,029
65	76	67 929	9 945,697	89 986,212	9,048	8,585
66	77	65 439	9 302,080	80 040,515	8,605	8,141
67	78	62 821	8 669,834	70 738,435	8,159	7,696
68	79	59 997	8 038,954	62 068,601	7,721	7,258
69	80	56 998	7 414,631	54 029,648	7,287	6,824
70	81	53 761	6 789,847	46 615,017	6,865	6,402
71	82	50 319	6 170,027	39 825,170	6,455	5,991
72	83	46 655	5 554,212	33 655,143	6,059	5,596
73	84	42 857	4 953,438	28 100,931	5,673	5,210
74	85	38 913	4 366,546	23 147,492	5,301	4,838
75	86	34 833	3 794,895	18 780,946	4,949	4,486
76	87	30 727	3 250,086	14 986,050	4,611	4,148
77	88	26 628	2 734,480	11 735,964	4,292	3,829
78	89	22 627	2 255,946	9 001,484	3,990	3,527
79	90	18 801	1 819,873	6 745,538	3,707	3,243
80	91	15 219	1 430,277	4 925,665	3,444	2,981
81	92	11 953	1 090,623	3 495,388	3,205	2,742
82	93	9 085	804,802	2 404,765	2,988	2,525
83	94	6 665	573,170	1 599,964	2,791	2,328
84	95	4 713	393,496	1 026,794	2,609	2,146
85	96	3 197	259,204	633,298	2,443	1,980
86	97	2 045	160,950	374,094	2,324	1,861
87	98	1 265	96,644	213,144	2,205	1,742
88	99	754	55,935	116,500	2,083	1,620
89	100	426	30,652	60,565	1,976	1,513

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 594	99 593,669	2 913 229,826	29,251	28,788
1	13	99 231	96 340,871	2 813 636,157	29,205	28,742
2	14	99 194	93 500,162	2 717 295,286	29,062	28,599
3	15	99 170	90 754,316	2 623 795,124	28,911	28,448
4	16	99 147	88 090,669	2 533 040,808	28,755	28,292
5	17	99 122	85 503,218	2 444 950,139	28,595	28,132
6	18	99 098	82 993,192	2 359 446,921	28,429	27,966
7	19	99 070	80 552,716	2 276 453,729	28,260	27,797
8	20	99 044	78 186,115	2 195 901,013	28,086	27,622
9	21	99 017	75 888,326	2 117 714,898	27,906	27,442
10	22	98 993	73 659,942	2 041 826,572	27,720	27,256
11	23	98 969	71 497,199	1 968 166,630	27,528	27,065
12	24	98 943	69 396,892	1 896 669,431	27,331	26,868
13	25	98 919	67 358,863	1 827 272,539	27,127	26,664
14	26	98 890	65 378,245	1 759 913,676	26,919	26,456
15	27	98 858	63 453,469	1 694 535,431	26,705	26,242
16	28	98 821	61 582,207	1 631 081,962	26,486	26,023
17	29	98 774	59 759,669	1 569 499,755	26,264	25,800
18	30	98 721	57 988,146	1 509 740,087	26,035	25,572
19	31	98 652	56 259,751	1 451 751,941	25,804	25,341
20	32	98 582	54 582,252	1 395 492,190	25,567	25,104
21	33	98 505	52 951,445	1 340 909,938	25,323	24,860
22	34	98 430	51 369,819	1 287 958,493	25,072	24,609
23	35	98 345	49 830,746	1 236 588,674	24,816	24,353
24	36	98 264	48 339,621	1 186 757,928	24,550	24,087
25	37	98 173	46 887,877	1 138 418,308	24,280	23,816
26	38	98 083	45 480,677	1 091 530,431	24,000	23,537
27	39	97 979	44 109,111	1 046 049,754	23,715	23,252
28	40	97 875	42 778,870	1 001 940,643	23,421	22,958
29	41	97 760	41 484,281	959 161,773	23,121	22,658
30	42	97 637	40 225,192	917 677,492	22,814	22,350
31	43	97 505	39 000,678	877 452,300	22,498	22,035
32	44	97 356	37 807,054	838 451,622	22,177	21,714
33	45	97 200	36 647,002	800 644,568	21,847	21,384
34	46	97 017	35 512,615	763 997,566	21,513	21,050
35	47	96 824	34 409,789	728 484,951	21,171	20,708
36	48	96 614	33 335,019	694 075,162	20,821	20,358
37	49	96 377	32 284,735	660 740,142	20,466	20,003
38	50	96 115	31 258,952	628 455,408	20,105	19,642
39	51	95 834	30 259,913	597 196,456	19,736	19,272
40	52	95 522	29 282,950	566 936,543	19,361	18,897
41	53	95 181	28 328,615	537 653,593	18,979	18,516
42	54	94 810	27 396,300	509 324,978	18,591	18,128
43	55	94 400	26 483,304	481 928,678	18,197	17,734
44	56	93 949	25 589,037	455 445,374	17,798	17,335
45	57	93 445	24 710,351	429 856,336	17,396	16,933
46	58	92 896	23 849,684	405 145,985	16,987	16,524
47	59	92 290	23 004,083	381 296,301	16,575	16,112
48	60	91 638	22 176,313	358 292,217	16,157	15,693
49	61	90 913	21 359,935	336 115,904	15,736	15,273
50	62	90 127	20 558,621	314 755,969	15,310	14,847
51	63	89 276	19 771,441	294 197,348	14,880	14,417
52	64	88 346	18 995,442	274 425,907	14,447	13,984
53	65	87 322	18 228,571	255 430,465	14,013	13,549
54	66	86 219	17 474,114	237 201,894	13,574	13,111
55	67	85 010	16 727,107	219 727,780	13,136	12,673
56	68	83 706	15 990,811	203 000,672	12,695	12,232
57	69	82 284	15 261,380	187 009,862	12,254	11,791
58	70	80 737	14 538,284	171 748,482	11,814	11,350
59	71	79 070	13 823,332	157 210,198	11,373	10,910
60	72	77 289	13 118,524	143 386,866	10,930	10,467
61	73	75 396	12 424,399	130 268,342	10,485	10,022
62	74	73 355	11 736,112	117 843,944	10,041	9,578
63	75	71 186	11 057,339	106 107,832	9,596	9,133
64	76	68 911	10 392,182	95 050,493	9,146	8,683
65	77	66 464	9 731,209	84 658,311	8,700	8,236
66	78	63 882	9 080,723	74 927,103	8,251	7,788
67	79	61 097	8 431,864	65 846,380	7,809	7,346
68	80	58 112	7 786,414	57 414,516	7,374	6,910
69	81	54 920	7 144,282	49 628,101	6,947	6,483
70	82	51 467	6 500,098	42 483,819	6,536	6,073
71	83	47 834	5 865,358	35 983,721	6,135	5,672
72	84	44 010	5 239,225	30 118,364	5,749	5,285
73	85	40 065	4 630,657	24 879,139	5,373	4,909
74	86	35 951	4 034,144	20 248,482	5,019	4,556
75	87	31 796	3 464,056	16 214,338	4,681	4,218
76	88	27 656	2 925,255	12 750,281	4,359	3,895
77	89	23 587	2 422,197	9 825,026	4,056	3,593
78	90	19 697	1 963,760	7 402,829	3,770	3,306
79	91	16 028	1 551,485	5 439,069	3,506	3,042
80	92	12 668	1 190,513	3 887,583	3,265	2,802
81	93	9 712	886,129	2 697,070	3,044	2,580
82	94	7 187	636,619	1 810,941	2,845	2,381
83	95	5 131	441,246	1 174,322	2,661	2,198
84	96	3 521	294,029	733,076	2,493	2,030
85	97	2 284	185,162	439,047	2,371	1,908
86	98	1 434	112,823	253,886	2,250	1,787
87	99	869	66,383	141,062	2,125	1,662
88	100	500	37,087	74,680	2,014	1,550

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 586	99 585,848	2 903 228,913	29,153	28,690
1	14	99 222	96 331,794	2 803 643,065	29,104	28,641
2	15	99 185	93 491,541	2 707 311,271	28,958	28,495
3	16	99 158	90 743,275	2 613 819,730	28,805	28,341
4	17	99 132	88 077,698	2 523 076,455	28,646	28,183
5	18	99 108	85 491,576	2 434 998,757	28,482	28,019
6	19	99 079	82 976,841	2 349 507,181	28,315	27,852
7	20	99 052	80 538,636	2 266 530,341	28,142	27,679
8	21	99 026	78 171,660	2 185 991,705	27,964	27,501
9	22	99 001	75 875,812	2 107 820,044	27,780	27,317
10	23	98 977	73 647,950	2 031 944,232	27,590	27,127
11	24	98 951	71 484,332	1 958 296,282	27,395	26,932
12	25	98 926	69 384,405	1 886 811,951	27,194	26,730
13	26	98 900	67 346,050	1 817 427,546	26,986	26,523
14	27	98 872	65 365,941	1 750 081,496	26,774	26,310
15	28	98 837	63 439,815	1 684 715,555	26,556	26,093
16	29	98 798	61 567,695	1 621 275,741	26,333	25,870
17	30	98 748	59 744,205	1 559 708,045	26,106	25,643
18	31	98 690	57 969,756	1 499 963,840	25,875	25,412
19	32	98 621	56 242,085	1 441 994,084	25,639	25,176
20	33	98 548	54 563,551	1 385 751,999	25,397	24,934
21	34	98 470	52 932,365	1 331 188,448	25,149	24,686
22	35	98 390	51 348,963	1 278 256,083	24,894	24,430
23	36	98 305	49 810,209	1 226 907,120	24,632	24,168
24	37	98 219	48 317,457	1 177 096,912	24,362	23,899
25	38	98 126	46 865,621	1 128 779,454	24,085	23,622
26	39	98 024	45 453,241	1 081 913,834	23,803	23,340
27	40	97 920	44 082,595	1 036 460,593	23,512	23,049
28	41	97 808	42 749,537	992 377,998	23,214	22,751
29	42	97 688	41 453,572	949 628,461	22,908	22,445
30	43	97 560	40 193,263	908 174,889	22,595	22,132
31	44	97 416	38 965,263	867 981,626	22,276	21,813
32	45	97 262	37 770,359	829 016,363	21,949	21,486
33	46	97 088	36 604,776	791 246,004	21,616	21,153
34	47	96 899	35 469,378	754 641,228	21,276	20,813
35	48	96 692	34 362,637	719 171,850	20,929	20,466
36	49	96 460	33 281,882	684 809,213	20,576	20,113
37	50	96 209	32 228,299	651 527,331	20,216	19,753
38	51	95 936	31 201,023	619 299,033	19,849	19,385
39	52	95 629	30 195,075	588 098,010	19,477	19,013
40	53	95 299	29 214,634	557 902,935	19,097	18,633
41	54	94 937	28 255,877	528 688,301	18,711	18,248
42	55	94 536	27 317,161	500 432,424	18,319	17,856
43	56	94 094	26 397,354	473 115,264	17,923	17,460
44	57	93 613	25 497,506	446 717,910	17,520	17,057
45	58	93 078	24 613,385	421 220,404	17,113	16,650
46	59	92 492	23 745,952	396 607,019	16,702	16,239
47	60	91 856	22 895,818	372 861,067	16,285	15,822
48	61	91 155	22 059,312	349 965,249	15,865	15,402
49	62	90 396	21 238,485	327 905,937	15,439	14,976
50	63	89 574	20 432,506	306 667,452	15,009	14,546
51	64	88 674	19 638,005	286 234,947	14,576	14,112
52	65	87 685	18 853,496	266 596,941	14,140	13,677
53	66	86 626	18 083,282	247 743,446	13,700	13,237
54	67	85 464	17 321,004	229 660,164	13,259	12,796
55	68	84 204	16 568,497	212 339,161	12,816	12,353
56	69	82 830	15 823,456	195 770,663	12,372	11,909
57	70	81 333	15 085,041	179 947,207	11,929	11,466
58	71	79 720	14 355,119	164 862,167	11,485	11,021
59	72	77 986	13 633,928	150 507,048	11,039	10,576
60	73	76 144	12 924,191	136 873,120	10,590	10,127
61	74	74 158	12 220,438	123 948,929	10,143	9,680
62	75	72 047	11 526,702	111 728,491	9,693	9,230
63	76	69 817	10 844,691	100 201,789	9,240	8,776
64	77	67 425	10 168,065	89 357,097	8,788	8,325
65	78	64 882	9 499,640	79 189,033	8,336	7,873
66	79	62 128	8 831,475	69 689,393	7,891	7,428
67	80	59 177	8 166,981	60 857,918	7,452	6,988
68	81	55 994	7 502,510	52 690,936	7,023	6,560
69	82	52 576	6 839,408	45 188,426	6,607	6,144
70	83	48 925	6 179,130	38 349,018	6,206	5,743
71	84	45 121	5 532,725	32 169,888	5,814	5,351
72	85	41 142	4 897,820	26 637,163	5,439	4,975
73	86	37 015	4 278,149	21 739,343	5,081	4,618
74	87	32 816	3 682,448	17 461,193	4,742	4,279
75	88	28 618	3 117,840	13 778,746	4,419	3,956
76	89	24 498	2 591,185	10 660,906	4,114	3,651
77	90	20 532	2 108,479	8 069,721	3,827	3,364
78	91	16 792	1 674,153	5 961,242	3,561	3,098
79	92	13 341	1 291,403	4 287,089	3,320	2,856
80	93	10 293	967,290	2 995,686	3,097	2,634
81	94	7 683	700,951	2 028,396	2,894	2,431
82	95	5 533	490,091	1 327,446	2,709	2,245
83	96	3 834	329,709	837,354	2,540	2,076
84	97	2 516	210,039	507,645	2,417	1,954
85	98	1 601	129,795	297,606	2,293	1,830
86	99	985	77,496	167,812	2,165	1,702
87	100	576	44,014	90,315	2,052	1,589

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,466	2 892 714,715	29,050	28,587
1	15	99 213	96 322,912	2 793 138,249	28,998	28,534
2	16	99 173	93 480,166	2 696 815,337	28,849	28,386
3	17	99 143	90 729,913	2 603 335,171	28,693	28,230
4	18	99 119	88 065,705	2 512 605,258	28,531	28,068
5	19	99 089	85 474,732	2 424 539,553	28,366	27,902
6	20	99 061	82 962,337	2 339 064,821	28,194	27,731
7	21	99 034	80 523,746	2 256 102,484	28,018	27,555
8	22	99 009	78 158,770	2 175 578,737	27,835	27,372
9	23	98 985	75 863,458	2 097 419,967	27,647	27,184
10	24	98 959	73 634,696	2 021 556,509	27,454	26,991
11	25	98 933	71 471,469	1 947 921,813	27,255	26,791
12	26	98 907	69 371,207	1 876 450,344	27,049	26,586
13	27	98 881	67 333,375	1 807 079,137	26,838	26,375
14	28	98 851	65 351,875	1 739 745,762	26,621	26,158
15	29	98 814	63 424,866	1 674 393,887	26,400	25,936
16	30	98 773	61 551,764	1 610 969,021	26,173	25,709
17	31	98 717	59 725,258	1 549 417,258	25,942	25,479
18	32	98 659	57 951,554	1 489 691,999	25,706	25,243
19	33	98 587	56 222,815	1 431 740,446	25,465	25,002
20	34	98 512	54 543,890	1 375 517,631	25,219	24,755
21	35	98 430	52 910,874	1 320 973,741	24,966	24,503
22	36	98 349	51 327,801	1 268 062,867	24,705	24,242
23	37	98 260	49 787,371	1 216 735,066	24,439	23,975
24	38	98 173	48 294,523	1 166 947,695	24,163	23,700
25	39	98 067	46 837,349	1 118 653,173	23,884	23,421
26	40	97 965	45 425,917	1 071 815,823	23,595	23,132
27	41	97 853	44 052,368	1 026 389,906	23,299	22,836
28	42	97 735	42 717,891	982 337,539	22,996	22,533
29	43	97 611	41 420,668	939 619,648	22,685	22,222
30	44	97 471	40 156,765	898 198,980	22,367	21,904
31	45	97 322	38 927,444	858 042,216	22,042	21,579
32	46	97 150	37 726,839	819 114,771	21,712	21,249
33	47	96 970	36 560,210	781 387,933	21,373	20,909
34	48	96 766	35 420,774	744 827,723	21,028	20,565
35	49	96 538	34 307,862	709 406,949	20,678	20,214
36	50	96 292	33 223,702	675 099,088	20,320	19,857
37	51	96 030	32 168,573	641 875,385	19,953	19,490
38	52	95 731	31 134,168	609 706,812	19,583	19,120
39	53	95 406	30 124,631	578 572,643	19,206	18,743
40	54	95 055	29 139,620	548 448,013	18,821	18,358
41	55	94 663	28 174,254	519 308,392	18,432	17,969
42	56	94 230	27 228,504	491 134,138	18,037	17,574
43	57	93 757	26 302,931	463 905,634	17,637	17,174
44	58	93 246	25 397,451	437 602,703	17,230	16,767
45	59	92 673	24 506,331	412 205,252	16,820	16,357
46	60	92 056	23 634,195	387 698,921	16,404	15,941
47	61	91 371	22 775,020	364 064,726	15,985	15,522
48	62	90 636	21 933,885	341 289,706	15,560	15,097
49	63	89 841	21 108,199	319 355,820	15,129	14,666
50	64	88 970	20 294,609	298 247,622	14,696	14,233
51	65	88 011	19 491,257	277 953,013	14,260	13,797
52	66	86 987	18 703,225	258 461,756	13,819	13,356
53	67	85 867	17 924,834	239 758,531	13,376	12,913
54	68	84 654	17 156,762	221 833,697	12,930	12,467
55	69	83 322	16 395,097	204 676,935	12,484	12,021
56	70	81 873	15 640,622	188 281,838	12,038	11,575
57	71	80 309	14 894,987	172 641,216	11,591	11,127
58	72	78 627	14 158,428	157 746,228	11,142	10,678
59	73	76 831	13 431,960	143 587,800	10,690	10,227
60	74	74 894	12 712,026	130 155,840	10,239	9,776
61	75	72 835	12 002,386	117 443,814	9,785	9,322
62	76	70 661	11 305,028	105 441,428	9,327	8,864
63	77	68 312	10 610,815	94 136,400	8,872	8,409
64	78	65 820	9 926,100	83 525,585	8,415	7,952
65	79	63 101	9 238,894	73 599,484	7,966	7,503
66	80	60 177	8 554,039	64 360,591	7,524	7,061
67	81	57 020	7 869,201	55 806,551	7,092	6,629
68	82	53 604	7 182,349	47 937,350	6,674	6,211
69	83	49 980	6 501,685	40 755,002	6,268	5,805
70	84	46 151	5 828,703	34 253,316	5,877	5,413
71	85	42 181	5 172,195	28 424,614	5,496	5,032
72	86	38 010	4 524,976	23 252,419	5,139	4,675
73	87	33 788	3 905,180	18 727,443	4,796	4,332
74	88	29 537	3 314,404	14 822,263	4,472	4,009
75	89	25 350	2 761,776	11 507,859	4,167	3,704
76	90	21 325	2 255,580	8 746,083	3,878	3,414
77	91	17 504	1 797,529	6 490,503	3,611	3,148
78	92	13 977	1 393,507	4 692,974	3,368	2,905
79	93	10 840	1 049,262	3 299,467	3,145	2,681
80	94	8 142	765,151	2 250,205	2,941	2,478
81	95	5 914	539,616	1 485,053	2,752	2,289
82	96	4 134	366,207	945,437	2,582	2,118
83	97	2 739	235,527	579,229	2,459	1,996
84	98	1 763	147,233	343,703	2,334	1,871
85	99	1 100	89,154	196,469	2,204	1,740
86	100	653	51,383	107,316	2,089	1,625

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 567	99 567,285	2 881 679,494	28,942	28,479
1	16	99 201	96 311,193	2 782 112,209	28,887	28,423
2	17	99 159	93 466,401	2 685 801,016	28,735	28,272
3	18	99 130	90 717,559	2 592 334,615	28,576	28,113
4	19	99 099	88 048,355	2 501 617,056	28,412	27,949
5	20	99 071	85 459,792	2 413 568,701	28,242	27,779
6	21	99 043	82 946,999	2 328 108,909	28,067	27,604
7	22	99 018	80 510,468	2 245 161,910	27,887	27,423
8	23	98 993	78 146,045	2 164 651,442	27,700	27,237
9	24	98 967	75 849,806	2 086 505,397	27,508	27,045
10	25	98 941	73 621,446	2 010 655,591	27,311	26,848
11	26	98 914	71 457,873	1 937 034,145	27,107	26,644
12	27	98 888	69 358,151	1 865 576,271	26,898	26,434
13	28	98 860	67 318,886	1 796 218,120	26,682	26,219
14	29	98 827	65 336,475	1 728 899,234	26,461	25,998
15	30	98 788	63 408,453	1 663 562,759	26,236	25,772
16	31	98 741	61 532,244	1 600 154,305	26,005	25,542
17	32	98 686	59 706,505	1 538 622,062	25,770	25,307
18	33	98 625	57 931,698	1 478 915,557	25,529	25,065
19	34	98 552	56 202,556	1 420 983,859	25,283	24,820
20	35	98 472	54 521,745	1 364 781,303	25,032	24,569
21	36	98 389	52 889,068	1 310 259,558	24,774	24,311
22	37	98 304	51 304,267	1 257 370,490	24,508	24,045
23	38	98 213	49 763,739	1 206 066,223	24,236	23,773
24	39	98 114	48 265,389	1 156 302,484	23,957	23,494
25	40	98 008	46 809,193	1 108 037,095	23,671	23,208
26	41	97 898	45 394,769	1 061 227,902	23,378	22,915
27	42	97 781	44 019,757	1 015 833,134	23,077	22,614
28	43	97 658	42 683,983	971 813,376	22,768	22,304
29	44	97 522	41 383,055	929 129,393	22,452	21,989
30	45	97 376	40 117,789	887 746,338	22,128	21,665
31	46	97 210	38 882,591	847 628,549	21,800	21,336
32	47	97 031	37 680,906	808 745,958	21,463	21,000
33	48	96 837	36 510,111	771 065,053	21,119	20,656
34	49	96 612	35 364,312	734 554,941	20,771	20,308
35	50	96 369	34 247,889	699 190,630	20,416	19,952
36	51	96 113	33 162,132	664 942,741	20,051	19,588
37	52	95 825	32 099,646	631 780,609	19,682	19,219
38	53	95 507	31 061,533	599 680,963	19,306	18,843
39	54	95 161	30 047,281	568 619,429	18,924	18,461
40	55	94 780	29 055,445	538 572,149	18,536	18,073
41	56	94 355	28 082,816	509 516,704	18,143	17,680
42	57	93 893	27 131,109	481 433,888	17,745	17,281
43	58	93 389	26 199,715	454 302,779	17,340	16,877
44	59	92 840	25 286,987	428 103,064	16,930	16,467
45	60	92 237	24 390,996	402 816,077	16,515	16,052
46	61	91 571	23 509,502	378 425,082	16,097	15,633
47	62	90 851	22 645,524	354 915,580	15,673	15,209
48	63	90 080	21 799,333	332 270,055	15,242	14,779
49	64	89 235	20 965,742	310 470,722	14,808	14,345
50	65	88 305	20 142,954	289 504,981	14,373	13,909
51	66	87 310	19 335,903	269 362,027	13,931	13,467
52	67	86 224	18 539,345	250 026,124	13,486	13,023
53	68	85 053	17 754,867	231 486,779	13,038	12,575
54	69	83 768	16 977,205	213 731,912	12,589	12,126
55	70	82 360	16 205,658	196 754,707	12,141	11,678
56	71	80 841	15 443,569	180 549,049	11,691	11,228
57	72	79 208	14 690,899	165 105,479	11,239	10,775
58	73	77 463	13 948,691	150 414,580	10,783	10,320
59	74	75 570	13 211,459	136 465,889	10,329	9,866
60	75	73 558	12 485,203	123 254,430	9,872	9,409
61	76	71 434	11 771,564	110 769,227	9,410	8,947
62	77	69 137	11 061,224	98 997,663	8,950	8,487
63	78	66 686	10 358,315	87 936,438	8,489	8,026
64	79	64 014	9 653,649	77 578,123	8,036	7,573
65	80	61 119	8 948,659	67 924,475	7,590	7,127
66	81	57 983	8 242,146	58 975,816	7,155	6,692
67	82	54 586	7 533,392	50 733,670	6,735	6,271
68	83	50 957	6 827,692	43 200,278	6,327	5,864
69	84	47 145	6 132,965	36 372,586	5,931	5,467
70	85	43 143	5 448,886	30 239,621	5,550	5,086
71	86	38 970	4 778,463	24 790,735	5,188	4,725
72	87	34 696	4 130,488	20 012,271	4,845	4,382
73	88	30 411	3 514,875	15 881,783	4,518	4,055
74	89	26 163	2 935,892	12 366,908	4,212	3,749
75	90	22 067	2 404,077	9 431,016	3,923	3,460
76	91	18 180	1 922,936	7 026,939	3,654	3,191
77	92	14 570	1 496,201	5 104,003	3,411	2,948
78	93	11 356	1 132,222	3 607,802	3,186	2,723
79	94	8 575	829,994	2 475,580	2,983	2,519
80	95	6 268	589,040	1 645,587	2,794	2,330
81	96	4 419	403,214	1 056,547	2,620	2,157
82	97	2 953	261,599	653,333	2,497	2,034
83	98	1 920	165,100	391,734	2,373	1,909
84	99	1 211	101,132	226,634	2,241	1,778
85	100	729	59,112	125,502	2,123	1,660

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 555	99 555,170	2 870 113,648	28,829	28,366
1	17	99 186	96 297,011	2 770 558,478	28,771	28,308
2	18	99 145	93 453,675	2 674 261,466	28,616	28,153
3	19	99 110	90 699,686	2 580 807,792	28,454	27,991
4	20	99 082	88 032,965	2 490 108,106	28,286	27,823
5	21	99 053	85 443,993	2 402 075,141	28,113	27,650
6	22	99 027	82 933,321	2 316 631,148	27,934	27,470
7	23	99 002	80 497,360	2 233 697,827	27,749	27,285
8	24	98 975	78 131,982	2 153 200,467	27,559	27,095
9	25	98 949	75 836,158	2 075 068,485	27,363	26,899
10	26	98 922	73 607,442	1 999 232,328	27,161	26,698
11	27	98 896	71 444,425	1 925 624,886	26,953	26,490
12	28	98 867	69 343,226	1 854 180,461	26,739	26,276
13	29	98 837	67 303,023	1 784 837,234	26,519	26,056
14	30	98 802	65 319,568	1 717 534,211	26,294	25,831
15	31	98 757	63 388,345	1 652 214,643	26,065	25,602
16	32	98 710	61 512,923	1 588 826,298	25,829	25,366
17	33	98 652	59 686,047	1 527 313,375	25,589	25,126
18	34	98 589	57 910,823	1 467 627,328	25,343	24,880
19	35	98 512	56 179,738	1 409 716,505	25,093	24,630
20	36	98 432	54 499,275	1 353 536,767	24,836	24,373
21	37	98 344	52 864,819	1 299 037,492	24,573	24,110
22	38	98 258	51 279,915	1 246 172,673	24,301	23,838
23	39	98 154	49 733,719	1 194 892,759	24,026	23,563
24	40	98 055	48 236,374	1 145 159,040	23,741	23,277
25	41	97 941	46 777,096	1 096 922,666	23,450	22,987
26	42	97 825	45 361,165	1 050 145,569	23,151	22,688
27	43	97 703	43 984,816	1 004 784,405	22,844	22,381
28	44	97 569	42 645,223	960 799,588	22,530	22,067
29	45	97 427	41 342,890	918 154,365	22,208	21,745
30	46	97 264	40 071,564	876 811,476	21,881	21,418
31	47	97 091	38 835,250	836 739,911	21,546	21,083
32	48	96 898	37 629,271	797 904,661	21,204	20,741
33	49	96 683	36 451,912	760 275,389	20,857	20,394
34	50	96 443	35 302,492	723 823,477	20,503	20,040
35	51	96 190	34 184,421	688 520,985	20,141	19,678
36	52	95 907	33 091,076	654 336,564	19,774	19,311
37	53	95 601	32 024,758	621 245,488	19,399	18,936
38	54	95 262	30 981,778	589 220,730	19,018	18,555
39	55	94 886	29 960,483	558 238,952	18,633	18,169
40	56	94 472	28 961,147	528 278,469	18,241	17,778
41	57	94 018	27 982,365	499 317,322	17,844	17,381
42	58	93 524	27 024,643	471 334,958	17,441	16,978
43	59	92 983	26 085,762	444 310,315	17,033	16,569
44	60	92 403	25 167,977	418 224,553	16,617	16,154
45	61	91 750	24 262,310	393 056,576	16,200	15,737
46	62	91 050	23 375,830	368 794,266	15,777	15,314
47	63	90 294	22 506,607	345 418,436	15,347	14,884
48	64	89 472	21 652,212	322 911,830	14,914	14,450
49	65	88 568	20 809,072	301 259,618	14,477	14,014

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
50	66	87 601	19 982,406	280 450,547	14,035	13,572
51	67	86 545	19 166,479	260 468,141	13,590	13,127
52	68	85 407	18 363,551	241 301,661	13,140	12,677
53	69	84 163	17 569,050	222 938,110	12,689	12,226
54	70	82 800	16 781,040	205 369,060	12,238	11,775
55	71	81 322	16 001,486	188 588,020	11,786	11,322
56	72	79 733	15 231,965	172 586,533	11,331	10,867
57	73	78 035	14 473,275	157 354,568	10,872	10,409
58	74	76 191	13 719,707	142 881,294	10,414	9,951
59	75	74 221	12 975,725	129 161,587	9,954	9,491
60	76	72 143	12 245,095	116 185,862	9,488	9,025
61	77	69 893	11 517,699	103 940,767	9,024	8,561
62	78	67 492	10 798,006	92 423,068	8,559	8,096
63	79	64 856	10 074,000	81 625,062	8,103	7,639
64	80	62 003	9 350,384	71 551,062	7,652	7,189
65	81	58 891	8 622,377	62 200,677	7,214	6,751
66	82	55 508	7 890,422	53 578,300	6,790	6,327
67	83	51 891	7 161,401	45 687,878	6,380	5,917
68	84	48 067	6 440,484	38 526,477	5,982	5,519
69	85	44 073	5 733,322	32 085,994	5,596	5,133
70	86	39 859	5 034,091	26 352,672	5,235	4,772
71	87	35 573	4 361,877	21 318,580	4,887	4,424
72	88	31 228	3 717,665	16 956,703	4,561	4,098
73	89	26 938	3 113,469	13 239,039	4,252	3,789
74	90	22 775	2 555,642	10 125,569	3,962	3,499
75	91	18 813	2 049,533	7 569,928	3,693	3,230
76	92	15 132	1 600,585	5 520,395	3,449	2,986
77	93	11 838	1 215,661	3 919,810	3,224	2,761
78	94	8 983	895,617	2 704,149	3,019	2,556
79	95	6 601	638,958	1 808,532	2,830	2,367
80	96	4 684	440,144	1 169,574	2,657	2,194
81	97	3 157	288,035	729,430	2,532	2,069
82	98	2 070	183,376	441,396	2,407	1,944
83	99	1 319	113,404	258,019	2,275	1,812
84	100	803	67,054	144,615	2,157	1,693

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 541	99 540,511	2 858 010,626	28,712	28,249
1	18	99 172	96 283,899	2 758 470,114	28,649	28,186
2	19	99 125	93 435,263	2 662 186,215	28,492	28,029
3	20	99 093	90 683,833	2 568 750,952	28,326	27,863
4	21	99 064	88 016,689	2 478 067,120	28,155	27,691
5	22	99 037	85 429,903	2 390 050,431	27,977	27,514
6	23	99 011	82 919,819	2 304 620,528	27,793	27,330
7	24	98 984	80 482,874	2 221 700,709	27,605	27,141
8	25	98 957	78 117,923	2 141 217,835	27,410	26,947
9	26	98 930	75 821,732	2 063 099,912	27,210	26,747
10	27	98 904	73 593,589	1 987 278,180	27,003	26,540
11	28	98 875	71 429,051	1 913 684,591	26,791	26,328
12	29	98 844	69 326,886	1 842 255,540	26,573	26,110
13	30	98 811	67 285,607	1 772 928,654	26,349	25,886
14	31	98 770	65 298,854	1 705 643,046	26,121	25,657
15	32	98 726	63 368,441	1 640 344,193	25,886	25,423
16	33	98 676	61 491,846	1 576 975,752	25,645	25,182
17	34	98 616	59 664,541	1 515 483,906	25,400	24,937
18	35	98 549	57 887,312	1 455 819,365	25,149	24,686
19	36	98 471	56 156,585	1 397 932,053	24,893	24,430
20	37	98 387	54 474,287	1 341 775,469	24,631	24,168
21	38	98 297	52 839,726	1 287 301,181	24,362	23,899
22	39	98 198	51 248,980	1 234 461,456	24,088	23,624
23	40	98 095	49 703,821	1 183 212,476	23,805	23,342
24	41	97 987	48 203,299	1 133 508,655	23,515	23,052
25	42	97 868	46 742,469	1 085 305,356	23,219	22,756
26	43	97 748	45 325,159	1 038 562,887	22,914	22,450
27	44	97 614	43 944,875	993 237,728	22,602	22,139
28	45	97 474	42 603,833	949 292,853	22,282	21,819
29	46	97 315	41 295,253	906 689,020	21,956	21,493
30	47	97 146	40 022,776	865 393,767	21,623	21,159
31	48	96 958	38 782,034	825 370,991	21,282	20,819
32	49	96 744	37 569,289	786 588,956	20,937	20,474
33	50	96 514	36 388,192	749 019,667	20,584	20,121
34	51	96 264	35 237,070	712 631,476	20,224	19,761
35	52	95 984	34 111,174	677 394,406	19,858	19,395
36	53	95 683	33 013,875	643 283,232	19,485	19,022
37	54	95 356	31 942,529	610 269,357	19,105	18,642
38	55	94 987	30 892,281	578 326,828	18,721	18,258
39	56	94 578	29 863,248	547 434,547	18,331	17,868
40	57	94 134	28 857,554	517 571,299	17,935	17,472
41	58	93 649	27 872,558	488 713,745	17,534	17,071
42	59	93 117	26 907,101	460 841,187	17,127	16,664
43	60	92 546	25 962,993	433 934,085	16,714	16,250
44	61	91 916	25 035,192	407 971,092	16,296	15,833
45	62	91 229	24 124,357	382 935,900	15,873	15,410
46	63	90 491	23 232,432	358 811,543	15,444	14,981
47	64	89 685	22 354,712	335 579,111	15,012	14,548
48	65	88 804	21 490,412	313 224,399	14,575	14,112
49	66	87 862	20 643,214	291 733,988	14,132	13,669
50	67	86 833	19 807,318	271 090,773	13,686	13,223
51	68	85 724	18 984,739	251 283,456	13,236	12,773
52	69	84 513	18 171,364	232 298,717	12,784	12,321
53	70	83 191	17 366,047	214 127,353	12,330	11,867
54	71	81 757	16 569,620	196 761,306	11,875	11,412
55	72	80 208	15 782,238	180 191,687	11,417	10,954
56	73	78 552	15 006,325	164 409,449	10,956	10,493
57	74	76 754	14 235,679	149 403,124	10,495	10,032
58	75	74 832	13 474,904	135 167,445	10,031	9,568
59	76	72 794	12 726,184	121 692,541	9,562	9,099
60	77	70 587	11 981,018	108 966,358	9,095	8,632
61	78	68 230	11 243,618	96 985,339	8,626	8,163
62	79	65 639	10 501,622	85 741,721	8,165	7,701
63	80	62 818	9 757,530	75 240,099	7,711	7,248
64	81	59 742	9 009,455	65 482,568	7,268	6,805
65	82	56 378	8 254,427	56 473,113	6,842	6,378
66	83	52 767	7 500,801	48 218,686	6,428	5,965
67	84	48 948	6 755,267	40 717,885	6,028	5,564
68	85	44 935	6 020,802	33 962,617	5,641	5,178
69	86	40 718	5 296,875	27 941,816	5,275	4,812
70	87	36 384	4 595,219	22 644,941	4,928	4,465
71	88	32 017	3 925,927	18 049,721	4,598	4,134
72	89	27 662	3 293,100	14 123,795	4,289	3,826
73	90	23 449	2 710,219	10 830,695	3,996	3,533
74	91	19 416	2 178,745	8 120,475	3,727	3,264
75	92	15 659	1 705,960	5 941,730	3,483	3,020
76	93	12 295	1 300,473	4 235,770	3,257	2,794
77	94	9 364	961,619	2 935,297	3,052	2,589
78	95	6 915	689,477	1 973,678	2,863	2,399
79	96	4 932	477,444	1 284,201	2,690	2,227
80	97	3 346	314,416	806,757	2,566	2,103
81	98	2 213	201,907	492,341	2,438	1,975
82	99	1 422	125,958	290,434	2,306	1,843
83	100	874	75,191	164,476	2,187	1,724

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 527	99 526,958	2 845 363,331	28,589	28,126
1	19	99 153	96 264,930	2 745 836,374	28,524	28,061
2	20	99 108	93 418,931	2 649 571,444	28,362	27,899
3	21	99 074	90 667,067	2 556 152,513	28,193	27,730
4	22	99 047	88 002,175	2 465 485,446	28,016	27,553
5	23	99 021	85 415,994	2 377 483,270	27,834	27,371
6	24	98 993	82 904,897	2 292 067,276	27,647	27,184
7	25	98 966	80 468,392	2 209 162,379	27,454	26,991
8	26	98 939	78 103,063	2 128 693,988	27,255	26,792
9	27	98 912	75 807,462	2 050 590,925	27,050	26,587
10	28	98 882	73 577,753	1 974 783,463	26,839	26,376
11	29	98 851	71 412,220	1 901 205,710	26,623	26,160
12	30	98 818	69 308,947	1 829 793,490	26,401	25,937
13	31	98 780	67 264,269	1 760 484,543	26,173	25,709
14	32	98 739	65 278,350	1 693 220,274	25,938	25,475
15	33	98 692	63 346,729	1 627 941,924	25,699	25,236
16	34	98 641	61 469,689	1 564 595,196	25,453	24,990
17	35	98 576	59 640,317	1 503 125,507	25,203	24,740
18	36	98 509	57 863,454	1 443 485,190	24,946	24,483
19	37	98 426	56 130,837	1 385 621,735	24,686	24,222
20	38	98 340	54 448,430	1 329 490,898	24,417	23,954
21	39	98 238	52 807,850	1 275 042,468	24,145	23,682
22	40	98 139	51 218,172	1 222 234,618	23,863	23,400
23	41	98 028	49 669,740	1 171 016,446	23,576	23,113
24	42	97 915	48 167,616	1 121 346,706	23,280	22,817
25	43	97 791	46 705,367	1 073 179,090	22,978	22,514
26	44	97 659	45 284,001	1 026 473,724	22,667	22,204
27	45	97 520	43 902,223	981 189,723	22,349	21,886
28	46	97 362	42 554,743	937 287,500	22,025	21,562
29	47	97 196	41 244,975	894 732,757	21,693	21,230
30	48	97 013	39 967,933	853 487,781	21,354	20,891
31	49	96 804	38 720,214	813 519,848	21,010	20,547
32	50	96 575	37 503,615	774 799,634	20,659	20,196
33	51	96 335	36 320,757	737 296,019	20,300	19,836
34	52	96 058	35 161,567	700 975,263	19,936	19,473
35	53	95 760	34 031,594	665 813,695	19,565	19,101
36	54	95 438	32 929,107	631 782,102	19,186	18,723
37	55	95 080	31 850,257	598 852,995	18,802	18,339
38	56	94 679	30 792,021	567 002,738	18,414	17,951
39	57	94 239	29 756,428	536 210,717	18,020	17,557
40	58	93 765	28 744,313	506 454,288	17,619	17,156
41	59	93 242	27 751,329	477 709,975	17,214	16,751
42	60	92 679	26 780,467	449 958,646	16,802	16,339
43	61	92 057	25 826,013	423 178,179	16,386	15,923
44	62	91 393	24 892,845	397 352,166	15,963	15,499
45	63	90 669	23 976,368	372 459,321	15,534	15,071
46	64	89 881	23 075,639	348 482,953	15,102	14,639
47	65	89 015	22 187,663	325 407,315	14,666	14,203
48	66	88 096	21 319,124	303 219,652	14,223	13,760
49	67	87 092	20 462,336	281 900,528	13,777	13,313
50	68	86 010	19 619,500	261 438,192	13,325	12,862
51	69	84 827	18 786,051	241 818,692	12,872	12,409
52	70	83 536	17 961,401	223 032,641	12,417	11,954
53	71	82 142	17 147,255	205 071,240	11,959	11,496
54	72	80 636	16 342,586	187 923,985	11,499	11,036
55	73	79 020	15 548,446	171 581,398	11,035	10,572
56	74	77 263	14 759,979	156 032,952	10,571	10,108
57	75	75 384	13 981,669	141 272,974	10,104	9,641
58	76	73 392	13 215,763	127 291,304	9,632	9,169
59	77	71 224	12 451,732	114 075,541	9,161	8,698
60	78	68 908	11 695,912	101 623,810	8,689	8,226
61	79	66 357	10 935,003	89 927,898	8,224	7,761
62	80	63 577	10 171,719	78 992,894	7,766	7,303
63	81	60 528	9 401,756	68 821,175	7,320	6,857
64	82	57 193	8 624,987	59 419,419	6,889	6,426
65	83	53 594	7 846,832	50 794,432	6,473	6,010
66	84	49 775	7 075,420	42 947,599	6,070	5,607
67	85	45 759	6 315,073	35 872,180	5,680	5,217
68	86	41 514	5 562,470	29 557,107	5,314	4,850
69	87	37 168	4 835,093	23 994,637	4,963	4,499
70	88	32 748	4 135,948	19 159,543	4,632	4,169
71	89	28 361	3 477,578	15 023,595	4,320	3,857
72	90	24 079	2 866,584	11 546,017	4,028	3,565
73	91	19 991	2 310,527	8 679,433	3,756	3,293
74	92	16 161	1 813,513	6 368,906	3,512	3,049
75	93	12 723	1 386,090	4 555,393	3,287	2,823
76	94	9 726	1 028,707	3 169,304	3,081	2,618
77	95	7 209	740,288	2 140,596	2,892	2,428
78	96	5 167	515,193	1 400,309	2,718	2,255
79	97	3 523	341,061	885,116	2,595	2,132
80	98	2 345	220,400	544,055	2,468	2,005
81	99	1 520	138,686	323,655	2,334	1,870
82	100	943	83,514	184,969	2,215	1,752

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 507	99 507,349	2 832 160,677	28,462	27,999
1	20	99 136	96 248,103	2 732 653,328	28,392	27,929
2	21	99 090	93 401,660	2 636 405,224	28,227	27,763
3	22	99 058	90 652,116	2 543 003,564	28,052	27,589
4	23	99 031	87 987,848	2 452 351,448	27,871	27,408
5	24	99 003	85 400,623	2 364 363,600	27,686	27,222
6	25	98 975	82 889,979	2 278 962,978	27,494	27,031
7	26	98 947	80 453,085	2 196 072,999	27,296	26,833
8	27	98 920	78 088,364	2 115 619,914	27,093	26,629
9	28	98 890	75 791,150	2 037 531,550	26,884	26,420
10	29	98 859	73 560,415	1 961 740,400	26,668	26,205
11	30	98 826	71 393,741	1 888 179,985	26,447	25,984
12	31	98 787	69 286,967	1 816 786,245	26,221	25,758
13	32	98 749	67 243,148	1 747 499,278	25,988	25,525
14	33	98 706	65 255,983	1 680 256,130	25,749	25,285
15	34	98 657	63 323,903	1 615 000,146	25,504	25,041
16	35	98 601	61 444,733	1 551 676,243	25,253	24,790
17	36	98 536	59 615,738	1 490 231,511	24,997	24,534
18	37	98 463	57 836,924	1 430 615,773	24,735	24,272
19	38	98 379	56 104,194	1 372 778,849	24,468	24,005
20	39	98 281	54 415,584	1 316 674,655	24,197	23,733
21	40	98 179	52 776,105	1 262 259,071	23,917	23,454
22	41	98 072	51 183,052	1 209 482,966	23,631	23,167
23	42	97 955	49 632,971	1 158 299,915	23,337	22,874
24	43	97 837	48 129,382	1 108 666,944	23,035	22,572
25	44	97 702	46 662,955	1 060 537,561	22,728	22,264
26	45	97 564	45 240,049	1 013 874,606	22,411	21,948
27	46	97 407	43 851,638	968 634,557	22,089	21,626
28	47	97 244	42 502,932	924 782,920	21,758	21,295
29	48	97 063	41 188,457	882 279,987	21,421	20,957
30	49	96 858	39 904,222	841 091,530	21,078	20,615
31	50	96 634	38 652,528	801 187,308	20,728	20,265
32	51	96 396	37 434,113	762 534,780	20,370	19,907
33	52	96 128	36 242,933	725 100,667	20,007	19,543
34	53	95 834	35 079,537	688 857,734	19,637	19,174
35	54	95 514	33 944,212	653 778,197	19,260	18,797
36	55	95 162	32 833,984	619 833,986	18,878	18,415
37	56	94 772	31 746,889	587 000,001	18,490	18,027
38	57	94 340	30 681,879	555 253,113	18,097	17,634
39	58	93 870	29 639,660	524 571,233	17,698	17,235
40	59	93 357	28 619,292	494 931,573	17,294	16,830
41	60	92 803	27 620,721	466 312,281	16,883	16,419
42	61	92 190	26 639,174	438 691,559	16,468	16,005
43	62	91 534	25 679,170	412 052,385	16,046	15,583
44	63	90 832	24 740,141	386 373,215	15,617	15,154
45	64	90 057	23 814,554	361 633,074	15,185	14,722
46	65	89 209	22 903,202	337 818,521	14,750	14,287
47	66	88 305	22 010,817	314 915,319	14,307	13,844
48	67	87 324	21 132,323	292 904,501	13,860	13,397
49	68	86 266	20 268,308	271 772,178	13,409	12,946
50	69	85 110	19 414,169	251 503,871	12,955	12,491
51	70	83 847	18 568,985	232 089,702	12,499	12,036
52	71	82 484	17 735,109	213 520,716	12,039	11,576
53	72	81 017	16 912,308	195 785,607	11,577	11,113
54	73	79 442	16 100,494	178 873,299	11,110	10,647
55	74	77 722	15 293,200	162 772,805	10,643	10,180
56	75	75 884	14 496,614	147 479,605	10,173	9,710
57	76	73 935	13 712,782	132 982,991	9,698	9,235
58	77	71 810	12 930,753	119 270,209	9,224	8,761
59	78	69 529	12 155,424	106 339,456	8,748	8,285
60	79	67 016	11 374,883	94 184,032	8,280	7,817
61	80	64 273	10 591,486	82 809,149	7,818	7,355
62	81	61 259	9 800,843	72 217,664	7,369	6,905
63	82	57 945	9 000,547	62 416,820	6,935	6,472
64	83	54 369	8 199,094	53 416,273	6,515	6,052
65	84	50 554	7 401,827	45 217,179	6,109	5,646
66	85	46 531	6 614,363	37 815,352	5,717	5,254
67	86	42 275	5 834,340	31 200,989	5,348	4,885
68	87	37 895	5 077,534	25 366,649	4,996	4,533
69	88	33 454	4 351,848	20 289,115	4,662	4,199
70	89	29 008	3 663,614	15 937,267	4,350	3,887
71	90	24 688	3 027,169	12 273,653	4,054	3,591
72	91	20 528	2 443,832	9 246,483	3,784	3,320
73	92	16 640	1 923,203	6 802,652	3,537	3,074
74	93	13 131	1 473,476	4 879,449	3,312	2,848
75	94	10 064	1 096,433	3 405,973	3,106	2,643
76	95	7 487	791,935	2 309,541	2,916	2,453
77	96	5 387	553,160	1 517,606	2,744	2,280
78	97	3 691	368,027	964,446	2,621	2,157
79	98	2 470	239,077	596,419	2,495	2,031
80	99	1 611	151,389	357,342	2,360	1,897
81	100	1 008	91,954	205,953	2,240	1,777

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 490	99 489,956	2 818 398,641	28,328	27,865
1	21	99 117	96 230,309	2 718 908,685	28,254	27,791
2	22	99 073	93 386,258	2 622 678,375	28,084	27,621
3	23	99 042	90 637,357	2 529 292,117	27,906	27,442
4	24	99 013	87 972,013	2 438 654,760	27,721	27,258
5	25	98 985	85 385,256	2 350 682,747	27,530	27,067
6	26	98 956	82 874,211	2 265 297,491	27,334	26,871
7	27	98 929	80 437,944	2 182 423,280	27,132	26,669
8	28	98 899	78 071,561	2 101 985,336	26,924	26,461
9	29	98 867	75 773,290	2 023 913,775	26,710	26,247
10	30	98 833	73 541,380	1 948 140,485	26,490	26,027
11	31	98 794	71 371,100	1 874 599,105	26,266	25,802
12	32	98 756	69 265,211	1 803 228,006	26,034	25,570
13	33	98 715	67 220,108	1 733 962,795	25,795	25,332
14	34	98 670	65 232,470	1 666 742,687	25,551	25,088
15	35	98 617	63 298,194	1 601 510,217	25,301	24,838
16	36	98 560	61 419,409	1 538 212,023	25,044	24,581
17	37	98 491	59 588,404	1 476 792,614	24,783	24,320
18	38	98 417	57 809,471	1 417 204,210	24,515	24,052
19	39	98 320	56 070,349	1 359 394,739	24,244	23,781
20	40	98 222	54 382,872	1 303 324,390	23,966	23,502
21	41	98 112	52 739,916	1 248 941,518	23,681	23,218
22	42	97 999	51 145,163	1 196 201,601	23,388	22,925
23	43	97 877	49 593,574	1 145 056,438	23,089	22,626
24	44	97 748	48 085,678	1 095 462,864	22,781	22,318
25	45	97 607	46 617,665	1 047 377,186	22,467	22,004
26	46	97 452	45 187,922	1 000 759,521	22,147	21,683
27	47	97 289	43 798,248	955 571,599	21,818	21,354
28	48	97 110	42 444,690	911 773,352	21,481	21,018
29	49	96 909	41 122,801	869 328,661	21,140	20,677
30	50	96 689	39 834,467	828 205,861	20,791	20,328
31	51	96 455	38 580,897	788 371,394	20,434	19,971
32	52	96 189	37 353,903	749 790,496	20,073	19,609
33	53	95 904	36 158,379	712 436,593	19,703	19,240
34	54	95 588	34 989,464	676 278,214	19,328	18,865
35	55	95 238	33 846,157	641 288,750	18,947	18,484
36	56	94 853	32 727,423	607 442,593	18,561	18,097
37	57	94 433	31 633,331	574 715,170	18,168	17,705
38	58	93 970	30 561,480	543 081,839	17,770	17,307
39	59	93 461	29 510,745	512 520,359	17,367	16,904
40	60	92 918	28 484,600	483 009,614	16,957	16,494
41	61	92 313	27 474,996	454 525,014	16,543	16,080
42	62	91 666	26 487,707	427 050,018	16,123	15,659
43	63	90 972	25 521,642	400 562,311	15,695	15,232
44	64	90 219	24 573,173	375 040,669	15,262	14,799
45	65	89 384	23 636,595	350 467,496	14,827	14,364
46	66	88 498	22 720,653	326 830,901	14,385	13,922
47	67	87 531	21 817,956	304 110,248	13,939	13,475
48	68	86 496	20 931,942	282 292,292	13,486	13,023
49	69	85 364	20 056,186	261 360,350	13,031	12,568
50	70	84 126	19 189,846	241 304,164	12,575	12,111
51	71	82 790	18 335,039	222 114,318	12,114	11,651
52	72	81 354	17 492,107	203 779,279	11,650	11,187
53	73	79 817	16 661,776	186 287,172	11,181	10,717
54	74	78 138	15 836,186	169 625,397	10,711	10,248
55	75	76 336	15 020,321	153 789,211	10,239	9,776
56	76	74 425	14 217,824	138 768,890	9,760	9,297
57	77	72 340	13 417,053	124 551,066	9,283	8,820
58	78	70 101	12 623,046	111 134,013	8,804	8,341
59	79	67 621	11 821,782	98 510,967	8,333	7,870
60	80	64 911	11 017,547	86 689,185	7,868	7,405
61	81	61 929	10 205,304	75 671,638	7,415	6,952
62	82	58 645	9 382,603	65 466,334	6,977	6,514
63	83	55 083	8 556,110	56 083,730	6,555	6,092
64	84	51 285	7 734,112	47 527,621	6,145	5,682
65	85	47 260	6 919,501	39 793,509	5,751	5,288
66	86	42 989	6 110,847	32 874,008	5,380	4,916
67	87	38 590	5 325,702	26 763,161	5,025	4,562
68	88	34 108	4 570,057	21 437,459	4,691	4,228
69	89	29 633	3 854,858	16 867,402	4,376	3,912
70	90	25 251	3 189,111	13 012,544	4,080	3,617
71	91	21 047	2 580,734	9 823,433	3,806	3,343
72	92	17 087	2 034,161	7 242,699	3,561	3,097
73	93	13 520	1 562,599	5 208,538	3,333	2,870
74	94	10 387	1 165,557	3 645,939	3,128	2,665
75	95	7 748	844,072	2 480,382	2,939	2,475
76	96	5 595	591,752	1 636,310	2,765	2,302
77	97	3 848	395,148	1 044,558	2,643	2,180
78	98	2 588	257,980	649,410	2,517	2,054
79	99	1 697	164,218	391,430	2,384	1,920
80	100	1 068	100,376	227,212	2,264	1,800

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 472	99 471,563	2 804 064,533	28,190	27,726
1	22	99 101	96 214,441	2 704 592,970	28,110	27,647
2	23	99 057	93 371,054	2 608 378,529	27,936	27,472
3	24	99 024	90 621,046	2 515 007,475	27,753	27,290
4	25	98 995	87 956,184	2 424 386,429	27,564	27,100
5	26	98 966	85 369,013	2 336 430,245	27,369	26,905
6	27	98 938	82 858,615	2 251 061,232	27,167	26,704
7	28	98 907	80 420,635	2 168 202,617	26,961	26,498
8	29	98 875	78 053,164	2 087 781,982	26,748	26,285
9	30	98 841	75 753,682	2 009 728,819	26,530	26,067
10	31	98 802	73 518,058	1 933 975,136	26,306	25,843
11	32	98 763	71 348,689	1 860 457,079	26,076	25,612
12	33	98 722	69 241,478	1 789 108,389	25,839	25,375
13	34	98 679	67 195,887	1 719 866,911	25,595	25,132
14	35	98 630	65 205,986	1 652 671,024	25,345	24,882
15	36	98 576	63 272,107	1 587 465,039	25,089	24,626
16	37	98 515	61 391,249	1 524 192,932	24,828	24,364
17	38	98 444	59 560,119	1 462 801,684	24,560	24,097
18	39	98 357	57 774,597	1 403 241,564	24,288	23,825
19	40	98 261	56 036,643	1 345 466,967	24,010	23,547
20	41	98 154	54 345,582	1 289 430,324	23,726	23,263
21	42	98 039	52 700,875	1 235 084,742	23,436	22,973
22	43	97 922	51 104,566	1 182 383,867	23,137	22,673
23	44	97 788	49 548,540	1 131 279,301	22,832	22,369
24	45	97 653	48 039,007	1 081 730,761	22,518	22,055
25	46	97 495	46 563,951	1 033 691,754	22,199	21,736
26	47	97 333	45 132,905	987 127,803	21,872	21,408
27	48	97 155	43 738,231	941 994,898	21,537	21,074
28	49	96 956	42 377,031	898 256,668	21,197	20,734
29	50	96 739	41 050,915	855 879,636	20,849	20,386
30	51	96 510	39 760,646	814 828,721	20,493	20,030
31	52	96 249	38 498,230	775 068,075	20,133	19,669
32	53	95 965	37 266,758	736 569,845	19,765	19,302
33	54	95 658	36 065,536	699 303,087	19,390	18,927
34	55	95 312	34 888,390	663 237,551	19,010	18,547
35	56	94 929	33 736,311	628 349,161	18,625	18,162
36	57	94 514	32 610,359	594 612,850	18,234	17,771
37	58	94 062	31 509,198	562 002,491	17,836	17,373
38	59	93 561	30 428,555	530 493,294	17,434	16,971
39	60	93 021	29 371,857	500 064,738	17,025	16,562
40	61	92 428	28 334,316	470 692,881	16,612	16,149
41	62	91 788	27 318,776	442 358,565	16,192	15,729
42	63	91 104	26 325,220	415 039,789	15,766	15,303
43	64	90 358	25 349,399	388 714,569	15,334	14,871
44	65	89 545	24 389,545	363 365,170	14,898	14,435
45	66	88 672	23 448,201	338 975,625	14,456	13,993
46	67	87 723	22 521,573	315 527,424	14,010	13,547
47	68	86 701	21 611,073	293 005,851	13,558	13,095
48	69	85 591	20 712,875	271 394,778	13,103	12,639
49	70	84 377	19 824,445	250 681,903	12,645	12,182
50	71	83 067	18 948,077	230 857,458	12,184	11,720
51	72	81 656	18 083,816	211 909,381	11,718	11,255
52	73	80 149	17 232,986	193 825,565	11,247	10,784
53	74	78 506	16 388,253	176 592,579	10,776	10,312
54	75	76 743	15 553,618	160 204,326	10,300	9,837
55	76	74 867	14 731,460	144 650,708	9,819	9,356
56	77	72 820	13 911,203	129 919,248	9,339	8,876
57	78	70 619	13 097,775	116 008,045	8,857	8,394
58	79	68 177	12 276,569	102 910,270	8,383	7,919
59	80	65 496	11 450,407	90 633,702	7,915	7,452
60	81	62 544	10 615,830	79 183,295	7,459	6,996
61	82	59 287	9 769,805	68 567,464	7,018	6,555
62	83	55 749	8 919,300	58 797,660	6,592	6,129
63	84	51 960	8 070,880	49 878,359	6,180	5,717
64	85	47 943	7 230,133	41 807,479	5,782	5,319
65	86	43 662	6 392,756	34 577,347	5,409	4,946
66	87	39 241	5 578,104	28 184,591	5,053	4,589
67	88	34 733	4 793,422	22 606,487	4,716	4,253
68	89	30 213	4 048,148	17 813,065	4,400	3,937
69	90	25 795	3 355,585	13 764,917	4,102	3,639
70	91	21 527	2 718,793	10 409,332	3,829	3,365
71	92	17 519	2 148,114	7 690,539	3,580	3,117
72	93	13 883	1 652,752	5 542,425	3,353	2,890
73	94	10 694	1 236,056	3 889,673	3,147	2,684
74	95	7 996	897,286	2 653,617	2,957	2,494
75	96	5 789	630,710	1 756,331	2,785	2,321
76	97	3 996	422,716	1 125,621	2,663	2,200
77	98	2 697	276,992	702,904	2,538	2,074
78	99	1 777	177,202	425,913	2,404	1,940
79	100	1 125	108,882	248,711	2,284	1,821

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 455	99 455,160	2 789 148,596	28,044	27,581
1	23	99 085	96 198,777	2 689 693,436	27,960	27,497
2	24	99 040	93 354,251	2 593 494,659	27,781	27,318
3	25	99 006	90 604,740	2 500 140,409	27,594	27,131
4	26	98 977	87 939,452	2 409 535,669	27,400	26,937
5	27	98 947	85 352,947	2 321 596,217	27,200	26,737
6	28	98 916	82 840,785	2 236 243,269	26,994	26,531
7	29	98 884	80 401,684	2 153 402,485	26,783	26,320
8	30	98 850	78 032,966	2 073 000,800	26,566	26,102
9	31	98 810	75 729,659	1 994 967,834	26,343	25,880
10	32	98 771	73 494,973	1 919 238,176	26,114	25,651
11	33	98 729	71 324,243	1 845 743,202	25,878	25,415
12	34	98 686	69 216,528	1 774 418,960	25,636	25,173
13	35	98 639	67 168,606	1 705 202,431	25,387	24,924
14	36	98 589	65 179,112	1 638 033,826	25,131	24,668
15	37	98 531	63 243,096	1 572 854,713	24,870	24,407
16	38	98 468	61 362,108	1 509 611,617	24,602	24,138
17	39	98 384	59 524,190	1 448 249,509	24,330	23,867
18	40	98 298	57 739,866	1 388 725,319	24,051	23,588
19	41	98 193	55 998,218	1 330 985,452	23,768	23,305
20	42	98 082	54 305,352	1 274 987,234	23,478	23,015
21	43	97 961	52 659,043	1 220 681,882	23,181	22,718
22	44	97 833	51 058,160	1 168 022,838	22,876	22,413
23	45	97 693	49 500,450	1 116 964,679	22,565	22,102
24	46	97 541	47 983,655	1 067 464,229	22,246	21,783
25	47	97 376	46 507,258	1 019 480,574	21,921	21,458
26	48	97 200	45 071,059	972 973,316	21,588	21,124
27	49	97 000	43 668,510	927 902,257	21,249	20,786
28	50	96 786	42 302,953	884 233,747	20,902	20,439
29	51	96 560	40 974,839	841 930,794	20,548	20,084
30	52	96 303	39 675,451	800 955,954	20,188	19,724
31	53	96 024	38 408,415	761 280,504	19,821	19,357
32	54	95 719	37 171,069	722 872,088	19,447	18,984
33	55	95 382	35 961,354	685 701,020	19,068	18,604
34	56	95 002	34 775,161	649 739,666	18,684	18,221
35	57	94 590	33 615,638	614 964,504	18,294	17,831
36	58	94 143	32 482,391	581 348,867	17,897	17,434
37	59	93 653	31 372,151	548 866,475	17,495	17,032
38	60	93 121	30 285,348	517 494,324	17,087	16,624
39	61	92 531	29 216,892	487 208,976	16,676	16,212
40	62	91 902	28 173,210	457 992,084	16,256	15,793
41	63	91 225	27 151,190	429 818,873	15,831	15,367
42	64	90 489	26 147,554	402 667,683	15,400	14,937
43	65	89 683	25 159,972	376 520,129	14,965	14,502
44	66	88 831	24 195,150	351 360,158	14,522	14,059
45	67	87 895	23 242,745	327 165,008	14,076	13,613
46	68	86 891	22 308,018	303 922,262	13,624	13,161
47	69	85 794	21 384,899	281 614,244	13,169	12,706
48	70	84 602	20 473,546	260 229,346	12,711	12,247
49	71	83 314	19 574,681	239 755,800	12,248	11,785
50	72	81 928	18 688,455	220 181,119	11,782	11,318
51	73	80 446	17 815,930	201 492,664	11,310	10,846
52	74	78 833	16 950,086	183 676,734	10,836	10,373
53	75	77 106	16 095,835	166 726,648	10,358	9,895
54	76	75 268	15 254,500	150 630,813	9,875	9,411
55	77	73 253	14 413,762	135 376,312	9,392	8,929
56	78	71 087	13 580,166	120 962,551	8,907	8,444
57	79	68 680	12 738,267	107 382,385	8,430	7,967
58	80	66 035	11 890,907	94 644,118	7,959	7,496
59	81	63 108	11 032,908	82 753,212	7,501	7,037
60	82	59 875	10 162,812	71 720,304	7,057	6,594
61	83	56 359	9 287,382	61 557,492	6,628	6,165
62	84	52 588	8 413,474	52 270,110	6,213	5,749
63	85	48 574	7 544,956	43 856,636	5,813	5,349
64	86	44 294	6 679,741	36 311,680	5,436	4,973
65	87	39 856	5 835,436	29 631,939	5,078	4,615
66	88	35 319	5 020,597	23 796,503	4,740	4,277
67	89	30 766	4 246,004	18 775,906	4,422	3,959
68	90	26 299	3 523,840	14 529,902	4,123	3,660
69	91	21 991	2 860,716	11 006,062	3,847	3,384
70	92	17 918	2 263,030	8 145,346	3,599	3,136
71	93	14 234	1 745,339	5 882,316	3,370	2,907
72	94	10 982	1 307,370	4 136,977	3,164	2,701
73	95	8 233	951,559	2 829,608	2,974	2,510
74	96	5 975	670,473	1 878,049	2,801	2,338
75	97	4 136	450,546	1 207,576	2,680	2,217
76	98	2 801	296,316	757,030	2,555	2,092
77	99	1 853	190,260	460,714	2,421	1,958
78	100	1 178	117,491	270,453	2,302	1,839

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 439	99 438,968	2 773 637,684	27,893	27,430
1	24	99 067	96 181,464	2 674 198,716	27,804	27,340
2	25	99 022	93 337,453	2 578 017,252	27,620	27,157
3	26	98 987	90 587,505	2 484 679,799	27,429	26,965
4	27	98 958	87 922,902	2 394 092,295	27,229	26,766
5	28	98 926	85 334,581	2 306 169,392	27,025	26,562
6	29	98 893	82 821,264	2 220 834,812	26,815	26,352
7	30	98 858	80 380,879	2 138 013,548	26,599	26,135
8	31	98 818	78 008,220	2 057 632,669	26,377	25,914
9	32	98 779	75 705,880	1 979 624,449	26,149	25,686
10	33	98 737	73 469,791	1 903 918,570	25,914	25,451
11	34	98 694	71 298,542	1 830 448,778	25,673	25,210
12	35	98 646	69 188,427	1 759 150,236	25,425	24,962
13	36	98 599	67 140,923	1 689 961,809	25,170	24,707
14	37	98 544	65 149,228	1 622 820,885	24,909	24,446
15	38	98 484	63 213,077	1 557 671,658	24,642	24,178
16	39	98 409	61 325,092	1 494 458,580	24,369	23,906
17	40	98 325	59 488,407	1 433 133,489	24,091	23,628
18	41	98 231	57 700,274	1 373 645,082	23,807	23,343
19	42	98 121	55 956,765	1 315 944,807	23,517	23,054
20	43	98 004	54 262,247	1 259 988,042	23,220	22,757
21	44	97 872	52 611,225	1 205 725,795	22,918	22,454
22	45	97 738	51 008,604	1 153 114,570	22,606	22,143
23	46	97 581	49 443,413	1 102 105,966	22,290	21,827
24	47	97 422	47 925,234	1 052 662,553	21,965	21,501
25	48	97 242	46 443,529	1 004 737,319	21,634	21,170
26	49	97 045	44 999,214	958 293,789	21,296	20,833
27	50	96 831	43 592,174	913 294,576	20,951	20,488
28	51	96 607	42 224,557	869 702,402	20,597	20,134
29	52	96 353	40 887,043	827 477,844	20,238	19,775
30	53	96 078	39 582,889	786 590,801	19,872	19,409
31	54	95 778	38 309,795	747 007,912	19,499	19,036
32	55	95 442	37 063,693	708 698,117	19,121	18,658
33	56	95 072	35 844,643	671 634,424	18,737	18,274
34	57	94 663	34 650,772	635 789,781	18,349	17,885
35	58	94 219	33 483,726	601 139,009	17,953	17,490
36	59	93 734	32 341,112	567 655,284	17,552	17,089
37	60	93 212	31 224,503	535 314,172	17,144	16,681
38	61	92 630	30 125,563	504 089,669	16,733	16,270
39	62	92 005	29 050,768	473 964,105	16,315	15,852
40	63	91 338	28 000,384	444 913,337	15,890	15,426
41	64	90 610	26 967,950	416 912,953	15,460	14,996
42	65	89 813	25 952,162	389 945,003	15,026	14,562
43	66	88 968	24 959,436	363 992,842	14,583	14,120
44	67	88 053	23 983,149	339 033,406	14,136	13,673
45	68	87 061	23 022,353	315 050,257	13,685	13,221
46	69	85 981	22 074,550	292 027,904	13,229	12,766
47	70	84 803	21 137,805	269 953,355	12,771	12,308
48	71	83 536	20 215,604	248 815,550	12,308	11,845
49	72	82 173	19 306,473	228 599,946	11,841	11,377
50	73	80 715	18 411,612	209 293,473	11,367	10,904
51	74	79 126	17 523,461	190 881,861	10,893	10,430
52	75	77 426	16 647,643	173 358,400	10,413	9,950
53	76	75 623	15 786,290	156 710,757	9,927	9,464
54	77	73 644	14 925,523	140 924,468	9,442	8,979
55	78	71 510	14 070,765	125 998,945	8,955	8,491
56	79	69 136	13 207,417	111 928,180	8,475	8,011
57	80	66 523	12 338,101	98 720,763	8,001	7,538
58	81	63 627	11 457,346	86 382,662	7,539	7,076
59	82	60 415	10 562,091	74 925,316	7,094	6,631
60	83	56 919	9 660,983	64 363,225	6,662	6,199
61	84	53 163	8 760,681	54 702,242	6,244	5,781
62	85	49 161	7 865,225	45 941,561	5,841	5,378
63	86	44 876	6 970,599	38 076,335	5,462	4,999
64	87	40 432	6 097,401	31 105,736	5,101	4,638
65	88	35 873	5 252,210	25 008,335	4,761	4,298
66	89	31 286	4 447,235	19 756,125	4,442	3,979
67	90	26 781	3 696,070	15 308,890	4,142	3,679
68	91	22 421	3 004,158	11 612,820	3,866	3,402
69	92	18 304	2 381,161	8 608,662	3,615	3,152
70	93	14 559	1 838,707	6 227,500	3,387	2,924
71	94	11 259	1 380,608	4 388,793	3,179	2,716
72	95	8 454	1 006,459	3 008,185	2,989	2,526
73	96	6 152	711,027	2 001,726	2,815	2,352
74	97	4 268	478,951	1 290,700	2,695	2,232
75	98	2 899	315,824	811,749	2,570	2,107
76	99	1 924	203,534	495,925	2,437	1,973
77	100	1 228	126,149	292,391	2,318	1,855

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 421	99 421,072	2 757 520,088	27,736	27,273
1	25	99 049	96 164,158	2 658 099,016	27,641	27,178
2	26	99 003	93 319,698	2 561 934,859	27,453	26,990
3	27	98 969	90 570,456	2 468 615,161	27,256	26,793
4	28	98 937	87 903,983	2 378 044,704	27,053	26,590
5	29	98 903	85 314,472	2 290 140,722	26,844	26,380
6	30	98 867	82 799,832	2 204 826,249	26,628	26,165
7	31	98 827	80 355,388	2 122 026,417	26,408	25,945
8	32	98 787	77 983,725	2 041 671,029	26,181	25,718
9	33	98 745	75 679,940	1 963 687,304	25,947	25,484
10	34	98 702	73 443,318	1 888 007,364	25,707	25,244
11	35	98 654	71 269,596	1 814 564,046	25,461	24,997
12	36	98 605	69 159,912	1 743 294,450	25,207	24,743
13	37	98 554	67 110,139	1 674 134,538	24,946	24,483
14	38	98 497	65 118,304	1 607 024,399	24,679	24,215
15	39	98 425	63 174,944	1 541 906,095	24,407	23,944
16	40	98 350	61 288,226	1 478 731,151	24,127	23,664
17	41	98 258	59 447,616	1 417 442,925	23,844	23,380
18	42	98 158	57 657,561	1 357 995,309	23,553	23,090
19	43	98 043	55 912,349	1 300 337,747	23,257	22,793
20	44	97 915	54 212,973	1 244 425,398	22,954	22,491
21	45	97 777	52 560,162	1 190 212,425	22,645	22,182
22	46	97 625	50 949,830	1 137 652,263	22,329	21,866
23	47	97 462	49 383,215	1 086 702,433	22,006	21,542
24	48	97 289	47 859,562	1 037 319,218	21,674	21,211
25	49	97 087	46 369,496	989 459,656	21,339	20,875
26	50	96 875	44 920,552	943 090,160	20,995	20,531
27	51	96 651	43 511,389	898 169,608	20,642	20,179
28	52	96 400	42 134,083	854 658,219	20,284	19,821
29	53	96 128	40 791,655	812 524,136	19,919	19,456
30	54	95 831	39 481,253	771 732,481	19,547	19,084
31	55	95 501	38 199,130	732 251,228	19,169	18,706
32	56	95 132	36 943,405	694 052,098	18,787	18,324
33	57	94 732	35 716,428	657 108,694	18,398	17,935
34	58	94 291	34 514,798	621 392,266	18,004	17,540
35	59	93 809	33 338,091	586 877,468	17,604	17,141
36	60	93 292	32 188,903	553 539,377	17,197	16,733
37	61	92 720	31 059,764	521 350,473	16,785	16,322
38	62	92 103	29 954,273	490 290,710	16,368	15,905
39	63	91 440	28 872,558	460 336,437	15,944	15,481
40	64	90 722	27 811,412	431 463,879	15,514	15,051
41	65	89 932	26 766,427	403 652,467	15,081	14,617
42	66	89 097	25 745,311	376 886,039	14,639	14,176
43	67	88 189	24 740,738	351 140,728	14,193	13,730
44	68	87 218	23 755,736	326 399,990	13,740	13,277
45	69	86 150	22 781,408	302 644,254	13,285	12,821
46	70	84 988	21 819,487	279 862,846	12,826	12,363
47	71	83 734	20 871,494	258 043,359	12,363	11,900
48	72	82 391	19 938,614	237 171,865	11,895	11,432
49	73	80 955	19 020,475	217 233,250	11,421	10,958
50	74	79 390	18 109,364	198 212,775	10,945	10,482
51	75	77 714	17 210,786	180 103,412	10,465	10,001
52	76	75 937	16 327,486	162 892,625	9,977	9,513
53	77	73 992	15 445,844	146 565,139	9,489	9,026
54	78	71 892	14 570,348	131 119,296	8,999	8,536
55	79	69 547	13 684,550	116 548,948	8,517	8,054
56	80	66 964	12 792,513	102 864,398	8,041	7,578
57	81	64 097	11 888,235	90 071,885	7,577	7,113
58	82	60 912	10 968,417	78 183,650	7,128	6,665
59	83	57 432	10 040,546	67 215,232	6,694	6,231
60	84	53 691	9 113,095	57 174,686	6,274	5,811
61	85	49 699	8 189,808	48 061,592	5,868	5,405
62	86	45 418	7 266,488	39 871,784	5,487	5,024
63	87	40 964	6 362,902	32 605,296	5,124	4,661
64	88	36 391	5 487,994	26 242,394	4,782	4,319
65	89	31 776	4 652,397	20 754,401	4,461	3,998
66	90	27 234	3 871,238	16 102,003	4,159	3,696
67	91	22 832	3 150,988	12 230,765	3,882	3,418
68	92	18 662	2 500,557	9 079,777	3,631	3,168
69	93	14 872	1 934,689	6 579,220	3,401	2,937
70	94	11 516	1 454,465	4 644,530	3,193	2,730
71	95	8 668	1 062,840	3 190,065	3,001	2,538
72	96	6 317	752,049	2 127,225	2,829	2,365
73	97	4 395	507,920	1 375,176	2,707	2,244
74	98	2 992	335,735	867,256	2,583	2,120
75	99	1 991	216,934	531,521	2,450	1,987
76	100	1 276	134,950	314,587	2,331	1,868

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 403	99 403,183	2 740 785,741	27,572	27,109
1	26	99 030	96 145,865	2 641 382,558	27,473	27,009
2	27	98 984	93 302,135	2 545 236,693	27,280	26,816
3	28	98 947	90 550,967	2 451 934,558	27,078	26,615
4	29	98 913	87 883,269	2 361 383,591	26,870	26,406
5	30	98 877	85 292,395	2 273 500,322	26,655	26,192
6	31	98 836	82 773,574	2 188 207,926	26,436	25,973
7	32	98 796	80 330,156	2 105 434,352	26,210	25,747
8	33	98 754	77 957,005	2 025 104,196	25,977	25,514
9	34	98 710	75 652,671	1 947 147,191	25,738	25,275
10	35	98 662	73 413,500	1 871 494,520	25,493	25,029
11	36	98 613	71 240,223	1 798 081,020	25,240	24,776
12	37	98 560	69 128,202	1 726 840,796	24,980	24,517
13	38	98 507	67 078,285	1 657 712,594	24,713	24,250
14	39	98 438	65 079,021	1 590 634,309	24,442	23,978
15	40	98 365	63 136,967	1 525 555,288	24,163	23,699
16	41	98 282	61 246,201	1 462 418,322	23,878	23,414
17	42	98 185	59 403,609	1 401 172,120	23,587	23,124
18	43	98 080	57 611,795	1 341 768,511	23,290	22,827
19	44	97 954	55 861,577	1 284 156,716	22,988	22,525
20	45	97 820	54 160,355	1 228 295,139	22,679	22,216
21	46	97 665	52 499,601	1 174 134,784	22,365	21,901
22	47	97 506	50 887,798	1 121 635,183	22,041	21,578
23	48	97 328	49 315,545	1 070 747,386	21,712	21,249
24	49	97 134	47 783,271	1 021 431,840	21,376	20,913
25	50	96 918	46 288,439	973 648,569	21,034	20,571
26	51	96 696	44 837,305	927 360,130	20,683	20,220
27	52	96 444	43 418,157	882 522,825	20,326	19,863
28	53	96 175	42 035,786	839 104,668	19,962	19,498
29	54	95 881	40 686,915	797 068,882	19,590	19,127
30	55	95 555	39 367,204	756 381,967	19,214	18,750
31	56	95 191	38 075,156	717 014,763	18,832	18,368
32	57	94 792	36 811,259	678 939,607	18,444	17,981
33	58	94 360	35 576,272	642 128,347	18,049	17,586
34	59	93 881	34 364,679	606 552,075	17,650	17,187
35	60	93 367	33 181,190	572 187,396	17,244	16,781
36	61	92 800	32 019,076	539 006,206	16,834	16,371
37	62	92 193	30 883,162	506 987,130	16,416	15,953
38	63	91 538	29 770,520	476 103,969	15,992	15,529
39	64	90 823	28 677,700	446 333,449	15,564	15,101
40	65	90 044	27 603,586	417 655,748	15,130	14,667
41	66	89 216	26 553,087	390 052,162	14,690	14,226
42	67	88 316	25 519,728	363 499,075	14,244	13,781
43	68	87 353	24 506,141	337 979,347	13,792	13,328
44	69	86 305	23 507,116	313 473,206	13,335	12,872
45	70	85 155	22 518,178	289 966,090	12,877	12,414
46	71	83 917	21 544,588	267 447,911	12,414	11,950
47	72	82 587	20 585,517	245 903,323	11,945	11,482
48	73	81 171	19 643,252	225 317,806	11,470	11,007
49	74	79 626	18 708,232	205 674,554	10,994	10,531
50	75	77 973	17 786,235	186 966,322	10,512	10,049
51	76	76 219	16 879,799	169 180,087	10,023	9,559
52	77	74 300	15 975,368	152 300,288	9,533	9,070
53	78	72 231	15 078,287	136 324,919	9,041	8,578
54	79	69 919	14 170,420	121 246,633	8,556	8,093
55	80	67 362	13 254,657	107 076,212	8,078	7,615
56	81	64 522	12 326,079	93 821,555	7,612	7,148
57	82	61 362	11 380,918	81 495,476	7,161	6,697
58	83	57 904	10 426,808	70 114,558	6,724	6,261
59	84	54 175	9 471,132	59 687,750	6,302	5,839
60	85	50 192	8 519,257	50 216,617	5,894	5,431
61	86	45 915	7 566,361	41 697,361	5,511	5,048
62	87	41 459	6 632,995	34 130,999	5,146	4,682
63	88	36 870	5 726,959	27 498,004	4,802	4,338
64	89	32 235	4 861,254	21 771,045	4,478	4,015
65	90	27 660	4 049,828	16 909,791	4,175	3,712
66	91	23 217	3 300,323	12 859,963	3,897	3,433
67	92	19 004	2 622,774	9 559,640	3,645	3,182
68	93	15 163	2 031,698	6 936,866	3,414	2,951
69	94	11 764	1 530,389	4 905,168	3,205	2,742
70	95	8 866	1 119,698	3 374,779	3,014	2,551
71	96	6 477	794,179	2 255,081	2,840	2,376
72	97	4 513	537,224	1 460,902	2,719	2,256
73	98	3 080	356,042	923,678	2,594	2,131
74	99	2 055	230,611	567,636	2,461	1,998
75	100	1 320	143,835	337,025	2,343	1,880

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1	0	99 644	96 741,528	2 902 021,128	29,998	29,534
2	1	99 317	93 615,656	2 805 279,600	29,966	29,503
3	2	99 277	90 852,266	2 711 663,944	29,847	29,384
4	3	99 254	88 185,519	2 620 811,678	29,719	29,256
5	4	99 233	85 599,058	2 532 626,159	29,587	29,124
6	5	99 213	83 089,582	2 447 027,101	29,450	28,987
7	6	99 195	80 654,978	2 363 937,518	29,309	28,846
8	7	99 178	78 292,133	2 283 282,540	29,164	28,700
9	8	99 165	76 001,748	2 204 990,407	29,012	28,549
10	9	99 150	73 777,060	2 128 988,659	28,857	28,394
11	10	99 136	71 618,157	2 055 211,599	28,697	28,234
12	11	99 123	69 522,742	1 983 593,442	28,532	28,068
13	12	99 108	67 487,943	1 914 070,700	28,362	27,898
14	13	99 091	65 510,847	1 846 582,757	28,187	27,724
15	14	99 068	63 588,144	1 781 071,910	28,009	27,546
16	15	99 043	61 720,501	1 717 483,766	27,827	27,364
17	16	99 007	59 900,699	1 655 763,264	27,642	27,179
18	17	98 965	58 131,479	1 595 862,566	27,453	26,989
19	18	98 914	56 409,021	1 537 731,087	27,260	26,797
20	19	98 855	54 733,476	1 481 322,066	27,064	26,601
21	20	98 795	53 107,065	1 426 588,590	26,863	26,399
22	21	98 736	51 529,834	1 373 481,525	26,654	26,191
23	22	98 675	49 998,023	1 321 951,691	26,440	25,977
24	23	98 619	48 513,990	1 271 953,669	26,218	25,755
25	24	98 554	47 070,122	1 223 439,679	25,992	25,529
26	25	98 493	45 670,916	1 176 369,556	25,758	25,294
27	26	98 430	44 311,918	1 130 698,641	25,517	25,054
28	27	98 366	42 993,318	1 086 386,723	25,269	24,806
29	28	98 297	41 711,870	1 043 393,404	25,014	24,551
30	29	98 222	40 466,298	1 001 681,534	24,753	24,290
31	30	98 142	39 255,451	961 215,237	24,486	24,023
32	31	98 050	38 076,537	921 959,785	24,213	23,750
33	32	97 957	36 932,474	883 883,248	23,932	23,469
34	33	97 852	35 818,259	846 950,774	23,646	23,183
35	34	97 742	34 735,727	811 132,515	23,352	22,888
36	35	97 623	33 683,271	776 396,788	23,050	22,587
37	36	97 499	32 660,632	742 713,518	22,740	22,277
38	37	97 359	31 663,757	710 052,886	22,425	21,962
39	38	97 209	30 694,113	678 389,129	22,102	21,638
40	39	97 042	29 748,957	647 695,015	21,772	21,309
41	40	96 864	28 829,392	617 946,058	21,435	20,971
42	41	96 668	27 933,202	589 116,666	21,090	20,627
43	42	96 458	27 060,494	561 183,465	20,738	20,275
44	43	96 233	26 211,050	534 122,971	20,378	19,915
45	44	95 972	25 378,800	507 911,921	20,013	19,550
46	45	95 691	24 567,482	482 533,121	19,641	19,178
47	46	95 373	23 772,524	457 965,639	19,264	18,801
48	47	95 031	22 997,435	434 193,115	18,880	18,417
49	48	94 649	22 237,801	411 195,680	18,491	18,028
50	49	94 217	21 491,635	388 957,879	18,098	17,635
51	50	93 740	20 759,950	367 466,244	17,701	17,238
52	51	93 220	20 043,463	346 706,294	17,298	16,835
53	52	92 635	19 337,572	326 662,831	16,893	16,429
54	53	91 985	18 642,557	307 325,259	16,485	16,022
55	54	91 261	17 957,121	288 682,701	16,076	15,613
56	55	90 459	17 280,954	270 725,580	15,666	15,203
57	56	89 572	16 613,013	253 444,626	15,256	14,793
58	57	88 597	15 953,604	236 831,613	14,845	14,382
59	58	87 529	15 302,316	220 878,009	14,434	13,971
60	59	86 370	14 659,802	205 575,693	14,023	13,560
61	60	85 118	14 026,565	190 915,891	13,611	13,148
62	61	83 753	13 399,587	176 889,325	13,201	12,738
63	62	82 282	12 780,875	163 489,738	12,792	12,329
64	63	80 716	12 172,443	150 708,863	12,381	11,918
65	64	79 029	11 570,851	138 536,420	11,973	11,510
66	65	77 229	10 977,946	126 965,569	11,566	11,102
67	66	75 341	10 397,670	115 987,623	11,155	10,692
68	67	73 337	9 826,296	105 589,953	10,746	10,282
69	68	71 248	9 268,387	95 763,657	10,332	9,869
70	69	69 015	8 716,385	86 495,270	9,923	9,460
71	70	66 696	8 178,172	77 778,886	9,511	9,047
72	71	64 233	7 646,767	69 600,714	9,102	8,639
73	72	61 694	7 130,596	61 953,946	8,688	8,225
74	73	59 033	6 624,296	54 823,350	8,276	7,813
75	74	56 259	6 129,140	48 199,054	7,864	7,401
76	75	53 397	5 647,943	42 069,914	7,449	6,985
77	76	50 424	5 178,070	36 421,972	7,034	6,571
78	77	47 328	4 718,660	31 243,901	6,621	6,158
79	78	44 101	4 268,857	26 525,242	6,214	5,750
80	79	40 726	3 827,340	22 256,385	5,815	5,352
81	80	37 221	3 396,059	18 429,045	5,427	4,963
82	81	33 550	2 971,914	15 032,986	5,058	4,595
83	82	29 784	2 561,534	12 061,072	4,709	4,245
84	83	26 007	2 171,533	9 499,539	4,375	3,911
85	84	22 275	1 805,771	7 328,006	4,058	3,595
86	85	18 644	1 467,369	5 522,235	3,763	3,300
87	86	15 197	1 161,256	4 054,866	3,492	3,029
88	87	12 040	893,189	2 893,611	3,240	2,776
89	88	9 225	664,440	2 000,421	3,011	2,547
90	89	6 822	477,069	1 335,982	2,800	2,337
91	90	4 860	329,981	858,913	2,603	2,140
92	91	3 319	218,750	528,931	2,418	1,955
93	92	2 140	136,935	310,181	2,265	1,802
94	93	1 315	81,725	173,246	2,120	1,657
95	94	760	45,817	91,521	1,998	1,534
96	95	415	24,309	45,704	1,880	1,417
97	96	210	11,950	21,395	1,790	1,327
98	97	100	5,498	9,445	1,718	1,255
99	98	45	2,392	3,947	1,650	1,187
100	99	19	0,983	1,556	1,583	1,120

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 616	93 897,851	2 809 604,484	29,922	29,459
3	1	99 301	90 874,798	2 715 706,633	29,884	29,421
4	2	99 266	88 196,475	2 624 831,835	29,761	29,298
5	3	99 243	85 607,887	2 536 635,360	29,631	29,168
6	4	99 223	83 097,533	2 451 027,473	29,496	29,033
7	5	99 204	80 662,164	2 367 929,939	29,356	28,893
8	6	99 187	78 299,059	2 287 267,775	29,212	28,749
9	7	99 170	76 005,279	2 208 968,716	29,063	28,600
10	8	99 157	73 782,201	2 132 963,437	28,909	28,446
11	9	99 142	71 622,538	2 059 181,236	28,750	28,287
12	10	99 129	69 526,809	1 987 558,698	28,587	28,124
13	11	99 116	67 493,162	1 918 031,888	28,418	27,955
14	12	99 099	65 515,992	1 850 538,727	28,246	27,782
15	13	99 078	63 594,136	1 785 022,735	28,069	27,606
16	14	99 052	61 726,193	1 721 428,599	27,888	27,425
17	15	99 019	59 907,988	1 659 702,407	27,704	27,241
18	16	98 980	58 140,040	1 599 794,419	27,516	27,053
19	17	98 927	56 416,703	1 541 654,379	27,326	26,863
20	18	98 874	54 744,261	1 485 237,676	27,130	26,667
21	19	98 812	53 116,349	1 430 493,415	26,931	26,468
22	20	98 755	51 539,362	1 377 377,066	26,725	26,262
23	21	98 692	50 006,269	1 325 837,703	26,513	26,050
24	22	98 635	48 521,890	1 275 831,435	26,294	25,831
25	23	98 572	47 078,595	1 227 309,545	26,069	25,606
26	24	98 511	45 679,135	1 180 230,950	25,837	25,374
27	25	98 448	44 320,349	1 134 551,815	25,599	25,136
28	26	98 384	43 001,411	1 090 231,466	25,353	24,890
29	27	98 318	41 720,847	1 047 230,055	25,101	24,638
30	28	98 245	40 475,836	1 005 509,208	24,842	24,379
31	29	98 167	39 265,612	965 033,372	24,577	24,114
32	30	98 081	38 088,616	925 767,760	24,306	23,842
33	31	97 988	36 944,074	887 679,144	24,028	23,564
34	32	97 886	35 830,535	850 735,069	23,743	23,280
35	33	97 777	34 748,248	814 904,534	23,452	22,988
36	34	97 663	33 696,951	780 156,286	23,152	22,689
37	35	97 540	32 674,098	746 459,335	22,846	22,382
38	36	97 404	31 678,282	713 785,237	22,532	22,069
39	37	97 255	30 708,690	682 106,955	22,212	21,749
40	38	97 101	29 766,914	651 398,266	21,883	21,420
41	39	96 922	28 846,733	621 631,352	21,549	21,086
42	40	96 735	27 952,369	592 784,619	21,207	20,744
43	41	96 529	27 080,541	564 832,250	20,857	20,394
44	42	96 309	26 231,872	537 751,709	20,500	20,037
45	43	96 060	25 401,866	511 519,838	20,137	19,674
46	44	95 784	24 591,350	486 117,972	19,768	19,305
47	45	95 483	23 799,947	461 526,622	19,392	18,929
48	46	95 147	23 025,469	437 726,675	19,011	18,547
49	47	94 779	22 268,316	414 701,206	18,623	18,160
50	48	94 368	21 525,949	392 432,890	18,231	17,767
51	49	93 904	20 796,303	370 906,942	17,835	17,372
52	50	93 393	20 080,677	350 110,638	17,435	16,972
53	51	92 834	19 379,096	330 029,962	17,030	16,567
54	52	92 200	18 686,151	310 650,866	16,625	16,161
55	53	91 496	18 003,348	291 964,715	16,217	15,754
56	54	90 721	17 331,018	273 961,367	15,808	15,344
57	55	89 863	16 667,105	256 630,348	15,397	14,934
58	56	88 915	16 010,874	239 963,244	14,988	14,524
59	57	87 874	15 362,601	223 952,369	14,578	14,115
60	58	86 747	14 723,842	208 589,768	14,167	13,704
61	59	85 521	14 092,891	193 865,926	13,756	13,293
62	60	84 197	13 470,658	179 773,034	13,346	12,882
63	61	82 753	12 853,961	166 302,376	12,938	12,475
64	62	81 214	12 247,575	153 448,415	12,529	12,066
65	63	79 566	11 649,472	141 200,840	12,121	11,658
66	64	77 810	11 060,598	129 551,368	11,713	11,250
67	65	75 946	10 481,209	118 490,770	11,305	10,842
68	66	73 985	9 913,156	108 009,560	10,896	10,432
69	67	71 930	9 357,113	98 096,404	10,484	10,020
70	68	69 745	8 808,572	88 739,291	10,074	9,611
71	69	67 476	8 273,772	79 930,719	9,661	9,198
72	70	65 053	7 744,337	71 656,946	9,253	8,790
73	71	62 551	7 229,655	63 912,610	8,840	8,377
74	72	59 921	6 723,901	56 682,954	8,430	7,967
75	73	57 198	6 231,436	49 959,053	8,017	7,554
76	74	54 367	5 750,551	43 727,617	7,604	7,141
77	75	51 412	5 279,604	37 977,067	7,193	6,730
78	76	48 372	4 822,665	32 697,462	6,780	6,317
79	77	45 176	4 372,917	27 874,797	6,374	5,911
80	78	41 876	3 935,358	23 501,880	5,972	5,509
81	79	38 428	3 506,204	19 566,522	5,581	5,117
82	80	34 819	3 084,375	16 060,318	5,207	4,744
83	81	31 112	2 675,717	12 975,944	4,850	4,386
84	82	27 358	2 284,331	10 300,227	4,509	4,046
85	83	23 615	1 914,335	8 015,896	4,187	3,724
86	84	19 944	1 569,652	6 101,561	3,887	3,424
87	85	16 450	1 256,940	4 531,908	3,606	3,142
88	86	13 190	978,494	3 274,969	3,347	2,884
89	87	10 249	738,222	2 296,474	3,111	2,648
90	88	7 702	538,575	1 558,252	2,893	2,430
91	89	5 584	379,078	1 019,677	2,690	2,227
92	90	3 893	256,591	640,599	2,497	2,033
93	91	2 571	164,513	384,007	2,334	1,871
94	92	1 619	100,585	219,494	2,182	1,719
95	93	960	57,921	118,909	2,053	1,590
96	94	539	31,577	60,988	1,931	1,468
97	95	281	15,993	29,412	1,839	1,376
98	96	139	7,697	13,419	1,743	1,280
99	97	64	3,412	5,722	1,677	1,214
100	98	27	1,431	2,310	1,615	1,152

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 601	91 148,731	2 719 709,835	29,838	29,375
4	1	99 291	88 218,348	2 628 561,104	29,796	29,333
5	2	99 255	85 618,523	2 540 342,756	29,670	29,207
6	3	99 233	83 106,104	2 454 724,233	29,537	29,074
7	4	99 214	80 669,883	2 371 618,129	29,399	28,936
8	5	99 196	78 306,035	2 290 948,246	29,256	28,793
9	6	99 178	76 012,003	2 212 642,211	29,109	28,646
10	7	99 162	73 785,629	2 136 630,208	28,957	28,494
11	8	99 149	71 627,529	2 062 844,579	28,800	28,336
12	9	99 135	69 531,063	1 991 217,050	28,638	28,175
13	10	99 122	67 497,110	1 921 685,987	28,471	28,007
14	11	99 106	65 521,058	1 854 188,877	28,299	27,836
15	12	99 085	63 599,130	1 788 667,819	28,124	27,661
16	13	99 062	61 732,009	1 725 068,689	27,944	27,481
17	14	99 028	59 913,512	1 663 336,680	27,762	27,299
18	15	98 992	58 147,114	1 603 423,168	27,575	27,112
19	16	98 942	56 425,011	1 545 276,054	27,386	26,923
20	17	98 888	54 751,716	1 488 851,043	27,193	26,730
21	18	98 832	53 126,816	1 434 099,326	26,994	26,531
22	19	98 772	51 548,372	1 380 972,510	26,790	26,327
23	20	98 710	50 015,515	1 329 424,137	26,580	26,117
24	21	98 651	48 529,892	1 279 408,622	26,363	25,900
25	22	98 588	47 086,261	1 230 878,730	26,141	25,678
26	23	98 529	45 687,357	1 183 792,469	25,911	25,447
27	24	98 466	44 328,325	1 138 105,112	25,674	25,211
28	25	98 403	43 009,593	1 093 776,787	25,431	24,968
29	26	98 336	41 728,701	1 050 767,194	25,181	24,718
30	27	98 267	40 484,547	1 009 038,493	24,924	24,461
31	28	98 190	39 274,867	968 553,946	24,661	24,198
32	29	98 107	38 098,475	929 279,079	24,392	23,928
33	30	98 019	36 955,794	891 180,604	24,115	23,652
34	31	97 916	35 841,790	854 224,810	23,833	23,370
35	32	97 810	34 760,158	818 383,020	23,544	23,080
36	33	97 698	33 709,098	783 622,863	23,247	22,783
37	34	97 579	32 687,369	749 913,765	22,942	22,479
38	35	97 444	31 691,343	717 226,396	22,632	22,168
39	36	97 300	30 722,776	685 535,054	22,314	21,850
40	37	97 147	29 781,050	654 812,278	21,988	21,524
41	38	96 981	28 864,146	625 031,228	21,654	21,191
42	39	96 793	27 969,182	596 167,082	21,315	20,852
43	40	96 595	27 099,122	568 197,900	20,967	20,504
44	41	96 380	26 251,304	541 098,778	20,612	20,149
45	42	96 136	25 422,045	514 847,473	20,252	19,789
46	43	95 871	24 613,701	489 425,428	19,884	19,421
47	44	95 576	23 823,069	464 811,727	19,511	19,048
48	45	95 257	23 052,030	440 988,658	19,130	18,667
49	46	94 894	22 295,461	417 936,628	18,745	18,282
50	47	94 497	21 555,486	395 641,167	18,355	17,891
51	48	94 054	20 829,507	374 085,681	17,959	17,496
52	49	93 556	20 115,840	353 256,175	17,561	17,098
53	50	93 006	19 415,076	333 140,334	17,159	16,696
54	51	92 398	18 726,276	313 725,259	16,753	16,290
55	52	91 710	18 045,448	294 998,982	16,348	15,884
56	53	90 955	17 375,633	276 953,535	15,939	15,476
57	54	90 124	16 715,391	259 577,902	15,529	15,066
58	55	89 204	16 063,006	242 862,511	15,119	14,656
59	56	88 190	15 417,750	226 799,505	14,710	14,247
60	57	87 089	14 781,848	211 381,755	14,300	13,837
61	58	85 894	14 154,455	196 599,907	13,890	13,426
62	59	84 595	13 534,356	182 445,452	13,480	13,017
63	60	83 192	12 922,138	168 911,096	13,071	12,608
64	61	81 679	12 317,612	155 988,959	12,664	12,201
65	62	80 057	11 721,376	143 671,347	12,257	11,794
66	63	78 339	11 135,752	131 949,971	11,849	11,386
67	64	76 518	10 560,122	120 814,219	11,441	10,977
68	65	74 579	9 992,803	110 254,097	11,033	10,570
69	66	72 566	9 439,826	100 261,294	10,621	10,158
70	67	70 412	8 892,897	90 821,468	10,213	9,750
71	68	68 189	8 361,279	81 928,571	9,799	9,335
72	69	65 813	7 834,865	73 567,292	9,390	8,927
73	70	63 349	7 321,903	65 732,427	8,978	8,514
74	71	60 753	6 817,311	58 410,525	8,568	8,105
75	72	58 058	6 325,134	51 593,214	8,157	7,694
76	73	55 275	5 846,528	45 268,080	7,743	7,280
77	74	52 346	5 375,521	39 421,552	7,334	6,870
78	75	49 320	4 917,230	34 046,031	6,924	6,461
79	76	46 172	4 469,302	29 128,801	6,518	6,054
80	77	42 896	4 031,288	24 659,499	6,117	5,654
81	78	39 513	3 605,159	20 628,211	5,722	5,259
82	79	35 949	3 184,411	17 023,052	5,346	4,883
83	80	32 289	2 776,969	13 838,641	4,983	4,520
84	81	28 578	2 386,157	11 061,672	4,636	4,173
85	82	24 841	2 013,773	8 675,515	4,308	3,845
86	83	21 143	1 664,021	6 661,741	4,003	3,540
87	84	17 596	1 344,555	4 997,720	3,717	3,254
88	85	14 276	1 059,119	3 653,165	3,449	2,986
89	86	11 228	808,727	2 594,045	3,208	2,744
90	87	8 557	598,381	1 785,319	2,984	2,520
91	88	6 304	427,951	1 186,938	2,774	2,310
92	89	4 472	294,769	758,986	2,575	2,112
93	90	3 015	192,972	464,217	2,406	1,942
94	91	1 945	120,842	271,245	2,245	1,781
95	92	1 182	71,287	150,403	2,110	1,647
96	93	682	39,919	79,116	1,982	1,519
97	94	365	20,774	39,197	1,887	1,424
98	95	187	10,301	18,423	1,789	1,325
99	96	89	4,776	8,122	1,701	1,237
100	97	39	2,041	3,346	1,639	1,176

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4	0	99 590	88 484,273	2 632 262,353	29,748	29,285
5	1	99 280	85 639,757	2 543 778,079	29,703	29,240
6	2	99 245	83 116,429	2 458 138,323	29,575	29,111
7	3	99 224	80 678,203	2 375 021,893	29,438	28,975
8	4	99 205	78 313,528	2 294 343,690	29,297	28,834
9	5	99 187	76 018,775	2 216 030,162	29,151	28,688
10	6	99 170	73 792,157	2 140 011,387	29,001	28,537
11	7	99 154	71 630,857	2 066 219,231	28,845	28,382
12	8	99 142	69 535,908	1 994 588,374	28,684	28,221
13	9	99 128	67 501,239	1 925 052,465	28,519	28,056
14	10	99 112	65 524,891	1 857 551,226	28,349	27,886
15	11	99 093	63 604,048	1 792 026,335	28,175	27,711
16	12	99 070	61 736,857	1 728 422,287	27,997	27,533
17	13	99 037	59 919,157	1 666 685,430	27,816	27,352
18	14	99 001	58 152,476	1 606 766,273	27,630	27,167
19	15	98 954	56 431,877	1 548 613,797	27,442	26,979
20	16	98 902	54 759,780	1 492 181,920	27,250	26,786
21	17	98 845	53 134,051	1 437 422,140	27,053	26,590
22	18	98 791	51 558,530	1 384 288,089	26,849	26,386
23	19	98 727	50 024,259	1 332 729,558	26,642	26,178
24	20	98 670	48 538,866	1 282 705,299	26,426	25,963
25	21	98 604	47 094,026	1 234 166,433	26,206	25,743
26	22	98 545	45 694,797	1 187 072,407	25,978	25,515
27	23	98 484	44 336,304	1 141 377,610	25,744	25,280
28	24	98 421	43 017,333	1 097 041,306	25,502	25,039
29	25	98 355	41 736,640	1 054 023,973	25,254	24,791
30	26	98 285	40 492,168	1 012 287,333	25,000	24,536
31	27	98 211	39 283,320	971 795,165	24,738	24,275
32	28	98 130	38 107,455	932 511,845	24,471	24,007
33	29	98 045	36 965,360	894 404,390	24,196	23,733
34	30	97 947	35 853,160	857 439,031	23,915	23,452
35	31	97 841	34 771,076	821 585,871	23,628	23,165
36	32	97 732	33 720,652	786 814,795	23,333	22,870
37	33	97 614	32 699,151	753 094,144	23,031	22,568
38	34	97 484	31 704,214	720 394,992	22,722	22,259
39	35	97 340	30 735,443	688 690,778	22,407	21,944
40	36	97 191	29 794,711	657 955,335	22,083	21,620
41	37	97 027	28 877,853	628 160,625	21,752	21,289
42	38	96 851	27 986,065	599 282,772	21,414	20,950
43	39	96 653	27 115,423	571 296,707	21,069	20,606
44	40	96 447	26 269,317	544 181,284	20,715	20,252
45	41	96 207	25 440,878	517 911,967	20,357	19,894
46	42	95 948	24 633,254	492 471,089	19,992	19,529
47	43	95 663	23 844,722	467 837,835	19,620	19,157
48	44	95 349	23 074,426	443 993,114	19,242	18,779
49	45	95 004	22 321,180	420 918,688	18,857	18,394
50	46	94 612	21 581,762	398 597,508	18,469	18,006
51	47	94 183	20 858,088	377 015,746	18,075	17,612
52	48	93 706	20 147,957	356 157,657	17,677	17,214
53	49	93 169	19 449,074	336 009,700	17,276	16,813
54	50	92 569	18 761,044	316 560,626	16,873	16,410
55	51	91 907	18 084,196	297 799,582	16,467	16,004
56	52	91 167	17 416,265	279 715,385	16,061	15,597
57	53	90 356	16 758,421	262 299,121	15,652	15,189
58	54	89 463	16 109,542	245 540,700	15,242	14,779
59	55	88 477	15 467,950	229 431,158	14,833	14,369
60	56	87 401	14 834,912	213 963,208	14,423	13,960
61	57	86 233	14 210,218	199 128,296	14,013	13,550
62	58	84 965	13 593,479	184 918,078	13,603	13,140
63	59	83 585	12 983,241	171 324,599	13,196	12,733
64	60	82 112	12 382,944	158 341,358	12,787	12,324
65	61	80 515	11 788,404	145 958,414	12,382	11,918
66	62	78 822	11 204,485	134 170,010	11,975	11,511
67	63	77 038	10 631,875	122 965,525	11,566	11,103
68	64	75 141	10 068,038	112 333,650	11,157	10,694
69	65	73 149	9 515,670	102 265,611	10,747	10,284
70	66	71 035	8 971,506	92 749,941	10,338	9,875
71	67	68 842	8 441,321	83 778,435	9,925	9,462
72	68	66 509	7 917,730	75 337,114	9,515	9,052
73	69	64 090	7 407,493	67 419,384	9,102	8,638
74	70	61 528	6 904,297	60 011,891	8,692	8,229
75	71	58 864	6 413,003	53 107,595	8,281	7,818
76	72	56 106	5 934,439	46 694,591	7,868	7,405
77	73	53 220	5 465,239	40 760,153	7,458	6,995
78	74	50 216	5 006,563	35 294,914	7,050	6,587
79	75	47 078	4 556,938	30 288,351	6,647	6,183
80	76	43 842	4 120,143	25 731,413	6,245	5,782
81	77	40 476	3 693,040	21 611,270	5,852	5,389
82	78	36 963	3 274,284	17 918,230	5,472	5,009
83	79	33 337	2 867,036	14 643,946	5,108	4,644
84	80	29 659	2 476,452	11 776,910	4,756	4,292
85	81	25 949	2 103,540	9 300,458	4,421	3,958
86	82	22 241	1 750,457	7 196,918	4,111	3,648
87	83	18 654	1 425,391	5 446,461	3,821	3,358
88	84	15 272	1 132,946	4 021,070	3,549	3,086
89	85	12 154	875,363	2 888,124	3,299	2,836
90	86	9 374	655,530	2 012,761	3,070	2,607
91	87	7 003	475,473	1 357,231	2,854	2,391
92	88	5 049	332,772	881,758	2,650	2,187
93	89	3 464	221,684	548,986	2,476	2,013
94	90	2 281	141,747	327,302	2,309	1,846
95	91	1 420	85,644	185,555	2,167	1,703
96	92	839	49,131	99,911	2,034	1,570
97	93	462	26,262	50,780	1,934	1,470
98	94	242	13,380	24,518	1,832	1,369
99	95	119	6,392	11,138	1,743	1,279
100	96	55	2,857	4,746	1,661	1,198

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5	0	99 579	85 897,909	2 547 196,988	29,654	29,191
6	1	99 270	83 137,042	2 461 299,079	29,605	29,142
7	2	99 236	80 688,227	2 378 162,037	29,473	29,010
8	3	99 215	78 321,605	2 297 473,810	29,334	28,871
9	4	99 197	76 026,050	2 219 152,205	29,189	28,726
10	5	99 179	73 798,731	2 143 126,155	29,040	28,577
11	6	99 163	71 637,194	2 069 327,425	28,886	28,423
12	7	99 146	69 539,139	1 997 690,231	28,728	28,264
13	8	99 135	67 505,943	1 928 151,092	28,563	28,099
14	9	99 118	65 528,900	1 860 645,149	28,394	27,931
15	10	99 099	63 607,769	1 795 116,249	28,222	27,758
16	11	99 077	61 741,631	1 731 508,480	28,044	27,581
17	12	99 045	59 923,863	1 669 766,849	27,865	27,402
18	13	99 010	58 157,956	1 609 842,987	27,681	27,217
19	14	98 963	56 437,081	1 551 685,031	27,494	27,031
20	15	98 914	54 766,443	1 495 247,950	27,302	26,839
21	16	98 860	53 141,876	1 440 481,507	27,106	26,643
22	17	98 805	51 565,552	1 387 339,631	26,904	26,441
23	18	98 747	50 034,117	1 335 774,079	26,697	26,234
24	19	98 687	48 547,352	1 285 739,962	26,484	26,021
25	20	98 623	47 102,735	1 237 192,611	26,266	25,803
26	21	98 561	45 702,333	1 190 089,876	26,040	25,577
27	22	98 500	44 343,524	1 144 387,543	25,807	25,344
28	23	98 438	43 025,076	1 100 044,019	25,568	25,104
29	24	98 373	41 744,151	1 057 018,943	25,321	24,858
30	25	98 304	40 499,872	1 015 274,792	25,069	24,605
31	26	98 230	39 290,714	974 774,920	24,809	24,346
32	27	98 151	38 115,657	935 484,206	24,543	24,080
33	28	98 068	36 974,072	897 368,549	24,270	23,807
34	29	97 973	35 862,440	860 394,477	23,992	23,528
35	30	97 872	34 782,106	824 532,037	23,706	23,242
36	31	97 763	33 731,243	789 749,931	23,413	22,950
37	32	97 648	32 710,359	756 018,688	23,113	22,649
38	33	97 519	31 715,642	723 308,329	22,806	22,343
39	34	97 380	30 747,927	691 592,687	22,492	22,029
40	35	97 232	29 806,995	660 844,760	22,171	21,708
41	36	97 071	28 891,099	631 037,765	21,842	21,379
42	37	96 897	27 999,355	602 146,666	21,506	21,043
43	38	96 712	27 131,790	574 147,311	21,161	20,698
44	39	96 505	26 285,118	547 015,521	20,811	20,348
45	40	96 273	25 458,335	520 730,402	20,454	19,991
46	41	96 019	24 651,502	495 272,068	20,091	19,628
47	42	95 739	23 863,664	470 620,565	19,721	19,258
48	43	95 436	23 095,398	446 756,902	19,344	18,881
49	44	95 096	22 342,865	423 661,504	18,962	18,499
50	45	94 722	21 606,658	401 318,638	18,574	18,111
51	46	94 298	20 883,514	379 711,980	18,182	17,719
52	47	93 834	20 175,604	358 828,466	17,785	17,322
53	48	93 318	19 480,126	338 652,862	17,385	16,921
54	49	92 731	18 793,897	319 172,735	16,983	16,520
55	50	92 077	18 117,772	300 378,838	16,579	16,116
56	51	91 363	17 453,662	282 261,066	16,172	15,709
57	52	90 567	16 797,609	264 807,403	15,765	15,301
58	53	89 693	16 151,012	248 009,794	15,356	14,892
59	54	88 733	15 512,762	231 858,782	14,946	14,483
60	55	87 686	14 883,215	216 346,020	14,536	14,073
61	56	86 542	14 261,230	201 462,805	14,127	13,663
62	57	85 299	13 647,032	187 201,576	13,717	13,254
63	58	83 950	13 039,958	173 554,544	13,309	12,846
64	59	82 500	12 441,498	160 514,586	12,902	12,438
65	60	80 942	11 850,929	148 073,088	12,495	12,031
66	61	79 273	11 268,557	136 222,160	12,089	11,625
67	62	77 513	10 697,498	124 953,603	11,681	11,217
68	63	75 651	10 136,448	114 256,104	11,272	10,809
69	64	73 700	9 587,313	104 119,656	10,860	10,397
70	65	71 606	9 043,588	94 532,343	10,453	9,990
71	66	69 451	8 515,939	85 488,756	10,039	9,575
72	67	67 146	7 993,526	76 972,817	9,629	9,166
73	68	64 768	7 485,837	68 979,291	9,215	8,751
74	69	62 247	6 985,005	61 493,454	8,804	8,340
75	70	59 616	6 494,830	54 508,448	8,393	7,929
76	71	56 885	6 016,880	48 013,618	7,980	7,517
77	72	54 020	5 547,416	41 996,737	7,571	7,107
78	73	51 054	5 090,123	36 449,321	7,161	6,698
79	74	47 933	4 639,725	31 359,198	6,759	6,296
80	75	44 702	4 200,933	26 719,473	6,360	5,897
81	76	41 368	3 774,439	22 518,540	5,966	5,503
82	77	37 864	3 354,100	18 744,100	5,588	5,125
83	78	34 278	2 947,951	15 390,001	5,221	4,757
84	79	30 621	2 556,772	12 442,050	4,866	4,403
85	80	26 931	2 183,140	9 885,278	4,528	4,065
86	81	23 232	1 828,486	7 702,138	4,212	3,749
87	82	19 623	1 499,432	5 873,652	3,917	3,454
88	83	16 190	1 201,059	4 374,220	3,642	3,179
89	84	13 001	936,381	3 173,161	3,389	2,926
90	85	10 147	709,544	2 236,780	3,152	2,689
91	86	7 672	520,883	1 527,236	2,932	2,469
92	87	5 609	369,725	1 006,353	2,722	2,259
93	88	3 911	250,265	636,628	2,544	2,081
94	89	2 621	162,837	386,363	2,373	1,909
95	90	1 665	100,459	223,526	2,225	1,762
96	91	1 008	59,026	123,067	2,085	1,622
97	92	568	32,323	64,042	1,981	1,518
98	93	306	16,915	31,719	1,875	1,412
99	94	155	8,303	14,804	1,783	1,320
100	95	73	3,824	6,501	1,700	1,237

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	83 387,651	2 464 454,932	29,554	29,091
7	1	99 261	80 708,237	2 381 067,281	29,502	29,039
8	2	99 228	78 331,336	2 300 359,044	29,367	28,904
9	3	99 207	76 033,891	2 222 027,708	29,224	28,761
10	4	99 189	73 805,793	2 145 993,817	29,076	28,613
11	5	99 171	71 643,576	2 072 188,024	28,924	28,460
12	6	99 155	69 545,291	2 000 544,448	28,766	28,303
13	7	99 139	67 509,079	1 930 999,157	28,604	28,140
14	8	99 125	65 533,466	1 863 490,078	28,436	27,972
15	9	99 105	63 611,660	1 797 956,612	28,265	27,801
16	10	99 083	61 745,243	1 734 344,952	28,089	27,625
17	11	99 053	59 928,497	1 672 599,709	27,910	27,447
18	12	99 018	58 162,523	1 612 671,212	27,727	27,264
19	13	98 972	56 442,399	1 554 508,690	27,542	27,078
20	14	98 923	54 771,493	1 498 066,291	27,351	26,888
21	15	98 872	53 148,343	1 443 294,798	27,156	26,693
22	16	98 819	51 573,146	1 390 146,455	26,955	26,492
23	17	98 760	50 040,930	1 338 573,309	26,750	26,286
24	18	98 706	48 556,918	1 288 532,379	26,537	26,073
25	19	98 640	47 110,969	1 239 975,461	26,320	25,857
26	20	98 579	45 710,784	1 192 864,492	26,096	25,633
27	21	98 516	44 350,837	1 147 153,707	25,865	25,402
28	22	98 454	43 032,082	1 102 802,871	25,627	25,164
29	23	98 391	41 751,665	1 059 770,789	25,383	24,919
30	24	98 322	40 507,161	1 018 019,124	25,132	24,669
31	25	98 249	39 298,190	977 511,963	24,874	24,411
32	26	98 169	38 122,831	938 213,773	24,610	24,147
33	27	98 089	36 982,030	900 090,942	24,339	23,875
34	28	97 996	35 870,892	863 108,912	24,062	23,598
35	29	97 897	34 791,109	827 238,019	23,777	23,314
36	30	97 794	33 741,944	792 446,910	23,486	23,022
37	31	97 679	32 720,633	758 704,967	23,187	22,724
38	32	97 552	31 726,513	725 984,333	22,883	22,419
39	33	97 415	30 759,010	694 257,820	22,571	22,108
40	34	97 271	29 819,101	663 498,810	22,251	21,788
41	35	97 111	28 903,011	633 679,709	21,924	21,461
42	36	96 942	28 012,199	604 776,698	21,590	21,127
43	37	96 758	27 144,675	576 764,499	21,248	20,785
44	38	96 563	26 300,984	549 619,825	20,897	20,434
45	39	96 331	25 473,648	523 318,840	20,544	20,080
46	40	96 085	24 668,417	497 845,192	20,181	19,718
47	41	95 809	23 881,342	473 176,775	19,814	19,350
48	42	95 512	23 113,745	449 295,433	19,438	18,975
49	43	95 183	22 363,173	426 181,688	19,057	18,594
50	44	94 814	21 627,649	403 818,515	18,671	18,208
51	45	94 407	20 907,605	382 190,866	18,280	17,817
52	46	93 949	20 200,198	361 283,261	17,885	17,422
53	47	93 446	19 506,857	341 083,063	17,485	17,022
54	48	92 879	18 823,904	321 576,206	17,083	16,620
55	49	92 238	18 149,499	302 752,303	16,681	16,218
56	50	91 533	17 486,068	284 602,804	16,276	15,813
57	51	90 761	16 833,678	267 116,736	15,868	15,405
58	52	89 903	16 188,780	250 283,058	15,460	14,997
59	53	88 961	15 552,696	234 094,278	15,052	14,588
60	54	87 940	14 926,332	218 541,582	14,641	14,178
61	55	86 824	14 307,664	203 615,249	14,231	13,768
62	56	85 606	13 696,022	189 307,585	13,822	13,359
63	57	84 281	13 091,330	175 611,563	13,414	12,951
64	58	82 861	12 495,848	162 520,233	13,006	12,543
65	59	81 324	11 906,967	150 024,385	12,600	12,136
66	60	79 693	11 328,325	138 117,418	12,192	11,729
67	61	77 957	10 758,671	126 789,094	11,785	11,322
68	62	76 118	10 199,014	116 030,423	11,377	10,913
69	63	74 200	9 652,456	105 831,409	10,964	10,501
70	64	72 145	9 111,676	96 178,953	10,556	10,092
71	65	70 009	8 584,360	87 067,277	10,143	9,679
72	66	67 739	8 064,185	78 482,917	9,732	9,269
73	67	65 388	7 557,499	70 418,732	9,318	8,855
74	68	62 906	7 058,881	62 861,232	8,905	8,442
75	69	60 312	6 570,753	55 802,351	8,493	8,029
76	70	57 611	6 093,653	49 231,598	8,079	7,616
77	71	54 771	5 624,481	43 137,945	7,670	7,206
78	72	51 822	5 166,660	37 513,464	7,261	6,797
79	73	48 733	4 717,163	32 346,804	6,857	6,394
80	74	45 514	4 277,252	27 629,640	6,460	5,996
81	75	42 179	3 848,450	23 352,388	6,068	5,605
82	76	38 699	3 428,028	19 503,938	5,690	5,226
83	77	35 113	3 019,812	16 075,909	5,323	4,860
84	78	31 485	2 628,931	13 056,097	4,966	4,503
85	79	27 804	2 253,947	10 427,166	4,626	4,163
86	80	24 111	1 897,678	8 173,220	4,307	3,844
87	81	20 498	1 566,270	6 275,542	4,007	3,543
88	82	17 031	1 263,447	4 709,271	3,727	3,264
89	83	13 782	992,677	3 445,824	3,471	3,008
90	84	10 854	759,003	2 453,147	3,232	2,769
91	85	8 305	563,803	1 694,144	3,005	2,542
92	86	6 145	405,036	1 130,342	2,791	2,327
93	87	4 345	278,055	725,306	2,608	2,145
94	88	2 959	183,831	447,251	2,433	1,970
95	89	1 913	115,406	263,420	2,283	1,819
96	90	1 182	69,236	148,014	2,138	1,675
97	91	683	38,832	78,777	2,029	1,565
98	92	377	20,819	39,945	1,919	1,455
99	93	196	10,496	19,126	1,822	1,359
100	94	95	4,967	8,630	1,737	1,274

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 560	80 951,524	2 383 978,835	29,449	28,986
8	1	99 252	78 350,762	2 303 027,311	29,394	28,931
9	2	99 219	76 043,337	2 224 676,548	29,255	28,792
10	3	99 199	73 813,405	2 148 633,211	29,109	28,646
11	4	99 181	71 650,432	2 074 819,806	28,958	28,494
12	5	99 164	69 551,486	2 003 169,374	28,801	28,338
13	6	99 148	67 515,052	1 933 617,888	28,640	28,177
14	7	99 130	65 536,511	1 866 102,836	28,474	28,011
15	8	99 112	63 616,093	1 800 566,325	28,304	27,840
16	9	99 089	61 749,020	1 736 950,232	28,129	27,666
17	10	99 058	59 932,002	1 675 201,212	27,952	27,488
18	11	99 025	58 167,021	1 615 269,209	27,770	27,306
19	12	98 980	56 446,831	1 557 102,189	27,585	27,122
20	13	98 933	54 776,654	1 500 655,357	27,396	26,933
21	14	98 881	53 153,244	1 445 878,704	27,202	26,739
22	15	98 832	51 579,421	1 392 725,460	27,002	26,538
23	16	98 775	50 048,300	1 341 146,039	26,797	26,334
24	17	98 720	48 563,531	1 291 097,739	26,586	26,123
25	18	98 659	47 120,253	1 242 534,208	26,369	25,906
26	19	98 597	45 718,775	1 195 413,956	26,147	25,684
27	20	98 534	44 359,038	1 149 695,180	25,918	25,455
28	21	98 471	43 039,179	1 105 336,142	25,682	25,219
29	22	98 407	41 758,464	1 062 296,963	25,439	24,976
30	23	98 339	40 514,452	1 020 538,500	25,189	24,726
31	24	98 266	39 305,262	980 024,048	24,934	24,470
32	25	98 188	38 130,085	940 718,786	24,671	24,208
33	26	98 107	36 988,992	902 588,701	24,402	23,938
34	27	98 017	35 878,613	865 599,710	24,126	23,663
35	28	97 920	34 799,309	829 721,097	23,843	23,380
36	29	97 819	33 750,677	794 921,788	23,553	23,090
37	30	97 709	32 731,013	761 171,110	23,255	22,792
38	31	97 583	31 736,478	728 440,097	22,953	22,490
39	32	97 448	30 769,553	696 703,619	22,643	22,179
40	33	97 306	29 829,850	665 934,066	22,324	21,861
41	34	97 151	28 914,750	636 104,216	21,999	21,536
42	35	96 982	28 023,748	607 189,466	21,667	21,204
43	36	96 802	27 157,126	579 165,718	21,326	20,863
44	37	96 609	26 313,474	552 008,592	20,978	20,515
45	38	96 389	25 489,025	525 695,117	20,624	20,161
46	39	96 142	24 683,255	500 206,093	20,265	19,802
47	40	95 875	23 897,729	475 522,837	19,898	19,435
48	41	95 583	23 130,867	451 625,109	19,525	19,062
49	42	95 258	22 380,938	428 494,241	19,145	18,682
50	43	94 900	21 647,307	406 113,303	18,760	18,297
51	44	94 498	20 927,917	384 465,997	18,371	17,908
52	45	94 057	20 223,500	363 538,080	17,976	17,513
53	46	93 560	19 530,636	343 314,580	17,578	17,115
54	47	93 007	18 849,733	323 783,944	17,177	16,714
55	48	92 386	18 178,476	304 934,211	16,774	16,311
56	49	91 693	17 516,688	286 755,734	16,370	15,907
57	50	90 930	16 864,932	269 239,046	15,964	15,501
58	51	90 096	16 223,542	252 374,114	15,556	15,093
59	52	89 169	15 589,065	236 150,572	15,148	14,685
60	53	88 166	14 964,757	220 561,507	14,739	14,276
61	54	87 075	14 349,115	205 596,749	14,328	13,865
62	55	85 884	13 740,617	191 247,635	13,918	13,455
63	56	84 583	13 138,325	177 507,018	13,511	13,047
64	57	83 187	12 545,076	164 368,693	13,102	12,639
65	58	81 680	11 958,982	151 823,617	12,695	12,232
66	59	80 070	11 381,892	139 864,636	12,288	11,825
67	60	78 370	10 815,734	128 482,744	11,879	11,416
68	61	76 554	10 257,335	117 667,009	11,471	11,008
69	62	74 658	9 712,034	107 409,674	11,059	10,596
70	63	72 635	9 173,588	97 697,640	10,650	10,187
71	64	70 536	8 648,991	88 524,052	10,235	9,772
72	65	68 284	8 128,977	79 875,061	9,826	9,363
73	66	65 966	7 624,304	71 746,084	9,410	8,947
74	67	63 508	7 126,456	64 121,780	8,998	8,534
75	68	60 950	6 640,247	56 995,324	8,583	8,120
76	69	58 285	6 164,886	50 355,077	8,168	7,705
77	70	55 470	5 696,247	44 190,191	7,758	7,295
78	71	52 542	5 238,436	38 493,943	7,348	6,885
79	72	49 466	4 788,092	33 255,507	6,945	6,482
80	73	46 273	4 348,640	28 467,415	6,546	6,083
81	74	42 946	3 918,367	24 118,775	6,155	5,692
82	75	39 458	3 495,247	20 200,408	5,779	5,316
83	76	35 887	3 086,372	16 705,162	5,413	4,949
84	77	32 253	2 693,015	13 618,789	5,057	4,594
85	78	28 589	2 317,559	10 925,774	4,714	4,251
86	79	24 893	1 959,226	8 608,215	4,394	3,930
87	80	21 273	1 625,540	6 648,989	4,090	3,627
88	81	17 790	1 319,767	5 023,449	3,806	3,343
89	82	14 498	1 044,241	3 703,682	3,547	3,084
90	83	11 507	804,635	2 659,442	3,305	2,842
91	84	8 883	603,103	1 854,807	3,075	2,612
92	85	6 651	438,409	1 251,704	2,855	2,392
93	86	4 760	304,611	813,295	2,670	2,207
94	87	3 287	204,244	508,684	2,491	2,027
95	88	2 160	130,285	304,439	2,337	1,873
96	89	1 358	79,538	174,154	2,190	1,726
97	90	801	45,550	94,616	2,077	1,614
98	91	453	25,012	49,067	1,962	1,499
99	92	241	12,919	24,055	1,862	1,399
100	93	121	6,279	11,136	1,773	1,310

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 552	78 586,943	2 305 712,612	29,340	28,876
9	1	99 244	76 062,196	2 227 125,669	29,280	28,817
10	2	99 211	73 822,576	2 151 063,473	29,138	28,675
11	3	99 191	71 657,822	2 077 240,897	28,988	28,525
12	4	99 173	69 558,142	2 005 583,075	28,833	28,370
13	5	99 157	67 521,067	1 936 024,933	28,673	28,210
14	6	99 139	65 542,309	1 868 503,866	28,508	28,045
15	7	99 116	63 619,049	1 802 961,558	28,340	27,877
16	8	99 096	61 753,323	1 739 342,509	28,166	27,703
17	9	99 065	59 935,669	1 677 589,186	27,990	27,527
18	10	99 031	58 170,423	1 617 653,517	27,809	27,346
19	11	98 988	56 451,197	1 559 483,094	27,625	27,162
20	12	98 940	54 780,956	1 503 031,897	27,437	26,974
21	13	98 890	53 158,252	1 448 250,942	27,244	26,781
22	14	98 841	51 584,178	1 395 092,690	27,045	26,582
23	15	98 787	50 054,390	1 343 508,512	26,841	26,378
24	16	98 734	48 570,683	1 293 454,123	26,630	26,167
25	17	98 673	47 126,670	1 244 883,440	26,416	25,952
26	18	98 616	45 727,784	1 197 756,770	26,193	25,730
27	19	98 551	44 366,793	1 152 028,986	25,966	25,503
28	20	98 489	43 047,138	1 107 662,193	25,731	25,268
29	21	98 423	41 765,351	1 064 615,055	25,490	25,027
30	22	98 355	40 521,049	1 022 849,705	25,242	24,779
31	23	98 284	39 312,337	982 328,656	24,988	24,525
32	24	98 206	38 136,947	943 016,319	24,727	24,264
33	25	98 126	36 996,029	904 879,372	24,459	23,996
34	26	98 035	35 885,366	867 883,343	24,185	23,722
35	27	97 942	34 806,799	831 997,976	23,903	23,440
36	28	97 842	33 758,632	797 191,178	23,614	23,151
37	29	97 735	32 739,485	763 432,545	23,318	22,855
38	30	97 614	31 746,546	730 693,060	23,016	22,553
39	31	97 479	30 779,217	698 946,514	22,708	22,245
40	32	97 339	29 840,074	668 167,297	22,392	21,928
41	33	97 186	28 925,173	638 327,223	22,068	21,605
42	34	97 021	28 035,130	609 402,050	21,737	21,274
43	35	96 842	27 168,323	581 366,920	21,399	20,935
44	36	96 653	26 325,545	554 198,597	21,052	20,589
45	37	96 435	25 501,129	527 873,052	20,700	20,237
46	38	96 200	24 698,155	502 371,923	20,340	19,877
47	39	95 933	23 912,104	477 673,768	19,976	19,513
48	40	95 648	23 146,739	453 761,665	19,604	19,140
49	41	95 329	22 397,518	430 614,926	19,226	18,763
50	42	94 975	21 664,503	408 217,408	18,843	18,379
51	43	94 584	20 946,938	386 552,905	18,454	17,991
52	44	94 149	20 243,148	365 605,967	18,061	17,598
53	45	93 668	19 553,165	345 362,819	17,663	17,200
54	46	93 120	18 872,711	325 809,654	17,264	16,800
55	47	92 512	18 203,421	306 936,943	16,861	16,398
56	48	91 839	17 544,655	288 733,522	16,457	15,994
57	49	91 089	16 894,465	271 188,867	16,052	15,589
58	50	90 263	16 253,663	254 294,402	15,645	15,182
59	51	89 361	15 622,539	238 040,738	15,237	14,774
60	52	88 373	14 999,751	222 418,199	14,828	14,365
61	53	87 300	14 386,053	207 418,448	14,418	13,955
62	54	86 133	13 780,424	193 032,395	14,008	13,545
63	55	84 859	13 181,103	179 251,971	13,599	13,136
64	56	83 486	12 590,110	166 070,867	13,191	12,727
65	57	82 001	12 006,095	153 480,757	12,784	12,320
66	58	80 420	11 431,613	141 474,661	12,376	11,913
67	59	78 741	10 866,878	130 043,049	11,967	11,504
68	60	76 960	10 311,740	119 176,171	11,557	11,094
69	61	75 085	9 767,571	108 864,431	11,145	10,682
70	62	73 083	9 230,210	99 096,860	10,736	10,273
71	63	71 015	8 707,759	89 866,650	10,320	9,857
72	64	68 798	8 190,179	81 158,891	9,909	9,446
73	65	66 496	7 685,562	72 968,712	9,494	9,031
74	66	64 069	7 189,451	65 283,150	9,080	8,617
75	67	61 534	6 703,814	58 093,699	8,666	8,203
76	68	58 901	6 230,088	51 389,885	8,249	7,785
77	69	56 118	5 762,835	45 159,797	7,836	7,373
78	70	53 212	5 305,276	39 396,963	7,426	6,963
79	71	50 153	4 854,609	34 091,687	7,023	6,559
80	72	46 969	4 414,028	29 237,078	6,624	6,160
81	73	43 663	3 983,765	24 823,050	6,231	5,768
82	74	40 174	3 558,746	20 839,285	5,856	5,393
83	75	36 591	3 146,892	17 280,539	5,491	5,028
84	76	32 964	2 752,373	14 133,648	5,135	4,672
85	77	29 286	2 374,053	11 381,275	4,794	4,331
86	78	25 596	2 014,521	9 007,222	4,471	4,008
87	79	21 963	1 678,262	6 992,701	4,167	3,703
88	80	18 463	1 369,708	5 314,439	3,880	3,417
89	81	15 144	1 090,789	3 944,731	3,616	3,153
90	82	12 104	846,431	2 853,942	3,372	2,909
91	83	9 417	639,362	2 007,512	3,140	2,677
92	84	7 115	468,969	1 368,150	2,917	2,454
93	85	5 152	329,711	899,181	2,727	2,264
94	86	3 601	223,751	569,470	2,545	2,082
95	87	2 400	144,753	345,720	2,388	1,925
96	88	1 533	89,792	200,967	2,238	1,775
97	89	920	52,327	111,175	2,125	1,661
98	90	531	29,338	58,848	2,006	1,543
99	91	290	15,520	29,510	1,901	1,438
100	92	149	7,729	13,989	1,810	1,347

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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9	0	99 543	76 291,478	2 229 601,922	29,225	28,762
10	1	99 236	73 840,884	2 153 310,443	29,161	28,698
11	2	99 204	71 666,725	2 079 469,559	29,016	28,553
12	3	99 184	69 565,316	2 007 802,835	28,862	28,399
13	4	99 166	67 527,528	1 938 237,518	28,703	28,240
14	5	99 147	65 548,148	1 870 709,991	28,539	28,076
15	6	99 125	63 624,677	1 805 161,843	28,372	27,909
16	7	99 101	61 756,192	1 741 537,166	28,200	27,737
17	8	99 071	59 939,846	1 679 780,974	28,024	27,561
18	9	99 037	58 173,982	1 619 841,128	27,845	27,382
19	10	98 993	56 454,499	1 561 667,146	27,662	27,199
20	11	98 948	54 785,192	1 505 212,647	27,475	27,012
21	12	98 898	53 162,426	1 450 427,455	27,283	26,820
22	13	98 850	51 589,038	1 397 265,029	27,085	26,621
23	14	98 796	50 059,006	1 345 675,991	26,882	26,419
24	15	98 746	48 576,593	1 295 616,986	26,672	26,208
25	16	98 687	47 133,610	1 247 040,393	26,458	25,994
26	17	98 630	45 734,012	1 199 906,783	26,237	25,773
27	18	98 571	44 375,536	1 154 172,771	26,009	25,546
28	19	98 506	43 054,663	1 109 797,236	25,776	25,313
29	20	98 441	41 773,074	1 066 742,572	25,537	25,073
30	21	98 371	40 527,732	1 024 969,499	25,291	24,827
31	22	98 300	39 318,739	984 441,767	25,037	24,574
32	23	98 223	38 143,811	945 123,028	24,778	24,315
33	24	98 144	37 002,687	906 979,217	24,511	24,048
34	25	98 054	35 892,194	869 976,530	24,239	23,775
35	26	97 960	34 813,351	834 084,336	23,959	23,496
36	27	97 863	33 765,898	799 270,985	23,671	23,208
37	28	97 758	32 747,202	765 505,087	23,376	22,913
38	29	97 639	31 754,763	732 757,885	23,076	22,612
39	30	97 510	30 788,981	701 003,122	22,768	22,305
40	31	97 370	29 849,447	670 214,141	22,453	21,990
41	32	97 219	28 935,087	640 364,694	22,131	21,668
42	33	97 056	28 045,236	611 429,607	21,802	21,338
43	34	96 881	27 179,358	583 384,371	21,464	21,001
44	35	96 693	26 336,399	556 205,014	21,119	20,656
45	36	96 479	25 512,827	529 868,615	20,769	20,305
46	37	96 246	24 709,883	504 355,788	20,411	19,948
47	38	95 991	23 926,537	479 645,905	20,047	19,583
48	39	95 706	23 160,662	455 719,368	19,676	19,213
49	40	95 394	22 412,886	432 558,706	19,300	18,836
50	41	95 046	21 680,552	410 145,820	18,918	18,454
51	42	94 659	20 963,578	388 465,267	18,530	18,067
52	43	94 234	20 261,547	367 501,689	18,138	17,675
53	44	93 759	19 572,162	347 240,142	17,742	17,278
54	45	93 228	18 894,482	327 667,981	17,342	16,879
55	46	92 625	18 225,611	308 773,499	16,942	16,479
56	47	91 966	17 568,730	290 547,888	16,538	16,075
57	48	91 235	16 921,439	272 979,159	16,132	15,669
58	49	90 421	16 282,126	256 057,720	15,726	15,263
59	50	89 527	15 651,545	239 775,594	15,320	14,856
60	51	88 562	15 031,960	224 124,049	14,910	14,447
61	52	87 504	14 419,694	209 092,089	14,500	14,037
62	53	86 355	13 815,899	194 672,395	14,090	13,627
63	54	85 105	13 219,290	180 856,497	13,681	13,218
64	55	83 757	12 631,104	167 637,207	13,272	12,809
65	56	82 296	12 049,195	155 006,103	12,864	12,401
66	57	80 737	11 476,648	142 956,908	12,456	11,993
67	58	79 085	10 914,349	131 480,259	12,047	11,583
68	59	77 324	10 360,500	120 565,911	11,637	11,174
69	60	75 484	9 819,378	110 205,411	11,223	10,760
70	61	73 501	9 282,992	100 386,032	10,814	10,351
71	62	71 453	8 761,506	91 103,041	10,398	9,935
72	63	69 265	8 245,830	82 341,535	9,986	9,523
73	64	66 996	7 743,426	74 095,705	9,569	9,106
74	65	64 584	7 247,214	66 352,280	9,156	8,692
75	66	62 078	6 763,073	59 105,065	8,739	8,276
76	67	59 465	6 289,729	52 341,992	8,322	7,859
77	68	56 712	5 823,784	46 052,264	7,908	7,444
78	69	53 834	5 367,293	40 228,479	7,495	7,032
79	70	50 793	4 916,551	34 861,186	7,091	6,627
80	71	47 622	4 475,348	29 944,635	6,691	6,228
81	72	44 319	4 043,666	25 469,287	6,299	5,835
82	73	40 845	3 618,142	21 425,621	5,922	5,458
83	74	37 256	3 204,062	17 807,479	5,558	5,095
84	75	33 610	2 806,343	14 603,417	5,204	4,740
85	76	29 931	2 426,380	11 797,074	4,862	4,399
86	77	26 220	2 063,628	9 370,694	4,541	4,078
87	78	22 583	1 725,627	7 307,066	4,234	3,771
88	79	19 062	1 414,132	5 581,439	3,947	3,484
89	80	15 718	1 132,066	4 167,307	3,681	3,218
90	81	12 644	884,161	3 035,241	3,433	2,970
91	82	9 907	672,573	2 151,080	3,198	2,735
92	83	7 543	497,164	1 478,507	2,974	2,511
93	84	5 511	352,693	981,344	2,782	2,319
94	85	3 898	242,187	628,650	2,596	2,132
95	86	2 629	158,577	386,463	2,437	1,974
96	87	1 704	99,763	227,886	2,284	1,821
97	88	1 039	59,073	128,123	2,169	1,706
98	89	611	33,703	69,049	2,049	1,586
99	90	340	18,205	35,346	1,942	1,478
100	91	178	9,285	17,141	1,846	1,383

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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9						
10	0	99 535	74 063,470	2 155 593,897	29,105	28,641
11	1	99 228	71 684,498	2 081 530,427	29,037	28,574
12	2	99 196	69 573,959	2 009 845,929	28,888	28,425
13	3	99 177	67 534,493	1 940 271,970	28,730	28,267
14	4	99 157	65 554,420	1 872 737,477	28,568	28,104
15	5	99 134	63 630,345	1 807 183,057	28,401	27,938
16	6	99 109	61 761,656	1 743 552,712	28,230	27,767
17	7	99 076	59 942,630	1 681 791,056	28,057	27,593
18	8	99 044	58 178,036	1 621 848,426	27,877	27,414
19	9	98 999	56 457,952	1 563 670,390	27,696	27,233
20	10	98 954	54 788,397	1 507 212,437	27,510	27,046
21	11	98 905	53 166,538	1 452 424,040	27,318	26,855
22	12	98 858	51 593,089	1 399 257,503	27,121	26,658
23	13	98 805	50 063,722	1 347 664,414	26,919	26,456
24	14	98 755	48 581,072	1 297 600,691	26,710	26,247
25	15	98 699	47 139,345	1 249 019,619	26,496	26,033
26	16	98 644	45 740,747	1 201 880,274	26,276	25,813
27	17	98 584	44 381,579	1 156 139,527	26,050	25,587
28	18	98 525	43 063,147	1 111 757,948	25,817	25,354
29	19	98 458	41 780,376	1 068 694,801	25,579	25,116
30	20	98 390	40 535,226	1 026 914,425	25,334	24,871
31	21	98 316	39 325,223	986 379,199	25,083	24,619
32	22	98 239	38 150,022	947 053,975	24,824	24,361
33	23	98 161	37 009,348	908 903,953	24,559	24,096
34	24	98 072	35 898,654	871 894,605	24,288	23,824
35	25	97 979	34 819,974	835 995,952	24,009	23,546
36	26	97 881	33 772,254	801 175,978	23,723	23,260
37	27	97 779	32 754,250	767 403,724	23,429	22,966
38	28	97 662	31 762,248	734 649,474	23,130	22,666
39	29	97 535	30 796,951	702 887,226	22,823	22,360
40	30	97 401	29 858,916	672 090,275	22,509	22,046
41	31	97 250	28 944,176	642 231,359	22,189	21,725
42	32	97 089	28 054,848	613 287,184	21,860	21,397
43	33	96 916	27 189,155	585 232,336	21,524	21,061
44	34	96 732	26 347,095	558 043,181	21,180	20,717
45	35	96 519	25 523,346	531 696,086	20,832	20,369
46	36	96 290	24 721,218	506 172,740	20,475	20,012
47	37	96 036	23 937,900	481 451,522	20,113	19,649
48	38	95 763	23 174,642	457 513,622	19,742	19,279
49	39	95 452	22 426,368	434 338,980	19,367	18,904
50	40	95 111	21 695,429	411 912,613	18,986	18,523
51	41	94 730	20 979,108	390 217,184	18,600	18,137
52	42	94 309	20 277,642	369 238,075	18,209	17,746
53	43	93 844	19 589,951	348 960,433	17,813	17,350
54	44	93 318	18 912,838	329 370,483	17,415	16,952
55	45	92 732	18 246,635	310 457,644	17,015	16,551
56	46	92 078	17 590,146	292 211,009	16,612	16,149
57	47	91 360	16 944,658	274 620,863	16,207	15,744
58	48	90 566	16 308,122	257 676,205	15,800	15,337
59	49	89 684	15 678,953	241 368,084	15,394	14,931
60	50	88 727	15 059,869	225 689,131	14,986	14,523
61	51	87 692	14 450,657	210 629,262	14,576	14,113
62	52	86 557	13 848,206	196 178,605	14,166	13,703
63	53	85 324	13 253,320	182 330,399	13,757	13,294
64	54	84 000	12 667,697	169 077,078	13,347	12,884
65	55	82 564	12 088,427	156 409,381	12,939	12,476
66	56	81 027	11 517,847	144 320,954	12,530	12,067
67	57	79 396	10 957,347	132 803,107	12,120	11,657
68	58	77 661	10 405,759	121 845,760	11,709	11,246
69	59	75 841	9 865,810	111 440,001	11,296	10,832
70	60	73 891	9 332,228	101 574,191	10,884	10,421
71	61	71 862	8 811,607	92 241,962	10,468	10,005
72	62	69 693	8 296,725	83 430,355	10,056	9,593
73	63	67 451	7 796,040	75 133,630	9,637	9,174
74	64	65 070	7 301,778	67 337,589	9,222	8,759
75	65	62 577	6 817,411	60 035,811	8,806	8,343
76	66	59 991	6 345,327	53 218,400	8,387	7,924
77	67	57 254	5 879,535	46 873,073	7,972	7,509
78	68	54 404	5 424,059	40 993,538	7,558	7,094
79	69	51 386	4 974,024	35 569,479	7,151	6,688
80	70	48 229	4 532,452	30 595,454	6,750	6,287
81	71	44 935	4 099,841	26 063,003	6,357	5,894
82	72	41 459	3 672,546	21 963,162	5,980	5,517
83	73	37 877	3 257,538	18 290,616	5,615	5,152
84	74	34 221	2 857,326	15 033,078	5,261	4,798
85	75	30 518	2 473,958	12 175,751	4,922	4,458
86	76	26 798	2 109,113	9 701,793	4,600	4,137
87	77	23 134	1 767,692	7 592,681	4,295	3,832
88	78	19 600	1 454,043	5 824,989	4,006	3,543
89	79	16 227	1 168,782	4 370,946	3,740	3,277
90	80	13 122	917,619	3 202,164	3,490	3,026
91	81	10 348	702,553	2 284,545	3,252	2,789
92	82	7 934	522,988	1 581,991	3,025	2,562
93	83	5 843	373,897	1 059,003	2,832	2,369
94	84	4 170	259,069	685,106	2,644	2,181
95	85	2 846	171,644	426,037	2,482	2,019
96	86	1 866	109,291	254,393	2,328	1,864
97	87	1 154	65,633	145,102	2,211	1,748
98	88	689	38,049	79,469	2,089	1,625
99	89	390	20,914	41,420	1,980	1,517
100	90	209	10,891	20,506	1,883	1,420

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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9						
10						
11	0	99 527	71 900,584	2 083 636,309	28,979	28,516
12	1	99 220	69 591,214	2 011 735,725	28,908	28,445
13	2	99 189	67 542,883	1 942 144,512	28,754	28,291
14	3	99 167	65 561,182	1 874 601,628	28,593	28,130
15	4	99 143	63 636,434	1 809 040,447	28,428	27,965
16	5	99 118	61 767,158	1 745 404,013	28,258	27,795
17	6	99 085	59 947,933	1 683 636,855	28,085	27,622
18	7	99 049	58 180,739	1 623 688,922	27,908	27,444
19	8	99 006	56 461,887	1 565 508,183	27,727	27,264
20	9	98 960	54 791,748	1 509 046,296	27,541	27,078
21	10	98 911	53 169,648	1 454 254,547	27,351	26,888
22	11	98 865	51 597,079	1 401 084,900	27,154	26,691
23	12	98 813	50 067,654	1 349 487,820	26,953	26,490
24	13	98 765	48 585,650	1 299 420,167	26,745	26,282
25	14	98 708	47 143,692	1 250 834,517	26,532	26,069
26	15	98 656	45 746,313	1 203 690,825	26,312	25,849
27	16	98 599	44 388,115	1 157 944,512	26,087	25,624
28	17	98 539	43 069,012	1 113 556,397	25,855	25,392
29	18	98 478	41 788,610	1 070 487,386	25,617	25,154
30	19	98 407	40 542,312	1 028 698,776	25,373	24,910
31	20	98 334	39 332,495	988 156,464	25,123	24,660
32	21	98 256	38 156,314	948 823,969	24,867	24,404
33	22	98 177	37 015,374	910 667,655	24,602	24,139
34	23	98 089	35 905,115	873 652,281	24,332	23,869
35	24	97 996	34 826,241	837 747,165	24,055	23,592
36	25	97 900	33 778,679	802 920,925	23,770	23,307
37	26	97 797	32 760,415	769 142,245	23,478	23,015
38	27	97 683	31 769,084	736 381,830	23,179	22,716
39	28	97 558	30 804,209	704 612,746	22,874	22,411
40	29	97 426	29 866,644	673 808,536	22,561	22,097
41	30	97 280	28 953,358	643 941,892	22,241	21,777
42	31	97 120	28 063,660	614 988,534	21,914	21,451
43	32	96 949	27 198,474	586 924,874	21,579	21,116
44	33	96 767	26 356,593	559 726,401	21,237	20,773
45	34	96 558	25 533,712	533 369,808	20,889	20,426
46	35	96 330	24 731,411	507 836,096	20,534	20,071
47	36	96 080	23 948,880	483 104,685	20,172	19,709
48	37	95 809	23 185,647	459 155,805	19,803	19,340
49	38	95 509	22 439,904	435 970,157	19,428	18,965
50	39	95 168	21 708,479	413 530,253	19,049	18,586
51	40	94 795	20 993,503	391 821,774	18,664	18,201
52	41	94 379	20 292,664	370 828,271	18,274	17,811
53	42	93 918	19 605,513	350 535,607	17,879	17,416
54	43	93 403	18 930,028	330 930,094	17,482	17,019
55	44	92 822	18 264,362	312 000,066	17,082	16,619
56	45	92 184	17 610,437	293 735,704	16,680	16,216
57	46	91 471	16 965,314	276 125,267	16,276	15,813
58	47	90 690	16 330,499	259 159,953	15,870	15,406
59	48	89 827	15 703,986	242 829,454	15,463	15,000
60	49	88 882	15 086,241	227 125,468	15,055	14,592
61	50	87 854	14 477,487	212 039,227	14,646	14,183
62	51	86 743	13 877,942	197 561,740	14,236	13,772
63	52	85 523	13 284,312	183 683,798	13,827	13,364
64	53	84 216	12 700,307	170 399,486	13,417	12,954
65	54	82 803	12 123,448	157 699,179	13,008	12,545
66	55	81 291	11 555,350	145 575,731	12,598	12,135
67	56	79 681	10 996,681	134 020,381	12,187	11,724
68	57	77 967	10 446,753	123 023,699	11,776	11,313
69	58	76 172	9 908,908	112 576,946	11,361	10,898
70	59	74 240	9 376,357	102 668,038	10,950	10,486
71	60	72 243	8 858,344	93 291,681	10,532	10,068
72	61	70 091	8 344,169	84 433,338	10,119	9,656
73	62	67 868	7 844,160	76 089,168	9,700	9,237
74	63	65 513	7 351,392	68 245,008	9,283	8,820
75	64	63 048	6 868,739	60 893,616	8,865	8,402
76	65	60 473	6 396,308	54 024,878	8,446	7,983
77	66	57 761	5 931,508	47 628,569	8,030	7,567
78	67	54 924	5 475,984	41 697,061	7,615	7,151
79	68	51 930	5 026,631	36 221,077	7,206	6,743
80	69	48 793	4 585,434	31 194,446	6,803	6,340
81	70	45 508	4 152,153	26 609,012	6,408	5,945
82	71	42 035	3 723,565	22 456,858	6,031	5,568
83	72	38 447	3 306,520	18 733,293	5,666	5,202
84	73	34 792	2 905,016	15 426,774	5,310	4,847
85	74	31 072	2 518,903	12 521,758	4,971	4,508
86	75	27 323	2 150,469	10 002,855	4,651	4,188
87	76	23 644	1 806,654	7 852,386	4,346	3,883
88	77	20 078	1 489,488	6 045,732	4,059	3,596
89	78	16 685	1 201,768	4 556,244	3,791	3,328
90	79	13 548	947,380	3 354,476	3,541	3,078
91	80	10 740	729,139	2 407,095	3,301	2,838
92	81	8 288	546,301	1 677,956	3,071	2,608
93	82	6 146	393,319	1 131,655	2,877	2,414
94	83	4 420	274,644	738,336	2,688	2,225
95	84	3 044	183,608	463,692	2,525	2,062
96	85	2 020	118,296	280,084	2,368	1,904
97	86	1 265	71,901	161,787	2,250	1,787
98	87	766	42,274	89,886	2,126	1,663
99	88	441	23,610	47,612	2,017	1,553
100	89	240	12,512	24,002	1,918	1,455

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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12	0	99 520	69 800,990	2 013 678,207	28,849	28,386
13	1	99 214	67 559,634	1 943 877,217	28,773	28,310
14	2	99 179	65 569,327	1 876 317,583	28,616	28,153
15	3	99 154	63 642,997	1 810 748,256	28,452	27,988
16	4	99 128	61 773,069	1 747 105,259	28,283	27,819
17	5	99 094	59 953,274	1 685 332,190	28,111	27,648
18	6	99 058	58 185,886	1 625 378,916	27,934	27,471
19	7	99 011	56 464,510	1 567 193,030	27,755	27,292
20	8	98 967	54 795,567	1 510 728,520	27,570	27,107
21	9	98 917	53 172,900	1 455 932,953	27,381	26,918
22	10	98 871	51 600,097	1 402 760,053	27,185	26,722
23	11	98 820	50 071,526	1 351 159,955	26,985	26,521
24	12	98 772	48 589,465	1 301 088,430	26,777	26,314
25	13	98 718	47 148,134	1 252 498,965	26,565	26,102
26	14	98 665	45 750,531	1 205 350,830	26,346	25,883
27	15	98 611	44 393,516	1 159 600,299	26,121	25,658
28	16	98 553	43 075,354	1 115 206,783	25,890	25,426
29	17	98 491	41 794,300	1 072 131,429	25,653	25,189
30	18	98 426	40 550,301	1 030 337,129	25,409	24,946
31	19	98 352	39 339,371	989 786,827	25,160	24,697
32	20	98 274	38 163,370	950 447,456	24,905	24,441
33	21	98 193	37 021,479	912 284,086	24,642	24,179
34	22	98 105	35 910,962	875 262,607	24,373	23,910
35	23	98 014	34 832,509	839 351,646	24,097	23,634
36	24	97 918	33 784,759	804 519,136	23,813	23,350
37	25	97 816	32 766,648	770 734,378	23,522	23,059
38	26	97 701	31 775,064	737 967,729	23,225	22,762
39	27	97 579	30 810,839	706 192,665	22,920	22,457
40	28	97 449	29 873,684	675 381,826	22,608	22,145
41	29	97 306	28 960,852	645 508,142	22,289	21,826
42	30	97 151	28 072,563	616 547,290	21,963	21,499
43	31	96 980	27 207,017	588 474,728	21,630	21,166
44	32	96 800	26 365,626	561 267,711	21,288	20,825
45	33	96 593	25 542,916	534 902,085	20,941	20,478
46	34	96 369	24 741,456	509 359,168	20,587	20,124
47	35	96 120	23 958,754	484 617,713	20,227	19,764
48	36	95 853	23 196,283	460 658,959	19,859	19,396
49	37	95 555	22 450,561	437 462,676	19,486	19,022
50	38	95 225	21 721,582	415 012,115	19,106	18,643
51	39	94 852	21 006,131	393 290,532	18,723	18,259
52	40	94 444	20 306,588	372 284,401	18,333	17,870
53	41	93 988	19 620,037	351 977,813	17,940	17,476
54	42	93 477	18 945,066	332 357,776	17,543	17,080
55	43	92 907	18 280,962	313 412,710	17,144	16,681
56	44	92 273	17 627,546	295 131,748	16,743	16,279
57	45	91 577	16 984,884	277 504,202	16,338	15,875
58	46	90 800	16 350,406	260 519,318	15,934	15,470
59	47	89 950	15 725,535	244 168,912	15,527	15,064
60	48	89 024	15 110,327	228 443,377	15,118	14,655
61	49	88 008	14 502,839	213 333,050	14,710	14,247
62	50	86 904	13 903,709	198 830,211	14,301	13,837
63	51	85 707	13 312,837	184 926,502	13,891	13,428
64	52	84 413	12 730,006	171 613,665	13,481	13,018
65	53	83 016	12 154,657	158 883,659	13,072	12,609
66	54	81 526	11 588,826	146 729,001	12,661	12,198
67	55	79 941	11 032,487	135 140,175	12,249	11,786
68	56	78 247	10 484,255	124 107,688	11,838	11,374
69	57	76 472	9 947,945	113 623,433	11,422	10,959
70	58	74 565	9 417,317	103 675,488	11,009	10,546
71	59	72 585	8 900,231	94 258,171	10,591	10,127
72	60	70 463	8 388,426	85 357,940	10,176	9,712
73	61	68 256	7 889,016	76 969,514	9,757	9,293
74	62	65 917	7 396,767	69 080,498	9,339	8,876
75	63	63 476	6 915,410	61 683,731	8,920	8,457
76	64	60 928	6 444,466	54 768,321	8,499	8,035
77	65	58 225	5 979,165	48 323,855	8,082	7,619
78	66	55 410	5 524,389	42 344,690	7,665	7,202
79	67	52 427	5 074,751	36 820,301	7,256	6,792
80	68	49 309	4 633,932	31 745,550	6,851	6,387
81	69	46 040	4 200,690	27 111,618	6,454	5,991
82	70	42 571	3 771,076	22 910,928	6,075	5,612
83	71	38 981	3 352,454	19 139,852	5,709	5,246
84	72	35 315	2 948,696	15 787,397	5,354	4,891
85	73	31 591	2 560,944	12 838,701	5,013	4,550
86	74	27 820	2 189,537	10 277,757	4,694	4,231
87	75	24 107	1 842,079	8 088,220	4,391	3,928
88	76	20 520	1 522,318	6 246,140	4,103	3,640
89	77	17 092	1 231,063	4 723,822	3,837	3,374
90	78	13 930	974,118	3 492,759	3,586	3,122
91	79	11 088	752,787	2 518,641	3,346	2,883
92	80	8 602	566,974	1 765,853	3,115	2,651
93	81	6 420	410,852	1 198,880	2,918	2,455
94	82	4 650	288,910	788,028	2,728	2,264
95	83	3 227	194,647	499,118	2,564	2,101
96	84	2 161	126,542	304,471	2,406	1,943
97	85	1 369	77,826	177,928	2,286	1,823
98	86	839	46,311	100,102	2,162	1,698
99	87	489	26,232	53,791	2,051	1,587
100	88	271	14,125	27,559	1,951	1,488

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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13	0	99 513	67 763,286	1 945 669,416	28,713	28,250
14	1	99 204	65 585,588	1 877 906,130	28,633	28,170
15	2	99 166	63 650,905	1 812 320,542	28,473	28,010
16	3	99 138	61 779,440	1 748 669,637	28,305	27,842
17	4	99 103	59 959,011	1 686 890,197	28,134	27,671
18	5	99 066	58 191,070	1 626 931,186	27,958	27,495
19	6	99 020	56 469,505	1 568 740,117	27,780	27,317
20	7	98 971	54 798,113	1 512 270,611	27,597	27,134
21	8	98 924	53 176,606	1 457 472,499	27,408	26,945
22	9	98 877	51 603,254	1 404 295,893	27,213	26,750
23	10	98 826	50 074,455	1 352 692,639	27,014	26,550
24	11	98 780	48 593,223	1 302 618,184	26,807	26,343
25	12	98 725	47 151,837	1 254 024,961	26,595	26,132
26	13	98 674	45 754,842	1 206 873,124	26,377	25,914
27	14	98 620	44 397,610	1 161 118,282	26,153	25,689
28	15	98 565	43 080,596	1 116 720,673	25,922	25,458
29	16	98 506	41 800,455	1 073 640,077	25,685	25,222
30	17	98 440	40 555,824	1 031 839,622	25,442	24,979
31	18	98 371	39 347,123	991 283,798	25,193	24,730
32	19	98 291	38 170,042	951 936,675	24,939	24,476
33	20	98 212	37 028,325	913 766,633	24,678	24,214
34	21	98 122	35 916,884	876 738,309	24,410	23,947
35	22	98 030	34 838,181	840 821,424	24,135	23,672
36	23	97 935	33 790,840	805 983,243	23,852	23,389
37	24	97 833	32 772,545	772 192,403	23,562	23,099
38	25	97 720	31 781,109	739 419,858	23,266	22,803
39	26	97 597	30 816,639	707 638,748	22,963	22,500
40	27	97 470	29 880,114	676 822,109	22,651	22,188
41	28	97 328	28 967,678	646 941,996	22,333	21,870
42	29	97 176	28 079,829	617 974,318	22,008	21,545
43	30	97 011	27 215,648	589 894,489	21,675	21,212
44	31	96 831	26 373,908	562 678,841	21,335	20,871
45	32	96 626	25 551,671	536 304,934	20,989	20,526
46	33	96 404	24 750,374	510 753,263	20,636	20,173
47	34	96 159	23 968,485	486 002,889	20,277	19,814
48	35	95 892	23 205,847	462 034,404	19,910	19,447
49	36	95 598	22 460,859	438 828,557	19,537	19,074
50	37	95 271	21 731,898	416 367,698	19,159	18,696
51	38	94 909	21 018,811	394 635,800	18,775	18,312
52	39	94 500	20 318,803	373 616,989	18,388	17,925
53	40	94 053	19 633,499	353 298,186	17,995	17,531
54	41	93 547	18 959,101	333 664,687	17,599	17,136
55	42	92 980	18 295,484	314 705,587	17,201	16,738
56	43	92 357	17 643,568	296 410,102	16,800	16,337
57	44	91 666	17 001,385	278 766,534	16,397	15,933
58	45	90 905	16 369,267	261 765,149	15,991	15,528
59	46	90 060	15 744,704	245 395,882	15,586	15,123
60	47	89 146	15 131,061	229 651,178	15,177	14,714
61	48	88 149	14 525,994	214 520,116	14,768	14,305
62	49	87 056	13 928,056	199 994,122	14,359	13,896
63	50	85 866	13 337,555	186 066,066	13,951	13,487
64	51	84 595	12 757,341	172 728,512	13,540	13,076
65	52	83 210	12 183,080	159 971,170	13,131	12,667
66	53	81 736	11 618,659	147 788,090	12,720	12,257
67	54	80 172	11 064,449	136 169,431	12,307	11,844
68	55	78 502	10 518,392	125 104,983	11,894	11,431
69	56	76 746	9 983,656	114 586,590	11,477	11,014
70	57	74 858	9 454,417	104 602,934	11,064	10,601
71	58	72 902	8 939,111	95 148,517	10,644	10,181
72	59	70 796	8 428,092	86 209,406	10,229	9,766
73	60	68 618	7 930,859	77 781,314	9,807	9,344
74	61	66 294	7 439,065	69 850,455	9,390	8,926
75	62	63 868	6 958,094	62 411,391	8,970	8,506
76	63	61 342	6 488,254	55 453,297	8,547	8,083
77	64	58 663	6 024,181	48 965,042	8,128	7,665
78	65	55 855	5 568,775	42 940,861	7,711	7,248
79	66	52 890	5 119,610	37 372,086	7,300	6,837
80	67	49 781	4 678,292	32 252,476	6,894	6,431
81	68	46 527	4 245,118	27 574,184	6,496	6,032
82	69	43 069	3 815,159	23 329,066	6,115	5,652
83	70	39 478	3 395,230	19 513,907	5,747	5,284
84	71	35 805	2 989,660	16 118,677	5,391	4,928
85	72	32 066	2 599,451	13 129,017	5,051	4,587
86	73	28 284	2 226,081	10 529,565	4,730	4,267
87	74	24 545	1 875,545	8 303,484	4,427	3,964
88	75	20 923	1 552,168	6 427,939	4,141	3,678
89	76	17 469	1 258,198	4 875,771	3,875	3,412
90	77	14 270	997,864	3 617,573	3,625	3,162
91	78	11 401	774,033	2 619,710	3,384	2,921
92	79	8 881	585,363	1 845,677	3,153	2,690
93	80	6 663	426,399	1 260,314	2,956	2,492
94	81	4 857	301,789	833,915	2,763	2,300
95	82	3 395	204,758	532,126	2,599	2,136
96	83	2 291	134,150	327,369	2,440	1,977
97	84	1 464	83,251	193,218	2,321	1,858
98	85	908	50,127	109,968	2,194	1,731
99	86	536	28,737	59,841	2,082	1,619
100	87	302	15,693	31,103	1,982	1,519

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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14	0	99 503	65 783,290	1 879 560,125	28,572	28,109
15	1	99 191	63 666,690	1 813 776,835	28,489	28,025
16	2	99 150	61 787,115	1 750 110,145	28,325	27,862
17	3	99 113	59 965,195	1 688 323,030	28,155	27,692
18	4	99 076	58 196,638	1 628 357,834	27,980	27,517
19	5	99 028	56 474,536	1 570 161,196	27,803	27,340
20	6	98 980	54 802,960	1 513 686,660	27,621	27,157
21	7	98 929	53 179,077	1 458 883,700	27,433	26,970
22	8	98 884	51 606,850	1 405 704,623	27,239	26,775
23	9	98 832	50 077,518	1 354 097,773	27,040	26,577
24	10	98 786	48 596,065	1 304 020,255	26,834	26,371
25	11	98 733	47 155,483	1 255 424,190	26,623	26,160
26	12	98 682	45 758,435	1 208 268,706	26,405	25,942
27	13	98 629	44 401,793	1 162 510,271	26,182	25,718
28	14	98 574	43 084,568	1 118 108,478	25,951	25,488
29	15	98 517	41 805,542	1 075 023,910	25,715	25,252
30	16	98 454	40 561,796	1 033 218,368	25,473	25,009
31	17	98 384	39 352,481	992 656,572	25,225	24,762
32	18	98 310	38 177,563	953 304,090	24,970	24,507
33	19	98 229	37 034,798	915 126,527	24,710	24,247
34	20	98 140	35 923,526	878 091,729	24,443	23,980
35	21	98 046	34 843,927	842 168,203	24,170	23,707
36	22	97 951	33 796,342	807 324,276	23,888	23,425
37	23	97 851	32 778,444	773 527,934	23,599	23,135
38	24	97 738	31 786,829	740 749,490	23,304	22,840
39	25	97 616	30 822,502	708 962,661	23,001	22,538
40	26	97 488	29 885,738	678 140,159	22,691	22,228
41	27	97 349	28 973,912	648 254,421	22,374	21,911
42	28	97 199	28 086,447	619 280,508	22,049	21,586
43	29	97 036	27 222,692	591 194,061	21,717	21,254
44	30	96 861	26 382,274	563 971,369	21,377	20,914
45	31	96 656	25 559,697	537 589,095	21,033	20,569
46	32	96 437	24 758,857	512 029,398	20,681	20,217
47	33	96 194	23 977,125	487 270,541	20,322	19,859
48	34	95 931	23 215,272	463 293,416	19,956	19,493
49	35	95 638	22 470,120	440 078,144	19,585	19,122
50	36	95 314	21 741,866	417 608,024	19,208	18,744
51	37	94 954	21 028,792	395 866,158	18,825	18,362
52	38	94 557	20 331,067	374 837,365	18,437	17,973
53	39	94 109	19 645,309	354 506,298	18,045	17,582
54	40	93 611	18 972,110	334 860,989	17,650	17,187
55	41	93 049	18 309,038	315 888,879	17,253	16,790
56	42	92 431	17 657,584	297 579,841	16,853	16,390
57	43	91 749	17 016,838	279 922,258	16,450	15,986
58	44	90 993	16 385,171	262 905,420	16,045	15,582
59	45	90 164	15 762,866	246 520,249	15,639	15,176
60	46	89 255	15 149,506	230 757,383	15,232	14,769
61	47	88 270	14 545,926	215 607,877	14,823	14,359
62	48	87 195	13 950,293	201 061,950	14,413	13,950
63	49	86 016	13 360,910	187 111,657	14,004	13,541
64	50	84 752	12 781,027	173 750,747	13,594	13,131
65	51	83 389	12 209,241	160 969,720	13,184	12,721
66	52	81 927	11 645,829	148 760,479	12,774	12,310
67	53	80 379	11 092,932	137 114,650	12,361	11,897
68	54	78 729	10 548,865	126 021,719	11,946	11,483
69	55	76 996	10 016,163	115 472,854	11,529	11,065
70	56	75 127	9 488,356	105 456,691	11,114	10,651
71	57	73 189	8 974,328	95 968,335	10,694	10,230
72	58	71 105	8 464,909	86 994,007	10,277	9,814
73	59	68 942	7 968,361	78 529,098	9,855	9,392
74	60	66 645	7 478,521	70 560,737	9,435	8,972
75	61	64 233	6 997,883	63 082,216	9,014	8,551
76	62	61 720	6 528,302	56 084,333	8,591	8,128
77	63	59 062	6 065,114	49 556,031	8,171	7,707
78	64	56 276	5 610,702	43 490,917	7,751	7,288
79	65	53 315	5 160,743	37 880,215	7,340	6,877
80	66	50 221	4 719,646	32 719,472	6,933	6,469
81	67	46 972	4 285,757	27 999,825	6,533	6,070
82	68	43 525	3 855,509	23 714,068	6,151	5,687
83	69	39 940	3 434,919	19 858,559	5,781	5,318
84	70	36 262	3 027,807	16 423,640	5,424	4,961
85	71	32 512	2 635,563	13 395,833	5,083	4,619
86	72	28 709	2 259,553	10 760,270	4,762	4,299
87	73	24 955	1 906,848	8 500,717	4,458	3,995
88	74	21 303	1 580,367	6 593,868	4,172	3,709
89	75	17 811	1 282,869	5 013,502	3,908	3,445
90	76	14 584	1 019,858	3 730,633	3,658	3,195
91	77	11 679	792,901	2 710,775	3,419	2,956
92	78	9 131	601,883	1 917,873	3,186	2,723
93	79	6 879	440,228	1 315,990	2,989	2,526
94	80	5 041	313,209	875,762	2,796	2,333
95	81	3 546	213,885	562,553	2,630	2,167
96	82	2 410	141,118	348,668	2,471	2,008
97	83	1 552	88,256	207,550	2,352	1,888
98	84	971	53,621	119,294	2,225	1,762
99	85	580	31,105	65,672	2,111	1,648
100	86	330	17,192	34,567	2,011	1,547

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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15	0	99 490	63 858,607	1 815 303,718	28,427	27,964
16	1	99 175	61 802,439	1 751 445,111	28,339	27,876
17	2	99 126	59 972,645	1 689 642,672	28,174	27,710
18	3	99 086	58 202,641	1 629 670,027	28,000	27,537
19	4	99 038	56 479,940	1 571 467,386	27,823	27,360
20	5	98 989	54 807,843	1 514 987,446	27,642	27,179
21	6	98 937	53 183,781	1 460 179,603	27,455	26,992
22	7	98 889	51 609,248	1 406 995,822	27,262	26,799
23	8	98 839	50 081,008	1 355 386,574	27,064	26,601
24	9	98 792	48 599,038	1 305 305,566	26,859	26,395
25	10	98 739	47 158,242	1 256 706,528	26,649	26,185
26	11	98 690	45 761,974	1 209 548,286	26,431	25,968
27	12	98 637	44 405,280	1 163 786,313	26,208	25,745
28	13	98 584	43 088,628	1 119 381,033	25,979	25,515
29	14	98 527	41 809,397	1 076 292,405	25,743	25,280
30	15	98 466	40 566,732	1 034 483,008	25,501	25,038
31	16	98 399	39 358,277	993 916,276	25,253	24,790
32	17	98 324	38 182,762	954 557,999	25,000	24,536
33	18	98 248	37 042,096	916 375,237	24,739	24,276
34	19	98 157	35 929,806	879 333,141	24,474	24,010
35	20	98 064	34 850,370	843 403,335	24,201	23,737
36	21	97 967	33 801,916	808 552,965	23,920	23,457
37	22	97 867	32 783,782	774 751,049	23,632	23,169
38	23	97 755	31 792,550	741 967,267	23,338	22,875
39	24	97 633	30 828,049	710 174,717	23,037	22,573
40	25	97 507	29 891,424	679 346,667	22,727	22,264
41	26	97 368	28 979,366	649 455,243	22,411	21,948
42	27	97 220	28 092,492	620 475,877	22,087	21,624
43	28	97 059	27 229,108	592 383,385	21,756	21,292
44	29	96 886	26 389,103	565 154,276	21,416	20,953
45	30	96 687	25 567,805	538 765,173	21,072	20,609
46	31	96 467	24 766,634	513 197,368	20,721	20,258
47	32	96 227	23 985,343	488 430,735	20,364	19,900
48	33	95 966	23 223,640	464 445,391	19,999	19,536
49	34	95 677	22 479,246	441 221,751	19,628	19,165
50	35	95 354	21 750,830	418 742,505	19,252	18,789
51	36	94 997	21 038,439	396 991,674	18,870	18,407
52	37	94 602	20 340,722	375 953,236	18,483	18,020
53	38	94 166	19 657,167	355 612,513	18,091	17,628
54	39	93 667	18 983,522	335 955,346	17,697	17,234
55	40	93 113	18 321,601	316 971,825	17,300	16,837
56	41	92 499	17 670,664	298 650,224	16,901	16,438
57	42	91 822	17 030,356	280 979,559	16,499	16,036
58	43	91 076	16 400,063	263 949,204	16,094	15,631
59	44	90 251	15 778,180	247 549,141	15,689	15,226
60	45	89 358	15 166,982	231 770,960	15,281	14,818
61	46	88 377	14 563,658	216 603,978	14,873	14,410
62	47	87 315	13 969,436	202 040,320	14,463	14,000
63	48	86 154	13 382,242	188 070,885	14,054	13,591
64	49	84 900	12 803,408	174 688,642	13,644	13,181
65	50	83 544	12 231,909	161 885,234	13,235	12,771
66	51	82 103	11 670,836	149 653,325	12,823	12,360
67	52	80 567	11 118,872	137 982,490	12,410	11,947
68	53	78 932	10 576,020	126 863,618	11,995	11,532
69	54	77 219	10 045,181	116 287,598	11,576	11,113
70	55	75 372	9 519,251	106 242,417	11,161	10,698
71	56	73 452	9 006,544	96 723,166	10,739	10,276
72	57	71 386	8 498,258	87 716,623	10,322	9,858
73	58	69 244	8 003,170	79 218,365	9,898	9,435
74	59	66 961	7 513,884	71 215,195	9,478	9,015
75	60	64 574	7 035,000	63 701,311	9,055	8,592
76	61	62 073	6 565,633	56 666,311	8,631	8,168
77	62	59 426	6 102,550	50 100,678	8,210	7,747
78	63	56 658	5 648,825	43 998,128	7,789	7,326
79	64	53 717	5 199,598	38 349,303	7,375	6,912
80	65	50 625	4 757,566	33 149,705	6,968	6,505
81	66	47 388	4 323,641	28 392,139	6,567	6,103
82	67	43 941	3 892,418	24 068,498	6,183	5,720
83	68	40 362	3 471,248	20 176,080	5,812	5,349
84	69	36 686	3 063,201	16 704,832	5,453	4,990
85	70	32 926	2 669,192	13 641,631	5,111	4,648
86	71	29 108	2 290,943	10 972,439	4,789	4,326
87	72	25 330	1 935,520	8 681,496	4,485	4,022
88	73	21 658	1 606,744	6 745,976	4,199	3,735
89	74	18 135	1 306,175	5 139,232	3,935	3,471
90	75	14 870	1 039,856	3 833,057	3,686	3,223
91	76	11 936	810,378	2 793,201	3,447	2,984
92	77	9 354	616,555	1 982,823	3,216	2,753
93	78	7 073	452,653	1 366,268	3,018	2,555
94	79	5 205	323,367	913,615	2,825	2,362
95	80	3 680	221,979	590,248	2,659	2,196
96	81	2 517	147,409	368,269	2,498	2,035
97	82	1 633	92,840	220,860	2,379	1,916
98	83	1 030	56,845	128,020	2,252	1,789
99	84	621	33,274	71,175	2,139	1,676
100	85	358	18,609	37,902	2,037	1,574

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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16	0	99 474	61 988,736	1 752 855,054	28,277	27,814
17	1	99 150	59 987,519	1 690 866,318	28,187	27,724
18	2	99 098	58 209,872	1 630 878,799	28,017	27,554
19	3	99 048	56 485,766	1 572 668,927	27,842	27,379
20	4	98 999	54 813,088	1 516 183,161	27,661	27,198
21	5	98 946	53 188,519	1 461 370,074	27,475	27,012
22	6	98 897	51 613,814	1 408 181,555	27,283	26,820
23	7	98 844	50 083,335	1 356 567,741	27,086	26,623
24	8	98 799	48 602,425	1 306 484,406	26,881	26,418
25	9	98 745	47 161,127	1 257 881,981	26,672	26,209
26	10	98 696	45 764,651	1 210 720,855	26,455	25,992
27	11	98 645	44 408,714	1 164 956,204	26,233	25,769
28	12	98 591	43 092,012	1 120 547,490	26,004	25,540
29	13	98 536	41 813,336	1 077 455,478	25,768	25,305
30	14	98 475	40 570,473	1 035 642,142	25,527	25,064
31	15	98 411	39 363,066	995 071,670	25,279	24,816
32	16	98 338	38 188,386	955 708,604	25,026	24,563
33	17	98 261	37 047,140	917 520,218	24,766	24,303
34	18	98 176	35 936,886	880 473,078	24,501	24,037
35	19	98 081	34 856,463	844 536,192	24,229	23,766
36	20	97 985	33 808,166	809 679,729	23,949	23,486
37	21	97 883	32 789,189	775 871,562	23,662	23,199
38	22	97 771	31 797,727	743 082,374	23,369	22,906
39	23	97 651	30 833,598	711 284,646	23,068	22,605
40	24	97 525	29 896,804	680 451,048	22,760	22,297
41	25	97 386	28 984,880	650 554,244	22,445	21,981
42	26	97 238	28 097,780	621 569,365	22,122	21,658
43	27	97 080	27 234,969	593 471,584	21,791	21,328
44	28	96 909	26 395,323	566 236,615	21,452	20,989
45	29	96 712	25 574,423	539 841,293	21,109	20,645
46	30	96 498	24 774,490	514 266,870	20,758	20,295
47	31	96 257	23 992,877	489 492,379	20,402	19,938
48	32	95 999	23 231,600	465 499,502	20,037	19,574
49	33	95 711	22 487,349	442 267,902	19,667	19,204
50	34	95 392	21 759,665	419 780,553	19,292	18,828
51	35	95 037	21 047,113	398 020,888	18,911	18,448
52	36	94 646	20 350,053	376 973,776	18,524	18,061
53	37	94 211	19 666,502	356 623,723	18,134	17,670
54	38	93 724	18 994,980	336 957,221	17,739	17,276
55	39	93 169	18 332,622	317 962,240	17,344	16,881
56	40	92 563	17 682,789	299 629,619	16,945	16,481
57	41	91 890	17 042,972	281 946,829	16,543	16,080
58	42	91 148	16 413,091	264 903,857	16,140	15,677
59	43	90 333	15 792,521	248 490,766	15,735	15,271
60	44	89 445	15 181,717	232 698,245	15,328	14,864
61	45	88 479	14 580,458	217 516,528	14,918	14,455
62	46	87 421	13 986,464	202 936,070	14,509	14,046
63	47	86 272	13 400,605	188 949,606	14,100	13,637
64	48	85 036	12 823,850	175 549,001	13,689	13,226
65	49	83 690	12 253,329	162 725,150	13,280	12,817
66	50	82 255	11 692,504	150 471,822	12,869	12,406
67	51	80 740	11 142,747	138 779,318	12,455	11,991
68	52	79 117	10 600,751	127 636,571	12,040	11,577
69	53	77 418	10 071,040	117 035,819	11,621	11,158
70	54	75 590	9 546,829	106 964,779	11,204	10,741
71	55	73 691	9 035,869	97 417,951	10,781	10,318
72	56	71 642	8 528,765	88 382,082	10,363	9,900
73	57	69 516	8 034,699	79 853,317	9,939	9,475
74	58	67 253	7 546,708	71 818,618	9,517	9,053
75	59	64 879	7 068,265	64 271,910	9,093	8,630
76	60	62 403	6 600,457	57 203,645	8,667	8,203
77	61	59 766	6 137,447	50 603,188	8,245	7,782
78	62	57 008	5 683,691	44 465,741	7,823	7,360
79	63	54 082	5 234,928	38 782,050	7,408	6,945
80	64	51 006	4 793,386	33 547,122	6,999	6,535
81	65	47 768	4 358,379	28 753,736	6,597	6,134
82	66	44 330	3 926,825	24 395,357	6,212	5,749
83	67	40 749	3 504,479	20 468,531	5,841	5,377
84	68	37 074	3 095,598	16 964,053	5,480	5,017
85	69	33 311	2 700,394	13 868,455	5,136	4,672
86	70	29 480	2 320,175	11 168,061	4,813	4,350
87	71	25 682	1 962,409	8 847,886	4,509	4,045
88	72	21 984	1 630,903	6 885,477	4,222	3,759
89	73	18 438	1 327,976	5 254,574	3,957	3,494
90	74	15 141	1 058,747	3 926,599	3,709	3,245
91	75	12 171	826,268	2 867,852	3,471	3,008
92	76	9 560	630,145	2 041,584	3,240	2,777
93	77	7 246	463,687	1 411,439	3,044	2,581
94	78	5 352	332,494	947,752	2,850	2,387
95	79	3 799	229,178	615,258	2,685	2,221
96	80	2 612	152,987	386,080	2,524	2,060
97	81	1 706	96,979	233,093	2,404	1,940
98	82	1 083	59,798	136,114	2,276	1,813
99	83	658	35,274	76,317	2,164	1,700
100	84	383	19,906	41,043	2,062	1,599

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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17	0	99 449	60 168,345	1 692 168,623	28,124	27,661
18	1	99 123	58 224,308	1 632 000,277	28,030	27,566
19	2	99 060	56 492,784	1 573 775,970	27,858	27,395
20	3	99 009	54 818,741	1 517 283,186	27,678	27,215
21	4	98 956	53 193,609	1 462 464,445	27,493	27,030
22	5	98 906	51 618,412	1 409 270,836	27,302	26,838
23	6	98 853	50 087,765	1 357 652,424	27,105	26,642
24	7	98 803	48 604,683	1 307 564,659	26,902	26,439
25	8	98 752	47 164,413	1 258 959,976	26,693	26,230
26	9	98 702	45 767,450	1 211 795,563	26,477	26,014
27	10	98 650	44 411,312	1 166 028,112	26,255	25,792
28	11	98 599	43 095,344	1 121 616,801	26,026	25,563
29	12	98 544	41 816,620	1 078 521,456	25,792	25,328
30	13	98 484	40 574,295	1 036 704,837	25,551	25,088
31	14	98 420	39 366,696	996 130,541	25,304	24,841
32	15	98 350	38 193,032	956 763,845	25,051	24,588
33	16	98 276	37 052,596	918 570,813	24,791	24,328
34	17	98 190	35 941,780	881 518,217	24,526	24,063
35	18	98 101	34 863,331	845 576,437	24,254	23,791
36	19	98 003	33 814,077	810 713,105	23,976	23,512
37	20	97 901	32 795,252	776 899,029	23,689	23,226
38	21	97 787	31 802,972	744 103,777	23,397	22,934
39	22	97 667	30 838,619	712 300,805	23,098	22,634
40	23	97 542	29 902,185	681 462,186	22,790	22,326
41	24	97 404	28 990,096	651 560,001	22,475	22,012
42	25	97 256	28 103,126	622 569,905	22,153	21,690
43	26	97 098	27 240,095	594 466,779	21,823	21,360
44	27	96 930	26 401,004	567 226,683	21,485	21,022
45	28	96 735	25 580,451	540 825,679	21,142	20,679
46	29	96 523	24 780,903	515 245,229	20,792	20,329
47	30	96 287	24 000,488	490 464,326	20,436	19,972
48	31	96 029	23 238,897	466 463,838	20,073	19,609
49	32	95 744	22 495,057	443 224,940	19,703	19,240
50	33	95 427	21 767,508	420 729,884	19,328	18,865
51	34	95 075	21 055,661	398 962,375	18,948	18,485
52	35	94 685	20 358,443	377 906,714	18,563	18,099
53	36	94 254	19 675,523	357 548,271	18,172	17,709
54	37	93 768	19 004,001	337 872,748	17,779	17,316
55	38	93 225	18 343,687	318 868,747	17,383	16,920
56	39	92 618	17 693,426	300 525,060	16,985	16,522
57	40	91 953	17 054,666	282 831,634	16,584	16,121
58	41	91 216	16 425,250	265 776,967	16,181	15,718
59	42	90 405	15 805,066	249 351,718	15,777	15,313
60	43	89 526	15 195,516	233 546,651	15,369	14,906
61	44	88 565	14 594,623	218 351,135	14,961	14,498
62	45	87 522	14 002,599	203 756,512	14,551	14,088
63	46	86 377	13 416,941	189 753,913	14,143	13,680
64	47	85 152	12 841,447	176 336,973	13,732	13,269
65	48	83 824	12 272,892	163 495,526	13,322	12,858
66	49	82 399	11 712,979	151 222,634	12,911	12,447
67	50	80 889	11 163,435	139 509,655	12,497	12,034
68	51	79 287	10 623,514	128 346,219	12,081	11,618
69	52	77 599	10 094,590	117 722,705	11,662	11,199
70	53	75 785	9 571,405	107 628,115	11,245	10,782
71	54	73 904	9 062,047	98 056,710	10,821	10,357
72	55	71 875	8 556,535	88 994,663	10,401	9,938
73	56	69 766	8 063,542	80 438,129	9,976	9,512
74	57	67 518	7 576,439	72 374,587	9,553	9,089
75	58	65 163	7 099,143	64 798,148	9,128	8,664
76	59	62 698	6 631,668	57 699,006	8,701	8,237
77	60	60 083	6 169,999	51 067,338	8,277	7,813
78	61	57 334	5 716,193	44 897,338	7,854	7,391
79	62	54 416	5 267,240	39 181,145	7,439	6,975
80	63	51 352	4 825,955	33 913,906	7,027	6,564
81	64	48 128	4 391,193	29 087,950	6,624	6,161
82	65	44 686	3 958,375	24 696,757	6,239	5,776
83	66	41 109	3 535,457	20 738,382	5,866	5,403
84	67	37 429	3 125,232	17 202,925	5,505	5,041
85	68	33 664	2 728,954	14 077,693	5,159	4,695
86	69	29 824	2 347,297	11 348,739	4,835	4,372
87	70	26 010	1 987,448	9 001,442	4,529	4,066
88	71	22 289	1 653,560	7 013,994	4,242	3,779
89	72	18 715	1 347,943	5 360,434	3,977	3,514
90	73	15 393	1 076,418	4 012,491	3,728	3,264
91	74	12 392	841,279	2 936,073	3,490	3,027
92	75	9 748	642,501	2 094,794	3,260	2,797
93	76	7 406	473,907	1 452,293	3,065	2,601
94	77	5 482	340,599	978,386	2,873	2,409
95	78	3 907	235,646	637,787	2,707	2,243
96	79	2 697	157,949	402,141	2,546	2,083
97	80	1 770	100,649	244,192	2,426	1,963
98	81	1 132	62,463	143,543	2,298	1,835
99	82	692	37,106	81,080	2,185	1,722
100	83	406	21,103	43,974	2,084	1,621

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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18	0	99 422	58 399,819	1 633 203,477	27,966	27,503
19	1	99 085	56 506,794	1 574 803,658	27,869	27,406
20	2	99 021	54 825,552	1 518 296,864	27,693	27,230
21	3	98 966	53 199,095	1 463 471,313	27,509	27,046
22	4	98 916	51 623,351	1 410 272,217	27,318	26,855
23	5	98 861	50 092,228	1 358 648,866	27,123	26,660
24	6	98 812	48 608,983	1 308 556,638	26,920	26,457
25	7	98 756	47 166,604	1 259 947,655	26,713	26,249
26	8	98 709	45 770,640	1 212 781,051	26,497	26,034
27	9	98 656	44 414,029	1 167 010,411	26,276	25,812
28	10	98 605	43 097,865	1 122 596,382	26,048	25,584
29	11	98 551	41 819,854	1 079 498,517	25,813	25,350
30	12	98 492	40 577,482	1 037 678,664	25,573	25,110
31	13	98 429	39 370,405	997 101,182	25,326	24,863
32	14	98 359	38 196,554	957 730,777	25,074	24,611
33	15	98 288	37 057,105	919 534,222	24,814	24,351
34	16	98 204	35 947,073	882 477,118	24,549	24,086
35	17	98 114	34 868,079	846 530,044	24,278	23,815
36	18	98 022	33 820,740	811 661,965	23,999	23,536
37	19	97 918	32 800,985	777 841,225	23,714	23,251
38	20	97 805	31 808,852	745 040,240	23,422	22,959
39	21	97 683	30 843,705	713 231,388	23,124	22,661
40	22	97 558	29 907,054	682 387,683	22,817	22,354
41	23	97 421	28 995,314	652 480,628	22,503	22,040
42	24	97 274	28 108,184	623 485,314	22,182	21,718
43	25	97 116	27 245,278	595 377,130	21,852	21,389
44	26	96 948	26 405,973	568 131,852	21,515	21,052
45	27	96 756	25 585,956	541 725,879	21,173	20,710
46	28	96 545	24 786,744	516 139,923	20,823	20,360
47	29	96 312	24 006,700	491 353,179	20,467	20,004
48	30	96 059	23 246,269	467 346,478	20,104	19,641
49	31	95 774	22 502,122	444 100,209	19,736	19,273
50	32	95 459	21 774,969	421 598,087	19,362	18,898
51	33	95 109	21 063,251	399 823,118	18,982	18,519
52	34	94 723	20 366,712	378 759,867	18,597	18,134
53	35	94 293	19 683,636	358 393,155	18,208	17,744
54	36	93 811	19 012,718	338 709,519	17,815	17,352
55	37	93 270	18 352,399	319 696,801	17,420	16,957
56	38	92 674	17 704,106	301 344,403	17,021	16,558
57	39	92 008	17 064,925	283 640,297	16,621	16,158
58	40	91 279	16 436,520	266 575,372	16,218	15,755
59	41	90 472	15 816,775	250 138,852	15,815	15,352
60	42	89 597	15 207,587	234 322,077	15,408	14,945
61	43	88 646	14 607,888	219 114,490	15,000	14,537
62	44	87 607	14 016,203	204 506,602	14,591	14,128
63	45	86 477	13 432,418	190 490,399	14,181	13,718
64	46	85 256	12 857,101	177 057,981	13,771	13,308
65	47	83 939	12 289,733	164 200,881	13,361	12,898
66	48	82 531	11 731,680	151 911,148	12,949	12,486
67	49	81 031	11 182,984	140 179,468	12,535	12,072
68	50	79 434	10 643,239	128 996,484	12,120	11,657
69	51	77 766	10 116,266	118 353,245	11,699	11,236
70	52	75 962	9 593,787	108 236,979	11,282	10,819
71	53	74 094	9 085,375	98 643,192	10,857	10,394
72	54	72 083	8 581,323	89 557,817	10,436	9,973
73	55	69 993	8 089,797	80 976,494	10,010	9,546
74	56	67 760	7 603,637	72 886,697	9,586	9,123
75	57	65 419	7 127,110	65 283,060	9,160	8,697
76	58	62 972	6 660,638	58 155,950	8,731	8,268
77	59	60 367	6 199,175	51 495,312	8,307	7,844
78	60	57 638	5 746,511	45 296,137	7,882	7,419
79	61	54 727	5 297,360	39 549,626	7,466	7,003
80	62	51 669	4 855,743	34 252,266	7,054	6,591
81	63	48 455	4 421,030	29 396,524	6,649	6,186
82	64	45 022	3 988,178	24 975,493	6,262	5,799
83	65	41 439	3 563,862	20 987,316	5,889	5,426
84	66	37 760	3 152,858	17 423,454	5,526	5,063
85	67	33 986	2 755,078	14 270,595	5,180	4,717
86	68	30 140	2 372,123	11 515,517	4,855	4,391
87	69	26 314	2 010,681	9 143,394	4,547	4,084
88	70	22 574	1 674,658	7 132,714	4,259	3,796
89	71	18 975	1 366,669	5 458,055	3,994	3,530
90	72	15 625	1 092,603	4 091,386	3,745	3,281
91	73	12 598	855,320	2 998,783	3,506	3,043
92	74	9 925	654,173	2 143,463	3,277	2,813
93	75	7 551	483,200	1 489,289	3,082	2,619
94	76	5 603	348,106	1 006,089	2,890	2,427
95	77	4 002	241,390	657,983	2,726	2,263
96	78	2 773	162,407	416,593	2,565	2,102
97	79	1 828	103,913	254,186	2,446	1,983
98	80	1 174	64,827	150,273	2,318	1,855
99	81	723	38,760	85,447	2,204	1,741
100	82	427	22,199	46,686	2,103	1,640

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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19	0	99 384	56 677,128	1 575 915,556	27,805	27,342
20	1	99 046	54 839,148	1 519 238,428	27,704	27,240
21	2	98 978	53 205,705	1 464 399,280	27,523	27,060
22	3	98 926	51 628,676	1 411 193,575	27,334	26,870
23	4	98 871	50 097,021	1 359 564,899	27,139	26,675
24	5	98 821	48 613,313	1 309 467,878	26,936	26,473
25	6	98 765	47 170,777	1 260 854,565	26,730	26,266
26	7	98 713	45 772,766	1 213 683,788	26,515	26,052
27	8	98 663	44 417,124	1 167 911,021	26,294	25,831
28	9	98 611	43 100,502	1 123 493,898	26,067	25,604
29	10	98 557	41 822,300	1 080 393,396	25,833	25,370
30	11	98 500	40 580,620	1 038 571,096	25,593	25,130
31	12	98 437	39 373,497	997 990,476	25,347	24,884
32	13	98 369	38 200,153	958 616,979	25,095	24,631
33	14	98 297	37 060,522	920 416,826	24,836	24,372
34	15	98 216	35 951,447	883 356,304	24,571	24,108
35	16	98 128	34 873,214	847 404,857	24,300	23,836
36	17	98 035	33 825,346	812 531,642	24,021	23,558
37	18	97 938	32 807,449	778 706,297	23,736	23,272
38	19	97 822	31 814,413	745 898,848	23,445	22,982
39	20	97 701	30 849,409	714 084,435	23,147	22,684
40	21	97 574	29 911,987	683 235,026	22,842	22,378
41	22	97 437	29 000,036	653 323,040	22,528	22,065
42	23	97 291	28 113,243	624 323,004	22,207	21,744
43	24	97 134	27 250,181	596 209,760	21,879	21,416
44	25	96 967	26 410,997	568 959,579	21,543	21,079
45	26	96 774	25 590,772	542 548,582	21,201	20,738
46	27	96 566	24 792,079	516 957,809	20,852	20,389
47	28	96 335	24 012,359	492 165,731	20,496	20,033
48	29	96 084	23 252,286	468 153,372	20,134	19,670
49	30	95 804	22 509,261	444 901,086	19,765	19,302
50	31	95 489	21 781,809	422 391,825	19,392	18,929
51	32	95 142	21 070,470	400 610,017	19,013	18,550
52	33	94 757	20 374,053	379 539,546	18,629	18,165
53	34	94 331	19 691,630	359 165,493	18,240	17,776
54	35	93 850	19 020,557	339 473,863	17,848	17,385
55	36	93 312	18 360,817	320 453,306	17,453	16,990
56	37	92 718	17 712,513	302 092,489	17,055	16,592
57	38	92 064	17 075,226	284 379,975	16,655	16,191
58	39	91 333	16 446,407	267 304,750	16,253	15,790
59	40	90 534	15 827,628	250 858,343	15,849	15,386
60	41	89 663	15 218,853	235 030,715	15,443	14,980
61	42	88 716	14 619,493	219 811,862	15,036	14,572
62	43	87 687	14 028,942	205 192,370	14,626	14,163
63	44	86 561	13 445,468	191 163,428	14,218	13,754
64	45	85 354	12 871,932	177 717,960	13,807	13,343
65	46	84 041	12 304,714	164 846,028	13,397	12,934
66	47	82 644	11 747,778	152 541,314	12,985	12,521
67	48	81 160	11 200,839	140 793,536	12,570	12,107
68	49	79 573	10 661,876	129 592,697	12,155	11,692
69	50	77 910	10 135,048	118 930,821	11,735	11,271
70	51	76 125	9 614,388	108 795,773	11,316	10,853
71	52	74 268	9 106,620	99 181,385	10,891	10,428
72	53	72 269	8 603,414	90 074,765	10,470	10,006
73	54	70 196	8 113,234	81 471,351	10,042	9,579
74	55	67 981	7 628,394	73 358,117	9,616	9,153
75	56	65 654	7 152,695	65 729,723	9,190	8,726
76	57	63 220	6 686,878	58 577,028	8,760	8,297
77	58	60 631	6 226,255	51 890,150	8,334	7,871
78	59	57 910	5 773,684	45 663,894	7,909	7,446
79	60	55 017	5 325,457	39 890,210	7,490	7,027
80	61	51 965	4 883,510	34 564,753	7,078	6,615
81	62	48 754	4 448,318	29 681,243	6,672	6,209
82	63	45 328	4 015,276	25 232,925	6,284	5,821
83	64	41 751	3 590,694	21 217,649	5,909	5,446
84	65	38 063	3 178,190	17 626,955	5,546	5,083
85	66	34 286	2 779,432	14 448,765	5,198	4,735
86	67	30 428	2 394,831	11 669,333	4,873	4,409
87	68	26 592	2 031,947	9 274,502	4,564	4,101
88	69	22 838	1 694,235	7 242,555	4,275	3,812
89	70	19 217	1 384,107	5 548,321	4,009	3,545
90	71	15 842	1 107,782	4 164,214	3,759	3,296
91	72	12 788	868,181	3 056,432	3,521	3,057
92	73	10 090	665,092	2 188,251	3,290	2,827
93	74	7 688	491,978	1 523,159	3,096	2,633
94	75	5 713	354,932	1 031,181	2,905	2,442
95	76	4 090	246,711	676,249	2,741	2,278
96	77	2 841	166,366	429,538	2,582	2,119
97	78	1 879	106,846	263,172	2,463	2,000
98	79	1 212	66,930	156,327	2,336	1,872
99	80	751	40,227	89,397	2,222	1,759
100	81	446	23,188	49,170	2,120	1,657

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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20	0	99 344	55 004,456	1 520 266,206	27,639	27,176
21	1	99 003	53 218,900	1 465 261,750	27,533	27,070
22	2	98 938	51 635,090	1 412 042,850	27,347	26,883
23	3	98 881	50 102,188	1 360 407,760	27,153	26,689
24	4	98 830	48 617,965	1 310 305,572	26,951	26,488
25	5	98 774	47 174,979	1 261 687,607	26,745	26,282
26	6	98 722	45 776,816	1 214 512,627	26,531	26,068
27	7	98 668	44 419,187	1 168 735,811	26,312	25,848
28	8	98 618	43 103,505	1 124 316,624	26,084	25,621
29	9	98 563	41 824,858	1 081 213,119	25,851	25,388
30	10	98 506	40 582,994	1 039 388,260	25,611	25,148
31	11	98 445	39 376,542	998 805,267	25,365	24,902
32	12	98 376	38 203,153	959 428,725	25,114	24,651
33	13	98 306	37 064,014	921 225,572	24,855	24,392
34	14	98 225	35 954,763	884 161,558	24,591	24,128
35	15	98 140	34 877,458	848 206,795	24,320	23,856
36	16	98 050	33 830,327	813 329,338	24,041	23,578
37	17	97 951	32 811,916	779 499,010	23,757	23,293
38	18	97 842	31 820,682	746 687,094	23,465	23,002
39	19	97 718	30 854,802	714 866,411	23,169	22,706
40	20	97 592	29 917,518	684 011,610	22,863	22,400
41	21	97 453	29 004,819	654 094,092	22,551	22,088
42	22	97 307	28 117,821	625 089,273	22,231	21,768
43	23	97 151	27 255,086	596 971,452	21,903	21,440
44	24	96 984	26 415,751	569 716,366	21,567	21,104
45	25	96 792	25 595,641	543 300,615	21,226	20,763
46	26	96 584	24 796,745	517 704,974	20,878	20,415
47	27	96 356	24 017,527	492 908,229	20,523	20,060
48	28	96 107	23 257,767	468 890,702	20,161	19,697
49	29	95 829	22 515,087	445 632,935	19,793	19,329
50	30	95 520	21 788,718	423 117,848	19,419	18,956
51	31	95 172	21 077,089	401 329,130	19,041	18,578
52	32	94 790	20 381,037	380 252,041	18,657	18,194
53	33	94 365	19 698,728	359 871,005	18,269	17,806
54	34	93 888	19 028,282	340 172,277	17,877	17,414
55	35	93 351	18 368,387	321 143,994	17,484	17,020
56	36	92 761	17 720,638	302 775,607	17,086	16,623
57	37	92 107	17 083,334	285 054,969	16,686	16,223
58	38	91 389	16 456,334	267 971,634	16,284	15,821
59	39	90 589	15 837,148	251 515,300	15,881	15,418
60	40	89 725	15 229,295	235 678,152	15,475	15,012
61	41	88 782	14 630,323	220 448,856	15,068	14,605
62	42	87 756	14 040,086	205 818,533	14,659	14,196
63	43	86 639	13 457,688	191 778,447	14,250	13,787
64	44	85 437	12 884,437	178 320,759	13,840	13,377
65	45	84 138	12 318,908	165 436,322	13,429	12,966
66	46	82 745	11 762,099	153 117,413	13,018	12,555
67	47	81 272	11 216,208	141 355,315	12,603	12,140
68	48	79 700	10 678,899	130 139,107	12,187	11,723
69	49	78 047	10 152,796	119 460,208	11,766	11,303
70	50	76 266	9 632,238	109 307,411	11,348	10,885
71	51	74 427	9 126,175	99 675,173	10,922	10,459
72	52	72 438	8 623,533	90 548,999	10,500	10,037
73	53	70 377	8 134,119	81 925,466	10,072	9,609
74	54	68 178	7 650,494	73 791,347	9,645	9,182
75	55	65 868	7 175,984	66 140,852	9,217	8,754
76	56	63 447	6 710,883	58 964,868	8,786	8,323
77	57	60 870	6 250,784	52 253,985	8,360	7,896
78	58	58 163	5 798,906	46 003,201	7,933	7,470
79	59	55 277	5 350,639	40 204,295	7,514	7,051
80	60	52 241	4 909,412	34 853,656	7,099	6,636
81	61	49 033	4 473,756	29 944,245	6,693	6,230
82	62	45 608	4 040,060	25 470,489	6,304	5,841
83	63	42 035	3 615,092	21 430,429	5,928	5,465
84	64	38 350	3 202,118	17 815,337	5,564	5,100
85	65	34 562	2 801,763	14 613,219	5,216	4,752
86	66	30 697	2 416,000	11 811,456	4,889	4,426
87	67	26 847	2 051,398	9 395,456	4,580	4,117
88	68	23 079	1 712,153	7 344,057	4,289	3,826
89	69	19 442	1 400,287	5 631,904	4,022	3,559
90	70	16 044	1 121,917	4 231,617	3,772	3,309
91	71	12 966	880,242	3 109,700	3,533	3,070
92	72	10 242	675,092	2 229,458	3,302	2,839
93	73	7 816	500,189	1 554,366	3,108	2,644
94	74	5 817	361,380	1 054,177	2,917	2,454
95	75	4 170	251,548	692,797	2,754	2,291
96	76	2 903	170,033	441,248	2,595	2,132
97	77	1 925	109,450	271,216	2,478	2,015
98	78	1 247	68,818	161,765	2,351	1,887
99	79	775	41,532	92,947	2,238	1,775
100	80	463	24,066	51,415	2,136	1,673

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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21	0	99 301	53 379,323	1 466 212,003	27,468	27,005
22	1	98 963	51 647,896	1 412 832,680	27,355	26,892
23	2	98 893	50 108,413	1 361 184,784	27,165	26,702
24	3	98 841	48 622,980	1 311 076,371	26,964	26,501
25	4	98 783	47 179,494	1 262 453,392	26,759	26,295
26	5	98 731	45 780,894	1 215 273,898	26,545	26,082
27	6	98 677	44 423,117	1 169 493,004	26,326	25,863
28	7	98 622	43 105,508	1 125 069,887	26,100	25,637
29	8	98 570	41 827,773	1 081 964,379	25,867	25,404
30	9	98 512	40 585,476	1 040 136,606	25,628	25,165
31	10	98 450	39 378,845	999 551,129	25,383	24,920
32	11	98 384	38 206,108	960 172,284	25,131	24,668
33	12	98 314	37 066,925	921 966,177	24,873	24,410
34	13	98 234	35 958,150	884 899,252	24,609	24,146
35	14	98 149	34 880,674	848 941,102	24,338	23,875
36	15	98 062	33 834,444	814 060,428	24,060	23,597
37	16	97 965	32 816,749	780 225,984	23,775	23,312
38	17	97 855	31 825,016	747 409,236	23,485	23,022
39	18	97 737	30 860,882	715 584,220	23,187	22,724
40	19	97 609	29 922,748	684 723,338	22,883	22,420
41	20	97 471	29 010,182	654 800,590	22,571	22,108
42	21	97 323	28 122,458	625 790,408	22,252	21,789
43	22	97 167	27 259,524	597 667,950	21,925	21,462
44	23	97 002	26 420,505	570 408,425	21,590	21,126
45	24	96 810	25 600,248	543 987,920	21,249	20,786
46	25	96 603	24 801,463	518 387,672	20,901	20,438
47	26	96 374	24 022,048	493 586,209	20,547	20,084
48	27	96 128	23 262,772	469 564,161	20,185	19,722
49	28	95 852	22 520,394	446 301,389	19,818	19,354
50	29	95 544	21 794,358	423 780,995	19,445	18,981
51	30	95 202	21 083,775	401 986,637	19,066	18,603
52	31	94 820	20 387,438	380 902,862	18,683	18,220
53	32	94 397	19 705,480	360 515,424	18,295	17,832
54	33	93 922	19 035,141	340 809,944	17,904	17,441
55	34	93 389	18 375,848	321 774,803	17,511	17,048
56	35	92 799	17 727,944	303 398,955	17,114	16,651
57	36	92 150	17 091,171	285 671,011	16,715	16,251
58	37	91 432	16 464,149	268 579,840	16,313	15,850
59	38	90 643	15 846,708	252 115,691	15,910	15,446
60	39	89 779	15 238,456	236 268,983	15,505	15,042
61	40	88 843	14 640,362	221 030,527	15,097	14,634
62	41	87 821	14 050,487	206 390,165	14,689	14,226
63	42	86 708	13 468,379	192 339,678	14,281	13,818
64	43	85 515	12 896,148	178 871,299	13,870	13,407
65	44	84 220	12 330,876	165 975,151	13,460	12,997
66	45	82 840	11 775,667	153 644,275	13,048	12,584
67	46	81 371	11 229,881	141 868,608	12,633	12,170
68	47	79 809	10 693,552	130 638,727	12,217	11,753
69	48	78 171	10 169,006	119 945,175	11,795	11,332
70	49	76 400	9 649,105	109 776,169	11,377	10,914
71	50	74 565	9 143,119	100 127,063	10,951	10,488
72	51	72 593	8 642,050	90 983,944	10,528	10,065
73	52	70 541	8 153,141	82 341,895	10,099	9,636
74	53	68 353	7 670,189	74 188,754	9,672	9,209
75	54	66 059	7 196,774	66 518,565	9,243	8,780
76	55	63 653	6 732,733	59 321,792	8,811	8,348
77	56	61 088	6 273,223	52 589,058	8,383	7,920
78	57	58 393	5 821,751	46 315,835	7,956	7,492
79	58	55 519	5 374,013	40 494,084	7,535	7,072
80	59	52 488	4 932,626	35 120,071	7,120	6,657
81	60	49 293	4 497,484	30 187,445	6,712	6,249
82	61	45 869	4 063,162	25 689,961	6,323	5,859
83	62	42 294	3 637,406	21 626,798	5,946	5,482
84	63	38 610	3 223,876	17 989,393	5,580	5,117
85	64	34 822	2 822,858	14 765,517	5,231	4,767
86	65	30 944	2 435,411	11 942,659	4,904	4,441
87	66	27 084	2 069,532	9 507,248	4,594	4,131
88	67	23 300	1 728,544	7 437,716	4,303	3,840
89	68	19 647	1 415,097	5 709,172	4,034	3,571
90	69	16 231	1 135,031	4 294,075	3,783	3,320
91	70	13 131	891,474	3 159,044	3,544	3,080
92	71	10 384	684,471	2 267,570	3,313	2,850
93	72	7 934	507,710	1 583,100	3,118	2,655
94	73	5 914	367,411	1 075,389	2,927	2,464
95	74	4 246	256,118	707,978	2,764	2,301
96	75	2 960	173,367	451,859	2,606	2,143
97	76	1 967	111,863	278,493	2,490	2,026
98	77	1 277	70,496	166,630	2,364	1,900
99	78	797	42,704	96,134	2,251	1,788
100	79	478	24,846	53,430	2,150	1,687

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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22	0	99 261	51 803,583	1 413 711,491	27,290	26,827
23	1	98 918	50 120,840	1 361 907,907	27,172	26,709
24	2	98 853	48 629,021	1 311 787,068	26,975	26,512
25	3	98 794	47 184,360	1 263 158,047	26,771	26,307
26	4	98 740	45 785,275	1 215 973,687	26,558	26,095
27	5	98 685	44 427,075	1 170 188,412	26,340	25,876
28	6	98 631	43 109,321	1 125 761,337	26,114	25,651
29	7	98 574	41 829,716	1 082 652,016	25,882	25,419
30	8	98 518	40 588,305	1 040 822,300	25,643	25,180
31	9	98 456	39 381,254	1 000 233,995	25,399	24,936
32	10	98 390	38 208,343	960 852,741	25,148	24,684
33	11	98 322	37 069,791	922 644,398	24,889	24,426
34	12	98 242	35 960,974	885 574,607	24,626	24,163
35	13	98 159	34 883,960	849 613,633	24,355	23,892
36	14	98 071	33 837,564	814 729,673	24,078	23,614
37	15	97 977	32 820,742	780 892,109	23,793	23,329
38	16	97 869	31 829,703	748 071,367	23,502	23,039
39	17	97 751	30 865,084	716 241,664	23,206	22,742
40	18	97 628	29 928,644	685 376,580	22,900	22,437
41	19	97 488	29 015,254	655 447,935	22,590	22,127
42	20	97 341	28 127,659	626 432,682	22,271	21,808
43	21	97 183	27 264,020	598 305,023	21,945	21,482
44	22	97 017	26 424,807	571 041,003	21,610	21,147
45	23	96 827	25 604,856	544 616,196	21,270	20,807
46	24	96 620	24 805,927	519 011,340	20,923	20,460
47	25	96 392	24 026,618	494 205,413	20,569	20,106
48	26	96 146	23 267,151	470 178,795	20,208	19,745
49	27	95 872	22 525,241	446 911,644	19,840	19,377
50	28	95 567	21 799,495	424 386,403	19,468	19,004
51	29	95 227	21 089,232	402 586,908	19,090	18,626
52	30	94 850	20 393,906	381 497,676	18,706	18,243
53	31	94 427	19 711,669	361 103,770	18,319	17,856
54	32	93 954	19 041,666	341 392,101	17,929	17,465
55	33	93 422	18 382,471	322 350,435	17,536	17,073
56	34	92 837	17 735,145	303 967,964	17,139	16,676
57	35	92 188	17 098,217	286 232,819	16,741	16,277
58	36	91 474	16 471,702	269 134,602	16,339	15,876
59	37	90 686	15 854,233	252 662,900	15,937	15,473
60	38	89 833	15 247,654	236 808,667	15,531	15,068
61	39	88 896	14 649,168	221 561,013	15,124	14,661
62	40	87 881	14 060,128	206 911,845	14,716	14,253
63	41	86 772	13 478,356	192 851,717	14,308	13,845
64	42	85 583	12 906,392	179 373,360	13,898	13,435
65	43	84 296	12 342,084	166 466,968	13,488	13,025
66	44	82 921	11 787,107	154 124,884	13,076	12,612
67	45	81 465	11 242,835	142 337,777	12,660	12,197
68	46	79 907	10 706,588	131 094,942	12,244	11,781
69	47	78 279	10 182,960	120 388,354	11,823	11,359
70	48	76 522	9 664,511	110 205,394	11,403	10,940
71	49	74 696	9 159,130	100 540,883	10,977	10,514
72	50	72 728	8 658,095	91 381,753	10,554	10,091
73	51	70 693	8 170,648	82 723,658	10,124	9,661
74	52	68 513	7 688,125	74 553,010	9,697	9,234
75	53	66 229	7 215,300	66 864,886	9,267	8,804
76	54	63 838	6 752,239	59 649,585	8,834	8,371
77	55	61 287	6 293,649	52 897,347	8,405	7,942
78	56	58 602	5 842,650	46 603,698	7,976	7,513
79	57	55 737	5 395,184	40 761,047	7,555	7,092
80	58	52 717	4 954,174	35 365,864	7,139	6,675
81	59	49 526	4 518,751	30 411,689	6,730	6,267
82	60	46 112	4 084,713	25 892,938	6,339	5,876
83	61	42 536	3 658,206	21 808,225	5,961	5,498
84	62	38 849	3 243,774	18 150,020	5,595	5,132
85	63	35 059	2 842,038	14 906,245	5,245	4,782
86	64	31 177	2 453,747	12 064,207	4,917	4,453
87	65	27 301	2 086,159	9 610,459	4,607	4,144
88	66	23 506	1 743,823	7 524,300	4,315	3,852
89	67	19 835	1 428,644	5 780,476	4,046	3,583
90	68	16 403	1 147,036	4 351,833	3,794	3,331
91	69	13 284	901,895	3 204,797	3,553	3,090
92	70	10 517	693,204	2 302,902	3,322	2,859
93	71	8 044	514,764	1 609,698	3,127	2,664
94	72	6 003	372,936	1 094,935	2,936	2,473
95	73	4 317	260,393	721,999	2,773	2,310
96	74	3 014	176,516	461,605	2,615	2,152
97	75	2 006	114,056	285,089	2,500	2,036
98	76	1 305	72,050	171,033	2,374	1,911
99	77	816	43,745	98,983	2,263	1,800
100	78	491	25,548	55,239	2,162	1,699

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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23	0	99 216	50 271,924	1 362 720,872	27,107	26,644
24	1	98 877	48 641,081	1 312 448,948	26,982	26,519
25	2	98 806	47 190,222	1 263 807,867	26,781	26,318
26	3	98 750	45 789,997	1 216 617,645	26,570	26,106
27	4	98 695	44 431,326	1 170 827,648	26,351	25,888
28	5	98 640	43 113,162	1 126 396,322	26,127	25,663
29	6	98 583	41 833,417	1 083 283,160	25,895	25,432
30	7	98 523	40 590,190	1 041 449,743	25,658	25,194
31	8	98 463	39 383,999	1 000 859,553	25,413	24,950
32	9	98 396	38 210,680	961 475,554	25,162	24,699
33	10	98 327	37 071,960	923 264,874	24,905	24,441
34	11	98 250	35 963,755	886 192,915	24,641	24,178
35	12	98 166	34 886,700	850 229,159	24,371	23,908
36	13	98 080	33 840,752	815 342,460	24,094	23,630
37	14	97 986	32 823,768	781 501,708	23,809	23,346
38	15	97 881	31 833,576	748 677,939	23,518	23,055
39	16	97 765	30 869,630	716 844,363	23,222	22,758
40	17	97 642	29 932,720	685 974,733	22,917	22,454
41	18	97 508	29 020,971	656 042,013	22,606	22,143
42	19	97 358	28 132,576	627 021,042	22,288	21,825
43	20	97 201	27 269,062	598 888,466	21,962	21,499
44	21	97 033	26 429,166	571 619,405	21,628	21,165
45	22	96 843	25 609,025	545 190,239	21,289	20,826
46	23	96 638	24 810,392	519 581,214	20,942	20,479
47	24	96 410	24 030,942	494 770,822	20,589	20,126
48	25	96 164	23 271,578	470 739,880	20,228	19,765
49	26	95 890	22 529,481	447 468,302	19,861	19,398
50	27	95 588	21 804,187	424 938,821	19,489	19,026
51	28	95 249	21 094,203	403 134,634	19,111	18,648
52	29	94 874	20 399,184	382 040,432	18,728	18,265
53	30	94 457	19 717,923	361 641,247	18,341	17,878
54	31	93 983	19 047,647	341 923,325	17,951	17,488
55	32	93 454	18 388,772	322 875,678	17,558	17,095
56	33	92 870	17 741,538	304 486,906	17,162	16,699
57	34	92 225	17 105,162	286 745,368	16,764	16,300
58	35	91 512	16 478,493	269 640,206	16,363	15,900
59	36	90 728	15 861,506	253 161,714	15,961	15,498
60	37	89 876	15 254,895	237 300,208	15,556	15,092
61	38	88 950	14 658,010	222 045,313	15,148	14,685
62	39	87 934	14 068,585	207 387,302	14,741	14,278
63	40	86 832	13 487,605	193 318,717	14,333	13,870
64	41	85 646	12 915,954	179 831,112	13,923	13,460
65	42	84 363	12 351,888	166 915,159	13,513	13,050
66	43	82 996	11 797,820	154 563,270	13,101	12,638
67	44	81 544	11 253,758	142 765,450	12,686	12,223
68	45	79 999	10 718,938	131 511,692	12,269	11,806
69	46	78 374	10 195,373	120 792,754	11,848	11,385
70	47	76 627	9 677,773	110 597,381	11,428	10,965
71	48	74 815	9 173,753	100 919,608	11,001	10,538
72	49	72 856	8 673,257	91 745,855	10,578	10,115
73	50	70 824	8 185,818	83 072,599	10,148	9,685
74	51	68 660	7 704,633	74 886,781	9,720	9,256
75	52	66 384	7 232,173	67 182,148	9,289	8,826
76	53	64 002	6 769,621	59 949,975	8,856	8,393
77	54	61 465	6 311,882	53 180,354	8,425	7,962
78	55	58 793	5 861,674	46 868,472	7,996	7,533
79	56	55 938	5 414,552	41 006,798	7,573	7,110
80	57	52 925	4 973,692	35 592,246	7,156	6,693
81	58	49 742	4 538,491	30 618,555	6,746	6,283
82	59	46 330	4 104,028	26 080,064	6,355	5,892
83	60	42 762	3 677,609	21 976,036	5,976	5,512
84	61	39 071	3 262,324	18 298,427	5,609	5,146
85	62	35 275	2 859,580	15 036,104	5,258	4,795
86	63	31 389	2 470,420	12 176,523	4,929	4,466
87	64	27 507	2 101,866	9 706,103	4,618	4,155
88	65	23 695	1 757,834	7 604,237	4,326	3,863
89	66	20 011	1 441,272	5 846,403	4,056	3,593
90	67	16 560	1 158,016	4 405,131	3,804	3,341
91	68	13 425	911,433	3 247,114	3,563	3,099
92	69	10 640	701,308	2 335,681	3,330	2,867
93	70	8 147	521,332	1 634,374	3,135	2,672
94	71	6 086	378,117	1 113,042	2,944	2,480
95	72	4 382	264,308	734,925	2,781	2,317
96	73	3 064	179,462	470,616	2,622	2,159
97	74	2 042	116,128	291,154	2,507	2,044
98	75	1 331	73,463	175,026	2,383	1,919
99	76	834	44,709	101,563	2,272	1,808
100	77	503	26,170	56,854	2,172	1,709

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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24	0	99 175	48 787,705	1 313 201,247	26,917	26,453
25	1	98 830	47 201,925	1 264 413,542	26,787	26,324
26	2	98 763	45 795,686	1 217 211,617	26,579	26,116
27	3	98 705	44 435,909	1 171 415,931	26,362	25,899
28	4	98 649	43 117,288	1 126 980,022	26,138	25,674
29	5	98 592	41 837,144	1 083 862,735	25,907	25,443
30	6	98 532	40 593,781	1 042 025,591	25,670	25,206
31	7	98 468	39 385,828	1 001 431,810	25,426	24,963
32	8	98 403	38 213,343	962 045,981	25,176	24,712
33	9	98 333	37 074,227	923 832,638	24,918	24,455
34	10	98 255	35 965,859	886 758,411	24,656	24,192
35	11	98 174	34 889,398	850 792,552	24,385	23,922
36	12	98 088	33 843,410	815 903,154	24,108	23,645
37	13	97 996	32 826,861	782 059,745	23,824	23,361
38	14	97 890	31 836,511	749 232,884	23,534	23,071
39	15	97 777	30 873,386	717 396,372	23,237	22,774
40	16	97 656	29 937,128	686 522,986	22,932	22,469
41	17	97 521	29 024,923	656 585,858	22,621	22,158
42	18	97 377	28 138,120	627 560,934	22,303	21,840
43	19	97 218	27 273,829	599 422,815	21,978	21,515
44	20	97 051	26 434,053	572 148,986	21,644	21,181
45	21	96 859	25 613,249	545 714,933	21,306	20,843
46	22	96 653	24 814,432	520 101,685	20,960	20,496
47	23	96 427	24 035,268	495 287,253	20,607	20,143
48	24	96 181	23 275,766	471 251,985	20,246	19,783
49	25	95 909	22 533,767	447 976,219	19,880	19,417
50	26	95 605	21 808,291	425 442,452	19,508	19,045
51	27	95 270	21 098,743	403 634,161	19,131	18,667
52	28	94 897	20 403,993	382 535,418	18,748	18,285
53	29	94 481	19 723,026	362 131,425	18,361	17,898
54	30	94 013	19 053,689	342 408,399	17,971	17,507
55	31	93 484	18 394,548	323 354,710	17,579	17,116
56	32	92 902	17 747,618	304 960,162	17,183	16,720
57	33	92 258	17 111,328	287 212,544	16,785	16,322
58	34	91 549	16 485,186	270 101,216	16,384	15,921
59	35	90 765	15 868,046	253 616,030	15,983	15,520
60	36	89 917	15 261,893	237 747,985	15,578	15,115
61	37	88 992	14 664,971	222 486,092	15,171	14,708
62	38	87 987	14 077,077	207 821,121	14,763	14,300
63	39	86 884	13 495,718	193 744,043	14,356	13,893
64	40	85 705	12 924,816	180 248,326	13,946	13,483
65	41	84 426	12 361,039	167 323,510	13,536	13,073
66	42	83 062	11 807,193	154 962,471	13,124	12,661
67	43	81 618	11 263,986	143 155,279	12,709	12,246
68	44	80 076	10 729,352	131 891,292	12,293	11,829
69	45	78 464	10 207,134	121 161,940	11,870	11,407
70	46	76 720	9 689,570	110 954,806	11,451	10,988
71	47	74 918	9 186,341	101 265,236	11,023	10,560
72	48	72 972	8 687,104	92 078,895	10,599	10,136
73	49	70 948	8 200,152	83 391,791	10,170	9,706
74	50	68 788	7 718,938	75 191,639	9,741	9,278
75	51	66 526	7 247,702	67 472,701	9,310	8,846
76	52	64 152	6 785,451	60 224,998	8,876	8,412
77	53	61 623	6 328,131	53 439,548	8,445	7,982
78	54	58 963	5 878,656	47 111,417	8,014	7,551
79	55	56 120	5 432,181	41 232,761	7,590	7,127
80	56	53 114	4 991,546	35 800,580	7,172	6,709
81	57	49 938	4 556,371	30 809,034	6,762	6,299
82	58	46 532	4 121,956	26 252,663	6,369	5,906
83	59	42 964	3 694,999	22 130,707	5,989	5,526
84	60	39 278	3 279,627	18 435,708	5,621	5,158
85	61	35 477	2 875,932	15 156,081	5,270	4,807
86	62	31 582	2 485,668	12 280,149	4,940	4,477
87	63	27 694	2 116,148	9 794,481	4,628	4,165
88	64	23 873	1 771,069	7 678,333	4,335	3,872
89	65	20 171	1 452,852	5 907,264	4,066	3,603
90	66	16 707	1 168,253	4 454,412	3,813	3,350
91	67	13 553	920,158	3 286,159	3,571	3,108
92	68	10 752	708,725	2 366,001	3,338	2,875
93	69	8 242	527,426	1 657,276	3,142	2,679
94	70	6 164	382,941	1 129,850	2,950	2,487
95	71	4 443	267,980	746,909	2,787	2,324
96	72	3 110	182,161	478,928	2,629	2,166
97	73	2 077	118,066	296,768	2,514	2,050
98	74	1 355	74,797	178,701	2,389	1,926
99	75	851	45,586	103,904	2,279	1,816
100	76	514	26,747	58,318	2,180	1,717

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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24						
25	0	99 128	47 344,211	1 265 109,946	26,722	26,258
26	1	98 787	45 807,044	1 217 765,735	26,585	26,121
27	2	98 717	44 441,429	1 171 958,691	26,371	25,908
28	3	98 659	43 121,735	1 127 517,262	26,147	25,684
29	4	98 601	41 841,148	1 084 395,527	25,917	25,454
30	5	98 541	40 597,398	1 042 554,380	25,680	25,217
31	6	98 476	39 389,313	1 001 956,982	25,437	24,974
32	7	98 407	38 215,118	962 567,669	25,188	24,725
33	8	98 340	37 076,811	924 352,551	24,931	24,468
34	9	98 261	35 968,059	887 275,740	24,668	24,205
35	10	98 180	34 891,439	851 307,681	24,399	23,936
36	11	98 095	33 846,027	816 416,242	24,121	23,658
37	12	98 003	32 829,439	782 570,215	23,837	23,374
38	13	97 900	31 839,511	749 740,776	23,547	23,084
39	14	97 786	30 876,233	717 901,265	23,251	22,788
40	15	97 668	29 940,771	687 025,032	22,946	22,483
41	16	97 535	29 029,198	657 084,261	22,635	22,172
42	17	97 391	28 141,952	628 055,063	22,317	21,854
43	18	97 237	27 279,203	599 913,112	21,992	21,528
44	19	97 068	26 438,674	572 633,908	21,659	21,196
45	20	96 877	25 617,985	546 195,234	21,321	20,858
46	21	96 669	24 818,524	520 577,250	20,975	20,512
47	22	96 443	24 039,182	495 758,725	20,623	20,160
48	23	96 199	23 279,956	471 719,544	20,263	19,800
49	24	95 926	22 537,823	448 439,588	19,897	19,434
50	25	95 624	21 812,440	425 901,766	19,526	19,062
51	26	95 288	21 102,714	404 089,325	19,149	18,685
52	27	94 917	20 408,384	382 986,611	18,766	18,303
53	28	94 504	19 727,675	362 578,227	18,379	17,916
54	29	94 038	19 058,621	342 850,552	17,989	17,526
55	30	93 513	18 400,383	323 791,931	17,597	17,134
56	31	92 931	17 753,193	305 391,548	17,202	16,739
57	32	92 290	17 117,193	287 638,355	16,804	16,341
58	33	91 582	16 491,128	270 521,162	16,404	15,941
59	34	90 802	15 874,490	254 030,034	16,002	15,539
60	35	89 954	15 268,185	238 155,544	15,598	15,135
61	36	89 033	14 671,698	222 887,359	15,192	14,728
62	37	88 029	14 083,763	208 215,660	14,784	14,321
63	38	86 937	13 503,864	194 131,898	14,376	13,913
64	39	85 757	12 932,591	180 628,034	13,967	13,504
65	40	84 484	12 369,520	167 695,444	13,557	13,094
66	41	83 124	11 815,939	155 325,923	13,145	12,682
67	42	81 683	11 272,934	143 509,984	12,730	12,267
68	43	80 149	10 739,104	132 237,050	12,314	11,850
69	44	78 541	10 217,050	121 497,946	11,892	11,428
70	45	76 809	9 700,747	111 280,895	11,471	11,008
71	46	75 009	9 197,539	101 580,148	11,044	10,581
72	47	73 072	8 699,024	92 382,609	10,620	10,157
73	48	71 061	8 213,244	83 683,584	10,189	9,726
74	49	68 908	7 732,455	75 470,340	9,760	9,297
75	50	66 650	7 261,159	67 737,885	9,329	8,866
76	51	64 289	6 800,021	60 476,726	8,894	8,430
77	52	61 767	6 342,929	53 676,705	8,462	7,999
78	53	59 115	5 893,789	47 333,776	8,031	7,568
79	54	56 282	5 447,919	41 439,987	7,607	7,143
80	55	53 287	5 007,799	35 992,068	7,187	6,724
81	56	50 118	4 572,727	30 984,270	6,776	6,313
82	57	46 716	4 138,195	26 411,543	6,382	5,919
83	58	43 152	3 711,140	22 273,347	6,002	5,539
84	59	39 464	3 295,135	18 562,208	5,633	5,170
85	60	35 665	2 891,186	15 267,073	5,281	4,817
86	61	31 763	2 499,882	12 375,886	4,951	4,487
87	62	27 865	2 129,209	9 876,004	4,638	4,175
88	63	24 035	1 783,103	7 746,795	4,345	3,881
89	64	20 323	1 463,791	5 963,692	4,074	3,611
90	65	16 841	1 177,639	4 499,902	3,821	3,358
91	66	13 673	928,292	3 322,263	3,579	3,116
92	67	10 855	715,509	2 393,970	3,346	2,883
93	68	8 329	533,004	1 678,461	3,149	2,686
94	69	6 236	387,418	1 145,457	2,957	2,493
95	70	4 499	271,400	758,039	2,793	2,330
96	71	3 154	184,691	486,639	2,635	2,172
97	72	2 108	119,842	301,948	2,520	2,056
98	73	1 378	76,046	182,106	2,395	1,931
99	74	866	46,414	106,061	2,285	1,822
100	75	524	27,272	59,647	2,187	1,724

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	2 830 910,596	28,309	27,845
1	1	99 344	96 217,249	2 730 910,596	28,383	27,919
2	2	99 292	93 139,762	2 634 693,346	28,288	27,824
3	3	99 264	90 182,715	2 541 553,585	28,182	27,719
4	4	99 243	87 325,512	2 451 370,870	28,072	27,608
5	5	99 223	84 559,665	2 364 045,358	27,957	27,494
6	6	99 204	81 882,458	2 279 485,693	27,839	27,375
7	7	99 187	79 290,820	2 197 603,235	27,716	27,252
8	8	99 174	76 784,801	2 118 312,415	27,588	27,124
9	9	99 158	74 356,305	2 041 527,614	27,456	26,992
10	10	99 144	72 005,624	1 967 171,309	27,320	26,856
11	11	99 130	69 729,499	1 895 165,685	27,179	26,715
12	12	99 115	67 524,175	1 825 436,186	27,034	26,570
13	13	99 101	65 389,079	1 757 912,012	26,884	26,420
14	14	99 082	63 318,789	1 692 522,933	26,730	26,267
15	15	99 059	61 311,730	1 629 204,144	26,572	26,109
16	16	99 031	59 365,104	1 567 892,414	26,411	25,947
17	17	98 992	57 473,776	1 508 527,310	26,247	25,784
18	18	98 951	55 641,803	1 451 053,534	26,078	25,615
19	19	98 894	53 859,103	1 395 411,732	25,909	25,445
20	20	98 837	52 133,922	1 341 552,629	25,733	25,269
21	21	98 777	50 461,767	1 289 418,707	25,552	25,089
22	22	98 720	48 845,520	1 238 956,940	25,365	24,901
23	23	98 659	47 278,849	1 190 111,420	25,172	24,709
24	24	98 601	45 763,663	1 142 832,571	24,972	24,509
25	25	98 537	44 294,141	1 097 068,908	24,768	24,304
26	26	98 475	42 872,951	1 052 774,767	24,556	24,092
27	27	98 411	41 496,574	1 009 901,817	24,337	23,873
28	28	98 344	40 163,181	968 405,242	24,112	23,648
29	29	98 274	38 870,943	928 242,061	23,880	23,416
30	30	98 197	37 618,027	889 371,118	23,642	23,179
31	31	98 111	36 401,923	851 753,092	23,399	22,935
32	32	98 019	35 223,322	815 351,169	23,148	22,684
33	33	97 924	34 081,288	780 127,847	22,890	22,427
34	34	97 817	32 972,474	746 046,559	22,626	22,163
35	35	97 702	31 897,070	713 074,084	22,355	21,892
36	36	97 583	30 855,540	681 177,015	22,076	21,613
37	37	97 455	29 844,925	650 321,475	21,790	21,326
38	38	97 313	28 863,467	620 476,550	21,497	21,033
39	39	97 150	27 908,239	591 613,082	21,199	20,735
40	40	96 984	26 983,431	563 704,843	20,891	20,427
41	41	96 797	26 083,828	536 721,413	20,577	20,113
42	42	96 597	25 210,416	510 637,585	20,255	19,791
43	43	96 381	24 362,336	485 427,169	19,925	19,462
44	44	96 145	23 537,758	461 064,833	19,588	19,125
45	45	95 879	22 733,785	437 527,074	19,246	18,782
46	46	95 581	21 949,747	414 793,289	18,897	18,434
47	47	95 257	21 186,682	392 843,542	18,542	18,078
48	48	94 901	20 443,148	371 656,861	18,180	17,716
49	49	94 498	19 715,603	351 213,713	17,814	17,350
50	50	94 053	19 004,998	331 498,110	17,443	16,979
51	51	93 566	18 311,592	312 493,112	17,065	16,602
52	52	93 020	17 631,682	294 181,520	16,685	16,221
53	53	92 419	16 966,305	276 549,838	16,300	15,836
54	54	91 749	16 313,074	259 583,533	15,913	15,449
55	55	90 997	15 670,195	243 270,459	15,524	15,061
56	56	90 166	15 038,245	227 600,264	15,135	14,671
57	57	89 251	14 417,187	212 562,019	14,744	14,280
58	58	88 249	13 806,601	198 144,832	14,351	13,888
59	59	87 149	13 205,256	184 338,232	13,959	13,496
60	60	85 963	12 615,638	171 132,975	13,565	13,102
61	61	84 669	12 034,581	158 517,338	13,172	12,708
62	62	83 277	11 464,080	146 482,757	12,778	12,314
63	63	81 777	10 903,341	135 018,676	12,383	11,920
64	64	80 171	10 352,741	124 115,336	11,989	11,525
65	65	78 438	9 810,101	113 762,595	11,596	11,133
66	66	76 613	9 280,226	103 952,494	11,202	10,738
67	67	74 681	8 761,408	94 672,269	10,806	10,342
68	68	72 641	8 253,902	85 910,860	10,409	9,945
69	69	70 502	7 758,707	77 656,959	10,009	9,545
70	70	68 217	7 270,940	69 898,251	9,613	9,150
71	71	65 856	6 798,272	62 627,311	9,212	8,749
72	72	63 353	6 334,057	55 829,039	8,814	8,350
73	73	60 780	5 885,553	49 494,982	8,410	7,946
74	74	58 064	5 445,544	43 609,429	8,008	7,545
75	75	55 255	5 019,006	38 163,884	7,604	7,140
76	76	52 370	4 607,245	33 144,879	7,194	6,730
77	77	49 336	4 203,695	28 537,634	6,789	6,325
78	78	46 202	3 812,746	24 333,939	6,382	5,919
79	79	42 891	3 428,076	20 521,193	5,986	5,523
80	80	39 447	3 053,572	17 093,118	5,598	5,134
81	81	35 864	2 688,838	14 039,546	5,221	4,758
82	82	32 118	2 332,188	11 350,708	4,867	4,403
83	83	28 314	1 991,233	9 018,520	4,529	4,065
84	84	24 532	1 670,986	7 027,286	4,205	3,742
85	85	20 824	1 373,749	5 356,301	3,899	3,435
86	86	17 225	1 100,548	3 982,552	3,619	3,155
87	87	13 872	858,453	2 882,004	3,357	2,894
88	88	10 836	649,475	2 023,552	3,116	2,652
89	89	8 172	474,338	1 374,076	2,897	2,433
90	90	5 939	333,876	899,738	2,695	2,231
91	91	4 144	225,625	565,862	2,508	2,044
92	92	2 762	145,681	340,236	2,335	1,872
93	93	1 739	88,802	194,556	2,191	1,727
94	94	1 041	51,473	105,754	2,055	1,591
95	95	585	28,016	54,281	1,938	1,474
96	96	310	14,393	26,265	1,825	1,361
97	97	150	6,748	11,872	1,759	1,296
98	98	70	3,039	5,125	1,686	1,223
99	99	31	1,292	2,085	1,614	1,150
100	100	13	0,511	0,793	1,551	1,087

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 699	99 699,466	2 826 591,318	28,351	27,887	50	51	93 878	18 969,778	328 108,254	17,296	16,833
1	2	99 320	96 193,393	2 726 891,852	28,348	27,884	51	52	93 366	18 272,356	309 138,476	16,918	16,455
2	3	99 280	93 128,191	2 630 698,459	28,248	27,785	52	53	92 803	17 590,548	290 866,120	16,535	16,072
3	4	99 254	90 173,414	2 537 570,267	28,141	27,677	53	54	92 182	16 922,742	273 275,572	16,148	15,685
4	5	99 234	87 317,156	2 447 396,853	28,029	27,565	54	55	91 483	16 265,950	256 352,831	15,760	15,296
5	6	99 214	84 552,132	2 360 079,697	27,913	27,449	55	56	90 702	15 619,338	240 086,880	15,371	14,908
6	7	99 196	81 875,215	2 275 527,565	27,793	27,329	56	57	89 843	14 984,453	224 467,542	14,980	14,516
7	8	99 182	79 287,137	2 193 652,350	27,667	27,204	57	58	88 901	14 360,612	209 483,089	14,587	14,124
8	9	99 167	76 779,450	2 114 365,213	27,538	27,075	58	59	87 865	13 746,550	195 122,477	14,194	13,731
9	10	99 152	74 351,756	2 037 585,763	27,405	26,941	59	60	86 738	13 143,108	181 375,927	13,800	13,336
10	11	99 138	72 001,412	1 963 234,007	27,267	26,803	60	61	85 510	12 549,078	168 232,819	13,406	12,942
11	12	99 123	69 724,107	1 891 232,594	27,125	26,661	61	62	84 188	11 966,154	155 683,741	13,010	12,547
12	13	99 107	67 518,872	1 821 508,488	26,978	26,514	62	63	82 766	11 393,755	143 717,587	12,614	12,150
13	14	99 091	65 382,919	1 753 989,615	26,826	26,363	63	64	81 226	10 829,755	132 323,833	12,219	11,755
14	15	99 073	63 312,950	1 688 606,697	26,671	26,207	64	65	79 572	10 275,378	121 494,078	11,824	11,360
15	16	99 047	61 304,270	1 625 293,746	26,512	26,048	65	66	77 813	9 731,910	111 218,700	11,428	10,965
16	17	99 017	59 356,363	1 563 989,476	26,349	25,886	66	67	75 942	9 198,911	101 486,790	11,032	10,569
17	18	98 979	57 465,950	1 504 633,114	26,183	25,719	67	68	73 972	8 678,331	92 287,879	10,634	10,171
18	19	98 932	55 630,840	1 447 167,164	26,014	25,550	68	69	71 881	8 167,519	83 609,548	10,237	9,773
19	20	98 877	53 849,689	1 391 536,324	25,841	25,377	69	70	69 688	7 669,058	75 442,029	9,837	9,374
20	21	98 819	52 124,284	1 337 686,635	25,663	25,200	70	71	67 358	7 179,335	67 772,970	9,440	8,976
21	22	98 760	50 453,446	1 285 562,351	25,480	25,017	71	72	64 953	6 705,124	60 593,635	9,037	8,573
22	23	98 704	48 837,568	1 235 108,905	25,290	24,827	72	73	62 414	6 240,227	53 888,511	8,636	8,172
23	24	98 642	47 270,341	1 186 271,338	25,095	24,632	73	74	59 782	5 788,935	47 648,284	8,231	7,767
24	25	98 583	45 755,428	1 139 000,997	24,893	24,430	74	75	57 028	5 348,379	41 859,349	7,827	7,363
25	26	98 518	44 285,715	1 093 245,569	24,686	24,223	75	76	54 192	4 922,483	36 510,971	7,417	6,954
26	27	98 456	42 864,882	1 048 959,854	24,471	24,008	76	77	51 241	4 507,886	31 588,488	7,007	6,544
27	28	98 390	41 487,645	1 006 094,972	24,250	23,787	77	78	48 162	4 103,661	27 080,602	6,599	6,136
28	29	98 321	40 153,717	964 607,327	24,023	23,559	78	79	44 934	3 708,093	22 976,940	6,196	5,733
29	30	98 248	38 860,884	924 453,610	23,789	23,325	79	80	41 544	3 320,385	19 268,847	5,803	5,340
30	31	98 166	37 606,097	885 592,725	23,549	23,086	80	81	38 009	2 942,234	15 948,462	5,421	4,957
31	32	98 080	36 390,492	847 986,629	23,302	22,839	81	82	34 334	2 574,095	13 006,228	5,053	4,589
32	33	97 986	35 211,254	811 596,136	23,049	22,586	82	83	30 532	2 217,027	10 432,134	4,705	4,242
33	34	97 888	34 069,007	776 384,882	22,789	22,325	83	84	26 708	1 878,307	8 215,107	4,374	3,910
34	35	97 777	32 959,088	742 315,875	22,522	22,059	84	85	22 934	1 562,099	6 336,799	4,057	3,593
35	36	97 662	31 883,924	709 356,787	22,248	21,784	85	86	19 239	1 269,173	4 774,700	3,762	3,298
36	37	97 539	30 841,393	677 472,864	21,966	21,503	86	87	15 723	1 004,602	3 505,527	3,489	3,026
37	38	97 408	29 830,759	646 631,471	21,677	21,213	87	88	12 486	772,654	2 500,925	3,237	2,773
38	39	97 254	28 846,055	616 800,712	21,382	20,919	88	89	9 599	575,304	1 728,271	3,004	2,540
39	40	97 092	27 891,462	587 954,657	21,080	20,616	89	90	7 113	412,903	1 152,967	2,792	2,329
40	41	96 917	26 964,928	560 063,194	20,770	20,306	90	91	5 063	284,638	740,064	2,600	2,136
41	42	96 726	26 064,519	533 098,266	20,453	19,989	91	92	3 449	187,803	455,427	2,425	1,961
42	43	96 520	25 190,405	507 033,747	20,128	19,664	92	93	2 244	118,365	267,624	2,261	1,797
43	44	96 293	24 340,213	481 843,342	19,796	19,333	93	94	1 375	70,245	149,259	2,125	1,661
44	45	96 052	23 514,913	457 503,129	19,456	18,992	94	95	801	39,626	79,014	1,994	1,530
45	46	95 769	22 707,591	433 988,216	19,112	18,648	95	96	437	20,934	39,388	1,882	1,418
46	47	95 465	21 923,022	411 280,625	18,760	18,297	96	97	222	10,281	18,454	1,795	1,331
47	48	95 126	21 157,649	389 357,603	18,403	17,939	97	98	105	4,730	8,173	1,728	1,264
48	49	94 750	20 410,560	368 199,953	18,040	17,576	98	99	48	2,088	3,443	1,649	1,186
49	50	94 333	19 681,138	347 789,393	17,671	17,208	99	100	20	0,857	1,355	1,582	1,118

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 675	99 674,746	2 822 254,790	28,315	27,851	50	52	93 677	18 929,132	324 458,273	17,141	16,677
1	3	99 307	96 181,443	2 722 580,044	28,307	27,843	51	53	93 148	18 229,727	305 529,141	16,760	16,296
2	4	99 270	93 118,587	2 626 398,601	28,205	27,741	52	54	92 565	17 545,381	287 299,414	16,375	15,911
3	5	99 245	90 164,786	2 533 280,013	28,096	27,632	53	55	91 915	16 873,857	269 754,033	15,987	15,523
4	6	99 225	87 309,378	2 443 115,227	27,982	27,519	54	56	91 187	16 213,160	252 880,176	15,597	15,134
5	7	99 206	84 544,653	2 355 805,849	27,865	27,401	55	57	90 377	15 563,468	236 667,016	15,207	14,743
6	8	99 191	81 871,411	2 271 261,197	27,742	27,278	56	58	89 490	14 925,653	221 103,547	14,814	14,350
7	9	99 175	79 281,612	2 189 389,785	27,615	27,152	57	59	88 514	14 298,152	206 177,895	14,420	13,956
8	10	99 161	76 774,754	2 110 108,174	27,484	27,021	58	60	87 452	13 681,854	191 879,743	14,024	13,561
9	11	99 146	74 347,407	2 033 333,420	27,349	26,885	59	61	86 281	13 073,765	178 197,889	13,630	13,167
10	12	99 131	71 995,845	1 958 986,013	27,210	26,746	60	62	85 024	12 477,725	165 124,124	13,234	12,770
11	13	99 115	69 718,632	1 886 990,169	27,066	26,602	61	63	83 671	11 892,748	152 646,399	12,835	12,372
12	14	99 098	67 512,511	1 817 271,537	26,918	26,454	62	64	82 207	11 316,859	140 753,651	12,438	11,974
13	15	99 082	65 376,890	1 749 759,026	26,764	26,301	63	65	80 619	10 748,828	129 436,791	12,042	11,578
14	16	99 061	63 305,247	1 684 382,136	26,607	26,144	64	66	78 938	10 193,479	118 687,963	11,644	11,180
15	17	99 032	61 295,243	1 621 076,889	26,447	25,983	65	67	77 131	9 646,638	108 494,485	11,247	10,783
16	18	99 003	59 348,280	1 559 781,645	26,282	25,818	66	68	75 222	9 111,685	98 847,847	10,848	10,385
17	19	98 959	57 454,628	1 500 433,365	26,115	25,651	67	69	73 198	8 587,506	89 736,162	10,450	9,986
18	20	98 915	55 621,116	1 442 978,737	25,943	25,479	68	70	71 050	8 073,147	81 148,655	10,052	9,588
19	21	98 859	53 839,733	1 387 357,620	25,768	25,305	69	71	68 810	7 572,438	73 075,509	9,650	9,187
20	22	98 803	52 115,688	1 333 517,887	25,588	25,124	70	72	66 435	7 080,966	65 503,071	9,251	8,787
21	23	98 744	50 445,232	1 281 402,199	25,402	24,938	71	73	63 991	6 605,797	58 422,105	8,844	8,380
22	24	98 686	48 828,779	1 230 956,967	25,210	24,746	72	74	61 390	6 137,786	51 816,308	8,442	7,979
23	25	98 624	47 261,835	1 182 128,189	25,012	24,549	73	75	58 716	5 685,642	45 678,522	8,034	7,570
24	26	98 565	45 746,724	1 134 866,354	24,808	24,344	74	76	55 931	5 245,522	39 992,880	7,624	7,161
25	27	98 499	44 277,381	1 089 119,629	24,598	24,134	75	77	53 024	4 816,325	34 747,359	7,214	6,751
26	28	98 435	42 855,658	1 044 842,249	24,380	23,917	76	78	50 022	4 400,614	29 931,033	6,802	6,338
27	29	98 367	41 477,869	1 001 986,590	24,157	23,694	77	79	46 840	3 991,024	25 530,420	6,397	5,933
28	30	98 296	40 143,327	960 508,722	23,927	23,463	78	80	43 522	3 591,606	21 539,395	5,997	5,534
29	31	98 217	38 848,560	920 365,395	23,691	23,227	79	81	40 029	3 199,318	17 947,790	5,610	5,146
30	32	98 135	37 594,289	881 516,835	23,448	22,985	80	82	36 387	2 816,678	14 748,471	5,236	4,772
31	33	98 046	36 378,024	843 922,546	23,199	22,735	81	83	32 638	2 446,988	11 931,794	4,876	4,412
32	34	97 951	35 198,566	807 544,522	22,943	22,479	82	84	28 801	2 091,296	9 484,805	4,535	4,072
33	35	97 849	34 055,175	772 345,956	22,679	22,216	83	85	24 968	1 755,911	7 393,509	4,211	3,747
34	36	97 737	32 945,504	738 290,781	22,409	21,946	84	86	21 188	1 443,185	5 637,598	3,906	3,443
35	37	97 617	31 869,305	705 345,277	22,132	21,669	85	87	17 561	1 158,526	4 194,413	3,620	3,157
36	38	97 492	30 826,753	673 475,972	21,847	21,384	86	88	14 152	904,196	3 035,887	3,358	2,894
37	39	97 350	29 812,764	642 649,218	21,556	21,093	87	89	11 060	684,415	2 131,690	3,115	2,651
38	40	97 196	28 828,715	612 836,455	21,258	20,794	88	90	8 356	500,792	1 447,275	2,890	2,426
39	41	97 025	27 872,337	584 007,740	20,953	20,489	89	91	6 064	352,010	946,483	2,689	2,225
40	42	96 846	26 944,967	556 135,403	20,640	20,176	90	92	4 214	236,923	594,473	2,509	2,046
41	43	96 649	26 043,830	529 190,436	20,319	19,856	91	93	2 802	152,589	357,551	2,343	1,880
42	44	96 432	25 167,530	503 146,605	19,992	19,528	92	94	1 775	93,630	204,962	2,189	1,725
43	45	96 200	24 316,589	477 979,075	19,657	19,193	93	95	1 059	54,077	111,332	2,059	1,595
44	46	95 941	23 487,818	453 662,486	19,315	18,851	94	96	599	29,609	57,255	1,934	1,470
45	47	95 652	22 679,944	430 174,667	18,967	18,504	95	97	312	14,954	27,645	1,849	1,385
46	48	95 334	21 892,981	407 494,724	18,613	18,149	96	98	155	7,207	12,691	1,761	1,297
47	49	94 975	21 123,923	385 601,742	18,254	17,791	97	99	72	3,249	5,484	1,688	1,224
48	50	94 584	20 374,881	364 477,819	17,889	17,425	98	100	32	1,384	2,235	1,615	1,151
49	51	94 158	19 644,665	344 102,938	17,516	17,053							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 662	99 662,364	2 817 610,098	28,272	27,808
1	4	99 297	96 171,524	2 717 947,734	28,261	27,798
2	5	99 260	93 109,677	2 621 776,210	28,158	27,694
3	6	99 236	90 156,754	2 528 666,533	28,047	27,584
4	7	99 216	87 301,654	2 438 509,778	27,932	27,468
5	8	99 201	84 540,725	2 351 208,124	27,812	27,348
6	9	99 184	81 865,706	2 266 667,399	27,688	27,224
7	10	99 169	79 276,762	2 184 801,693	27,559	27,096
8	11	99 155	76 770,263	2 105 524,931	27,426	26,963
9	12	99 139	74 341,658	2 028 754,668	27,290	26,826
10	13	99 123	71 990,191	1 954 413,010	27,148	26,685
11	14	99 106	69 712,063	1 882 422,819	27,003	26,539
12	15	99 089	67 506,286	1 812 710,756	26,852	26,389
13	16	99 070	65 368,936	1 745 204,470	26,698	26,234
14	17	99 046	63 295,926	1 679 835,534	26,539	26,076
15	18	99 019	61 286,897	1 616 539,609	26,377	25,913
16	19	98 984	59 336,588	1 555 252,711	26,211	25,747
17	20	98 942	57 444,586	1 495 916,124	26,041	25,577
18	21	98 896	55 610,833	1 438 471,538	25,867	25,403
19	22	98 842	53 830,855	1 382 860,705	25,689	25,225
20	23	98 787	52 107,204	1 329 029,849	25,506	25,042
21	24	98 726	50 436,153	1 276 922,646	25,318	24,854
22	25	98 669	48 819,992	1 226 486,492	25,123	24,659
23	26	98 605	47 252,845	1 177 666,500	24,923	24,459
24	27	98 546	45 738,115	1 130 413,655	24,715	24,251
25	28	98 478	44 267,853	1 084 675,541	24,503	24,039
26	29	98 412	42 845,560	1 040 407,688	24,283	23,819
27	30	98 341	41 467,136	997 562,128	24,057	23,593
28	31	98 265	40 130,596	956 094,993	23,825	23,361
29	32	98 186	38 836,362	915 964,396	23,585	23,122
30	33	98 101	37 581,408	877 128,035	23,339	22,876
31	34	98 011	36 364,916	839 546,627	23,087	22,623
32	35	97 911	35 184,276	803 181,711	22,828	22,364
33	36	97 808	34 041,140	767 997,436	22,561	22,097
34	37	97 692	32 930,399	733 956,295	22,288	21,824
35	38	97 570	31 854,178	701 025,897	22,007	21,544
36	39	97 433	30 808,157	669 171,719	21,721	21,257
37	40	97 291	29 794,842	638 363,562	21,425	20,962
38	41	97 129	28 808,947	608 568,720	21,124	20,661
39	42	96 954	27 851,704	579 759,773	20,816	20,352
40	43	96 769	26 923,579	551 908,069	20,499	20,035
41	44	96 561	26 020,181	524 984,489	20,176	19,712
42	45	96 339	25 143,103	498 964,309	19,845	19,381
43	46	96 089	24 288,571	473 821,205	19,508	19,044
44	47	95 824	23 459,222	449 532,635	19,162	18,699
45	48	95 521	22 648,866	426 073,413	18,812	18,349
46	49	95 182	21 858,083	403 424,547	18,457	17,993
47	50	94 809	21 086,997	381 566,465	18,095	17,631
48	51	94 409	20 337,122	360 479,468	17,725	17,262
49	52	93 956	19 602,573	340 142,345	17,352	16,888
50	53	93 459	18 884,971	320 539,772	16,973	16,510
51	54	92 909	18 182,919	301 654,802	16,590	16,126
52	55	92 297	17 494,698	283 471,883	16,203	15,740
53	56	91 617	16 819,094	265 977,185	15,814	15,350
54	57	90 860	16 155,166	249 158,091	15,423	14,959
55	58	90 023	15 502,395	233 002,925	15,030	14,566
56	59	89 101	14 860,735	217 500,529	14,636	14,172
57	60	88 098	14 230,859	202 639,795	14,239	13,776
58	61	86 990	13 609,669	188 408,935	13,844	13,380
59	62	85 790	12 999,429	174 799,266	13,447	12,983
60	63	84 502	12 401,182	161 799,837	13,047	12,584
61	64	83 106	11 812,485	149 398,656	12,648	12,184
62	65	81 593	11 232,292	137 586,170	12,249	11,786
63	66	79 976	10 663,155	126 353,878	11,850	11,386
64	67	78 246	10 104,162	115 690,723	11,450	10,986
65	68	76 400	9 555,166	105 586,561	11,050	10,587
66	69	74 434	9 016,325	96 031,395	10,651	10,187
67	70	72 353	8 488,281	87 015,069	10,251	9,788
68	71	70 155	7 971,435	78 526,788	9,851	9,387
69	72	67 867	7 468,682	70 555,353	9,447	8,983
70	73	65 451	6 976,071	63 086,672	9,043	8,580
71	74	62 941	6 497,355	56 110,601	8,636	8,172
72	75	60 294	6 028,269	49 613,245	8,230	7,766
73	76	57 586	5 576,299	43 584,977	7,816	7,352
74	77	54 725	5 132,397	38 008,678	7,406	6,942
75	78	51 762	4 701,714	32 876,280	6,992	6,529
76	79	48 649	4 279,826	28 174,567	6,583	6,119
77	80	45 369	3 865,648	23 894,741	6,181	5,718
78	81	41 936	3 460,650	20 029,093	5,788	5,324
79	82	38 321	3 062,791	16 568,443	5,410	4,946
80	83	34 590	2 677,593	13 505,652	5,044	4,580
81	84	30 787	2 308,216	10 828,058	4,691	4,227
82	85	26 924	1 955,021	8 519,842	4,358	3,894
83	86	23 067	1 622,243	6 564,821	4,047	3,583
84	87	19 341	1 317,368	4 942,578	3,752	3,288
85	88	15 806	1 042,737	3 625,210	3,477	3,013
86	89	12 536	800,935	2 582,474	3,224	2,761
87	90	9 628	595,771	1 781,538	2,990	2,527
88	91	7 123	426,937	1 185,767	2,777	2,314
89	92	5 048	293,001	758,830	2,590	2,126
90	93	3 424	192,499	465,829	2,420	1,956
91	94	2 217	120,702	273,330	2,265	1,801
92	95	1 367	72,080	152,628	2,117	1,654
93	96	791	40,408	80,548	1,993	1,530
94	97	428	21,151	40,141	1,898	1,434
95	98	219	10,483	18,990	1,812	1,348
96	99	107	4,950	8,507	1,718	1,255
97	100	48	2,154	3,557	1,651	1,187

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 652	99 652,086	2 812 630,003	28,224	27,761
1	5	99 288	96 162,322	2 712 977,917	28,212	27,749
2	6	99 251	93 101,383	2 616 815,595	28,107	27,644
3	7	99 227	90 148,779	2 523 714,212	27,995	27,531
4	8	99 212	87 297,599	2 433 565,433	27,877	27,413
5	9	99 194	84 534,834	2 346 267,834	27,755	27,291
6	10	99 178	81 860,698	2 261 733,001	27,629	27,165
7	11	99 163	79 272,125	2 179 872,302	27,499	27,035
8	12	99 147	76 764,326	2 100 600,178	27,364	26,901
9	13	99 131	74 335,820	2 023 835,851	27,226	26,762
10	14	99 114	71 983,409	1 949 500,031	27,083	26,619
11	15	99 097	69 705,635	1 877 516,622	26,935	26,471
12	16	99 077	67 498,073	1 807 810,987	26,783	26,320
13	17	99 055	65 359,310	1 740 312,914	26,627	26,163
14	18	99 032	63 287,307	1 674 953,604	26,466	26,002
15	19	98 999	61 274,823	1 611 666,297	26,302	25,839
16	20	98 966	59 326,216	1 550 391,474	26,133	25,670
17	21	98 924	57 433,965	1 491 065,258	25,961	25,498
18	22	98 880	55 601,663	1 433 631,292	25,784	25,320
19	23	98 826	53 822,091	1 378 029,629	25,603	25,140
20	24	98 769	52 097,826	1 324 207,538	25,418	24,954
21	25	98 709	50 427,078	1 272 109,712	25,227	24,763
22	26	98 650	48 810,706	1 221 682,634	25,029	24,565
23	27	98 587	47 243,952	1 172 871,928	24,826	24,362
24	28	98 525	45 728,273	1 125 627,977	24,616	24,152
25	29	98 455	44 257,422	1 079 899,704	24,400	23,937
26	30	98 386	42 834,473	1 035 642,283	24,178	23,714
27	31	98 310	41 453,985	992 807,810	23,950	23,486
28	32	98 234	40 117,995	951 353,825	23,714	23,250
29	33	98 153	38 823,055	911 235,830	23,472	23,008
30	34	98 066	37 567,866	872 412,774	23,222	22,759
31	35	97 971	36 350,152	834 844,909	22,967	22,503
32	36	97 870	35 169,775	798 494,757	22,704	22,240
33	37	97 764	34 025,532	763 324,982	22,434	21,970
34	38	97 646	32 914,768	729 299,449	22,157	21,694
35	39	97 512	31 834,962	696 384,681	21,875	21,411
36	40	97 375	30 789,637	664 549,720	21,584	21,120
37	41	97 224	29 774,412	633 760,083	21,285	20,822
38	42	97 057	28 787,621	603 985,671	20,981	20,517
39	43	96 877	27 829,597	575 198,050	20,669	20,205
40	44	96 681	26 899,131	547 368,453	20,349	19,885
41	45	96 468	25 994,926	520 469,323	20,022	19,558
42	46	96 228	25 114,133	494 474,396	19,689	19,225
43	47	95 972	24 258,999	469 360,264	19,348	18,884
44	48	95 693	23 427,075	445 101,265	18,999	18,536
45	49	95 369	22 612,762	421 674,189	18,648	18,184
46	50	95 016	21 819,873	399 061,427	18,289	17,825
47	51	94 633	21 047,918	377 241,554	17,923	17,459
48	52	94 206	20 293,546	356 193,635	17,552	17,088
49	53	93 737	19 556,841	335 900,089	17,176	16,712
50	54	93 219	18 836,480	316 343,249	16,794	16,331
51	55	92 640	18 130,394	297 506,768	16,409	15,946
52	56	91 998	17 437,920	279 376,374	16,021	15,558
53	57	91 289	16 758,932	261 938,454	15,630	15,166
54	58	90 504	16 091,771	245 179,522	15,236	14,773
55	59	89 631	15 434,969	229 087,751	14,842	14,379
56	60	88 682	14 790,795	213 652,782	14,445	13,981
57	61	87 633	14 155,778	198 861,987	14,048	13,584
58	62	86 496	13 532,286	184 706,209	13,649	13,186
59	63	85 264	12 919,685	171 173,923	13,249	12,785
60	64	83 932	12 317,487	158 254,238	12,848	12,384
61	65	82 485	11 724,214	145 936,751	12,447	11,984
62	66	80 943	11 142,766	134 212,536	12,045	11,581
63	67	79 275	10 569,723	123 069,771	11,644	11,180
64	68	77 504	10 008,353	112 500,047	11,241	10,777
65	69	75 600	9 455,165	102 491,695	10,840	10,376
66	70	73 574	8 912,145	93 036,530	10,439	9,976
67	71	71 441	8 381,339	84 124,385	10,037	9,573
68	72	69 194	7 862,212	75 743,046	9,634	9,170
69	73	66 862	7 358,044	67 880,834	9,225	8,762
70	74	64 376	6 861,551	60 522,790	8,821	8,357
71	75	61 818	6 381,422	53 661,239	8,409	7,945
72	76	59 135	5 912,337	47 279,817	7,997	7,533
73	77	56 345	5 456,041	41 367,480	7,582	7,118
74	78	53 423	5 010,264	35 911,440	7,168	6,704
75	79	50 341	4 572,661	30 901,175	6,758	6,294
76	80	47 120	4 145,377	26 328,515	6,351	5,888
77	81	43 715	3 724,701	22 183,137	5,956	5,492
78	82	40 146	3 312,971	18 458,436	5,572	5,108
79	83	36 428	2 911,554	15 145,465	5,202	4,738
80	84	32 628	2 525,743	12 233,912	4,844	4,380
81	85	28 781	2 157,806	9 708,169	4,499	4,035
82	86	24 874	1 806,196	7 550,363	4,180	3,717
83	87	21 056	1 480,816	5 744,168	3,879	3,415
84	88	17 408	1 185,703	4 263,352	3,596	3,132
85	89	14 001	923,654	3 077,649	3,332	2,868
86	90	10 912	697,200	2 153,995	3,089	2,626
87	91	8 208	507,909	1 456,795	2,868	2,405
88	92	5 929	355,368	948,885	2,670	2,207
89	93	4 101	238,062	593,518	2,493	2,029
90	94	2 708	152,272	355,455	2,334	1,871
91	95	1 707	92,921	203,183	2,187	1,723
92	96	1 021	53,859	110,263	2,047	1,584
93	97	565	28,865	56,403	1,954	1,490
94	98	300	14,827	27,538	1,857	1,394
95	99	150	7,200	12,712	1,765	1,302
96	100	71	3,282	5,511	1,679	1,216

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 643	99 642,551	2 807 298,128	28,174	27,710
1	6	99 279	96 153,756	2 707 655,577	28,160	27,696
2	7	99 243	93 093,147	2 611 501,821	28,053	27,589
3	8	99 222	90 144,591	2 518 408,674	27,937	27,474
4	9	99 205	87 291,515	2 428 264,083	27,818	27,354
5	10	99 188	84 529,663	2 340 972,567	27,694	27,230
6	11	99 172	81 855,910	2 256 442,905	27,566	27,102
7	12	99 156	79 265,995	2 174 586,995	27,434	26,970
8	13	99 139	76 758,298	2 095 321,000	27,298	26,834
9	14	99 121	74 328,817	2 018 562,701	27,157	26,694
10	15	99 104	71 976,771	1 944 233,885	27,012	26,548
11	16	99 084	69 697,154	1 872 257,113	26,863	26,399
12	17	99 062	67 488,134	1 802 559,959	26,709	26,246
13	18	99 042	65 350,411	1 735 071,825	26,550	26,087
14	19	99 013	63 274,839	1 669 721,414	26,388	25,925
15	20	98 982	61 264,112	1 606 446,576	26,222	25,758
16	21	98 948	59 315,248	1 545 182,463	26,050	25,587
17	22	98 907	57 424,495	1 485 867,215	25,875	25,412
18	23	98 864	55 592,611	1 428 442,721	25,695	25,231
19	24	98 808	53 812,405	1 372 850,110	25,512	25,048
20	25	98 751	52 088,452	1 319 037,705	25,323	24,859
21	26	98 690	50 417,486	1 266 949,253	25,129	24,666
22	27	98 631	48 801,520	1 216 531,767	24,928	24,465
23	28	98 565	47 233,786	1 167 730,248	24,722	24,259
24	29	98 502	45 717,497	1 120 496,462	24,509	24,046
25	30	98 429	44 245,969	1 074 778,965	24,291	23,827
26	31	98 355	42 820,889	1 030 532,996	24,066	23,603
27	32	98 279	41 440,969	987 712,107	23,834	23,371
28	33	98 200	40 104,249	946 271,139	23,595	23,132
29	34	98 117	38 809,066	906 166,889	23,349	22,886
30	35	98 026	37 552,613	867 357,823	23,097	22,634
31	36	97 931	36 335,171	829 805,210	22,838	22,374
32	37	97 826	35 153,650	793 470,039	22,571	22,108
33	38	97 717	34 009,382	758 316,389	22,297	21,834
34	39	97 587	32 894,912	724 307,007	22,019	21,555
35	40	97 453	31 815,824	691 412,095	21,732	21,268
36	41	97 308	30 768,525	659 596,271	21,437	20,974
37	42	97 152	29 752,371	628 827,747	21,135	20,672
38	43	96 980	28 764,770	599 075,376	20,827	20,363
39	44	96 789	27 804,326	570 310,606	20,512	20,048
40	45	96 587	26 873,023	542 506,280	20,188	19,724
41	46	96 356	25 964,974	515 633,257	19,859	19,395
42	47	96 111	25 083,556	489 668,283	19,521	19,058
43	48	95 841	24 225,757	464 584,727	19,177	18,714
44	49	95 541	23 389,732	440 358,970	18,827	18,363
45	50	95 202	22 573,233	416 969,238	18,472	18,008
46	51	94 840	21 779,437	394 396,005	18,109	17,645
47	52	94 430	21 002,819	372 616,568	17,741	17,278
48	53	93 987	20 246,202	351 613,749	17,367	16,903
49	54	93 496	19 506,625	331 367,547	16,987	16,524
50	55	92 949	18 782,067	311 860,922	16,604	16,141
51	56	92 340	18 071,553	293 078,855	16,218	15,754
52	57	91 669	17 375,545	275 007,302	15,827	15,364
53	58	90 931	16 693,168	257 631,757	15,433	14,970
54	59	90 110	16 021,781	240 938,589	15,038	14,575
55	60	89 209	15 362,327	224 916,807	14,641	14,177
56	61	88 214	14 712,759	209 554,481	14,243	13,779
57	62	87 135	14 075,290	194 841,721	13,843	13,379
58	63	85 965	13 449,273	180 766,432	13,441	12,977
59	64	84 689	12 832,491	167 317,159	13,039	12,575
60	65	83 304	12 225,443	154 484,667	12,636	12,173
61	66	81 828	11 630,767	142 259,225	12,231	11,768
62	67	80 233	11 045,132	130 628,457	11,827	11,363
63	68	78 524	10 469,499	119 583,326	11,422	10,958
64	69	76 693	9 903,608	109 113,827	11,018	10,554
65	70	74 727	9 345,914	99 210,218	10,615	10,152
66	71	72 647	8 799,863	89 864,304	10,212	9,748
67	72	70 462	8 266,500	81 064,441	9,806	9,343
68	73	68 169	7 745,744	72 797,941	9,398	8,935
69	74	65 764	7 237,253	65 052,197	8,989	8,525
70	75	63 228	6 739,119	57 814,944	8,579	8,115
71	76	60 629	6 258,698	51 075,825	8,161	7,697
72	77	57 860	5 784,832	44 817,127	7,747	7,284
73	78	55 004	5 326,206	39 032,295	7,328	6,865
74	79	51 956	4 872,742	33 706,089	6,917	6,454
75	80	48 760	4 429,013	28 833,346	6,510	6,046
76	81	45 402	3 994,231	24 404,333	6,110	5,646
77	82	41 849	3 565,753	20 410,103	5,724	5,260
78	83	38 164	3 149,380	16 844,349	5,348	4,885
79	84	34 362	2 746,435	13 694,969	4,986	4,523
80	85	30 502	2 361,158	10 948,534	4,637	4,173
81	86	26 590	1 993,543	8 587,376	4,308	3,844
82	87	22 706	1 648,731	6 593,833	3,999	3,536
83	88	18 952	1 332,815	4 945,102	3,710	3,247
84	89	15 420	1 050,293	3 612,287	3,439	2,976
85	90	12 188	804,024	2 561,993	3,186	2,723
86	91	9 303	594,380	1 757,969	2,958	2,494
87	92	6 832	422,766	1 163,589	2,752	2,289
88	93	4 818	288,736	740,823	2,566	2,102
89	94	3 244	188,314	452,087	2,401	1,937
90	95	2 085	117,224	263,774	2,250	1,787
91	96	1 275	69,432	146,550	2,111	1,647
92	97	730	38,474	77,117	2,004	1,541
93	98	396	20,234	38,643	1,910	1,446
94	99	206	10,184	18,409	1,808	1,344
95	100	100	4,774	8,225	1,723	1,259

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 634	99 633,675	2 801 600,180	28,119	27,655
1	7	99 270	96 145,250	2 701 966,505	28,103	27,639
2	8	99 238	93 088,822	2 605 821,255	27,993	27,529
3	9	99 216	90 138,309	2 512 732,432	27,876	27,413
4	10	99 199	87 286,176	2 422 594,123	27,755	27,291
5	11	99 182	84 524,718	2 335 307,947	27,629	27,165
6	12	99 165	81 849,580	2 250 783,229	27,499	27,035
7	13	99 148	79 259,770	2 168 933,649	27,365	26,901
8	14	99 130	76 751,067	2 089 673,878	27,227	26,763
9	15	99 112	74 321,963	2 012 922,812	27,084	26,620
10	16	99 092	71 968,014	1 938 600,848	26,937	26,473
11	17	99 070	69 686,892	1 866 632,834	26,786	26,322
12	18	99 049	67 478,944	1 796 945,943	26,630	26,166
13	19	99 022	65 337,536	1 729 466,998	26,470	26,006
14	20	98 996	63 263,779	1 664 129,463	26,305	25,841
15	21	98 964	61 252,786	1 600 865,684	26,135	25,672
16	22	98 932	59 305,467	1 539 612,898	25,961	25,497
17	23	98 891	57 415,145	1 480 307,431	25,783	25,319
18	24	98 846	55 582,606	1 422 892,285	25,600	25,136
19	25	98 791	53 802,722	1 367 309,679	25,413	24,950
20	26	98 732	52 078,543	1 313 506,957	25,222	24,758
21	27	98 671	50 407,997	1 261 428,414	25,024	24,561
22	28	98 610	48 791,018	1 211 020,416	24,821	24,357
23	29	98 542	47 222,655	1 162 229,398	24,612	24,148
24	30	98 476	45 705,667	1 115 006,743	24,395	23,932
25	31	98 398	44 231,937	1 069 301,076	24,175	23,711
26	32	98 324	42 807,443	1 025 069,138	23,946	23,482
27	33	98 246	41 426,770	982 261,696	23,711	23,247
28	34	98 165	40 089,799	940 834,926	23,468	23,005
29	35	98 077	38 793,310	900 745,127	23,219	22,755
30	36	97 986	37 537,137	861 951,818	22,963	22,499
31	37	97 886	36 318,511	824 414,681	22,700	22,236
32	38	97 779	35 136,964	788 096,170	22,429	21,966
33	39	97 658	33 988,866	752 959,206	22,153	21,689
34	40	97 528	32 875,137	718 970,340	21,870	21,406
35	41	97 386	31 794,008	686 095,203	21,579	21,116
36	42	97 236	30 745,748	654 301,195	21,281	20,817
37	43	97 075	29 728,755	623 555,447	20,975	20,511
38	44	96 892	28 738,650	593 826,692	20,663	20,199
39	45	96 695	27 777,340	565 088,042	20,343	19,880
40	46	96 476	26 842,059	537 310,703	20,017	19,554
41	47	96 239	25 933,361	510 468,644	19,684	19,220
42	48	95 979	25 049,184	484 535,282	19,343	18,880
43	49	95 688	24 187,140	459 486,099	18,997	18,533
44	50	95 374	23 348,845	435 298,959	18,643	18,180
45	51	95 026	22 531,401	411 950,114	18,283	17,820
46	52	94 636	21 732,770	389 418,713	17,919	17,455
47	53	94 210	20 953,820	367 685,944	17,547	17,084
48	54	93 745	20 194,216	346 732,123	17,170	16,706
49	55	93 226	19 450,276	326 537,907	16,788	16,325
50	56	92 648	18 721,111	307 087,630	16,403	15,940
51	57	92 009	18 006,912	288 366,519	16,014	15,551
52	58	91 309	17 307,361	270 359,608	15,621	15,157
53	59	90 536	16 620,563	253 052,247	15,225	14,762
54	60	89 686	15 946,377	236 431,684	14,827	14,363
55	61	88 739	15 281,275	220 485,307	14,428	13,965
56	62	87 712	14 629,104	205 204,031	14,027	13,563
57	63	86 600	13 988,946	190 574,927	13,623	13,160
58	64	85 385	13 358,505	176 585,981	13,219	12,755
59	65	84 056	12 736,598	163 227,476	12,816	12,352
60	66	82 640	12 128,001	150 490,878	12,409	11,945
61	67	81 111	11 528,857	138 362,877	12,001	11,538
62	68	79 473	10 940,399	126 834,020	11,593	11,130
63	69	77 702	10 359,928	115 893,620	11,187	10,723
64	70	75 807	9 789,176	105 533,692	10,781	10,317
65	71	73 785	9 228,167	95 744,516	10,375	9,912
66	72	71 652	8 679,289	86 516,349	9,968	9,505
67	73	69 418	8 144,043	77 837,059	9,558	9,094
68	74	67 050	7 618,589	69 693,016	9,148	8,684
69	75	64 591	7 108,117	62 074,427	8,733	8,269
70	76	62 012	6 609,517	54 966,310	8,316	7,853
71	77	59 321	6 123,724	48 356,793	7,897	7,433
72	78	56 483	5 647,173	42 233,070	7,479	7,015
73	79	53 494	5 180,012	36 585,897	7,063	6,599
74	80	50 324	4 719,668	31 405,884	6,654	6,191
75	81	46 982	4 267,525	26 686,217	6,253	5,790
76	82	43 465	3 823,781	22 418,692	5,863	5,399
77	83	39 783	3 389,680	18 594,911	5,486	5,022
78	84	35 999	2 970,774	15 205,230	5,118	4,655
79	85	32 123	2 567,469	12 234,456	4,765	4,302
80	86	28 180	2 181,415	9 666,987	4,432	3,968
81	87	24 272	1 819,746	7 485,572	4,114	3,650
82	88	20 436	1 483,948	5 665,826	3,818	3,354
83	89	16 787	1 180,605	4 181,878	3,542	3,079
84	90	13 423	914,262	3 001,273	3,283	2,819
85	91	10 390	685,450	2 087,011	3,045	2,581
86	92	7 743	494,741	1 401,561	2,833	2,369
87	93	5 551	343,497	906,820	2,640	2,176
88	94	3 811	228,397	563,323	2,466	2,003
89	95	2 497	144,970	334,926	2,310	1,847
90	96	1 558	87,593	189,956	2,169	1,705
91	97	911	49,599	102,363	2,064	1,600
92	98	511	26,970	52,764	1,956	1,493
93	99	272	13,898	25,795	1,856	1,392
94	100	136	6,752	11,896	1,762	1,298

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 625	99 624,861	2 795 522,667	28,060	27,597
1	8	99 265	96 140,784	2 695 897,806	28,041	27,578
2	9	99 231	93 082,335	2 599 757,022	27,930	27,466
3	10	99 209	90 132,795	2 506 674,687	27,811	27,347
4	11	99 193	87 281,070	2 416 541,892	27,687	27,223
5	12	99 175	84 518,182	2 329 260,822	27,559	27,096
6	13	99 157	81 843,153	2 244 742,639	27,427	26,964
7	14	99 138	79 252,303	2 162 899,486	27,291	26,828
8	15	99 121	76 743,990	2 083 647,183	27,151	26,687
9	16	99 100	74 312,921	2 006 903,193	27,006	26,542
10	17	99 078	71 957,417	1 932 590,273	26,857	26,394
11	18	99 056	69 677,403	1 860 632,856	26,704	26,240
12	19	99 029	67 465,650	1 790 955,453	26,546	26,083
13	20	99 005	65 326,115	1 723 489,803	26,383	25,919
14	21	98 977	63 252,083	1 658 163,688	26,215	25,752
15	22	98 948	61 242,686	1 594 911,605	26,042	25,579
16	23	98 916	59 295,812	1 533 668,920	25,865	25,401
17	24	98 873	57 404,813	1 474 373,108	25,684	25,220
18	25	98 828	55 572,605	1 416 968,295	25,498	25,034
19	26	98 772	53 792,487	1 361 395,690	25,308	24,845
20	27	98 714	52 068,742	1 307 603,203	25,113	24,649
21	28	98 650	50 397,150	1 255 534,461	24,913	24,449
22	29	98 587	48 779,521	1 205 137,310	24,706	24,242
23	30	98 517	47 210,436	1 156 357,789	24,494	24,030
24	31	98 445	45 691,172	1 109 147,353	24,275	23,811
25	32	98 367	44 218,049	1 063 456,181	24,050	23,587
26	33	98 291	42 792,776	1 019 238,133	23,818	23,354
27	34	98 210	41 411,842	976 445,357	23,579	23,115
28	35	98 125	40 073,522	935 033,515	23,333	22,869
29	36	98 037	38 777,322	894 959,992	23,079	22,616
30	37	97 941	37 519,926	856 182,670	22,819	22,356
31	38	97 839	36 301,272	818 662,744	22,552	22,088
32	39	97 720	35 115,767	782 361,472	22,279	21,816
33	40	97 599	33 968,433	747 245,705	21,998	21,535
34	41	97 461	32 852,595	713 277,272	21,711	21,248
35	42	97 314	31 770,473	680 424,677	21,417	20,953
36	43	97 159	30 721,343	648 654,204	21,114	20,650
37	44	96 987	29 701,759	617 932,861	20,805	20,341
38	45	96 798	28 710,757	588 231,102	20,488	20,025
39	46	96 583	27 745,334	559 520,345	20,166	19,703
40	47	96 358	26 809,379	531 775,012	19,835	19,372
41	48	96 107	25 897,825	504 965,633	19,498	19,035
42	49	95 826	25 009,254	479 067,808	19,156	18,692
43	50	95 521	24 144,859	454 058,554	18,806	18,342
44	51	95 197	23 305,574	429 913,695	18,447	17,983
45	52	94 822	22 483,123	406 608,121	18,085	17,621
46	53	94 416	21 682,068	384 124,998	17,716	17,253
47	54	93 968	20 900,018	362 442,930	17,342	16,878
48	55	93 475	20 135,881	341 542,912	16,962	16,498
49	56	92 924	19 387,152	321 407,031	16,578	16,115
50	57	92 316	18 654,147	302 019,879	16,190	15,727
51	58	91 648	17 936,250	283 365,733	15,798	15,335
52	59	90 912	17 232,084	265 429,483	15,403	14,940
53	60	90 109	16 542,340	248 197,398	15,004	14,540
54	61	89 213	15 862,245	231 655,058	14,604	14,141
55	62	88 234	15 194,388	215 792,813	14,202	13,739
56	63	87 174	14 539,363	200 598,425	13,797	13,333
57	64	86 016	13 894,536	186 059,063	13,391	12,927
58	65	84 747	13 258,681	172 164,527	12,985	12,521
59	66	83 386	12 635,082	158 905,845	12,577	12,113
60	67	81 916	12 021,734	146 270,763	12,167	11,704
61	68	80 342	11 419,538	134 249,029	11,756	11,292
62	69	78 641	10 825,901	122 829,491	11,346	10,882
63	70	76 804	10 240,224	112 003,591	10,938	10,474
64	71	74 852	9 665,844	101 763,367	10,528	10,065
65	72	72 774	9 101,725	92 097,523	10,119	9,655
66	73	70 591	8 550,718	82 995,798	9,706	9,243
67	74	68 279	8 010,349	74 445,080	9,294	8,830
68	75	65 854	7 482,649	66 434,731	8,879	8,415
69	76	63 348	6 971,418	58 952,082	8,456	7,993
70	77	60 674	6 466,976	51 980,663	8,038	7,574
71	78	57 910	5 978,000	45 513,687	7,614	7,150
72	79	54 932	5 492,169	39 535,687	7,199	6,735
73	80	51 814	5 017,285	34 043,517	6,785	6,322
74	81	48 489	4 547,582	29 026,232	6,383	5,919
75	82	44 977	4 085,413	24 478,651	5,992	5,528
76	83	41 319	3 634,967	20 393,238	5,610	5,147
77	84	37 526	3 197,447	16 758,271	5,241	4,778
78	85	33 653	2 777,189	13 560,824	4,883	4,419
79	86	29 678	2 372,021	10 783,635	4,546	4,083
80	87	25 723	1 991,239	8 411,614	4,224	3,761
81	88	21 846	1 637,871	6 420,374	3,920	3,456
82	89	18 102	1 314,478	4 782,503	3,638	3,175
83	90	14 613	1 027,695	3 468,025	3,375	2,911
84	91	11 443	779,430	2 440,330	3,131	2,667
85	92	8 649	570,545	1 660,900	2,911	2,447
86	93	6 291	401,976	1 090,355	2,712	2,249
87	94	4 391	271,715	688,379	2,533	2,070
88	95	2 934	175,828	416,664	2,370	1,906
89	96	1 866	108,325	240,836	2,223	1,760
90	97	1 113	62,571	132,511	2,118	1,654
91	98	639	34,768	69,939	2,012	1,548
92	99	351	18,525	35,171	1,899	1,435
93	100	180	9,215	16,646	1,806	1,343

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 620	99 620,233	2 789 053,403	27,997	27,533
1	9	99 258	96 134,084	2 689 433,171	27,976	27,512
2	10	99 225	93 076,641	2 593 299,086	27,862	27,398
3	11	99 204	90 127,523	2 500 222,445	27,741	27,277
4	12	99 185	87 274,321	2 410 094,922	27,615	27,152
5	13	99 167	84 511,545	2 322 820,601	27,485	27,022
6	14	99 148	81 835,442	2 238 309,056	27,351	26,888
7	15	99 129	79 244,996	2 156 473,613	27,213	26,749
8	16	99 109	76 734,653	2 077 228,618	27,070	26,607
9	17	99 086	74 301,978	2 000 493,965	26,924	26,460
10	18	99 064	71 947,619	1 926 191,987	26,772	26,309
11	19	99 037	69 663,675	1 854 244,368	26,617	26,153
12	20	99 012	67 453,858	1 784 580,692	26,456	25,993
13	21	98 987	65 314,038	1 717 126,835	26,290	25,827
14	22	98 961	63 241,652	1 651 812,797	26,119	25,655
15	23	98 931	61 232,715	1 588 571,145	25,943	25,480
16	24	98 898	59 285,141	1 527 338,430	25,763	25,299
17	25	98 856	57 394,484	1 468 053,289	25,578	25,115
18	26	98 810	55 562,033	1 410 658,806	25,389	24,925
19	27	98 753	53 782,364	1 355 096,772	25,196	24,732
20	28	98 693	52 057,538	1 301 314,408	24,998	24,534
21	29	98 627	50 385,275	1 249 256,870	24,794	24,330
22	30	98 561	48 766,899	1 198 871,596	24,584	24,120
23	31	98 485	47 195,464	1 150 104,697	24,369	23,905
24	32	98 414	45 676,825	1 102 909,233	24,146	23,682
25	33	98 334	44 202,898	1 057 232,408	23,918	23,454
26	34	98 255	42 777,356	1 013 029,510	23,681	23,218
27	35	98 170	41 395,029	970 252,154	23,439	22,975
28	36	98 084	40 057,007	928 857,125	23,188	22,725
29	37	97 992	38 759,543	888 800,118	22,931	22,468
30	38	97 894	37 502,117	850 040,575	22,666	22,203
31	39	97 780	36 279,373	812 538,458	22,397	21,933
32	40	97 661	35 094,658	776 259,085	22,119	21,655
33	41	97 533	33 945,141	741 164,428	21,834	21,371
34	42	97 389	32 828,276	707 219,286	21,543	21,079
35	43	97 237	31 745,254	674 391,011	21,244	20,780
36	44	97 071	30 693,446	642 645,756	20,938	20,474
37	45	96 893	29 672,931	611 952,310	20,623	20,160
38	46	96 687	28 677,675	582 279,379	20,304	19,841
39	47	96 466	27 711,553	553 601,704	19,977	19,514
40	48	96 226	26 772,642	525 890,151	19,643	19,179
41	49	95 954	25 856,542	499 117,509	19,303	18,840
42	50	95 658	24 965,536	473 260,967	18,957	18,493
43	51	95 344	24 100,114	448 295,431	18,601	18,138
44	52	94 993	23 255,638	424 195,317	18,241	17,777
45	53	94 601	22 430,670	400 939,679	17,875	17,411
46	54	94 173	21 626,396	378 509,009	17,502	17,039
47	55	93 696	20 839,644	356 882,613	17,125	16,662
48	56	93 171	20 070,531	336 042,969	16,743	16,279
49	57	92 591	19 317,804	315 972,438	16,357	15,893
50	58	91 954	18 580,945	296 654,633	15,966	15,502
51	59	91 250	17 858,238	278 073,688	15,571	15,108
52	60	90 484	17 150,984	260 215,450	15,172	14,708
53	61	89 634	16 455,064	243 064,466	14,771	14,308
54	62	88 706	15 772,054	226 609,403	14,368	13,904
55	63	87 693	15 101,179	210 837,349	13,962	13,498
56	64	86 586	14 441,238	195 736,170	13,554	13,090
57	65	85 373	13 790,707	181 294,932	13,146	12,683
58	66	84 071	13 153,004	167 504,225	12,735	12,271
59	67	82 655	12 524,372	154 351,221	12,324	11,860
60	68	81 140	11 907,741	141 826,849	11,910	11,447
61	69	79 501	11 300,025	129 919,108	11,497	11,034
62	70	77 732	10 700,812	118 619,083	11,085	10,621
63	71	75 836	10 111,209	107 918,272	10,673	10,210
64	72	73 826	9 533,405	97 807,062	10,259	9,796
65	73	71 696	8 966,896	88 273,657	9,844	9,381
66	74	69 432	8 410,348	79 306,762	9,430	8,966
67	75	67 060	7 867,419	70 896,414	9,011	8,548
68	76	64 587	7 338,748	63 028,995	8,589	8,125
69	77	61 982	6 821,073	55 690,247	8,164	7,701
70	78	59 231	6 313,085	48 869,174	7,741	7,277
71	79	56 320	5 813,916	42 556,089	7,320	6,856
72	80	53 207	5 319,636	36 742,173	6,907	6,443
73	81	49 924	4 834,347	31 422,537	6,500	6,036
74	82	46 420	4 353,519	26 588,190	6,107	5,644
75	83	42 756	3 883,680	22 234,671	5,725	5,262
76	84	38 975	3 428,823	18 350,991	5,352	4,888
77	85	35 081	2 989,091	14 922,169	4,992	4,529
78	86	31 092	2 565,776	11 933,078	4,651	4,187
79	87	27 091	2 165,228	9 367,301	4,326	3,863
80	88	23 152	1 792,224	7 202,073	4,019	3,555
81	89	19 351	1 450,823	5 409,849	3,729	3,265
82	90	15 758	1 144,230	3 959,026	3,460	2,996
83	91	12 458	876,135	2 814,796	3,213	2,749
84	92	9 525	648,770	1 938,661	2,988	2,525
85	93	7 027	463,567	1 289,891	2,783	2,319
86	94	4 977	317,974	826,324	2,599	2,135
87	95	3 380	209,175	508,351	2,430	1,967
88	96	2 192	131,383	299,175	2,277	1,813
89	97	1 333	77,382	167,792	2,168	1,705
90	98	780	43,861	90,411	2,061	1,598
91	99	439	23,881	46,549	1,949	1,486
92	100	233	12,283	22,668	1,845	1,382

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 613	99 613,291	2 782 176,559	27,930	27,466
1	10	99 252	96 128,203	2 682 563,268	27,906	27,442
2	11	99 219	93 071,197	2 586 435,064	27,790	27,326
3	12	99 196	90 120,554	2 493 363,867	27,667	27,203
4	13	99 177	87 267,468	2 403 243,313	27,539	27,075
5	14	99 157	84 503,583	2 315 975,846	27,407	26,943
6	15	99 138	81 827,897	2 231 472,263	27,270	26,807
7	16	99 117	79 235,354	2 149 644,366	27,130	26,666
8	17	99 094	76 723,354	2 070 409,012	26,985	26,522
9	18	99 072	74 291,861	1 993 685,658	26,836	26,372
10	19	99 045	71 933,444	1 919 393,797	26,683	26,219
11	20	99 020	69 651,499	1 847 460,353	26,524	26,061
12	21	98 994	67 441,387	1 777 808,854	26,361	25,897
13	22	98 970	65 303,268	1 710 367,468	26,191	25,728
14	23	98 945	63 231,356	1 645 064,200	26,017	25,553
15	24	98 914	61 221,695	1 581 832,844	25,838	25,374
16	25	98 880	59 274,473	1 520 611,149	25,654	25,190
17	26	98 837	57 383,566	1 461 336,676	25,466	25,002
18	27	98 791	55 551,577	1 403 953,110	25,273	24,809
19	28	98 732	53 770,791	1 348 401,533	25,077	24,613
20	29	98 669	52 045,271	1 294 630,742	24,875	24,411
21	30	98 601	50 372,236	1 242 585,471	24,668	24,204
22	31	98 530	48 751,433	1 192 213,235	24,455	23,991
23	32	98 454	47 180,645	1 143 461,802	24,236	23,772
24	33	98 380	45 661,175	1 096 281,157	24,009	23,545
25	34	98 298	44 186,970	1 050 619,982	23,777	23,313
26	35	98 215	42 759,989	1 006 433,012	23,537	23,073
27	36	98 130	41 377,969	963 673,023	23,290	22,826
28	37	98 039	40 038,641	922 295,054	23,035	22,571
29	38	97 945	38 741,145	882 256,413	22,773	22,309
30	39	97 835	37 479,494	843 515,268	22,506	22,042
31	40	97 722	36 257,564	806 035,775	22,231	21,767
32	41	97 594	35 070,593	769 778,211	21,949	21,486
33	42	97 460	33 920,013	734 707,617	21,660	21,196
34	43	97 312	32 802,218	700 787,604	21,364	20,900
35	44	97 149	31 716,428	667 985,387	21,061	20,598
36	45	96 976	30 663,656	636 268,959	20,750	20,286
37	46	96 781	29 638,741	605 605,303	20,433	19,969
38	47	96 569	28 642,760	575 966,562	20,109	19,645
39	48	96 334	27 673,580	547 323,803	19,778	19,314
40	49	96 073	26 729,965	519 650,223	19,441	18,977
41	50	95 786	25 811,343	492 920,258	19,097	18,633
42	51	95 481	24 919,270	467 108,915	18,745	18,281
43	52	95 139	24 048,474	442 189,645	18,387	17,924
44	53	94 771	23 201,383	418 141,170	18,022	17,559
45	54	94 358	22 373,076	394 939,787	17,652	17,189
46	55	93 901	21 563,924	372 566,711	17,277	16,814
47	56	93 392	20 772,010	351 002,788	16,898	16,434
48	57	92 838	19 998,740	330 230,778	16,513	16,049
49	58	92 228	19 241,999	310 232,038	16,123	15,659
50	59	91 554	18 500,129	290 990,039	15,729	15,265
51	60	90 820	17 774,191	272 489,910	15,331	14,867
52	61	90 007	17 060,496	254 715,719	14,930	14,467
53	62	89 124	16 361,502	237 655,223	14,525	14,062
54	63	88 162	15 675,301	221 293,721	14,117	13,654
55	64	87 101	14 999,263	205 618,420	13,709	13,245
56	65	85 939	14 333,323	190 619,157	13,299	12,835
57	66	84 692	13 680,789	176 285,834	12,886	12,422
58	67	83 335	13 037,756	162 605,045	12,472	12,008
59	68	81 871	12 405,613	149 567,289	12,056	11,593
60	69	80 290	11 783,118	137 161,676	11,641	11,177
61	70	78 582	11 169,458	125 378,558	11,225	10,761
62	71	76 753	10 565,995	114 209,100	10,809	10,345
63	72	74 797	9 972,668	103 643,106	10,393	9,929
64	73	72 733	9 392,181	93 670,438	9,973	9,510
65	74	70 519	8 819,694	84 278,257	9,556	9,092
66	75	68 193	8 260,281	75 458,563	9,135	8,671
67	76	65 771	7 716,118	67 198,283	8,709	8,245
68	77	63 194	7 180,481	59 482,165	8,284	7,820
69	78	60 507	6 658,756	52 301,684	7,855	7,391
70	79	57 605	6 139,803	45 642,929	7,434	6,970
71	80	54 551	5 631,275	39 503,125	7,015	6,551
72	81	51 267	5 125,674	33 871,850	6,608	6,145
73	82	47 794	4 628,047	28 746,177	6,211	5,748
74	83	44 128	4 138,547	24 118,129	5,828	5,364
75	84	40 331	3 663,430	19 979,583	5,454	4,990
76	85	36 436	3 205,390	16 316,152	5,090	4,627
77	86	32 411	2 761,547	13 110,763	4,748	4,284
78	87	28 381	2 342,092	10 349,215	4,419	3,955
79	88	24 383	1 948,824	8 007,123	4,109	3,645
80	89	20 508	1 587,548	6 058,299	3,816	3,353
81	90	16 845	1 262,915	4 470,751	3,540	3,076
82	91	13 434	975,483	3 207,836	3,288	2,825
83	92	10 370	729,264	2 232,353	3,061	2,597
84	93	7 739	527,125	1 503,088	2,851	2,388
85	94	5 559	366,693	975,963	2,662	2,198
86	95	3 831	244,787	609,270	2,489	2,025
87	96	2 526	156,301	364,483	2,332	1,868
88	97	1 566	93,853	208,182	2,218	1,755
89	98	934	54,243	114,329	2,108	1,644
90	99	536	30,128	60,086	1,994	1,531
91	100	291	15,834	29,958	1,892	1,428

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 607	99 607,197	2 774 883,416	27,858	27,395
1	11	99 247	96 122,581	2 675 276,219	27,832	27,368
2	12	99 211	93 064,000	2 579 153,638	27,714	27,250
3	13	99 188	90 113,477	2 486 089,638	27,588	27,125
4	14	99 168	87 259,246	2 395 976,161	27,458	26,995
5	15	99 148	84 495,791	2 308 716,915	27,323	26,860
6	16	99 126	81 817,941	2 224 221,124	27,185	26,721
7	17	99 103	79 223,687	2 142 403,183	27,042	26,579
8	18	99 081	76 712,907	2 063 179,496	26,895	26,431
9	19	99 053	74 277,224	1 986 466,589	26,744	26,280
10	20	99 027	71 920,871	1 912 189,365	26,587	26,124
11	21	99 001	69 638,622	1 840 268,494	26,426	25,962
12	22	98 977	67 430,266	1 770 629,872	26,259	25,795
13	23	98 954	65 292,636	1 703 199,607	26,086	25,622
14	24	98 927	63 219,977	1 637 906,971	25,908	25,444
15	25	98 896	61 210,679	1 574 686,994	25,726	25,262
16	26	98 861	59 263,198	1 513 476,315	25,538	25,075
17	27	98 818	57 372,766	1 454 213,117	25,347	24,883
18	28	98 770	55 539,623	1 396 840,351	25,150	24,687
19	29	98 709	53 758,120	1 341 300,728	24,951	24,487
20	30	98 644	52 031,803	1 287 542,608	24,745	24,282
21	31	98 570	50 356,262	1 235 510,805	24,535	24,072
22	32	98 499	48 736,125	1 185 154,543	24,318	23,854
23	33	98 421	47 164,479	1 136 418,417	24,095	23,631
24	34	98 345	45 644,722	1 089 253,938	23,864	23,400
25	35	98 258	44 169,031	1 043 609,217	23,628	23,164
26	36	98 175	42 742,366	999 440,186	23,383	22,919
27	37	98 085	41 358,997	956 697,820	23,132	22,668
28	38	97 993	40 019,636	915 338,823	22,872	22,409
29	39	97 886	38 717,774	875 319,187	22,608	22,144
30	40	97 776	37 456,963	836 601,412	22,335	21,871
31	41	97 655	36 232,702	799 144,449	22,056	21,592
32	42	97 522	35 044,632	762 911,747	21,770	21,306
33	43	97 383	33 893,089	727 867,115	21,475	21,012
34	44	97 223	32 772,431	693 974,026	21,176	20,712
35	45	97 054	31 685,644	661 201,595	20,868	20,404
36	46	96 865	30 628,324	629 515,951	20,553	20,090
37	47	96 664	29 602,655	598 887,627	20,231	19,767
38	48	96 437	28 603,511	569 284,972	19,903	19,439
39	49	96 180	27 629,467	540 681,461	19,569	19,105
40	50	95 905	26 683,239	513 051,994	19,228	18,764
41	51	95 609	25 763,510	486 368,755	18,878	18,415
42	52	95 277	24 865,876	460 605,246	18,524	18,060
43	53	94 917	23 992,370	435 739,370	18,162	17,698
44	54	94 528	23 141,810	411 747,000	17,792	17,329
45	55	94 085	22 308,447	388 605,190	17,420	16,956
46	56	93 596	21 493,939	366 296,744	17,042	16,578
47	57	93 058	20 697,709	344 802,805	16,659	16,195
48	58	92 474	19 920,262	324 105,095	16,270	15,806
49	59	91 827	19 158,307	304 184,833	15,877	15,414
50	60	91 123	18 413,061	285 026,526	15,480	15,016
51	61	90 341	17 680,415	266 613,465	15,080	14,616
52	62	89 495	16 963,492	248 933,050	14,675	14,211
53	63	88 578	16 261,133	231 969,558	14,265	13,802
54	64	87 567	15 569,510	215 708,425	13,855	13,391
55	65	86 450	14 887,178	200 138,914	13,444	12,980
56	66	85 254	14 219,081	185 251,736	13,028	12,565
57	67	83 950	13 560,916	171 032,656	12,612	12,149
58	68	82 545	12 914,129	157 471,740	12,194	11,730
59	69	81 014	12 275,780	144 557,611	11,776	11,312
60	70	79 363	11 646,969	132 281,831	11,358	10,894
61	71	77 592	11 028,736	120 634,861	10,938	10,475
62	72	75 701	10 421,222	109 606,125	10,518	10,054
63	73	73 689	9 824,937	99 184,904	10,095	9,632
64	74	71 539	9 237,998	89 359,967	9,673	9,209
65	75	69 261	8 662,322	80 121,970	9,249	8,786
66	76	66 881	8 101,424	71 459,647	8,821	8,357
67	77	64 352	7 549,713	63 358,223	8,392	7,929
68	78	61 690	7 009,610	55 808,511	7,962	7,498
69	79	58 846	6 475,986	48 798,900	7,535	7,072
70	80	55 795	5 946,924	42 322,914	7,117	6,653
71	81	52 562	5 425,950	36 375,990	6,704	6,240
72	82	49 079	4 906,942	30 950,040	6,307	5,844
73	83	45 434	4 399,519	26 043,098	5,920	5,456
74	84	41 625	3 903,844	21 643,579	5,544	5,081
75	85	37 703	3 424,710	17 739,736	5,180	4,716
76	86	33 662	2 961,381	14 315,026	4,834	4,370
77	87	29 585	2 520,796	11 353,645	4,504	4,040
78	88	25 545	2 108,011	8 832,849	4,190	3,727
79	89	21 598	1 726,264	6 724,839	3,896	3,432
80	90	17 852	1 381,932	4 998,575	3,617	3,153
81	91	14 361	1 076,665	3 616,642	3,359	2,895
82	92	11 182	811,959	2 539,977	3,128	2,665
83	93	8 425	592,526	1 728,018	2,916	2,453
84	94	6 122	416,969	1 135,492	2,723	2,260
85	95	4 279	282,293	718,523	2,545	2,082
86	96	2 863	182,911	436,230	2,385	1,921
87	97	1 804	111,653	253,319	2,269	1,805
88	98	1 098	65,789	141,666	2,153	1,690
89	99	642	37,259	75,877	2,036	1,573
90	100	355	19,976	38,618	1,933	1,470

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 601	99 601,371	2 767 162,485	27,782	27,319
1	12	99 239	96 115,148	2 667 561,114	27,754	27,290
2	13	99 204	93 056,692	2 571 445,966	27,633	27,169
3	14	99 179	90 104,987	2 478 389,274	27,506	27,042
4	15	99 159	87 251,200	2 388 284,287	27,373	26,909
5	16	99 136	84 485,511	2 301 033,087	27,236	26,772
6	17	99 112	81 805,893	2 216 547,576	27,095	26,632
7	18	99 089	79 212,899	2 134 741,682	26,949	26,486
8	19	99 061	76 697,793	2 055 528,783	26,800	26,337
9	20	99 035	74 264,241	1 978 830,990	26,646	26,182
10	21	99 009	71 907,574	1 904 566,748	26,486	26,023
11	22	98 985	69 627,138	1 832 659,174	26,321	25,857
12	23	98 961	67 419,288	1 763 032,036	26,150	25,687
13	24	98 937	65 280,885	1 695 612,748	25,974	25,510
14	25	98 909	63 208,601	1 630 331,863	25,793	25,329
15	26	98 877	61 199,035	1 567 123,261	25,607	25,143
16	27	98 843	59 252,045	1 505 924,226	25,416	24,952
17	28	98 797	57 360,421	1 446 672,182	25,221	24,757
18	29	98 746	55 526,536	1 389 311,761	25,021	24,557
19	30	98 683	53 744,209	1 333 785,226	24,817	24,354
20	31	98 613	52 015,302	1 280 041,016	24,609	24,145
21	32	98 539	50 340,450	1 228 025,714	24,394	23,931
22	33	98 465	48 719,427	1 177 685,264	24,173	23,709
23	34	98 385	47 147,484	1 128 965,837	23,945	23,482
24	35	98 305	45 626,190	1 081 818,353	23,710	23,247
25	36	98 218	44 150,827	1 036 192,163	23,469	23,006
26	37	98 130	42 722,769	992 041,335	23,220	22,757
27	38	98 038	41 339,366	949 318,567	22,964	22,500
28	39	97 934	39 995,494	907 979,201	22,702	22,238
29	40	97 828	38 694,499	867 983,707	22,432	21,968
30	41	97 709	37 431,279	829 289,208	22,155	21,691
31	42	97 582	36 205,881	791 857,929	21,871	21,407
32	43	97 445	35 016,815	755 652,048	21,580	21,116
33	44	97 295	33 862,312	720 635,233	21,281	20,818
34	45	97 129	32 740,623	686 772,922	20,976	20,513
35	46	96 942	31 649,135	654 032,299	20,665	20,201
36	47	96 747	30 591,034	622 383,163	20,345	19,882
37	48	96 531	29 562,091	591 792,130	20,019	19,555
38	49	96 283	28 557,915	562 230,039	19,687	19,224
39	50	96 012	27 581,169	533 672,124	19,349	18,886
40	51	95 727	26 633,789	506 090,955	19,002	18,538
41	52	95 404	25 708,306	479 457,166	18,650	18,186
42	53	95 054	24 807,864	453 748,860	18,291	17,827
43	54	94 674	23 930,766	428 940,996	17,924	17,461
44	55	94 255	23 074,960	405 010,230	17,552	17,088
45	56	93 780	22 236,046	381 935,270	17,176	16,713
46	57	93 262	21 417,056	359 699,224	16,795	16,331
47	58	92 693	20 616,489	338 282,168	16,408	15,945
48	59	92 071	19 833,621	317 665,679	16,017	15,553
49	60	91 395	19 068,142	297 832,059	15,619	15,156
50	61	90 642	18 315,914	278 763,917	15,220	14,756
51	62	89 827	17 579,886	260 448,003	14,815	14,351
52	63	88 946	16 859,430	242 868,117	14,405	13,942
53	64	87 980	16 151,389	226 008,686	13,993	13,530
54	65	86 912	15 453,164	209 857,297	13,580	13,117
55	66	85 761	14 768,521	194 404,133	13,163	12,700
56	67	84 507	14 094,491	179 635,612	12,745	12,281
57	68	83 154	13 432,328	165 541,121	12,324	11,860
58	69	81 681	12 778,974	152 108,793	11,903	11,439
59	70	80 078	12 133,938	139 329,819	11,483	11,019
60	71	78 363	11 500,231	127 195,880	11,060	10,597
61	72	76 529	10 877,623	115 695,649	10,636	10,172
62	73	74 580	10 266,846	104 818,026	10,209	9,746
63	74	72 479	9 663,649	94 551,180	9,784	9,321
64	75	70 262	9 073,162	84 887,531	9,356	8,892
65	76	67 929	8 495,734	75 814,369	8,924	8,460
66	77	65 439	7 926,709	67 318,635	8,493	8,029
67	78	62 821	7 370,056	59 391,926	8,059	7,595
68	79	59 997	6 817,210	52 021,870	7,631	7,167
69	80	56 998	6 272,546	45 204,659	7,207	6,743
70	81	53 761	5 730,091	38 932,113	6,794	6,331
71	82	50 319	5 194,404	33 202,022	6,392	5,928
72	83	46 655	4 664,642	28 007,618	6,004	5,541
73	84	42 857	4 150,016	23 342,976	5,625	5,161
74	85	38 913	3 649,457	19 192,961	5,259	4,796
75	86	34 833	3 164,005	15 543,504	4,913	4,449
76	87	30 727	2 703,208	12 379,499	4,580	4,116
77	88	26 628	2 268,854	9 676,291	4,265	3,801
78	89	22 627	1 867,272	7 407,438	3,967	3,503
79	90	18 801	1 502,682	5 540,166	3,687	3,223
80	91	15 219	1 178,130	4 037,484	3,427	2,963
81	92	11 953	896,179	2 859,354	3,191	2,727
82	93	9 085	659,715	1 963,175	2,976	2,512
83	94	6 665	468,703	1 303,460	2,781	2,317
84	95	4 713	320,997	834,756	2,601	2,137
85	96	3 197	210,936	513,759	2,436	1,972
86	97	2 045	130,662	302,823	2,318	1,854
87	98	1 265	78,267	172,161	2,200	1,736
88	99	754	45,189	93,895	2,078	1,614
89	100	426	24,704	48,705	1,972	1,508

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 594	99 593,669	2 759 003,127	27,703	27,239
1	13	99 231	96 107,600	2 659 409,458	27,671	27,208
2	14	99 194	93 047,925	2 563 301,858	27,548	27,085
3	15	99 170	90 096,679	2 470 253,933	27,418	26,954
4	16	99 147	87 240,584	2 380 157,254	27,283	26,819
5	17	99 122	84 473,071	2 292 916,669	27,144	26,680
6	18	99 098	81 794,754	2 208 443,599	27,000	26,536
7	19	99 070	79 197,293	2 126 648,844	26,853	26,389
8	20	99 044	76 684,387	2 047 451,551	26,700	26,236
9	21	99 017	74 250,511	1 970 767,164	26,542	26,079
10	22	98 993	71 895,717	1 896 516,652	26,379	25,915
11	23	98 969	69 615,802	1 824 620,935	26,210	25,746
12	24	98 943	67 407,155	1 755 005,133	26,036	25,572
13	25	98 919	65 269,139	1 687 597,978	25,856	25,392
14	26	98 890	63 196,577	1 622 328,839	25,671	25,208
15	27	98 858	61 187,518	1 559 132,262	25,481	25,018
16	28	98 821	59 239,294	1 497 944,744	25,286	24,823
17	29	98 774	57 346,904	1 438 705,450	25,088	24,624
18	30	98 721	55 512,167	1 381 358,546	24,884	24,420
19	31	98 652	53 727,165	1 325 846,379	24,677	24,214
20	32	98 582	51 998,970	1 272 119,213	24,464	24,001
21	33	98 505	50 323,202	1 220 120,243	24,246	23,782
22	34	98 430	48 701,872	1 169 797,042	24,020	23,556
23	35	98 345	47 128,342	1 121 095,170	23,788	23,325
24	36	98 264	45 607,386	1 073 966,828	23,548	23,084
25	37	98 173	44 130,584	1 028 359,441	23,303	22,839
26	38	98 083	42 702,490	984 228,857	23,049	22,585
27	39	97 979	41 314,428	941 526,367	22,789	22,326
28	40	97 875	39 971,451	900 211,939	22,521	22,058
29	41	97 760	38 667,967	860 240,489	22,247	21,783
30	42	97 637	37 403,570	821 572,522	21,965	21,501
31	43	97 505	36 177,142	784 168,952	21,676	21,212
32	44	97 356	34 985,017	747 991,810	21,380	20,917
33	45	97 200	33 829,446	713 006,793	21,077	20,613
34	46	97 017	32 702,898	679 177,347	20,768	20,304
35	47	96 824	31 610,602	646 474,449	20,451	19,988
36	48	96 614	30 549,115	614 863,847	20,127	19,663
37	49	96 377	29 514,967	584 314,733	19,797	19,334
38	50	96 115	28 507,994	554 799,765	19,461	18,998
39	51	95 834	27 530,055	526 291,772	19,117	18,653
40	52	95 522	26 576,721	498 761,716	18,767	18,303
41	53	95 181	25 648,330	472 184,995	18,410	17,946
42	54	94 810	24 744,166	446 536,665	18,046	17,583
43	55	94 400	23 861,637	421 792,500	17,677	17,213
44	56	93 949	23 000,071	397 930,863	17,301	16,838
45	57	93 445	22 156,508	374 930,791	16,922	16,458
46	58	92 896	21 333,013	352 774,283	16,537	16,073
47	59	92 290	20 526,819	331 441,270	16,147	15,683
48	60	91 638	19 740,277	310 914,451	15,750	15,287
49	61	90 913	18 967,539	291 174,175	15,351	14,888
50	62	90 127	18 211,772	272 206,636	14,947	14,483
51	63	89 276	17 472,043	253 994,864	14,537	14,074
52	64	88 346	16 745,648	236 522,820	14,124	13,661
53	65	87 322	16 030,695	219 777,172	13,710	13,246
54	66	86 219	15 329,996	203 746,478	13,291	12,827
55	67	85 010	14 639,117	188 416,482	12,871	12,407
56	68	83 706	13 960,844	173 777,365	12,447	11,984
57	69	82 284	13 291,750	159 816,520	12,024	11,560
58	70	80 737	12 631,318	146 524,770	11,600	11,136
59	71	79 070	11 981,065	133 893,452	11,175	10,712
60	72	77 289	11 342,658	121 912,387	10,748	10,285
61	73	75 396	10 716,486	110 569,729	10,318	9,854
62	74	73 355	10 098,304	99 853,243	9,888	9,424
63	75	71 186	9 491,219	89 754,939	9,457	8,993
64	76	68 911	8 898,673	80 263,720	9,020	8,556
65	77	66 464	8 312,515	71 365,047	8,585	8,122
66	78	63 882	7 738,081	63 052,532	8,148	7,685
67	79	61 097	7 167,762	55 314,451	7,717	7,253
68	80	58 112	6 603,051	48 146,688	7,292	6,828
69	81	54 920	6 043,840	41 543,637	6,874	6,410
70	82	51 467	5 485,566	35 499,797	6,471	6,008
71	83	47 834	4 937,910	30 014,231	6,078	5,615
72	84	44 010	4 400,103	25 076,321	5,699	5,235
73	85	40 065	3 879,588	20 676,218	5,329	4,866
74	86	35 951	3 371,643	16 796,630	4,982	4,518
75	87	31 796	2 888,167	13 424,987	4,648	4,185
76	88	27 656	2 433,034	10 536,820	4,331	3,867
77	89	23 587	2 009,746	8 103,786	4,032	3,569
78	90	19 697	1 625,426	6 094,040	3,749	3,286
79	91	16 028	1 281,072	4 468,614	3,488	3,025
80	92	12 668	980,635	3 187,541	3,250	2,787
81	93	9 712	728,144	2 206,906	3,031	2,567
82	94	7 187	521,851	1 478,762	2,834	2,370
83	95	5 131	360,824	956,911	2,652	2,188
84	96	3 521	239,857	596,087	2,485	2,022
85	97	2 284	150,682	356,230	2,364	1,901
86	98	1 434	91,591	205,548	2,244	1,781
87	99	869	53,760	113,957	2,120	1,656
88	100	500	29,962	60,197	2,009	1,545

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 586	99 585,848	2 750 397,076	27,618	27,155
1	14	99 222	96 098,546	2 650 811,228	27,584	27,121
2	15	99 185	93 039,345	2 554 712,682	27,458	26,995
3	16	99 158	90 085,717	2 461 673,337	27,326	26,862
4	17	99 132	87 227,738	2 371 587,620	27,188	26,725
5	18	99 108	84 461,569	2 284 359,881	27,046	26,583
6	19	99 079	81 778,640	2 199 898,312	26,901	26,437
7	20	99 052	79 183,450	2 118 119,673	26,750	26,286
8	21	99 026	76 670,210	2 038 936,223	26,594	26,130
9	22	99 001	74 238,268	1 962 266,013	26,432	25,968
10	23	98 977	71 884,012	1 888 027,745	26,265	25,801
11	24	98 951	69 603,274	1 816 143,733	26,093	25,629
12	25	98 926	67 395,026	1 746 540,459	25,915	25,451
13	26	98 900	65 256,723	1 679 145,434	25,731	25,268
14	27	98 872	63 184,684	1 613 888,710	25,542	25,079
15	28	98 837	61 174,351	1 550 704,027	25,349	24,885
16	29	98 798	59 225,335	1 489 529,675	25,150	24,687
17	30	98 748	57 332,064	1 430 304,340	24,948	24,484
18	31	98 690	55 494,562	1 372 972,276	24,741	24,277
19	32	98 621	53 710,295	1 317 477,713	24,529	24,066
20	33	98 548	51 981,153	1 263 767,418	24,312	23,848
21	34	98 470	50 305,069	1 211 786,265	24,089	23,625
22	35	98 390	48 682,099	1 161 481,196	23,858	23,395
23	36	98 305	47 108,919	1 112 799,097	23,622	23,158
24	37	98 219	45 586,475	1 065 690,178	23,377	22,914
25	38	98 126	44 109,637	1 020 103,702	23,127	22,663
26	39	98 024	42 676,729	975 994,065	22,869	22,406
27	40	97 920	41 289,592	933 317,336	22,604	22,141
28	41	97 808	39 944,043	892 027,744	22,332	21,868
29	42	97 688	38 639,342	852 083,701	22,052	21,589
30	43	97 560	37 373,881	813 444,359	21,765	21,301
31	44	97 416	36 144,291	776 070,479	21,471	21,008
32	45	97 262	34 951,062	739 926,188	21,170	20,707
33	46	97 088	33 790,466	704 975,126	20,863	20,400
34	47	96 899	32 663,082	671 184,660	20,549	20,085
35	48	96 692	31 567,286	638 521,578	20,227	19,764
36	49	96 460	30 500,418	606 954,293	19,900	19,436
37	50	96 209	29 463,373	576 453,875	19,565	19,101
38	51	95 936	28 455,163	546 990,502	19,223	18,759
39	52	95 629	27 471,067	518 535,339	18,876	18,412
40	53	95 299	26 514,719	491 064,272	18,520	18,057
41	54	94 937	25 582,473	464 549,554	18,159	17,695
42	55	94 536	24 672,688	438 967,081	17,792	17,328
43	56	94 094	23 784,195	414 294,393	17,419	16,955
44	57	93 613	22 917,801	390 510,198	17,040	16,576
45	58	93 078	22 069,563	367 592,397	16,656	16,192
46	59	92 492	21 240,227	345 522,834	16,267	15,804
47	60	91 856	20 430,213	324 282,607	15,873	15,409
48	61	91 155	19 636,128	303 852,394	15,474	15,011
49	62	90 396	18 859,692	284 216,267	15,070	14,606
50	63	89 574	18 100,053	265 356,575	14,661	14,197
51	64	88 674	17 354,126	247 256,522	14,248	13,784
52	65	87 685	16 620,513	229 902,396	13,832	13,369
53	66	86 626	15 902,923	213 281,882	13,411	12,948
54	67	85 464	15 195,673	197 378,959	12,989	12,526
55	68	84 204	14 500,306	182 183,287	12,564	12,100
56	69	82 830	13 814,735	167 682,981	12,138	11,674
57	70	81 333	13 138,169	153 868,246	11,712	11,248
58	71	79 720	12 472,179	140 730,077	11,284	10,820
59	72	77 986	11 816,903	128 257,898	10,854	10,390
60	73	76 144	11 174,632	116 440,995	10,420	9,956
61	74	74 158	10 540,563	105 266,362	9,987	9,523
62	75	72 047	9 918,118	94 725,800	9,551	9,087
63	76	69 817	9 308,689	84 807,682	9,111	8,647
64	77	67 425	8 706,765	75 498,992	8,671	8,208
65	78	64 882	8 114,707	66 792,227	8,231	7,767
66	79	62 128	7 525,686	58 677,521	7,797	7,333
67	80	59 177	6 942,591	51 151,834	7,368	6,904
68	81	55 994	6 362,294	44 209,243	6,949	6,485
69	82	52 576	5 785,926	37 846,949	6,541	6,078
70	83	48 925	5 214,694	32 061,023	6,148	5,685
71	84	45 121	4 657,874	26 846,329	5,764	5,300
72	85	41 142	4 113,379	22 188,455	5,394	4,931
73	86	37 015	3 584,255	18 075,076	5,043	4,579
74	87	32 816	3 077,703	14 490,821	4,708	4,245
75	88	28 618	2 599,508	11 413,118	4,390	3,927
76	89	24 498	2 155,177	8 813,610	4,090	3,626
77	90	20 532	1 749,448	6 658,433	3,806	3,342
78	91	16 792	1 385,715	4 908,985	3,543	3,079
79	92	13 341	1 066,320	3 523,271	3,304	2,841
80	93	10 293	796,764	2 456,950	3,084	2,620
81	94	7 683	575,981	1 660,186	2,882	2,419
82	95	5 533	401,739	1 084,205	2,699	2,235
83	96	3 834	269,616	682,466	2,531	2,068
84	97	2 516	171,341	412,850	2,410	1,946
85	98	1 601	105,625	241,509	2,286	1,823
86	99	985	62,912	135,884	2,160	1,696
87	100	576	35,645	72,972	2,047	1,584

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	14	99 576	99 576,466	2 741 334,353	27,530	27,066
1	15	99 213	96 089,685	2 641 757,887	27,493	27,029
2	16	99 173	93 028,026	2 545 668,202	27,365	26,901
3	17	99 143	90 072,452	2 452 640,177	27,230	26,766
4	18	99 119	87 215,861	2 362 567,724	27,089	26,625
5	19	99 089	84 444,928	2 275 351,863	26,945	26,481
6	20	99 061	81 764,345	2 190 906,935	26,795	26,332
7	21	99 034	79 168,811	2 109 142,589	26,641	26,177
8	22	99 009	76 657,567	2 029 973,778	26,481	26,017
9	23	98 985	74 226,181	1 953 316,211	26,316	25,852
10	24	98 959	71 871,075	1 879 090,030	26,145	25,682
11	25	98 933	69 590,750	1 807 218,955	25,969	25,506
12	26	98 907	67 382,205	1 737 628,205	25,788	25,324
13	27	98 881	65 244,442	1 670 246,000	25,600	25,136
14	28	98 851	63 171,088	1 605 001,558	25,407	24,944
15	29	98 814	61 159,936	1 541 830,470	25,210	24,746
16	30	98 773	59 210,009	1 480 670,534	25,007	24,543
17	31	98 717	57 313,883	1 421 460,525	24,801	24,338
18	32	98 659	55 477,137	1 364 146,642	24,589	24,126
19	33	98 587	53 691,892	1 308 669,504	24,374	23,910
20	34	98 512	51 962,423	1 254 977,612	24,152	23,688
21	35	98 430	50 284,645	1 203 015,189	23,924	23,460
22	36	98 349	48 662,035	1 152 730,544	23,688	23,225
23	37	98 260	47 087,320	1 104 068,509	23,447	22,984
24	38	98 173	45 564,837	1 056 981,189	23,197	22,734
25	39	98 067	44 083,028	1 011 416,351	22,943	22,480
26	40	97 965	42 651,074	967 333,323	22,680	22,217
27	41	97 853	41 261,280	924 682,249	22,410	21,947
28	42	97 735	39 914,474	883 420,969	22,133	21,669
29	43	97 611	38 608,672	843 506,496	21,848	21,384
30	44	97 471	37 339,943	804 897,824	21,556	21,092
31	45	97 322	36 109,210	767 557,881	21,257	20,793
32	46	97 150	34 910,790	731 448,671	20,952	20,488
33	47	96 970	33 749,326	696 537,882	20,639	20,175
34	48	96 766	32 618,324	662 788,556	20,320	19,856
35	49	96 538	31 516,966	630 170,232	19,995	19,531
36	50	96 292	30 447,101	598 653,266	19,662	19,198
37	51	96 030	29 408,771	568 206,165	19,321	18,857
38	52	95 731	28 394,192	538 797,394	18,976	18,512
39	53	95 406	27 406,978	510 403,202	18,623	18,159
40	54	95 055	26 446,638	482 996,224	18,263	17,799
41	55	94 663	25 508,573	456 549,587	17,898	17,434
42	56	94 230	24 592,614	431 041,014	17,527	17,064
43	57	93 757	23 699,120	406 448,400	17,150	16,687
44	58	93 246	22 827,869	382 749,280	16,767	16,303
45	59	92 673	21 973,574	359 921,412	16,380	15,916
46	60	92 056	21 140,263	337 947,838	15,986	15,522
47	61	91 371	20 322,424	316 807,576	15,589	15,125
48	62	90 636	19 524,479	296 485,152	15,185	14,722
49	63	89 841	18 743,998	276 960,673	14,776	14,312
50	64	88 970	17 977,898	258 216,675	14,363	13,899
51	65	88 011	17 224,445	240 238,777	13,948	13,484
52	66	86 987	16 488,040	223 014,333	13,526	13,062
53	67	85 867	15 763,580	206 526,292	13,101	12,638
54	68	84 654	15 051,584	190 762,712	12,674	12,210
55	69	83 322	14 348,550	175 711,128	12,246	11,782
56	70	81 873	13 655,111	161 362,578	11,817	11,353
57	71	80 309	12 972,644	147 707,467	11,386	10,922
58	72	78 627	12 301,288	134 734,823	10,953	10,489
59	73	76 831	11 641,853	122 433,535	10,517	10,053
60	74	74 894	10 991,188	110 791,682	10,080	9,616
61	75	72 835	10 352,485	99 800,494	9,640	9,177
62	76	70 661	9 727,379	89 448,009	9,195	8,732
63	77	68 312	9 107,939	79 720,630	8,753	8,289
64	78	65 820	8 499,574	70 612,691	8,308	7,844
65	79	63 101	7 891,974	62 113,117	7,870	7,407
66	80	60 177	7 289,271	54 221,143	7,438	6,975
67	81	57 020	6 689,454	46 931,872	7,016	6,552
68	82	53 604	6 090,791	40 242,418	6,607	6,143
69	83	49 980	5 500,223	34 151,627	6,209	5,746
70	84	46 151	4 918,961	28 651,404	5,825	5,361
71	85	42 181	4 354,352	23 732,443	5,450	4,987
72	86	38 010	3 800,249	19 378,091	5,099	4,636
73	87	33 788	3 271,780	15 577,842	4,761	4,298
74	88	29 537	2 770,101	12 306,062	4,442	3,979
75	89	25 350	2 302,639	9 535,961	4,141	3,678
76	90	21 325	1 876,043	7 233,322	3,856	3,392
77	91	17 504	1 491,446	5 357,280	3,592	3,128
78	92	13 977	1 153,421	3 865,834	3,352	2,888
79	93	10 840	866,383	2 712,412	3,131	2,667
80	94	8 142	630,261	1 846,029	2,929	2,465
81	95	5 914	443,410	1 215,768	2,742	2,278
82	96	4 134	300,189	772,358	2,573	2,109
83	97	2 739	192,599	472,169	2,452	1,988
84	98	1 763	120,107	279,570	2,328	1,864
85	99	1 100	72,552	159,463	2,198	1,734
86	100	653	41,713	86,911	2,084	1,620

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 567	99 567,285	2 731 806,404	27,437	26,973
1	16	99 201	96 077,994	2 632 239,120	27,397	26,933
2	17	99 159	93 014,328	2 536 161,126	27,266	26,803
3	18	99 130	90 060,188	2 443 146,798	27,128	26,664
4	19	99 099	87 198,678	2 353 086,610	26,985	26,522
5	20	99 071	84 430,168	2 265 887,932	26,837	26,374
6	21	99 043	81 749,229	2 181 457,764	26,685	26,221
7	22	99 018	79 155,756	2 099 708,535	26,526	26,063
8	23	98 993	76 645,086	2 020 552,779	26,362	25,899
9	24	98 967	74 212,823	1 943 907,692	26,194	25,730
10	25	98 941	71 858,143	1 869 694,869	26,019	25,556
11	26	98 914	69 577,512	1 797 836,726	25,839	25,376
12	27	98 888	67 369,524	1 728 259,214	25,653	25,190
13	28	98 860	65 230,403	1 660 889,690	25,462	24,998
14	29	98 827	63 156,202	1 595 659,287	25,265	24,802
15	30	98 788	61 144,110	1 532 503,086	25,064	24,600
16	31	98 741	59 191,232	1 471 358,976	24,858	24,394
17	32	98 686	57 295,886	1 412 167,744	24,647	24,183
18	33	98 625	55 458,129	1 354 871,857	24,431	23,967
19	34	98 552	53 672,545	1 299 413,728	24,210	23,746
20	35	98 472	51 941,326	1 245 741,183	23,984	23,520
21	36	98 389	50 263,921	1 193 799,857	23,751	23,287
22	37	98 304	48 639,724	1 143 535,935	23,510	23,047
23	38	98 213	47 064,969	1 094 896,211	23,264	22,800
24	39	98 114	45 537,350	1 047 831,242	23,010	22,547
25	40	98 008	44 056,528	1 002 293,892	22,750	22,287
26	41	97 898	42 621,829	958 237,364	22,482	22,019
27	42	97 781	41 230,736	915 615,535	22,207	21,743
28	43	97 658	39 882,791	874 384,800	21,924	21,460
29	44	97 522	38 573,613	834 502,009	21,634	21,170
30	45	97 376	37 303,701	795 928,396	21,336	20,873
31	46	97 210	36 067,604	758 624,695	21,033	20,570
32	47	97 031	34 868,285	722 557,091	20,722	20,259
33	48	96 837	33 703,079	687 688,806	20,404	19,941
34	49	96 612	32 566,328	653 985,727	20,082	19,618
35	50	96 369	31 461,872	621 419,398	19,752	19,288
36	51	96 113	30 390,676	589 957,526	19,412	18,949
37	52	95 825	29 345,757	559 566,850	19,068	18,604
38	53	95 507	28 327,949	530 221,093	18,717	18,254
39	54	95 161	27 336,605	501 893,143	18,360	17,896
40	55	94 780	26 370,241	474 556,538	17,996	17,532
41	56	94 355	25 425,786	448 186,296	17,627	17,164
42	57	93 893	24 504,647	422 760,510	17,252	16,789
43	58	93 389	23 606,122	398 255,864	16,871	16,407
44	59	92 840	22 728,581	374 649,742	16,484	16,020
45	60	92 237	21 870,158	351 921,161	16,091	15,628
46	61	91 571	21 028,727	330 051,003	15,695	15,232
47	62	90 851	20 206,873	309 022,276	15,293	14,829
48	63	90 080	19 404,707	288 815,403	14,884	14,420
49	64	89 235	18 617,497	269 410,696	14,471	14,007
50	65	88 305	17 843,555	250 793,199	14,055	13,591
51	66	87 310	17 087,158	232 949,644	13,633	13,169
52	67	86 224	16 343,570	215 862,486	13,208	12,744
53	68	85 053	15 614,106	199 518,916	12,778	12,314
54	69	83 768	14 894,059	183 904,810	12,348	11,884
55	70	82 360	14 182,759	169 010,750	11,917	11,453
56	71	80 841	13 483,073	154 827,992	11,483	11,020
57	72	79 208	12 794,896	141 344,919	11,047	10,583
58	73	77 463	12 119,061	128 550,023	10,607	10,144
59	74	75 570	11 450,738	116 430,961	10,168	9,704
60	75	73 558	10 795,070	104 980,223	9,725	9,261
61	76	71 434	10 153,393	94 185,153	9,276	8,813
62	77	69 137	9 517,599	84 031,760	8,829	8,365
63	78	66 686	8 891,202	74 514,161	8,381	7,917
64	79	64 014	8 266,278	65 622,959	7,939	7,475
65	80	61 119	7 644,052	57 356,681	7,503	7,040
66	81	57 983	7 023,493	49 712,630	7,078	6,614
67	82	54 586	6 403,989	42 689,136	6,666	6,202
68	83	50 957	5 790,034	36 285,148	6,267	5,803
69	84	47 145	5 188,297	30 495,114	5,878	5,414
70	85	43 143	4 598,426	25 306,816	5,503	5,040
71	86	38 970	4 022,879	20 708,390	5,148	4,684
72	87	34 696	3 468,943	16 685,512	4,810	4,346
73	88	30 411	2 944,780	13 216,568	4,488	4,025
74	89	26 163	2 453,750	10 271,788	4,186	3,723
75	90	22 067	2 004,406	7 818,038	3,900	3,437
76	91	18 180	1 599,371	5 813,632	3,635	3,171
77	92	14 570	1 241,428	4 214,261	3,395	2,931
78	93	11 356	937,153	2 972,833	3,172	2,709
79	94	8 575	685,332	2 035,680	2,970	2,507
80	95	6 268	485,197	1 350,348	2,783	2,319
81	96	4 419	331,326	865,152	2,611	2,148
82	97	2 953	214,439	533,826	2,489	2,026
83	98	1 920	135,009	319,386	2,366	1,902
84	99	1 211	82,499	184,378	2,235	1,771
85	100	729	48,104	101,879	2,118	1,654

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 555	99 555,170	2 721 802,749	27,340	26,876
1	17	99 186	96 063,847	2 622 247,579	27,297	26,833
2	18	99 145	93 001,662	2 526 183,732	27,163	26,699
3	19	99 110	90 042,445	2 433 182,069	27,023	26,559
4	20	99 082	87 183,437	2 343 139,625	26,876	26,412
5	21	99 053	84 414,559	2 255 956,188	26,725	26,261
6	22	99 027	81 735,749	2 171 541,629	26,568	26,104
7	23	99 002	79 142,869	2 089 805,881	26,405	25,942
8	24	98 975	76 631,293	2 010 663,012	26,238	25,775
9	25	98 949	74 199,469	1 934 031,718	26,065	25,602
10	26	98 922	71 844,474	1 859 832,249	25,887	25,423
11	27	98 896	69 564,418	1 787 987,775	25,703	25,239
12	28	98 867	67 355,027	1 718 423,358	25,513	25,049
13	29	98 837	65 215,032	1 651 068,330	25,317	24,854
14	30	98 802	63 139,859	1 585 853,299	25,117	24,653
15	31	98 757	61 124,719	1 522 713,440	24,912	24,448
16	32	98 710	59 172,646	1 461 588,721	24,700	24,237
17	33	98 652	57 276,255	1 402 416,074	24,485	24,021
18	34	98 589	55 438,146	1 345 139,819	24,264	23,800
19	35	98 512	53 650,755	1 289 701,673	24,039	23,575
20	36	98 432	51 919,920	1 236 050,919	23,807	23,343
21	37	98 344	50 240,875	1 184 130,999	23,569	23,105
22	38	98 258	48 616,636	1 133 890,124	23,323	22,859
23	39	98 154	47 036,577	1 085 273,487	23,073	22,609
24	40	98 055	45 509,976	1 038 236,910	22,813	22,350
25	41	97 941	44 026,318	992 726,934	22,548	22,085
26	42	97 825	42 590,278	948 700,616	22,275	21,811
27	43	97 703	41 198,008	906 110,338	21,994	21,530
28	44	97 569	39 846,575	864 912,330	21,706	21,242
29	45	97 427	38 536,174	825 065,755	21,410	20,947
30	46	97 264	37 260,719	786 529,581	21,109	20,645
31	47	97 091	36 023,691	749 268,863	20,799	20,336
32	48	96 898	34 820,505	713 245,172	20,483	20,020
33	49	96 683	33 649,355	678 424,667	20,162	19,698
34	50	96 443	32 509,400	644 775,312	19,834	19,370
35	51	96 190	31 403,567	612 265,912	19,497	19,033
36	52	95 907	30 325,558	580 862,345	19,154	18,691
37	53	95 601	29 277,295	550 536,787	18,804	18,341
38	54	95 262	28 255,213	521 259,492	18,448	17,985
39	55	94 886	27 257,638	493 004,280	18,087	17,623
40	56	94 472	26 284,658	465 746,641	17,719	17,256
41	57	94 018	25 334,839	439 461,983	17,346	16,883
42	58	93 524	24 408,487	414 127,144	16,967	16,503
43	59	92 983	23 503,449	389 718,657	16,581	16,118
44	60	92 403	22 621,612	366 215,208	16,189	15,725
45	61	91 750	21 754,772	343 593,596	15,794	15,330
46	62	91 050	20 909,160	321 838,824	15,392	14,929
47	63	90 294	20 082,915	300 929,663	14,984	14,521
48	64	89 472	19 273,747	280 846,749	14,571	14,108
49	65	88 568	18 478,374	261 573,002	14,156	13,692
50	66	87 601	17 701,334	243 094,627	13,733	13,269
51	67	86 545	16 937,439	225 393,294	13,307	12,844
52	68	85 407	16 188,597	208 455,855	12,877	12,413
53	69	84 163	15 450,694	192 267,258	12,444	11,980
54	70	82 800	14 721,964	176 816,564	12,010	11,547
55	71	81 322	14 004,073	162 094,600	11,575	11,111
56	72	79 733	13 298,331	148 090,527	11,136	10,672
57	73	78 035	12 605,358	134 792,196	10,693	10,230
58	74	76 191	11 920,113	122 186,838	10,250	9,787
59	75	74 221	11 246,421	110 266,725	9,805	9,341
60	76	72 143	10 587,466	99 020,304	9,353	8,889
61	77	69 893	9 934,425	88 432,838	8,902	8,438
62	78	67 492	9 291,113	78 498,413	8,449	7,985
63	79	64 856	8 647,156	69 207,300	8,003	7,540
64	80	62 003	8 006,597	60 560,144	7,564	7,100
65	81	58 891	7 365,338	52 553,546	7,135	6,672
66	82	55 508	6 723,774	45 188,208	6,721	6,257
67	83	51 891	6 087,767	38 464,434	6,318	5,855
68	84	48 067	5 461,673	32 376,668	5,928	5,464
69	85	44 073	4 850,212	26 914,995	5,549	5,086
70	86	39 859	4 248,373	22 064,784	5,194	4,730
71	87	35 573	3 672,164	17 816,411	4,852	4,388
72	88	31 228	3 122,238	14 144,247	4,530	4,067
73	89	26 938	2 608,481	11 022,009	4,225	3,762
74	90	22 775	2 135,945	8 413,528	3,939	3,475
75	91	18 813	1 708,804	6 277,583	3,674	3,210
76	92	15 132	1 331,261	4 568,779	3,432	2,968
77	93	11 838	1 008,658	3 237,518	3,210	2,746
78	94	8 983	741,312	2 228,860	3,007	2,543
79	95	6 601	527,592	1 487,548	2,820	2,356
80	96	4 684	362,550	959,956	2,648	2,184
81	97	3 157	236,682	597,405	2,524	2,060
82	98	2 070	150,318	360,724	2,400	1,936
83	99	1 319	92,735	210,406	2,269	1,805
84	100	803	54,700	117,671	2,151	1,688

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 541	99 540,511	2 711 315,911	27,238	26,775
1	18	99 172	96 050,766	2 611 775,400	27,192	26,728
2	19	99 125	92 983,340	2 515 724,634	27,056	26,592
3	20	99 093	90 026,706	2 422 741,294	26,911	26,448
4	21	99 064	87 167,318	2 332 714,588	26,761	26,298
5	22	99 037	84 400,639	2 245 547,270	26,606	26,142
6	23	99 011	81 722,441	2 161 146,631	26,445	25,981
7	24	98 984	79 128,626	2 079 424,189	26,279	25,815
8	25	98 957	76 617,504	2 000 295,563	26,108	25,644
9	26	98 930	74 185,355	1 923 678,059	25,931	25,467
10	27	98 904	71 830,953	1 849 492,704	25,748	25,284
11	28	98 875	69 549,449	1 777 661,751	25,560	25,096
12	29	98 844	67 339,156	1 708 112,303	25,366	24,902
13	30	98 811	65 198,156	1 640 773,147	25,166	24,702
14	31	98 770	63 119,836	1 575 574,991	24,962	24,498
15	32	98 726	61 105,526	1 512 455,155	24,752	24,288
16	33	98 676	59 152,372	1 451 349,629	24,536	24,072
17	34	98 616	57 255,617	1 392 197,258	24,315	23,852
18	35	98 549	55 415,638	1 334 941,641	24,090	23,626
19	36	98 471	53 628,644	1 279 526,003	23,859	23,395
20	37	98 387	51 896,115	1 225 897,359	23,622	23,159
21	38	98 297	50 217,028	1 174 001,245	23,379	22,915
22	39	98 198	48 587,308	1 123 784,217	23,129	22,666
23	40	98 095	47 008,302	1 075 196,908	22,872	22,409
24	41	97 987	45 478,770	1 028 188,607	22,608	22,144
25	42	97 868	43 993,727	982 709,837	22,337	21,874
26	43	97 748	42 556,471	938 716,110	22,058	21,595
27	44	97 614	41 160,598	896 159,639	21,772	21,309
28	45	97 474	39 807,901	854 999,041	21,478	21,014
29	46	97 315	38 491,771	815 191,140	21,178	20,715
30	47	97 146	37 215,353	776 699,369	20,870	20,407
31	48	96 958	35 974,327	739 484,016	20,556	20,092
32	49	96 744	34 765,000	703 509,689	20,236	19,773
33	50	96 514	33 590,533	668 744,689	19,909	19,445
34	51	96 264	32 449,154	635 154,156	19,574	19,110
35	52	95 984	31 336,279	602 705,002	19,233	18,770
36	53	95 683	30 254,810	571 368,724	18,885	18,422
37	54	95 356	29 202,120	541 113,914	18,530	18,066
38	55	94 987	28 173,592	511 911,794	18,170	17,706
39	56	94 578	27 169,175	483 738,202	17,805	17,341
40	57	94 134	26 190,639	456 569,027	17,433	16,969
41	58	93 649	25 235,422	430 378,388	17,055	16,591
42	59	93 117	24 302,325	405 142,966	16,671	16,207
43	60	92 546	23 392,833	380 840,641	16,280	15,817
44	61	91 916	22 502,261	357 447,808	15,885	15,421
45	62	91 229	21 631,077	334 945,547	15,484	15,021
46	63	90 491	20 780,894	313 314,470	15,077	14,613
47	64	89 685	19 947,377	292 533,575	14,665	14,202
48	65	88 804	19 129,721	272 586,198	14,249	13,786
49	66	87 862	18 331,093	253 456,477	13,827	13,363
50	67	86 833	17 546,233	235 125,384	13,400	12,937
51	68	85 724	16 776,834	217 579,151	12,969	12,505
52	69	84 513	16 019,173	200 802,317	12,535	12,071
53	70	83 191	15 272,167	184 783,145	12,099	11,636
54	71	81 757	14 536,485	169 510,977	11,661	11,197
55	72	80 208	13 812,192	154 974,492	11,220	10,756
56	73	78 552	13 101,335	141 162,300	10,775	10,311
57	74	76 754	12 398,426	128 060,965	10,329	9,865
58	75	74 832	11 707,420	115 662,539	9,879	9,416
59	76	72 794	11 030,137	103 955,118	9,425	8,961
60	77	70 587	10 359,137	92 924,982	8,970	8,507
61	78	68 230	9 698,021	82 565,844	8,514	8,050
62	79	65 639	9 036,091	72 867,823	8,064	7,600
63	80	62 818	8 375,510	63 831,733	7,621	7,158
64	81	59 742	7 714,665	55 456,223	7,188	6,725
65	82	56 378	7 051,031	47 741,558	6,771	6,307
66	83	52 767	6 391,761	40 690,527	6,366	5,902
67	84	48 948	5 742,521	34 298,766	5,973	5,509
68	85	44 935	5 105,773	28 556,246	5,593	5,129
69	86	40 718	4 480,991	23 450,473	5,233	4,770
70	87	36 384	3 878,000	18 969,482	4,892	4,428
71	88	32 017	3 305,148	15 091,482	4,566	4,102
72	89	27 662	2 765,672	11 786,335	4,262	3,798
73	90	23 449	2 270,636	9 020,662	3,973	3,509
74	91	19 416	1 820,944	6 750,027	3,707	3,243
75	92	15 659	1 422,349	4 929,082	3,465	3,002
76	93	12 295	1 081,648	3 506,733	3,242	2,778
77	94	9 364	797,875	2 425,086	3,039	2,576
78	95	6 915	570,688	1 627,211	2,851	2,388
79	96	4 932	394,229	1 056,523	2,680	2,216
80	97	3 346	258,987	662,294	2,557	2,094
81	98	2 213	165,910	403,308	2,431	1,967
82	99	1 422	103,251	237,398	2,299	1,836
83	100	874	61,486	134,147	2,182	1,718

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 527	99 526,958	2 700 337,840	27,132	26,668
1	19	99 153	96 031,843	2 600 810,882	27,083	26,619
2	20	99 108	92 967,087	2 504 779,040	26,943	26,479
3	21	99 074	90 010,062	2 411 811,953	26,795	26,331
4	22	99 047	87 152,945	2 321 801,891	26,641	26,177
5	23	99 021	84 386,898	2 234 648,946	26,481	26,017
6	24	98 993	81 707,734	2 150 262,048	26,317	25,853
7	25	98 966	79 114,388	2 068 554,314	26,146	25,683
8	26	98 939	76 602,930	1 989 439,926	25,971	25,507
9	27	98 912	74 171,393	1 912 836,996	25,789	25,326
10	28	98 882	71 815,496	1 838 665,603	25,603	25,139
11	29	98 851	69 533,060	1 766 850,107	25,410	24,947
12	30	98 818	67 321,730	1 697 317,047	25,212	24,748
13	31	98 780	65 177,480	1 629 995,316	25,009	24,545
14	32	98 739	63 100,016	1 564 817,837	24,799	24,335
15	33	98 692	61 084,589	1 501 717,821	24,584	24,121
16	34	98 641	59 131,057	1 440 633,231	24,363	23,900
17	35	98 576	57 232,371	1 381 502,174	24,138	23,675
18	36	98 509	55 392,800	1 324 269,803	23,907	23,443
19	37	98 426	53 604,055	1 268 877,003	23,671	23,208
20	38	98 340	51 871,481	1 215 272,949	23,429	22,965
21	39	98 238	50 186,735	1 163 401,467	23,181	22,718
22	40	98 139	48 558,100	1 113 214,733	22,925	22,462
23	41	98 028	46 976,068	1 064 656,632	22,664	22,200
24	42	97 915	45 445,103	1 017 680,564	22,394	21,930
25	43	97 791	43 958,807	972 235,461	22,117	21,653
26	44	97 659	42 517,827	928 276,654	21,833	21,369
27	45	97 520	41 120,648	885 758,827	21,540	21,077
28	46	97 362	39 762,033	844 638,179	21,242	20,779
29	47	97 196	38 444,907	804 876,146	20,936	20,472
30	48	97 013	37 164,357	766 431,239	20,623	20,159
31	49	96 804	35 916,983	729 266,882	20,304	19,841
32	50	96 575	34 704,228	693 349,900	19,979	19,515
33	51	96 335	33 528,283	658 645,672	19,644	19,181
34	52	96 058	32 379,625	625 117,388	19,306	18,842
35	53	95 760	31 263,172	592 737,763	18,960	18,496
36	54	95 438	30 177,125	561 474,591	18,606	18,142
37	55	95 080	29 117,764	531 297,466	18,247	17,783
38	56	94 679	28 082,156	502 179,702	17,883	17,419
39	57	94 239	27 071,992	474 097,546	17,512	17,049
40	58	93 765	26 087,863	447 025,554	17,135	16,672
41	59	93 242	25 125,663	420 937,691	16,753	16,290
42	60	92 679	24 187,949	395 812,028	16,364	15,900
43	61	92 057	23 269,414	371 624,079	15,970	15,507
44	62	91 393	22 374,316	348 354,665	15,569	15,106
45	63	90 669	21 498,382	325 980,349	15,163	14,699
46	64	89 881	20 640,646	304 481,967	14,752	14,288
47	65	89 015	19 798,317	283 841,321	14,337	13,873
48	66	88 096	18 977,248	264 043,003	13,914	13,450
49	67	87 092	18 170,474	245 065,755	13,487	13,023
50	68	86 010	17 379,855	226 895,281	13,055	12,591
51	69	84 827	16 601,253	209 515,425	12,620	12,157
52	70	83 536	15 834,077	192 914,172	12,183	11,720
53	71	82 142	15 079,757	177 080,095	11,743	11,279
54	72	80 636	14 337,310	162 000,338	11,299	10,836
55	73	79 020	13 607,584	147 663,029	10,852	10,388
56	74	77 263	12 886,261	134 055,444	10,403	9,939
57	75	75 384	12 177,199	121 169,183	9,950	9,487
58	76	73 392	11 482,270	108 991,984	9,492	9,029
59	77	71 224	10 792,261	97 509,714	9,035	8,572
60	78	68 908	10 112,626	86 717,452	8,575	8,112
61	79	66 357	9 431,830	76 604,826	8,122	7,658
62	80	63 577	8 752,227	67 172,996	7,675	7,211
63	81	60 528	8 070,127	58 420,770	7,239	6,776
64	82	57 193	7 385,450	50 350,643	6,818	6,354
65	83	53 594	6 702,858	42 965,193	6,410	5,946
66	84	49 775	6 029,275	36 262,335	6,014	5,551
67	85	45 759	5 368,320	30 233,060	5,632	5,168
68	86	41 514	4 717,098	24 864,740	5,271	4,808
69	87	37 168	4 090,338	20 147,642	4,926	4,462
70	88	32 748	3 490,411	16 057,304	4,600	4,137
71	89	28 361	2 927,693	12 566,893	4,292	3,829
72	90	24 079	2 407,468	9 639,200	4,004	3,540
73	91	19 991	1 935,771	7 231,732	3,736	3,272
74	92	16 161	1 515,691	5 295,961	3,494	3,030
75	93	12 723	1 155,656	3 780,270	3,271	2,807
76	94	9 726	855,611	2 624,613	3,068	2,604
77	95	7 209	614,232	1 769,002	2,880	2,416
78	96	5 167	426,431	1 154,771	2,708	2,244
79	97	3 523	281,616	728,340	2,586	2,123
80	98	2 345	181,545	446,723	2,461	1,997
81	99	1 520	113,960	265,179	2,327	1,863
82	100	943	68,459	151,218	2,209	1,745

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 507	99 507,349	2 688 856,455	27,022	26,558
1	20	99 136	96 015,057	2 589 349,106	26,968	26,505
2	21	99 090	92 949,899	2 493 334,049	26,824	26,361
3	22	99 058	89 995,219	2 400 384,149	26,672	26,209
4	23	99 031	87 138,755	2 310 388,930	26,514	26,050
5	24	99 003	84 371,711	2 223 250,174	26,351	25,887
6	25	98 975	81 693,032	2 138 878,463	26,182	25,718
7	26	98 947	79 099,338	2 057 185,431	26,008	25,544
8	27	98 920	76 588,513	1 978 086,093	25,827	25,364
9	28	98 890	74 155,433	1 901 497,579	25,642	25,178
10	29	98 859	71 798,573	1 827 342,146	25,451	24,987
11	30	98 826	69 515,067	1 755 543,573	25,254	24,791
12	31	98 787	67 300,381	1 686 028,506	25,052	24,589
13	32	98 749	65 157,014	1 618 728,125	24,843	24,380
14	33	98 706	63 078,396	1 553 571,111	24,629	24,166
15	34	98 657	61 062,579	1 490 492,715	24,409	23,946
16	35	98 601	59 107,051	1 429 430,137	24,184	23,720
17	36	98 536	57 208,784	1 370 323,086	23,953	23,489
18	37	98 463	55 367,402	1 313 114,302	23,716	23,253
19	38	98 379	53 578,611	1 257 746,900	23,475	23,011
20	39	98 281	51 840,190	1 204 168,289	23,228	22,765
21	40	98 179	50 156,565	1 152 328,099	22,975	22,511
22	41	98 072	48 524,804	1 102 171,535	22,714	22,250
23	42	97 955	46 941,294	1 053 646,730	22,446	21,982
24	43	97 837	45 409,031	1 006 705,437	22,170	21,706
25	44	97 702	43 918,889	961 296,406	21,888	21,424
26	45	97 564	42 476,560	917 377,516	21,597	21,134
27	46	97 407	41 073,268	874 900,956	21,301	20,837
28	47	97 244	39 713,622	833 827,689	20,996	20,532
29	48	97 063	38 392,226	794 114,067	20,684	20,221
30	49	96 858	37 105,115	755 721,841	20,367	19,903
31	50	96 634	35 854,197	718 616,726	20,043	19,579
32	51	96 396	34 639,914	682 762,529	19,710	19,247
33	52	96 128	33 456,442	648 122,615	19,372	18,909
34	53	95 834	32 304,084	614 666,172	19,028	18,564
35	54	95 514	31 182,898	582 362,088	18,676	18,212
36	55	95 162	30 089,953	551 179,190	18,318	17,854
37	56	94 772	29 023,264	521 089,237	17,954	17,491
38	57	94 340	27 981,707	492 065,973	17,585	17,122
39	58	93 870	26 965,758	464 084,266	17,210	16,747
40	59	93 357	25 974,396	437 118,508	16,829	16,365
41	60	92 803	25 007,412	411 144,112	16,441	15,977
42	61	92 190	24 060,335	386 136,699	16,049	15,585
43	62	91 534	23 137,106	362 076,364	15,649	15,186
44	63	90 832	22 237,062	338 939,258	15,242	14,778
45	64	90 057	21 353,292	316 702,196	14,832	14,368
46	65	89 209	20 486,406	295 348,904	14,417	13,953
47	66	88 305	19 640,516	274 862,498	13,995	13,531
48	67	87 324	18 810,968	255 221,983	13,568	13,104
49	68	86 266	17 998,178	236 411,015	13,135	12,672
50	69	85 110	17 197,964	218 412,837	12,700	12,236
51	70	83 847	16 409,432	201 214,873	12,262	11,799
52	71	82 484	15 634,587	184 805,441	11,820	11,357
53	72	81 017	14 873,137	169 170,854	11,374	10,911
54	73	79 442	14 124,923	154 297,717	10,924	10,460
55	74	77 722	13 384,200	140 172,794	10,473	10,009
56	75	75 884	12 656,330	126 788,594	10,018	9,554
57	76	73 935	11 943,014	114 132,265	9,556	9,093
58	77	71 810	11 234,645	102 189,250	9,096	8,632
59	78	69 529	10 535,443	90 954,606	8,633	8,170
60	79	67 016	9 835,055	80 419,162	8,177	7,713
61	80	64 273	9 135,534	70 584,108	7,726	7,263
62	81	61 259	8 433,107	61 448,574	7,287	6,823
63	82	57 945	7 725,743	53 015,467	6,862	6,399
64	83	54 369	7 020,764	45 289,723	6,451	5,987
65	84	50 554	6 322,730	38 268,959	6,053	5,589
66	85	46 531	5 636,388	31 946,229	5,668	5,204
67	86	42 275	4 959,658	26 309,841	5,305	4,841
68	87	37 895	4 305,861	21 350,183	4,958	4,495
69	88	33 454	3 681,527	17 044,322	4,630	4,166
70	89	29 008	3 091,799	13 362,795	4,322	3,858
71	90	24 688	2 548,505	10 270,996	4,030	3,567
72	91	20 528	2 052,424	7 722,491	3,763	3,299
73	92	16 640	1 611,269	5 670,067	3,519	3,055
74	93	13 131	1 231,496	4 058,798	3,296	2,832
75	94	10 064	914,154	2 827,301	3,093	2,629
76	95	7 487	658,679	1 913,148	2,905	2,441
77	96	5 387	458,968	1 254,469	2,733	2,270
78	97	3 691	304,620	795,501	2,611	2,148
79	98	2 470	197,408	490,881	2,487	2,023
80	99	1 611	124,700	293,473	2,353	1,890
81	100	1 008	75,560	168,773	2,234	1,770

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 490	99 489,956	2 676 866,724	26,906	26,442
1	21	99 117	95 997,306	2 577 376,768	26,848	26,385
2	22	99 073	92 934,572	2 481 379,462	26,700	26,237
3	23	99 042	89 980,567	2 388 444,890	26,544	26,080
4	24	99 013	87 123,074	2 298 464,322	26,382	25,918
5	25	98 985	84 356,530	2 211 341,249	26,214	25,751
6	26	98 956	81 677,492	2 126 984,719	26,041	25,578
7	27	98 929	79 084,452	2 045 307,227	25,862	25,399
8	28	98 899	76 572,033	1 966 222,775	25,678	25,214
9	29	98 867	74 137,959	1 889 650,742	25,488	25,025
10	30	98 833	71 779,994	1 815 512,783	25,293	24,829
11	31	98 794	69 493,022	1 743 732,789	25,092	24,629
12	32	98 756	67 279,249	1 674 239,767	24,885	24,421
13	33	98 715	65 134,689	1 606 960,519	24,671	24,208
14	34	98 670	63 055,667	1 541 825,830	24,452	23,988
15	35	98 617	61 037,787	1 478 770,163	24,227	23,764
16	36	98 560	59 082,691	1 417 732,375	23,996	23,532
17	37	98 491	57 182,554	1 358 649,685	23,760	23,296
18	38	98 417	55 341,121	1 301 467,131	23,517	23,054
19	39	98 320	53 546,290	1 246 126,010	23,272	22,808
20	40	98 222	51 809,026	1 192 579,720	23,019	22,555
21	41	98 112	50 122,173	1 140 770,694	22,760	22,296
22	42	97 999	48 488,883	1 090 648,521	22,493	22,029
23	43	97 877	46 904,034	1 042 159,638	22,219	21,755
24	44	97 748	45 367,797	995 255,604	21,937	21,474
25	45	97 607	43 876,263	949 887,808	21,649	21,186
26	46	97 452	42 427,617	906 011,545	21,354	20,891
27	47	97 289	41 023,260	863 583,928	21,051	20,587
28	48	97 110	39 659,202	822 560,668	20,741	20,277
29	49	96 909	38 331,027	782 901,465	20,425	19,961
30	50	96 689	37 040,253	744 570,439	20,102	19,638
31	51	96 455	35 787,752	707 530,186	19,770	19,307
32	52	96 189	34 565,691	671 742,434	19,434	18,970
33	53	95 904	33 378,389	637 176,743	19,089	18,626
34	54	95 588	32 221,138	603 798,353	18,739	18,276
35	55	95 238	31 092,821	571 577,215	18,383	17,919
36	56	94 853	29 992,297	540 484,395	18,021	17,557
37	57	94 433	28 919,449	510 492,097	17,652	17,189
38	58	93 970	27 871,903	481 572,648	17,278	16,814
39	59	93 461	26 848,473	453 700,745	16,899	16,435
40	60	92 918	25 852,152	426 852,272	16,511	16,048
41	61	92 313	24 875,474	401 000,121	16,120	15,657
42	62	91 666	23 923,530	376 124,647	15,722	15,258
43	63	90 972	22 995,173	352 201,116	15,316	14,853
44	64	90 219	22 086,986	329 205,943	14,905	14,441
45	65	89 384	21 193,726	307 118,957	14,491	14,027
46	66	88 498	20 323,120	285 925,231	14,069	13,605
47	67	87 531	19 468,423	265 602,111	13,643	13,179
48	68	86 496	18 632,598	246 133,687	13,210	12,746
49	69	85 364	17 809,815	227 501,089	12,774	12,310
50	70	84 126	16 999,248	209 691,274	12,335	11,872
51	71	82 790	16 202,693	192 692,026	11,893	11,429
52	72	81 354	15 420,365	176 489,333	11,445	10,982
53	73	79 817	14 652,813	161 068,968	10,992	10,529
54	74	78 138	13 893,046	146 416,155	10,539	10,075
55	75	76 336	13 145,383	132 523,110	10,081	9,618
56	76	74 425	12 412,931	119 377,726	9,617	9,154
57	77	72 340	11 685,452	106 964,795	9,154	8,690
58	78	70 101	10 967,299	95 279,343	8,688	8,224
59	79	67 621	10 246,266	84 312,044	8,229	7,765
60	80	64 911	9 526,092	74 065,777	7,775	7,311
61	81	61 929	8 802,438	64 539,686	7,332	6,868
62	82	58 645	8 073,234	55 737,247	6,904	6,440
63	83	55 083	7 344,254	47 664,013	6,490	6,026
64	84	51 285	6 622,607	40 319,759	6,088	5,625
65	85	47 260	5 910,721	33 697,152	5,701	5,237
66	86	42 989	5 207,320	27 786,432	5,336	4,872
67	87	38 590	4 527,275	22 579,112	4,987	4,524
68	88	34 108	3 875,510	18 051,836	4,658	4,194
69	89	29 633	3 261,090	14 176,327	4,347	3,883
70	90	25 251	2 691,356	10 915,237	4,056	3,592
71	91	21 047	2 172,661	8 223,882	3,785	3,322
72	92	17 087	1 708,367	6 051,221	3,542	3,078
73	93	13 520	1 309,153	4 342,853	3,317	2,854
74	94	10 387	974,145	3 033,700	3,114	2,651
75	95	7 748	703,747	2 059,555	2,927	2,463
76	96	5 595	492,180	1 355,807	2,755	2,291
77	97	3 848	327,862	863,627	2,634	2,170
78	98	2 588	213,533	535,765	2,509	2,045
79	99	1 697	135,596	322,232	2,376	1,913
80	100	1 068	82,680	186,636	2,257	1,794

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 472	99 471,563	2 664 354,909	26,785	26,321
1	22	99 101	95 981,476	2 564 883,346	26,723	26,259
2	23	99 057	92 919,442	2 468 901,870	26,570	26,107
3	24	99 024	89 964,374	2 375 982,428	26,410	25,947
4	25	98 995	87 107,397	2 286 018,054	26,244	25,780
5	26	98 966	84 340,483	2 198 910,657	26,072	25,608
6	27	98 938	81 662,121	2 114 570,174	25,894	25,431
7	28	98 907	79 067,434	2 032 908,054	25,711	25,247
8	29	98 875	76 553,989	1 953 840,619	25,522	25,059
9	30	98 841	74 118,774	1 877 286,630	25,328	24,864
10	31	98 802	71 757,231	1 803 167,856	25,129	24,665
11	32	98 763	69 471,201	1 731 410,625	24,923	24,459
12	33	98 722	67 256,197	1 661 939,424	24,711	24,247
13	34	98 679	65 111,219	1 594 683,228	24,492	24,028
14	35	98 630	63 030,067	1 529 572,009	24,267	23,804
15	36	98 576	61 012,632	1 466 541,942	24,037	23,573
16	37	98 515	59 055,601	1 405 529,310	23,800	23,336
17	38	98 444	57 155,411	1 346 473,709	23,558	23,094
18	39	98 357	55 307,737	1 289 318,298	23,312	22,848
19	40	98 261	53 514,100	1 234 010,561	23,060	22,596
20	41	98 154	51 773,501	1 180 496,461	22,801	22,338
21	42	98 039	50 085,069	1 128 722,960	22,536	22,072
22	43	97 922	48 450,395	1 078 637,890	22,263	21,799
23	44	97 788	46 861,442	1 030 187,495	21,984	21,520
24	45	97 653	45 323,764	983 326,054	21,696	21,232
25	46	97 495	43 825,707	938 002,290	21,403	20,939
26	47	97 333	42 375,961	894 176,583	21,101	20,637
27	48	97 155	40 967,046	851 800,622	20,792	20,329
28	49	96 956	39 595,983	810 833,576	20,478	20,014
29	50	96 739	38 264,021	771 237,593	20,156	19,692
30	51	96 510	36 971,610	732 973,572	19,825	19,362
31	52	96 249	35 711,070	696 001,962	19,490	19,026
32	53	95 965	34 485,051	660 290,892	19,147	18,684
33	54	95 658	33 292,685	625 805,841	18,797	18,333
34	55	95 312	32 128,061	592 513,157	18,442	17,979
35	56	94 929	30 991,910	560 385,096	18,082	17,618
36	57	94 514	29 885,016	529 393,185	17,714	17,251
37	58	94 062	28 805,965	499 508,169	17,340	16,877
38	59	93 561	27 750,677	470 702,204	16,962	16,498
39	60	93 021	26 722,114	442 951,527	16,576	16,113
40	61	92 428	25 715,757	416 229,413	16,186	15,722
41	62	91 788	24 734,035	390 513,656	15,789	15,325
42	63	91 104	23 776,773	365 779,621	15,384	14,920
43	64	90 358	22 839,981	342 002,848	14,974	14,510
44	65	89 545	21 921,938	319 162,867	14,559	14,095
45	66	88 672	21 024,803	297 240,929	14,138	13,674
46	67	87 723	20 145,046	276 216,127	13,711	13,248
47	68	86 701	19 283,820	256 071,080	13,279	12,815
48	69	85 591	18 437,595	236 787,261	12,843	12,379
49	70	84 377	17 604,030	218 349,666	12,403	11,940
50	71	83 067	16 785,078	200 745,636	11,960	11,496
51	72	81 656	15 980,688	183 960,558	11,511	11,048
52	73	80 149	15 191,935	167 979,870	11,057	10,594
53	74	78 506	14 412,270	152 787,936	10,601	10,138
54	75	76 743	13 645,150	138 375,666	10,141	9,677
55	76	74 867	12 892,580	124 730,517	9,675	9,211
56	77	72 820	12 145,234	111 837,937	9,208	8,745
57	78	70 619	11 407,379	99 692,703	8,739	8,276
58	79	68 177	10 666,269	88 285,323	8,277	7,813
59	80	65 496	9 924,385	77 619,054	7,821	7,357
60	81	62 544	9 178,756	67 694,669	7,375	6,912
61	82	59 287	8 426,804	58 515,913	6,944	6,480
62	83	55 749	7 674,586	50 089,109	6,527	6,063
63	84	51 960	6 927,751	42 414,522	6,122	5,659
64	85	47 943	6 191,057	35 486,772	5,732	5,268
65	86	43 662	5 460,769	29 295,715	5,365	4,901
66	87	39 241	4 753,346	23 834,946	5,014	4,551
67	88	34 733	4 074,795	19 081,600	4,683	4,219
68	89	30 213	3 432,919	15 006,805	4,371	3,908
69	90	25 795	2 838,720	11 573,887	4,077	3,614
70	91	21 527	2 294,445	8 735,167	3,807	3,343
71	92	17 519	1 808,448	6 440,722	3,561	3,098
72	93	13 883	1 388,045	4 632,274	3,337	2,874
73	94	10 694	1 035,574	3 244,228	3,133	2,669
74	95	7 996	749,931	2 208,655	2,945	2,482
75	96	5 789	525,856	1 458,724	2,774	2,310
76	97	3 996	351,587	932,867	2,653	2,190
77	98	2 697	229,825	581,280	2,529	2,066
78	99	1 777	146,672	351,454	2,396	1,933
79	100	1 125	89,905	204,783	2,278	1,814

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 455	99 455,160	2 651 310,173	26,658	26,195
1	23	99 085	95 965,850	2 551 855,013	26,591	26,128
2	24	99 040	92 902,719	2 455 889,164	26,435	25,971
3	25	99 006	89 948,186	2 362 986,444	26,271	25,807
4	26	98 977	87 090,827	2 273 038,258	26,100	25,636
5	27	98 947	84 324,611	2 185 947,431	25,923	25,459
6	28	98 916	81 644,548	2 101 622,821	25,741	25,278
7	29	98 884	79 048,803	2 019 978,272	25,554	25,090
8	30	98 850	76 534,179	1 940 929,470	25,360	24,897
9	31	98 810	74 095,269	1 864 395,290	25,162	24,699
10	32	98 771	71 734,699	1 790 300,021	24,957	24,494
11	33	98 729	69 447,398	1 718 565,322	24,746	24,283
12	34	98 686	67 231,962	1 649 117,924	24,529	24,065
13	35	98 639	65 084,784	1 581 885,962	24,305	23,841
14	36	98 589	63 004,090	1 516 801,178	24,075	23,611
15	37	98 531	60 984,658	1 453 797,088	23,839	23,375
16	38	98 468	59 027,570	1 392 812,430	23,596	23,132
17	39	98 384	57 120,932	1 333 784,861	23,350	22,887
18	40	98 298	55 274,489	1 276 663,928	23,097	22,633
19	41	98 193	53 477,406	1 221 389,440	22,839	22,376
20	42	98 082	51 735,175	1 167 912,034	22,575	22,111
21	43	97 961	50 045,314	1 116 176,859	22,303	21,840
22	44	97 833	48 406,399	1 066 131,545	22,025	21,561
23	45	97 693	46 815,959	1 017 725,146	21,739	21,275
24	46	97 541	45 271,540	970 909,187	21,446	20,983
25	47	97 376	43 772,348	925 637,647	21,147	20,683
26	48	97 200	42 317,893	881 865,299	20,839	20,375
27	49	97 000	40 901,743	839 547,406	20,526	20,062
28	50	96 786	39 526,767	798 645,663	20,205	19,742
29	51	96 560	38 193,110	759 118,896	19,876	19,412
30	52	96 303	36 892,391	720 925,786	19,541	19,078
31	53	96 024	35 627,757	684 033,395	19,199	18,736
32	54	95 719	34 396,504	648 405,638	18,851	18,387
33	55	95 382	33 196,512	614 009,134	18,496	18,033
34	56	95 002	32 023,791	580 812,622	18,137	17,673
35	57	94 590	30 881,054	548 788,831	17,771	17,307
36	58	94 143	29 767,743	517 907,777	17,398	16,935
37	59	93 653	28 680,676	488 140,034	17,020	16,556
38	60	93 121	27 620,072	459 459,358	16,635	16,171
39	61	92 531	26 581,129	431 839,285	16,246	15,782
40	62	91 902	25 569,540	405 258,156	15,849	15,386
41	63	91 225	24 582,306	379 688,616	15,446	14,982
42	64	90 489	23 616,306	355 106,310	15,036	14,573
43	65	89 683	22 669,306	331 490,004	14,623	14,159
44	66	88 831	21 747,210	308 820,699	14,200	13,737
45	67	87 895	20 840,581	287 073,489	13,775	13,311
46	68	86 891	19 954,027	266 232,908	13,342	12,879
47	69	85 794	19 082,001	246 278,881	12,906	12,443
48	70	84 602	18 224,556	227 196,880	12,467	12,003
49	71	83 314	17 382,240	208 972,323	12,022	11,559
50	72	81 928	16 555,093	191 590,083	11,573	11,109
51	73	80 446	15 743,956	175 034,991	11,118	10,654
52	74	78 833	14 942,541	159 291,034	10,660	10,197
53	75	77 106	14 155,109	144 348,493	10,198	9,734
54	76	75 268	13 382,734	130 193,384	9,728	9,265
55	77	73 253	12 614,539	116 810,650	9,260	8,796
56	78	71 087	11 856,221	104 196,111	8,788	8,325
57	79	68 680	11 094,269	92 339,890	8,323	7,860
58	80	66 035	10 331,194	81 245,621	7,864	7,400
59	81	63 108	9 562,527	70 914,427	7,416	6,952
60	82	59 875	8 787,063	61 351,900	6,982	6,518
61	83	56 359	8 010,698	52 564,836	6,562	6,098
62	84	52 588	7 239,349	44 554,139	6,154	5,691
63	85	48 574	6 476,317	37 314,789	5,762	5,298
64	86	44 294	5 719,765	30 838,473	5,392	4,928
65	87	39 856	4 984,699	25 118,708	5,039	4,576
66	88	35 319	4 278,270	20 134,009	4,706	4,242
67	89	30 766	3 609,445	15 855,738	4,393	3,929
68	90	26 299	2 988,294	12 246,294	4,098	3,634
69	91	21 991	2 420,077	9 257,999	3,825	3,362
70	92	17 918	1 909,817	6 837,923	3,580	3,117
71	93	14 234	1 469,361	4 928,106	3,354	2,890
72	94	10 982	1 097,979	3 458,745	3,150	2,686
73	95	8 233	797,221	2 360,766	2,961	2,498
74	96	5 975	560,366	1 563,545	2,790	2,327
75	97	4 136	375,644	1 003,179	2,671	2,207
76	98	2 801	246,456	627,535	2,546	2,083
77	99	1 853	157,863	381,079	2,414	1,950
78	100	1 178	97,248	223,216	2,295	1,832

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 439	99 438,968	2 637 718,249	26,526	26,062
1	24	99 067	95 948,579	2 538 279,281	26,455	25,991
2	25	99 022	92 886,003	2 442 330,702	26,294	25,830
3	26	98 987	89 931,076	2 349 444,699	26,125	25,661
4	27	98 958	87 074,437	2 259 513,623	25,949	25,486
5	28	98 926	84 306,465	2 172 439,186	25,768	25,305
6	29	98 893	81 625,309	2 088 132,721	25,582	25,118
7	30	98 858	79 028,347	2 006 507,412	25,390	24,926
8	31	98 818	76 509,908	1 927 479,064	25,193	24,729
9	32	98 779	74 072,003	1 850 969,156	24,989	24,525
10	33	98 737	71 710,120	1 776 897,153	24,779	24,315
11	34	98 694	69 422,374	1 705 187,033	24,562	24,099
12	35	98 646	67 204,666	1 635 764,659	24,340	23,876
13	36	98 599	65 057,961	1 568 559,993	24,110	23,647
14	37	98 544	62 975,203	1 503 502,032	23,875	23,411
15	38	98 484	60 955,711	1 440 526,829	23,632	23,169
16	39	98 409	58 991,961	1 379 571,119	23,386	22,922
17	40	98 325	57 086,594	1 320 579,157	23,133	22,669
18	41	98 231	55 236,587	1 263 492,563	22,874	22,411
19	42	98 121	53 437,819	1 208 255,976	22,611	22,147
20	43	98 004	51 694,110	1 154 818,157	22,339	21,876
21	44	97 872	49 999,869	1 103 124,047	22,063	21,599
22	45	97 738	48 359,417	1 053 124,178	21,777	21,313
23	46	97 581	46 762,016	1 004 764,761	21,487	21,023
24	47	97 422	45 216,421	958 002,745	21,187	20,723
25	48	97 242	43 712,367	912 786,324	20,882	20,418
26	49	97 045	42 250,436	869 073,957	20,570	20,106
27	50	96 831	40 830,243	826 823,521	20,250	19,787
28	51	96 607	39 453,516	785 993,277	19,922	19,458
29	52	96 353	38 111,274	746 539,762	19,588	19,125
30	53	96 078	36 806,322	708 428,487	19,247	18,784
31	54	95 778	35 536,277	671 622,165	18,900	18,436
32	55	95 442	34 297,143	636 085,889	18,546	18,083
33	56	95 072	33 088,775	601 788,745	18,187	17,723
34	57	94 663	31 909,243	568 699,971	17,822	17,359
35	58	94 219	30 759,872	536 790,728	17,451	16,987
36	59	93 734	29 638,271	506 030,855	17,074	16,610
37	60	93 212	28 545,695	476 392,584	16,689	16,225
38	61	92 630	27 474,350	447 846,890	16,301	15,837
39	62	92 005	26 429,992	420 372,540	15,905	15,442
40	63	91 338	25 412,685	393 942,548	15,502	15,038
41	64	90 610	24 416,402	368 529,862	15,094	14,630
42	65	89 813	23 439,829	344 113,460	14,681	14,217
43	66	88 968	22 488,621	320 673,631	14,259	13,796
44	67	88 053	21 556,659	298 185,010	13,833	13,369
45	68	87 061	20 642,966	276 628,351	13,401	12,937
46	69	85 981	19 745,194	255 985,385	12,964	12,501
47	70	84 803	18 861,517	236 240,191	12,525	12,061
48	71	83 536	17 994,949	217 378,674	12,080	11,616
49	72	82 173	17 144,073	199 383,726	11,630	11,166
50	73	80 715	16 309,852	182 239,653	11,174	10,710
51	74	79 126	15 485,501	165 929,801	10,715	10,252
52	75	77 426	14 675,919	150 444,300	10,251	9,787
53	76	75 623	13 882,887	135 768,381	9,780	9,316
54	77	73 644	13 094,123	121 885,494	9,308	8,845
55	78	71 510	12 314,357	108 791,371	8,835	8,371
56	79	69 136	11 530,791	96 477,014	8,367	7,903
57	80	66 523	10 745,749	84 946,223	7,905	7,441
58	81	63 627	9 954,503	74 200,474	7,454	6,990
59	82	60 415	9 154,457	64 245,971	7,018	6,554
60	83	56 919	8 353,167	55 091,514	6,595	6,132
61	84	53 163	7 556,399	46 738,346	6,185	5,722
62	85	49 161	6 767,611	39 181,947	5,790	5,326
63	86	44 876	5 983,309	32 414,336	5,417	4,954
64	87	40 432	5 221,116	26 431,027	5,062	4,599
65	88	35 873	4 486,501	21 209,912	4,727	4,264
66	89	31 286	3 789,683	16 723,411	4,413	3,949
67	90	26 781	3 141,957	12 933,727	4,116	3,653
68	91	22 421	2 547,592	9 791,770	3,844	3,380
69	92	18 304	2 014,388	7 244,178	3,596	3,133
70	93	14 559	1 551,723	5 229,790	3,370	2,907
71	94	11 259	1 162,302	3 678,067	3,164	2,701
72	95	8 454	845,263	2 515,765	2,976	2,513
73	96	6 152	595,702	1 670,502	2,804	2,341
74	97	4 268	400,296	1 074,800	2,685	2,221
75	98	2 899	263,319	674,505	2,562	2,098
76	99	1 924	169,286	411,185	2,429	1,965
77	100	1 228	104,669	241,899	2,311	1,847

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 421	99 421,072	2 623 566,262	26,388	25,925
1	25	99 049	95 931,315	2 524 145,190	26,312	25,848
2	26	99 003	92 868,334	2 428 213,876	26,147	25,683
3	27	98 969	89 914,151	2 335 345,542	25,973	25,509
4	28	98 937	87 055,700	2 245 431,391	25,793	25,329
5	29	98 903	84 286,599	2 158 375,691	25,608	25,144
6	30	98 867	81 604,187	2 074 089,092	25,416	24,953
7	31	98 827	79 003,285	1 992 484,905	25,220	24,757
8	32	98 787	76 485,884	1 913 481,619	25,017	24,554
9	33	98 745	74 046,624	1 836 995,735	24,809	24,345
10	34	98 702	71 684,281	1 762 949,112	24,593	24,130
11	35	98 654	69 394,189	1 691 264,831	24,372	23,908
12	36	98 605	67 176,969	1 621 870,642	24,143	23,680
13	37	98 554	65 028,132	1 554 693,673	23,908	23,444
14	38	98 497	62 945,311	1 489 665,541	23,666	23,202
15	39	98 425	60 918,939	1 426 720,231	23,420	22,956
16	40	98 350	58 956,499	1 365 801,291	23,166	22,703
17	41	98 258	57 047,450	1 306 844,793	22,908	22,444
18	42	98 158	55 195,698	1 249 797,343	22,643	22,179
19	43	98 043	53 395,402	1 194 601,645	22,373	21,909
20	44	97 915	51 647,168	1 141 206,243	22,096	21,633
21	45	97 777	49 951,341	1 089 559,075	21,812	21,349
22	46	97 625	48 303,695	1 039 607,734	21,522	21,059
23	47	97 462	46 705,083	991 304,039	21,225	20,761
24	48	97 289	45 154,461	944 598,957	20,919	20,456
25	49	97 087	43 642,687	899 444,495	20,609	20,146
26	50	96 875	42 176,580	855 801,808	20,291	19,827
27	51	96 651	40 754,577	813 625,229	19,964	19,500
28	52	96 400	39 368,979	772 870,652	19,631	19,168
29	53	96 128	38 022,362	733 501,673	19,291	18,828
30	54	95 831	36 711,815	695 479,311	18,944	18,481
31	55	95 501	35 433,623	658 767,496	18,592	18,128
32	56	95 132	34 185,834	623 333,873	18,234	17,770
33	57	94 732	32 970,417	589 148,039	17,869	17,405
34	58	94 291	31 784,027	556 177,621	17,499	17,035
35	59	93 809	30 626,085	524 393,594	17,122	16,659
36	60	93 292	29 498,783	493 767,509	16,739	16,275
37	61	92 720	28 395,089	464 268,727	16,350	15,887
38	62	92 103	27 318,134	435 873,638	15,955	15,492
39	63	91 440	26 267,859	408 555,504	15,553	15,090
40	64	90 722	25 241,178	382 287,645	15,145	14,682
41	65	89 932	24 233,947	357 046,467	14,733	14,270
42	66	89 097	23 253,003	332 812,521	14,313	13,849
43	67	88 189	22 291,573	309 559,518	13,887	13,423
44	68	87 218	21 352,254	287 267,944	13,454	12,990
45	69	86 150	20 426,923	265 915,691	13,018	12,554
46	70	84 988	19 517,047	245 488,767	12,578	12,115
47	71	83 734	18 623,884	225 971,721	12,133	11,670
48	72	82 391	17 748,386	207 347,836	11,683	11,219
49	73	80 955	16 890,107	189 599,450	11,225	10,762
50	74	79 390	16 042,107	172 709,343	10,766	10,302
51	75	77 714	15 209,190	156 667,236	10,301	9,837
52	76	75 937	14 393,681	141 458,045	9,828	9,364
53	77	73 992	13 583,489	127 064,365	9,354	8,891
54	78	71 892	12 782,529	113 480,875	8,878	8,414
55	79	69 547	11 976,353	100 698,346	8,408	7,944
56	80	66 964	11 168,557	88 721,994	7,944	7,480
57	81	64 097	10 353,943	77 553,437	7,490	7,027
58	82	60 912	9 529,706	67 199,494	7,052	6,588
59	83	57 432	8 702,420	57 669,788	6,627	6,163
60	84	53 691	7 879,447	48 967,368	6,215	5,751
61	85	49 699	7 064,001	41 087,921	5,817	5,353
62	86	45 418	6 252,429	34 023,921	5,442	4,978
63	87	40 964	5 461,684	27 771,492	5,085	4,621
64	88	36 391	4 699,289	22 309,808	4,747	4,284
65	89	31 776	3 974,134	17 610,519	4,431	3,968
66	90	27 234	3 298,851	13 636,385	4,134	3,670
67	91	22 832	2 678,593	10 337,534	3,859	3,396
68	92	18 662	2 120,528	7 658,940	3,612	3,148
69	93	14 872	1 636,687	5 538,413	3,384	2,920
70	94	11 516	1 227,453	3 901,726	3,179	2,715
71	95	8 668	894,781	2 674,273	2,989	2,525
72	96	6 317	631,600	1 779,492	2,817	2,354
73	97	4 395	425,538	1 147,893	2,698	2,234
74	98	2 992	280,600	722,355	2,574	2,111
75	99	1 991	180,869	441,755	2,442	1,979
76	100	1 276	112,243	260,886	2,324	1,861

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 403	99 403,183	2 608 842,941	26,245	25,781
1	26	99 030	95 913,066	2 509 439,758	26,164	25,700
2	27	98 984	92 850,856	2 413 526,692	25,994	25,530
3	28	98 947	89 894,803	2 320 675,836	25,815	25,352
4	29	98 913	87 035,186	2 230 781,033	25,631	25,167
5	30	98 877	84 264,788	2 143 745,847	25,441	24,977
6	31	98 836	81 578,308	2 059 481,059	25,245	24,782
7	32	98 796	78 978,478	1 977 902,751	25,044	24,580
8	33	98 754	76 459,678	1 898 924,273	24,836	24,372
9	34	98 710	74 019,942	1 822 464,595	24,621	24,158
10	35	98 662	71 655,177	1 748 444,652	24,401	23,937
11	36	98 613	69 365,589	1 676 789,475	24,173	23,710
12	37	98 560	67 146,169	1 607 423,886	23,939	23,476
13	38	98 507	64 997,265	1 540 277,717	23,698	23,234
14	39	98 438	62 907,339	1 475 280,452	23,452	22,988
15	40	98 365	60 882,318	1 412 373,113	23,198	22,735
16	41	98 282	58 916,072	1 351 490,795	22,939	22,476
17	42	98 185	57 005,220	1 292 574,723	22,675	22,211
18	43	98 080	55 151,886	1 235 569,503	22,403	21,939
19	44	97 954	53 346,916	1 180 417,617	22,127	21,664
20	45	97 820	51 597,041	1 127 070,702	21,844	21,380
21	46	97 665	49 893,785	1 075 473,661	21,555	21,092
22	47	97 506	48 244,885	1 025 579,876	21,258	20,794
23	48	97 328	46 641,082	977 334,991	20,954	20,491
24	49	97 134	45 082,483	930 693,909	20,644	20,181
25	50	96 918	43 566,397	885 611,426	20,328	19,864
26	51	96 696	42 098,418	842 045,030	20,002	19,538
27	52	96 444	40 667,252	799 946,612	19,671	19,207
28	53	96 175	39 277,132	759 279,360	19,331	18,868
29	54	95 881	37 924,733	720 002,227	18,985	18,521
30	55	95 555	36 605,766	682 077,494	18,633	18,169
31	56	95 191	35 318,625	645 471,728	18,276	17,812
32	57	94 792	34 063,552	610 153,103	17,912	17,449
33	58	94 360	32 841,037	576 089,551	17,542	17,078
34	59	93 881	31 645,785	543 248,514	17,167	16,703
35	60	93 367	30 481,948	511 602,728	16,784	16,320
36	61	92 800	29 343,148	481 120,781	16,396	15,933
37	62	92 193	28 233,638	451 777,632	16,001	15,538
38	63	91 538	27 150,552	423 543,995	15,600	15,136
39	64	90 823	26 090,580	396 393,442	15,193	14,729
40	65	90 044	25 052,559	370 302,862	14,781	14,317
41	66	89 216	24 040,791	345 250,304	14,361	13,897
42	67	88 316	23 049,258	321 209,513	13,936	13,472
43	68	87 353	22 080,200	298 160,255	13,504	13,040
44	69	86 305	21 128,788	276 080,055	13,067	12,603
45	70	85 155	20 190,899	254 951,267	12,627	12,163
46	71	83 917	19 271,155	234 760,368	12,182	11,718
47	72	82 587	18 368,704	215 489,213	11,731	11,268
48	73	81 171	17 485,469	197 120,509	11,273	10,810
49	74	79 626	16 612,837	179 635,040	10,813	10,349
50	75	77 973	15 755,865	163 022,204	10,347	9,883
51	76	76 219	14 916,697	147 266,339	9,873	9,409
52	77	74 300	14 083,268	132 349,642	9,398	8,934
53	78	72 231	13 260,250	118 266,374	8,919	8,455
54	79	69 919	12 431,674	105 006,125	8,447	7,983
55	80	67 362	11 600,122	92 574,450	7,980	7,517
56	81	64 522	10 761,335	80 974,329	7,525	7,061
57	82	61 362	9 912,100	70 212,994	7,084	6,620
58	83	57 904	9 059,139	60 300,894	6,656	6,193
59	84	54 175	8 208,893	51 241,755	6,242	5,779
60	85	50 192	7 365,998	43 032,862	5,842	5,378
61	86	45 915	6 526,256	35 666,864	5,465	5,002
62	87	41 459	5 707,342	29 140,609	5,106	4,642
63	88	36 870	4 915,814	23 433,267	4,767	4,303
64	89	32 235	4 162,621	18 517,453	4,449	3,985
65	90	27 660	3 459,412	14 354,833	4,150	3,686
66	91	23 217	2 812,350	10 895,421	3,874	3,411
67	92	19 004	2 229,569	8 083,071	3,625	3,162
68	93	15 163	1 722,925	5 853,502	3,397	2,934
69	94	11 764	1 294,661	4 130,577	3,190	2,727
70	95	8 866	944,936	2 835,916	3,001	2,538
71	96	6 477	668,601	1 890,980	2,828	2,365
72	97	4 513	451,181	1 222,379	2,709	2,246
73	98	3 080	298,294	771,198	2,585	2,122
74	99	2 055	192,739	472,904	2,454	1,990
75	100	1 320	119,923	280,165	2,336	1,873

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1	0	99 644	96 507,287	2 734 918,112	28,339	27,875
2	1	99 317	93 162,860	2 638 410,826	28,320	27,857
3	2	99 277	90 193,919	2 545 247,965	28,220	27,756
4	3	99 254	87 334,519	2 455 054,046	28,111	27,647
5	4	99 233	84 567,757	2 367 719,528	27,998	27,534
6	5	99 213	81 889,753	2 283 151,771	27,881	27,417
7	6	99 195	79 297,835	2 201 262,018	27,759	27,296
8	7	99 178	76 788,368	2 121 964,183	27,634	27,170
9	8	99 165	74 361,486	2 045 175,814	27,503	27,040
10	9	99 150	72 010,029	1 970 814,328	27,369	26,905
11	10	99 136	69 733,578	1 898 804,299	27,229	26,766
12	11	99 123	67 529,396	1 829 070,721	27,086	26,622
13	12	99 108	65 394,214	1 761 541,325	26,937	26,474
14	13	99 091	63 324,755	1 696 147,111	26,785	26,321
15	14	99 068	61 317,384	1 632 822,356	26,629	26,165
16	15	99 043	59 372,328	1 571 504,972	26,469	26,005
17	16	99 007	57 482,240	1 512 132,645	26,306	25,842
18	17	98 965	55 649,380	1 454 650,405	26,140	25,676
19	18	98 914	53 869,716	1 399 001,025	25,970	25,506
20	19	98 855	52 143,036	1 345 131,309	25,797	25,333
21	20	98 795	50 471,098	1 292 988,273	25,618	25,155
22	21	98 736	48 853,576	1 242 517,174	25,433	24,970
23	22	98 675	47 286,548	1 193 663,599	25,243	24,780
24	23	98 619	45 771,900	1 146 377,051	25,045	24,582
25	24	98 554	44 302,113	1 100 605,151	24,843	24,380
26	25	98 493	42 881,108	1 056 303,039	24,633	24,170
27	26	98 430	41 504,385	1 013 421,931	24,417	23,954
28	27	98 366	40 171,826	971 917,545	24,194	23,730
29	28	98 297	38 880,105	931 745,720	23,965	23,501
30	29	98 222	37 627,763	892 865,615	23,729	23,265
31	30	98 142	36 413,470	855 237,852	23,487	23,023
32	31	98 050	35 234,386	818 824,381	23,239	22,776
33	32	97 957	34 092,969	783 589,995	22,984	22,520
34	33	97 852	32 984,360	749 497,026	22,723	22,259
35	34	97 742	31 910,025	716 512,667	22,454	21,991
36	35	97 623	30 868,262	684 602,642	22,178	21,715
37	36	97 499	29 858,615	653 734,380	21,894	21,431
38	37	97 359	28 877,174	623 875,765	21,604	21,141
39	38	97 209	27 925,085	594 998,591	21,307	20,843
40	39	97 042	26 999,661	567 073,506	21,003	20,539
41	40	96 864	26 101,726	540 073,844	20,691	20,227
42	41	96 668	25 229,092	513 972,118	20,372	19,909
43	42	96 458	24 381,689	488 743,026	20,045	19,582
44	43	96 233	23 559,152	464 361,337	19,710	19,247
45	44	95 972	22 755,872	440 802,186	19,371	18,907
46	45	95 691	21 975,067	418 046,314	19,024	18,560
47	46	95 373	21 212,508	396 071,247	18,672	18,208
48	47	95 031	20 471,199	374 858,739	18,312	17,848
49	48	94 649	19 747,081	354 387,539	17,946	17,483
50	49	94 217	19 038,279	334 640,459	17,577	17,114
51	50	93 740	18 345,590	315 602,180	17,203	16,740
52	51	93 220	17 669,543	297 256,590	16,823	16,359
53	52	92 635	17 005,980	279 587,048	16,441	15,977
54	53	91 985	16 355,068	262 581,068	16,055	15,591
55	54	91 261	15 715,593	246 225,999	15,668	15,204
56	55	90 459	15 087,209	230 510,407	15,279	14,815
57	56	89 572	14 468,942	215 423,197	14,889	14,425
58	57	88 597	13 860,993	200 954,256	14,498	14,034
59	58	87 529	13 262,942	187 093,263	14,106	13,643
60	59	86 370	12 675,292	173 830,321	13,714	13,250
61	60	85 118	12 098,412	161 155,029	13,320	12,857
62	61	83 753	11 529,637	149 056,617	12,928	12,465
63	62	82 282	10 970,639	137 526,980	12,536	12,072
64	63	80 716	10 423,085	126 556,341	12,142	11,678
65	64	79 029	9 883,960	116 133,256	11,750	11,286
66	65	77 229	9 354,787	106 249,296	11,358	10,894
67	66	75 341	8 838,855	96 894,508	10,962	10,499
68	67	73 337	8 332,916	88 055,653	10,567	10,104
69	68	71 248	7 840,766	79 722,736	10,168	9,704
70	69	69 015	7 355,935	71 881,970	9,772	9,308
71	70	66 696	6 885,015	64 526,035	9,372	8,908
72	71	64 233	6 422,050	57 641,020	8,975	8,512
73	72	61 694	5 974,050	51 218,969	8,574	8,110
74	73	59 033	5 536,431	45 244,919	8,172	7,709
75	74	56 259	5 110,187	39 708,488	7,770	7,307
76	75	53 397	4 697,586	34 598,300	7,365	6,901
77	76	50 424	4 296,349	29 900,714	6,960	6,496
78	77	47 328	3 905,687	25 604,365	6,556	6,092
79	78	44 101	3 524,825	21 698,677	6,156	5,692
80	79	40 726	3 152,610	18 173,852	5,765	5,301
81	80	37 221	2 790,587	15 021,243	5,383	4,919
82	81	33 550	2 436,148	12 230,656	5,020	4,557
83	82	29 784	2 094,666	9 794,508	4,676	4,212
84	83	26 007	1 771,447	7 699,842	4,347	3,883
85	84	22 275	1 469,507	5 928,395	4,034	3,571
86	85	18 644	1 191,230	4 458,888	3,743	3,279
87	86	15 197	940,440	3 267,659	3,475	3,011
88	87	12 040	721,596	2 327,219	3,225	2,761
89	88	9 225	535,492	1 605,623	2,998	2,535
90	89	6 822	383,554	1 070,131	2,790	2,326
91	90	4 860	264,655	686,577	2,594	2,131
92	91	3 319	175,020	421,922	2,411	1,947
93	92	2 140	109,295	246,902	2,259	1,795
94	93	1 315	65,071	137,607	2,115	1,651
95	94	760	36,392	72,535	1,993	1,530
96	95	415	19,262	36,143	1,876	1,413
97	96	210	9,446	16,882	1,787	1,324
98	97	100	4,336	7,436	1,715	1,251
99	98	45	1,881	3,100	1,648	1,184
100	99	19	0,771	1,219	1,581	1,117

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2	0	99 616	93 443,691	2 642 124,665	28,275	27,811
3	1	99 301	90 216,287	2 548 680,974	28,251	27,787
4	2	99 266	87 345,369	2 458 464,687	28,146	27,683
5	3	99 243	84 576,479	2 371 119,318	28,035	27,572
6	4	99 223	81 897,590	2 286 542,839	27,920	27,456
7	5	99 204	79 304,899	2 204 645,250	27,800	27,336
8	6	99 187	76 795,162	2 125 340,350	27,675	27,212
9	7	99 170	74 364,941	2 048 545,188	27,547	27,084
10	8	99 157	72 015,048	1 974 180,247	27,413	26,950
11	9	99 142	69 737,844	1 902 165,200	27,276	26,812
12	10	99 129	67 533,347	1 832 427,356	27,134	26,670
13	11	99 116	65 399,271	1 764 894,009	26,986	26,523
14	12	99 099	63 329,728	1 699 494,738	26,836	26,372
15	13	99 078	61 323,161	1 636 165,010	26,681	26,217
16	14	99 052	59 377,803	1 574 841,849	26,522	26,059
17	15	99 019	57 489,234	1 515 464,047	26,361	25,897
18	16	98 980	55 657,575	1 457 974,812	26,195	25,732
19	17	98 927	53 877,052	1 402 317,237	26,028	25,564
20	18	98 874	52 153,311	1 348 440,185	25,855	25,392
21	19	98 812	50 479,922	1 296 286,874	25,679	25,216
22	20	98 755	48 862,610	1 245 806,952	25,496	25,032
23	21	98 692	47 294,347	1 196 944,343	25,308	24,845
24	22	98 635	45 779,353	1 149 649,996	25,113	24,649
25	23	98 572	44 310,087	1 103 870,643	24,912	24,449
26	24	98 511	42 888,825	1 059 560,556	24,705	24,241
27	25	98 448	41 512,282	1 016 671,731	24,491	24,027
28	26	98 384	40 179,387	975 159,449	24,270	23,807
29	27	98 318	38 888,473	934 980,062	24,043	23,579
30	28	98 245	37 636,632	896 091,589	23,809	23,345
31	29	98 167	36 422,895	858 454,957	23,569	23,105
32	30	98 081	35 245,563	822 032,061	23,323	22,859
33	31	97 988	34 103,678	786 786,498	23,070	22,607
34	32	97 886	32 995,665	752 682,820	22,812	22,348
35	33	97 777	31 921,527	719 687,155	22,546	22,082
36	34	97 663	30 880,799	687 765,628	22,272	21,808
37	35	97 540	29 870,926	656 884,829	21,991	21,527
38	36	97 404	28 890,420	627 013,903	21,703	21,240
39	37	97 255	27 938,346	598 123,483	21,409	20,945
40	38	97 101	27 015,959	570 185,136	21,105	20,642
41	39	96 922	26 117,426	543 169,178	20,797	20,334
42	40	96 735	25 246,403	517 051,751	20,480	20,017
43	41	96 529	24 399,751	491 805,348	20,156	19,693
44	42	96 309	23 577,867	467 405,597	19,824	19,360
45	43	96 060	22 776,554	443 827,730	19,486	19,023
46	44	95 784	21 996,416	421 051,175	19,142	18,678
47	45	95 483	21 236,978	399 054,759	18,791	18,327
48	46	95 147	20 496,154	377 817,781	18,434	17,970
49	47	94 779	19 774,177	357 321,627	18,070	17,606
50	48	94 368	19 068,675	337 547,450	17,702	17,238
51	49	93 904	18 377,716	318 478,775	17,330	16,866
52	50	93 393	17 702,349	300 101,060	16,953	16,489
53	51	92 834	17 042,497	282 398,711	16,570	16,107
54	52	92 200	16 393,313	265 356,214	16,187	15,723
55	53	91 496	15 756,049	248 962,901	15,801	15,337
56	54	90 721	15 130,918	233 206,852	15,413	14,949
57	55	89 863	14 516,053	218 075,934	15,023	14,559
58	56	88 915	13 910,751	203 559,881	14,633	14,170
59	57	87 874	13 315,193	189 649,130	14,243	13,779
60	58	86 747	12 730,663	176 333,937	13,851	13,387
61	59	85 521	12 155,621	163 603,274	13,459	12,995
62	60	84 197	11 590,789	151 447,654	13,066	12,603
63	61	82 753	11 033,374	139 856,865	12,676	12,212
64	62	81 214	10 487,420	128 823,491	12,284	11,820
65	63	79 566	9 951,119	118 336,071	11,892	11,428
66	64	77 810	9 425,219	108 384,952	11,499	11,036
67	65	75 946	8 909,871	98 959,733	11,107	10,643
68	66	73 985	8 406,576	90 049,862	10,712	10,248
69	67	71 930	7 915,826	81 643,286	10,314	9,850
70	68	69 745	7 433,734	73 727,461	9,918	9,454
71	69	67 476	6 965,499	66 293,726	9,517	9,054
72	70	65 053	6 503,993	59 328,228	9,122	8,658
73	71	62 551	6 057,042	52 824,235	8,721	8,258
74	72	59 921	5 619,679	46 767,192	8,322	7,858
75	73	57 198	5 195,477	41 147,514	7,920	7,456
76	74	54 367	4 782,929	35 952,036	7,517	7,053
77	75	51 412	4 380,594	31 169,107	7,115	6,652
78	76	48 372	3 991,774	26 788,513	6,711	6,247
79	77	45 176	3 610,748	22 796,739	6,314	5,850
80	78	41 876	3 241,585	19 185,991	5,919	5,455
81	79	38 428	2 881,095	15 944,406	5,534	5,071
82	80	34 819	2 528,335	13 063,312	5,167	4,703
83	81	31 112	2 188,038	10 534,977	4,815	4,351
84	82	27 358	1 863,463	8 346,939	4,479	4,016
85	83	23 615	1 557,855	6 483,476	4,162	3,698
86	84	19 944	1 274,265	4 925,621	3,865	3,402
87	85	16 450	1 017,930	3 651,357	3,587	3,123
88	86	13 190	790,512	2 633,427	3,331	2,868
89	87	10 249	594,956	1 842,914	3,098	2,634
90	88	7 702	433,003	1 247,959	2,882	2,418
91	89	5 584	304,033	814,955	2,680	2,217
92	90	3 893	205,296	510,922	2,489	2,025
93	91	2 571	131,307	305,626	2,328	1,864
94	92	1 619	80,088	174,319	2,177	1,713
95	93	960	46,006	94,231	2,048	1,585
96	94	539	25,020	48,225	1,927	1,464
97	95	281	12,641	23,205	1,836	1,372
98	96	139	6,069	10,564	1,741	1,277
99	97	64	2,684	4,494	1,675	1,211
100	98	27	1,123	1,810	1,613	1,149

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3	0	99 601	90 488,236	2 552 118,432	28,204	27,740
4	1	99 291	87 367,031	2 461 630,197	28,176	27,712
5	2	99 255	84 586,987	2 374 263,166	28,069	27,605
6	3	99 233	81 906,036	2 289 676,179	27,955	27,491
7	4	99 214	79 312,489	2 207 770,143	27,836	27,373
8	5	99 196	76 802,003	2 128 457,654	27,714	27,250
9	6	99 178	74 371,520	2 051 655,651	27,587	27,123
10	7	99 162	72 018,393	1 977 284,131	27,455	26,992
11	8	99 149	69 742,704	1 905 265,738	27,318	26,855
12	9	99 135	67 537,478	1 835 523,034	27,178	26,714
13	10	99 122	65 403,097	1 767 985,556	27,032	26,569
14	11	99 106	63 334,625	1 702 582,459	26,882	26,419
15	12	99 085	61 327,977	1 639 247,834	26,729	26,266
16	13	99 062	59 383,397	1 577 919,857	26,572	26,108
17	14	99 028	57 494,536	1 518 536,460	26,412	25,948
18	15	98 992	55 664,348	1 461 041,924	26,247	25,784
19	16	98 942	53 884,987	1 405 377,576	26,081	25,617
20	17	98 888	52 160,414	1 351 492,590	25,910	25,447
21	18	98 832	50 489,869	1 299 332,176	25,735	25,271
22	19	98 772	48 871,152	1 248 842,307	25,554	25,090
23	20	98 710	47 303,092	1 199 971,155	25,368	24,904
24	21	98 651	45 786,903	1 152 668,064	25,175	24,711
25	22	98 588	44 317,302	1 106 881,160	24,976	24,513
26	23	98 529	42 896,545	1 062 563,858	24,770	24,307
27	24	98 466	41 519,753	1 019 667,314	24,559	24,095
28	25	98 403	40 187,032	978 147,561	24,340	23,876
29	26	98 336	38 895,793	937 960,529	24,115	23,651
30	27	98 267	37 644,733	899 064,736	23,883	23,419
31	28	98 190	36 431,480	861 420,003	23,645	23,181
32	29	98 107	35 254,686	824 988,523	23,401	22,937
33	30	98 019	34 114,496	789 733,837	23,150	22,686
34	31	97 916	33 006,029	755 619,340	22,893	22,430
35	32	97 810	31 932,468	722 613,312	22,629	22,166
36	33	97 698	30 891,930	690 680,843	22,358	21,894
37	34	97 579	29 883,059	659 788,913	22,079	21,615
38	35	97 444	28 902,332	629 905,854	21,794	21,331
39	36	97 300	27 951,162	601 003,522	21,502	21,038
40	37	97 147	27 028,788	573 052,360	21,202	20,738
41	38	96 981	26 133,191	546 023,572	20,894	20,430
42	39	96 793	25 261,589	519 890,381	20,580	20,117
43	40	96 595	24 416,493	494 628,792	20,258	19,794
44	41	96 380	23 595,333	470 212,298	19,928	19,465
45	42	96 136	22 794,648	446 616,965	19,593	19,129
46	43	95 871	22 016,409	423 822,317	19,250	18,787
47	44	95 576	21 257,610	401 805,908	18,902	18,438
48	45	95 257	20 519,797	380 548,298	18,545	18,082
49	46	94 894	19 798,282	360 028,501	18,185	17,721
50	47	94 497	19 094,841	340 230,219	17,818	17,354
51	48	94 054	18 407,057	321 135,378	17,446	16,983
52	49	93 556	17 733,348	302 728,321	17,071	16,608
53	50	93 006	17 074,139	284 994,973	16,692	16,228
54	51	92 398	16 428,515	267 920,835	16,308	15,845
55	52	91 710	15 792,893	251 492,320	15,924	15,461
56	53	90 955	15 169,869	235 699,427	15,537	15,074
57	54	90 124	14 558,107	220 529,557	15,148	14,685
58	55	89 204	13 956,045	205 971,451	14,759	14,295
59	56	88 190	13 362,992	192 015,406	14,369	13,906
60	57	87 089	12 780,817	178 652,414	13,978	13,515
61	58	85 894	12 208,721	165 871,598	13,586	13,123
62	59	84 595	11 645,597	153 662,876	13,195	12,731
63	60	83 192	11 091,894	142 017,279	12,804	12,340
64	61	81 679	10 547,391	130 925,385	12,413	11,949
65	62	80 057	10 012,541	120 377,994	12,023	11,559
66	63	78 339	9 489,261	110 365,453	11,631	11,167
67	64	76 518	8 976,953	100 876,192	11,237	10,774
68	65	74 579	8 474,118	91 899,239	10,845	10,381
69	66	72 566	7 985,798	83 425,121	10,447	9,983
70	67	70 412	7 504,897	75 439,323	10,052	9,588
71	68	68 189	7 039,169	67 934,426	9,651	9,187
72	69	65 813	6 580,022	60 895,257	9,255	8,791
73	70	63 349	6 134,327	54 315,235	8,854	8,391
74	71	60 753	5 697,748	48 180,908	8,456	7,993
75	72	58 058	5 273,598	42 483,159	8,056	7,592
76	73	55 275	4 862,757	37 209,561	7,652	7,188
77	74	52 346	4 460,178	32 346,804	7,252	6,789
78	75	49 320	4 070,046	27 886,626	6,852	6,388
79	76	46 172	3 690,334	23 816,580	6,454	5,990
80	77	42 896	3 320,603	20 126,246	6,061	5,597
81	78	39 513	2 962,407	16 805,643	5,673	5,209
82	79	35 949	2 610,337	13 843,236	5,303	4,840
83	80	32 289	2 270,836	11 232,899	4,947	4,483
84	81	28 578	1 946,529	8 962,063	4,604	4,141
85	82	24 841	1 638,776	7 015,534	4,281	3,817
86	83	21 143	1 350,875	5 376,758	3,980	3,517
87	84	17 596	1 088,885	4 025,883	3,697	3,234
88	85	14 276	855,648	2 936,999	3,432	2,969
89	86	11 228	651,778	2 081,350	3,193	2,730
90	87	8 557	481,086	1 429,573	2,972	2,508
91	88	6 304	343,231	948,487	2,763	2,300
92	89	4 472	235,842	605,256	2,566	2,103
93	90	3 015	154,021	369,414	2,398	1,935
94	91	1 945	96,217	215,393	2,239	1,775
95	92	1 182	56,623	119,176	2,105	1,641
96	93	682	31,630	62,553	1,978	1,514
97	94	365	16,421	30,922	1,883	1,419
98	95	187	8,122	14,502	1,785	1,322
99	96	89	3,757	6,379	1,698	1,234
100	97	39	1,602	2,622	1,637	1,173

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4	0	99 590	87 630,390	2 464 808,535	28,127	27,664
5	1	99 280	84 607,964	2 377 178,145	28,096	27,633
6	2	99 245	81 916,212	2 292 570,181	27,987	27,523
7	3	99 224	79 320,669	2 210 653,968	27,870	27,406
8	4	99 205	76 809,353	2 131 333,300	27,748	27,285
9	5	99 187	74 378,146	2 054 523,947	27,623	27,159
10	6	99 170	72 024,765	1 980 145,801	27,493	27,029
11	7	99 154	69 745,944	1 908 121,037	27,358	26,895
12	8	99 142	67 542,185	1 838 375,093	27,218	26,755
13	9	99 128	65 407,098	1 770 832,908	27,074	26,610
14	10	99 112	63 338,330	1 705 425,810	26,926	26,462
15	11	99 093	61 332,720	1 642 087,480	26,773	26,310
16	12	99 070	59 388,061	1 580 754,760	26,617	26,154
17	13	99 037	57 499,953	1 521 366,700	26,459	25,995
18	14	99 001	55 669,481	1 463 866,747	26,296	25,832
19	15	98 954	53 891,543	1 408 197,266	26,130	25,667
20	16	98 902	52 168,095	1 354 305,722	25,960	25,497
21	17	98 845	50 496,745	1 302 137,627	25,787	25,323
22	18	98 791	48 880,782	1 251 640,883	25,606	25,142
23	19	98 727	47 311,361	1 202 760,100	25,422	24,959
24	20	98 670	45 795,370	1 155 448,739	25,231	24,767
25	21	98 604	44 324,611	1 109 653,369	25,035	24,571
26	22	98 545	42 903,530	1 065 328,758	24,831	24,367
27	23	98 484	41 527,226	1 022 425,228	24,621	24,157
28	24	98 421	40 194,264	980 898,002	24,404	23,940
29	25	98 355	38 903,193	940 703,738	24,181	23,717
30	26	98 285	37 651,819	901 800,545	23,951	23,487
31	27	98 211	36 439,321	864 148,726	23,715	23,251
32	28	98 130	35 262,996	827 709,404	23,472	23,009
33	29	98 045	34 123,326	792 446,409	23,223	22,759
34	30	97 947	33 016,499	758 323,082	22,968	22,504
35	31	97 841	31 942,498	725 306,583	22,707	22,243
36	32	97 732	30 902,519	693 364,085	22,437	21,974
37	33	97 614	29 893,830	662 461,566	22,160	21,697
38	34	97 484	28 914,071	632 567,736	21,878	21,414
39	35	97 340	27 962,686	603 653,665	21,588	21,124
40	36	97 191	27 041,187	575 690,979	21,289	20,826
41	37	97 027	26 145,602	548 649,792	20,984	20,521
42	38	96 851	25 276,838	522 504,191	20,671	20,208
43	39	96 653	24 431,180	497 227,353	20,352	19,889
44	40	96 447	23 611,524	472 796,173	20,024	19,560
45	41	96 207	22 811,534	449 184,649	19,691	19,227
46	42	95 948	22 033,898	426 373,115	19,351	18,887
47	43	95 663	21 276,931	404 339,217	19,004	18,540
48	44	95 349	20 539,733	383 062,286	18,650	18,186
49	45	95 004	19 821,120	362 522,553	18,290	17,826
50	46	94 612	19 118,117	342 701,432	17,925	17,462
51	47	94 183	18 432,315	323 583,315	17,555	17,092
52	48	93 706	17 761,661	305 151,000	17,180	16,717
53	49	93 169	17 104,038	287 389,339	16,802	16,339
54	50	92 569	16 459,017	270 285,302	16,422	15,958
55	51	91 907	15 826,805	253 826,285	16,038	15,574
56	52	91 167	15 205,343	237 999,480	15,652	15,189
57	53	90 356	14 595,583	222 794,137	15,264	14,801
58	54	89 463	13 996,476	208 198,553	14,875	14,411
59	55	88 477	13 406,502	194 202,077	14,486	14,022
60	56	87 401	12 826,697	180 795,575	14,095	13,632
61	57	86 233	12 256,819	167 968,878	13,704	13,240
62	58	84 965	11 696,470	155 712,060	13,313	12,849
63	59	83 585	11 144,343	144 015,589	12,923	12,459
64	60	82 112	10 603,334	132 871,246	12,531	12,067
65	61	80 515	10 069,796	122 267,912	12,142	11,678
66	62	78 822	9 547,832	112 198,116	11,751	11,288
67	63	77 038	9 037,949	102 650,284	11,358	10,894
68	64	75 141	8 537,919	93 612,335	10,964	10,501
69	65	73 149	8 049,960	85 074,416	10,568	10,105
70	66	71 035	7 571,237	77 024,456	10,173	9,710
71	67	68 842	7 106,554	69 453,219	9,773	9,309
72	68	66 509	6 649,615	62 346,665	9,376	8,912
73	69	64 090	6 206,036	55 697,049	8,975	8,511
74	70	61 528	5 770,449	49 491,014	8,577	8,113
75	71	58 864	5 346,860	43 720,565	8,177	7,713
76	72	56 106	4 935,875	38 373,705	7,774	7,311
77	73	53 220	4 534,619	33 437,831	7,374	6,910
78	74	50 216	4 143,988	28 903,211	6,975	6,511
79	75	47 078	3 762,696	24 759,223	6,580	6,117
80	76	43 842	3 393,794	20 996,528	6,187	5,723
81	77	40 476	3 034,620	17 602,734	5,801	5,337
82	78	36 963	2 684,008	14 568,114	5,428	4,964
83	79	33 337	2 344,486	11 884,106	5,069	4,605
84	80	29 659	2 020,188	9 539,619	4,722	4,259
85	81	25 949	1 711,826	7 519,431	4,393	3,929
86	82	22 241	1 421,044	5 807,605	4,087	3,623
87	83	18 654	1 154,350	4 386,561	3,800	3,336
88	84	15 272	915,292	3 232,211	3,531	3,068
89	85	12 154	705,482	2 316,919	3,284	2,821
90	86	9 374	527,032	1 611,437	3,058	2,594
91	87	7 003	381,345	1 084,405	2,844	2,380
92	88	5 049	266,248	703,060	2,641	2,177
93	89	3 464	176,938	436,812	2,469	2,005
94	90	2 281	112,862	259,874	2,303	1,839
95	91	1 420	68,026	147,013	2,161	1,697
96	92	839	38,930	78,986	2,029	1,565
97	93	462	20,759	40,057	1,930	1,466
98	94	242	10,551	19,298	1,829	1,365
99	95	119	5,028	8,747	1,740	1,276
100	96	55	2,242	3,719	1,659	1,195

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5	0	99 579	84 863,007	2 380 114,426	28,047	27,583
6	1	99 270	81 936,528	2 295 251,420	28,013	27,549
7	2	99 236	79 330,524	2 213 314,892	27,900	27,436
8	3	99 215	76 817,275	2 133 984,368	27,780	27,316
9	4	99 197	74 385,263	2 057 167,093	27,656	27,192
10	5	99 179	72 031,181	1 982 781,830	27,527	27,063
11	6	99 163	69 752,114	1 910 750,649	27,393	26,930
12	7	99 146	67 545,323	1 840 998,535	27,256	26,792
13	8	99 135	65 411,656	1 773 453,213	27,112	26,649
14	9	99 118	63 342,205	1 708 041,556	26,965	26,502
15	10	99 099	61 336,307	1 644 699,351	26,814	26,351
16	11	99 077	59 392,653	1 583 363,044	26,659	26,196
17	12	99 045	57 504,469	1 523 970,390	26,502	26,038
18	13	99 010	55 674,726	1 466 465,922	26,340	25,876
19	14	98 963	53 896,513	1 410 791,196	26,176	25,712
20	15	98 914	52 174,443	1 356 894,683	26,007	25,543
21	16	98 860	50 504,181	1 304 720,240	25,834	25,370
22	17	98 805	48 887,439	1 254 216,058	25,655	25,192
23	18	98 747	47 320,684	1 205 328,620	25,471	25,008
24	19	98 687	45 803,376	1 158 007,935	25,282	24,819
25	20	98 623	44 332,807	1 112 204,559	25,088	24,624
26	21	98 561	42 910,606	1 067 871,752	24,886	24,422
27	22	98 500	41 533,988	1 024 961,146	24,678	24,214
28	23	98 438	40 201,499	983 427,158	24,462	23,999
29	24	98 373	38 910,195	943 225,659	24,241	23,777
30	25	98 304	37 658,982	904 315,464	24,013	23,550
31	26	98 230	36 446,180	866 656,482	23,779	23,315
32	27	98 151	35 270,585	830 210,302	23,538	23,075
33	28	98 068	34 131,369	794 939,716	23,291	22,827
34	29	97 973	33 025,045	760 808,347	23,037	22,574
35	30	97 872	31 952,631	727 783,302	22,777	22,313
36	31	97 763	30 912,225	695 830,671	22,510	22,046
37	32	97 648	29 904,076	664 918,446	22,235	21,771
38	33	97 519	28 924,493	635 014,369	21,954	21,491
39	34	97 380	27 974,044	606 089,876	21,666	21,203
40	35	97 232	27 052,336	578 115,833	21,370	20,907
41	36	97 071	26 157,595	551 063,497	21,067	20,603
42	37	96 897	25 288,841	524 905,902	20,756	20,293
43	38	96 712	24 445,927	499 617,061	20,438	19,974
44	39	96 505	23 625,726	475 171,134	20,112	19,649
45	40	96 273	22 827,187	451 545,407	19,781	19,317
46	41	96 019	22 050,221	428 718,220	19,443	18,979
47	42	95 739	21 293,833	406 667,999	19,098	18,634
48	43	95 436	20 558,401	385 374,166	18,745	18,282
49	44	95 096	19 840,377	364 815,765	18,388	17,924
50	45	94 722	19 140,171	344 975,388	18,024	17,560
51	46	94 298	18 454,784	325 835,217	17,656	17,192
52	47	93 834	17 786,033	307 380,432	17,282	16,818
53	48	93 318	17 131,346	289 594,399	16,904	16,441
54	49	92 731	16 487,839	272 463,054	16,525	16,061
55	50	92 077	15 856,190	255 975,215	16,144	15,680
56	51	91 363	15 237,993	240 119,025	15,758	15,294
57	52	90 567	14 629,714	224 881,032	15,372	14,908
58	53	89 693	14 032,507	210 251,318	14,983	14,520
59	54	88 733	13 445,341	196 218,811	14,594	14,130
60	55	87 686	12 868,461	182 773,469	14,203	13,740
61	56	86 542	12 300,818	169 905,008	13,812	13,349
62	57	85 299	11 742,549	157 604,190	13,422	12,958
63	58	83 950	11 193,026	145 861,641	13,031	12,568
64	59	82 500	10 653,473	134 668,614	12,641	12,177
65	60	80 942	10 123,206	124 015,141	12,251	11,787
66	61	79 273	9 602,430	113 891,935	11,861	11,397
67	62	77 513	9 093,734	104 289,506	11,468	11,005
68	63	75 651	8 595,932	95 195,772	11,075	10,611
69	64	73 700	8 110,567	86 599,839	10,677	10,214
70	65	71 606	7 632,068	78 489,272	10,284	9,821
71	66	69 451	7 169,373	70 857,204	9,883	9,420
72	67	67 146	6 713,272	63 687,830	9,487	9,023
73	68	64 768	6 271,673	56 974,558	9,084	8,621
74	69	62 247	5 837,904	50 702,886	8,685	8,221
75	70	59 616	5 415,083	44 864,982	8,285	7,822
76	71	56 885	5 004,445	39 449,899	7,883	7,419
77	72	54 020	4 602,803	34 445,454	7,484	7,020
78	73	51 054	4 213,152	29 842,651	7,083	6,620
79	74	47 933	3 831,054	25 629,499	6,690	6,226
80	75	44 702	3 460,341	21 798,445	6,300	5,836
81	76	41 368	3 101,507	18 338,105	5,913	5,449
82	77	37 864	2 749,435	15 236,598	5,542	5,078
83	78	34 278	2 410,654	12 487,163	5,180	4,716
84	79	30 621	2 085,709	10 076,508	4,831	4,368
85	80	26 931	1 776,604	7 990,799	4,498	4,034
86	81	23 232	1 484,389	6 214,195	4,186	3,723
87	82	19 623	1 214,311	4 729,806	3,895	3,431
88	83	16 190	970,320	3 515,495	3,623	3,159
89	84	13 001	754,658	2 545,175	3,373	2,909
90	85	10 147	570,458	1 790,517	3,139	2,675
91	86	7 672	417,765	1 220,059	2,920	2,457
92	87	5 609	295,813	802,293	2,712	2,249
93	88	3 911	199,750	506,480	2,536	2,072
94	89	2 621	129,654	306,730	2,366	1,902
95	90	1 665	79,794	177,076	2,219	1,756
96	91	1 008	46,770	97,282	2,080	1,616
97	92	568	25,549	50,512	1,977	1,513
98	93	306	13,338	24,963	1,872	1,408
99	94	155	6,531	11,625	1,780	1,316
100	95	73	3,001	5,093	1,697	1,234

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	82 183,517	2 297 962,340	27,961	27,498
7	1	99 261	79 350,198	2 215 778,822	27,924	27,460
8	2	99 228	76 826,819	2 136 428,625	27,808	27,345
9	3	99 207	74 392,935	2 059 601,806	27,685	27,222
10	4	99 189	72 038,074	1 985 208,871	27,558	27,094
11	5	99 171	69 758,328	1 913 170,797	27,426	26,962
12	6	99 155	67 551,298	1 843 412,469	27,289	26,825
13	7	99 139	65 414,695	1 775 861,170	27,148	26,684
14	8	99 125	63 346,619	1 710 446,475	27,001	26,538
15	9	99 105	61 340,060	1 647 099,856	26,852	26,388
16	10	99 083	59 396,128	1 585 759,796	26,698	26,234
17	11	99 053	57 508,916	1 526 363,668	26,541	26,078
18	12	99 018	55 679,098	1 468 854,753	26,381	25,917
19	13	98 972	53 901,591	1 413 175,654	26,218	25,754
20	14	98 923	52 179,254	1 359 274,063	26,050	25,586
21	15	98 872	50 510,327	1 307 094,809	25,878	25,414
22	16	98 819	48 894,638	1 256 584,482	25,700	25,236
23	17	98 760	47 327,129	1 207 689,844	25,518	25,054
24	18	98 706	45 812,402	1 160 362,715	25,329	24,865
25	19	98 640	44 340,558	1 114 550,314	25,136	24,673
26	20	98 579	42 918,541	1 070 209,756	24,936	24,472
27	21	98 516	41 540,838	1 027 291,216	24,730	24,266
28	22	98 454	40 208,045	985 750,377	24,516	24,053
29	23	98 391	38 917,198	945 542,332	24,296	23,833
30	24	98 322	37 665,760	906 625,134	24,070	23,607
31	25	98 249	36 453,115	868 959,374	23,838	23,374
32	26	98 169	35 277,224	832 506,259	23,599	23,135
33	27	98 089	34 138,715	797 229,035	23,353	22,889
34	28	97 996	33 032,829	763 090,319	23,101	22,637
35	29	97 897	31 960,902	730 057,490	22,842	22,379
36	30	97 794	30 922,031	698 096,589	22,576	22,112
37	31	97 679	29 913,469	667 174,557	22,303	21,840
38	32	97 552	28 934,407	637 261,088	22,024	21,561
39	33	97 415	27 984,127	608 326,681	21,738	21,275
40	34	97 271	27 063,323	580 342,554	21,444	20,980
41	35	97 111	26 168,380	553 279,231	21,143	20,679
42	36	96 942	25 300,442	527 110,851	20,834	20,370
43	37	96 758	24 457,536	501 810,410	20,518	20,054
44	38	96 563	23 639,987	477 352,873	20,193	19,729
45	39	96 331	22 840,918	453 712,886	19,864	19,400
46	40	96 085	22 065,351	430 871,969	19,527	19,063
47	41	95 809	21 309,608	408 806,617	19,184	18,721
48	42	95 512	20 574,733	387 497,010	18,834	18,370
49	43	95 183	19 858,410	366 922,277	18,477	18,013
50	44	94 814	19 158,766	347 063,867	18,115	17,652
51	45	94 407	18 476,073	327 905,101	17,748	17,284
52	46	93 949	17 807,714	309 429,028	17,376	16,912
53	47	93 446	17 154,853	291 621,314	16,999	16,536
54	48	92 879	16 514,163	274 466,461	16,620	16,156
55	49	92 238	15 883,956	257 952,298	16,240	15,776
56	50	91 533	15 266,285	242 068,341	15,856	15,393
57	51	90 761	14 661,128	226 802,057	15,470	15,006
58	52	89 903	14 065,321	212 140,928	15,083	14,619
59	53	88 961	13 479,953	198 075,607	14,694	14,230
60	54	87 940	12 905,742	184 595,654	14,303	13,840
61	55	86 824	12 340,870	171 689,912	13,912	13,449
62	56	85 606	11 784,703	159 349,042	13,522	13,058
63	57	84 281	11 237,122	147 564,339	13,132	12,668
64	58	82 861	10 700,011	136 327,217	12,741	12,277
65	59	81 324	10 171,075	125 627,205	12,351	11,888
66	60	79 693	9 653,361	115 456,131	11,960	11,497
67	61	77 957	9 145,735	105 802,770	11,569	11,105
68	62	76 118	8 648,989	96 657,035	11,176	10,712
69	63	74 200	8 165,677	88 008,046	10,778	10,314
70	64	72 145	7 689,530	79 842,369	10,383	9,920
71	65	70 009	7 226,975	72 152,839	9,984	9,520
72	66	67 739	6 772,614	64 925,864	9,587	9,123
73	67	65 388	6 331,711	58 153,249	9,184	8,721
74	68	62 906	5 899,647	51 821,538	8,784	8,320
75	69	60 312	5 478,384	45 921,891	8,382	7,919
76	70	57 611	5 068,299	40 443,507	7,980	7,516
77	71	54 771	4 666,746	35 375,208	7,580	7,117
78	72	51 822	4 276,502	30 708,462	7,181	6,717
79	73	48 733	3 894,995	26 431,960	6,786	6,323
80	74	45 514	3 523,206	22 536,965	6,397	5,933
81	75	42 179	3 162,323	19 013,759	6,013	5,549
82	76	38 699	2 810,036	15 851,436	5,641	5,177
83	77	35 113	2 469,418	13 041,400	5,281	4,818
84	78	31 485	2 144,574	10 571,983	4,930	4,466
85	79	27 804	1 834,225	8 427,409	4,595	4,131
86	80	24 111	1 540,560	6 593,184	4,280	3,816
87	81	20 498	1 268,440	5 052,624	3,983	3,520
88	82	17 031	1 020,722	3 784,183	3,707	3,244
89	83	13 782	800,029	2 763,461	3,454	2,991
90	84	10 854	610,222	1 963,432	3,218	2,754
91	85	8 305	452,188	1 353,210	2,993	2,529
92	86	6 145	324,065	901,022	2,780	2,317
93	87	4 345	221,931	576,957	2,600	2,136
94	88	2 959	146,370	355,026	2,426	1,962
95	89	1 913	91,666	208,656	2,276	1,813
96	90	1 182	54,861	116,990	2,132	1,669
97	91	683	30,695	62,129	2,024	1,560
98	92	377	16,416	31,434	1,915	1,451
99	93	196	8,257	15,018	1,819	1,355
100	94	95	3,898	6,761	1,734	1,271

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 560	79 589,391	2 218 280,557	27,872	27,408
8	1	99 252	76 845,872	2 138 691,166	27,831	27,367
9	2	99 219	74 402,178	2 061 845,294	27,712	27,249
10	3	99 199	72 045,504	1 987 443,116	27,586	27,122
11	4	99 181	69 765,004	1 915 397,612	27,455	26,991
12	5	99 164	67 557,316	1 845 632,608	27,320	26,856
13	6	99 148	65 420,482	1 778 075,292	27,179	26,716
14	7	99 130	63 349,562	1 712 654,810	27,035	26,571
15	8	99 112	61 344,335	1 649 305,248	26,886	26,422
16	9	99 089	59 399,761	1 587 960,913	26,733	26,270
17	10	99 058	57 512,280	1 528 561,152	26,578	26,114
18	11	99 025	55 683,404	1 471 048,872	26,418	25,954
19	12	98 980	53 905,824	1 415 365,468	26,256	25,793
20	13	98 933	52 184,171	1 361 459,644	26,090	25,626
21	14	98 881	50 514,984	1 309 275,473	25,919	25,455
22	15	98 832	48 900,588	1 258 760,489	25,741	25,278
23	16	98 775	47 334,098	1 209 859,901	25,560	25,096
24	17	98 720	45 818,640	1 162 525,802	25,372	24,909
25	18	98 659	44 349,295	1 116 707,162	25,180	24,716
26	19	98 597	42 926,044	1 072 357,867	24,982	24,518
27	20	98 534	41 548,520	1 029 431,823	24,777	24,313
28	21	98 471	40 214,677	987 883,303	24,565	24,102
29	22	98 407	38 923,535	947 668,627	24,347	23,883
30	23	98 339	37 672,540	908 745,091	24,122	23,659
31	24	98 266	36 459,675	871 072,552	23,891	23,428
32	25	98 188	35 283,936	834 612,877	23,654	23,191
33	26	98 107	34 145,141	799 328,940	23,410	22,946
34	27	98 017	33 039,939	765 183,799	23,159	22,696
35	28	97 920	31 968,435	732 143,860	22,902	22,438
36	29	97 819	30 930,035	700 175,425	22,637	22,174
37	30	97 709	29 922,959	669 245,391	22,366	21,902
38	31	97 583	28 943,495	639 322,432	22,089	21,625
39	32	97 448	27 993,719	610 378,937	21,804	21,341
40	33	97 306	27 073,079	582 385,218	21,512	21,048
41	34	97 151	26 179,008	555 312,139	21,212	20,748
42	35	96 982	25 310,873	529 133,131	20,905	20,442
43	36	96 802	24 468,755	503 822,258	20,590	20,127
44	37	96 609	23 651,213	479 353,503	20,268	19,804
45	38	96 389	22 854,705	455 702,290	19,939	19,475
46	39	96 142	22 078,624	432 847,585	19,605	19,141
47	40	95 875	21 324,230	410 768,961	19,263	18,799
48	41	95 583	20 589,975	389 444,732	18,914	18,451
49	42	95 258	19 874,185	368 854,757	18,559	18,096
50	43	94 900	19 176,180	348 980,572	18,199	17,735
51	44	94 498	18 494,023	329 804,392	17,833	17,369
52	45	94 057	17 828,256	311 310,369	17,462	16,998
53	46	93 560	17 175,765	293 482,113	17,087	16,623
54	47	93 007	16 536,823	276 306,348	16,709	16,245
55	48	92 386	15 909,316	259 769,525	16,328	15,865
56	49	91 693	15 293,018	243 860,208	15,946	15,482
57	50	90 930	14 688,349	228 567,190	15,561	15,097
58	51	90 096	14 095,524	213 878,841	15,174	14,710
59	52	89 169	13 511,475	199 783,318	14,786	14,323
60	53	88 166	12 938,965	186 271,843	14,396	13,933
61	54	87 075	12 376,622	173 332,878	14,005	13,541
62	55	85 884	11 823,074	160 956,256	13,614	13,150
63	56	84 583	11 277,461	149 133,182	13,224	12,760
64	57	83 187	10 742,165	137 855,720	12,833	12,370
65	58	81 680	10 215,506	127 113,555	12,443	11,980
66	59	80 070	9 699,008	116 898,049	12,053	11,589
67	60	78 370	9 194,244	107 199,041	11,659	11,196
68	61	76 554	8 698,447	98 004,797	11,267	10,803
69	62	74 658	8 216,078	89 306,350	10,870	10,406
70	63	72 635	7 741,778	81 090,272	10,474	10,011
71	64	70 536	7 281,387	73 348,494	10,073	9,610
72	65	68 284	6 827,029	66 067,107	9,677	9,214
73	66	65 966	6 387,681	59 240,078	9,274	8,810
74	67	63 508	5 956,125	52 852,397	8,874	8,410
75	68	60 950	5 536,325	46 896,273	8,471	8,007
76	69	58 285	5 127,546	41 359,948	8,066	7,603
77	70	55 470	4 726,291	36 232,402	7,666	7,203
78	71	52 542	4 335,912	31 506,111	7,266	6,803
79	72	49 466	3 953,561	27 170,199	6,872	6,409
80	73	46 273	3 582,009	23 216,637	6,481	6,018
81	74	42 946	3 219,774	19 634,629	6,098	5,635
82	75	39 458	2 865,136	16 414,855	5,729	5,266
83	76	35 887	2 523,847	13 549,718	5,369	4,905
84	77	32 253	2 196,851	11 025,871	5,019	4,555
85	78	28 589	1 885,992	8 829,020	4,681	4,218
86	79	24 893	1 590,526	6 943,029	4,365	3,902
87	80	21 273	1 316,440	5 352,503	4,066	3,602
88	81	17 790	1 066,222	4 036,063	3,785	3,322
89	82	14 498	841,585	2 969,841	3,529	3,065
90	83	11 507	646,910	2 128,256	3,290	2,826
91	84	8 883	483,708	1 481,346	3,062	2,599
92	85	6 651	350,767	997,638	2,844	2,381
93	86	4 760	243,127	646,871	2,661	2,197
94	87	3 287	162,623	403,745	2,483	2,019
95	88	2 160	103,485	241,121	2,330	1,866
96	89	1 358	63,023	137,637	2,184	1,720
97	90	801	36,005	74,613	2,072	1,609
98	91	453	19,723	38,608	1,958	1,494
99	92	241	10,162	18,886	1,858	1,395
100	93	121	4,928	8,724	1,770	1,307

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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3						
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7						
8	0	99 552	77 077,516	2 140 999,229	27,777	27,314
9	1	99 244	74 420,630	2 063 921,712	27,733	27,270
10	2	99 211	72 054,455	1 989 501,083	27,611	27,147
11	3	99 191	69 772,199	1 917 446,628	27,482	27,018
12	4	99 173	67 563,781	1 847 674,429	27,347	26,883
13	5	99 157	65 426,310	1 780 110,648	27,208	26,744
14	6	99 139	63 355,167	1 714 684,337	27,065	26,601
15	7	99 116	61 347,184	1 651 329,170	26,918	26,454
16	8	99 096	59 403,901	1 589 981,986	26,766	26,302
17	9	99 065	57 515,798	1 530 578,085	26,611	26,148
18	10	99 031	55 686,662	1 473 062,287	26,453	25,989
19	11	98 988	53 909,993	1 417 375,626	26,292	25,828
20	12	98 940	52 188,269	1 363 465,633	26,126	25,662
21	13	98 890	50 519,744	1 311 277,364	25,956	25,492
22	14	98 841	48 905,097	1 260 757,620	25,780	25,316
23	15	98 787	47 339,858	1 211 852,522	25,599	25,135
24	16	98 734	45 825,388	1 164 512,664	25,412	24,948
25	17	98 673	44 355,335	1 118 687,276	25,221	24,757
26	18	98 616	42 934,502	1 074 331,942	25,023	24,559
27	19	98 551	41 555,783	1 031 397,439	24,820	24,356
28	20	98 489	40 222,113	989 841,656	24,609	24,146
29	21	98 423	38 929,955	949 619,543	24,393	23,929
30	22	98 355	37 678,674	910 689,588	24,170	23,706
31	23	98 284	36 466,238	873 010,914	23,940	23,477
32	24	98 206	35 290,286	836 544,677	23,705	23,241
33	25	98 126	34 151,638	801 254,390	23,462	22,998
34	26	98 035	33 046,158	767 102,752	23,213	22,749
35	27	97 942	31 975,315	734 056,594	22,957	22,493
36	28	97 842	30 937,325	702 081,279	22,694	22,230
37	29	97 735	29 930,704	671 143,954	22,423	21,960
38	30	97 614	28 952,677	641 213,250	22,147	21,683
39	31	97 479	28 002,511	612 260,573	21,864	21,401
40	32	97 339	27 082,358	584 258,062	21,573	21,110
41	33	97 186	26 188,445	557 175,704	21,276	20,812
42	34	97 021	25 321,153	530 987,259	20,970	20,506
43	35	96 842	24 478,844	505 666,106	20,657	20,194
44	36	96 653	23 662,063	481 187,262	20,336	19,872
45	37	96 435	22 865,558	457 525,200	20,009	19,546
46	38	96 200	22 091,951	434 659,642	19,675	19,211
47	39	95 933	21 337,057	412 567,691	19,336	18,872
48	40	95 648	20 604,103	391 230,635	18,988	18,524
49	41	95 329	19 888,908	370 626,532	18,635	18,171
50	42	94 975	19 191,413	350 737,624	18,276	17,812
51	43	94 584	18 510,832	331 546,211	17,911	17,447
52	44	94 149	17 845,577	313 035,379	17,541	17,078
53	45	93 668	17 195,578	295 189,802	17,167	16,703
54	46	93 120	16 556,982	277 994,224	16,790	16,327
55	47	92 512	15 931,147	261 437,242	16,410	15,947
56	48	91 839	15 317,435	245 506,095	16,028	15,564
57	49	91 089	14 714,070	230 188,660	15,644	15,180
58	50	90 263	14 121,694	215 474,590	15,258	14,795
59	51	89 361	13 540,488	201 352,896	14,870	14,407
60	52	88 373	12 969,222	187 812,408	14,481	14,018
61	53	87 300	12 408,483	174 843,186	14,091	13,627
62	54	86 133	11 857,326	162 434,703	13,699	13,235
63	55	84 859	11 314,181	150 577,377	13,309	12,845
64	56	83 486	10 780,727	139 263,196	12,918	12,454
65	57	82 001	10 255,751	128 482,469	12,528	12,064
66	58	80 420	9 741,377	118 226,718	12,137	11,673
67	59	78 741	9 237,720	108 485,341	11,744	11,280
68	60	76 960	8 744,583	99 247,621	11,350	10,886
69	61	75 085	8 263,061	90 503,037	10,953	10,489
70	62	73 083	7 789,563	82 239,977	10,558	10,094
71	63	71 015	7 330,862	74 450,414	10,156	9,692
72	64	68 798	6 878,429	67 119,552	9,758	9,294
73	65	66 496	6 439,003	60 241,123	9,356	8,892
74	66	64 069	6 008,774	53 802,120	8,954	8,490
75	67	61 534	5 589,324	47 793,346	8,551	8,087
76	68	58 901	5 181,776	42 204,022	8,145	7,681
77	69	56 118	4 781,540	37 022,245	7,743	7,279
78	70	53 212	4 391,236	32 240,705	7,342	6,878
79	71	50 153	4 008,485	27 849,469	6,948	6,484
80	72	46 969	3 635,869	23 840,984	6,557	6,094
81	73	43 663	3 273,512	20 205,115	6,172	5,709
82	74	40 174	2 917,188	16 931,603	5,804	5,340
83	75	36 591	2 573,336	14 014,414	5,446	4,982
84	76	32 964	2 245,273	11 441,079	5,096	4,632
85	77	29 286	1 931,966	9 195,806	4,760	4,296
86	78	25 596	1 635,414	7 263,841	4,442	3,978
87	79	21 963	1 359,136	5 628,426	4,141	3,678
88	80	18 463	1 106,569	4 269,290	3,858	3,395
89	81	15 144	879,100	3 162,721	3,598	3,134
90	82	12 104	680,513	2 283,621	3,356	2,892
91	83	9 417	512,789	1 603,108	3,126	2,663
92	84	7 115	375,218	1 090,319	2,906	2,442
93	85	5 152	263,160	715,102	2,717	2,254
94	86	3 601	178,155	451,942	2,537	2,073
95	87	2 400	114,976	273,787	2,381	1,918
96	88	1 533	71,149	158,811	2,232	1,768
97	89	920	41,362	87,663	2,119	1,656
98	90	531	23,134	46,301	2,001	1,538
99	91	290	12,209	23,166	1,898	1,434
100	92	149	6,065	10,958	1,807	1,343

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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9	0	99 543	74 644,963	2 066 050,855	27,678	27,215
10	1	99 236	72 072,325	1 991 405,892	27,631	27,167
11	2	99 204	69 780,868	1 919 333,567	27,505	27,042
12	3	99 184	67 570,750	1 849 552,700	27,372	26,908
13	4	99 166	65 432,571	1 781 981,950	27,234	26,770
14	5	99 147	63 360,811	1 716 549,379	27,092	26,628
15	6	99 125	61 352,612	1 653 188,568	26,946	26,482
16	7	99 101	59 406,661	1 591 835,956	26,796	26,332
17	8	99 071	57 519,806	1 532 429,295	26,642	26,178
18	9	99 037	55 690,068	1 474 909,489	26,484	26,021
19	10	98 993	53 913,146	1 419 219,421	26,324	25,861
20	11	98 948	52 192,305	1 365 306,274	26,159	25,696
21	12	98 898	50 523,711	1 313 113,970	25,990	25,526
22	13	98 850	48 909,705	1 262 590,258	25,815	25,351
23	14	98 796	47 344,224	1 213 680,553	25,635	25,172
24	15	98 746	45 830,964	1 166 336,329	25,449	24,985
25	16	98 687	44 361,867	1 120 505,365	25,258	24,795
26	17	98 630	42 940,349	1 076 143,498	25,061	24,598
27	18	98 571	41 563,972	1 033 203,149	24,858	24,395
28	19	98 506	40 229,145	991 639,177	24,650	24,186
29	20	98 441	38 937,153	951 410,032	24,435	23,971
30	21	98 371	37 684,888	912 472,879	24,213	23,750
31	22	98 300	36 472,176	874 787,991	23,985	23,521
32	23	98 223	35 296,638	838 315,815	23,751	23,287
33	24	98 144	34 157,784	803 019,177	23,509	23,045
34	25	98 054	33 052,445	768 861,393	23,262	22,798
35	26	97 960	31 981,334	735 808,947	23,007	22,544
36	27	97 863	30 943,984	703 827,613	22,745	22,282
37	28	97 758	29 937,758	672 883,629	22,476	22,012
38	29	97 639	28 960,171	642 945,871	22,201	21,737
39	30	97 510	28 011,395	613 985,700	21,919	21,456
40	31	97 370	27 090,864	585 974,305	21,630	21,166
41	32	97 219	26 197,421	558 883,441	21,334	20,870
42	33	97 056	25 330,280	532 686,020	21,030	20,566
43	34	96 881	24 488,786	507 355,740	20,718	20,254
44	35	96 693	23 671,818	482 866,954	20,398	19,935
45	36	96 479	22 876,047	459 195,136	20,073	19,610
46	37	96 246	22 102,442	436 319,089	19,741	19,277
47	38	95 991	21 349,936	414 216,647	19,401	18,938
48	39	95 706	20 616,496	392 866,711	19,056	18,592
49	40	95 394	19 902,555	372 250,215	18,704	18,240
50	41	95 046	19 205,630	352 347,660	18,346	17,882
51	42	94 659	18 525,537	333 142,029	17,983	17,519
52	43	94 234	17 861,797	314 616,493	17,614	17,150
53	44	93 759	17 212,284	296 754,696	17,241	16,777
54	45	93 228	16 576,081	279 542,412	16,864	16,401
55	46	92 625	15 950,567	262 966,331	16,486	16,023
56	47	91 966	15 338,453	247 015,764	16,104	15,641
57	48	91 235	14 737,562	231 677,311	15,720	15,257
58	49	90 421	14 146,423	216 939,748	15,335	14,872
59	50	89 527	13 565,628	202 793,325	14,949	14,485
60	51	88 562	12 997,070	189 227,697	14,559	14,096
61	52	87 504	12 437,499	176 230,627	14,169	13,706
62	53	86 355	11 887,850	163 793,127	13,778	13,315
63	54	85 105	11 346,959	151 905,277	13,387	12,924
64	55	83 757	10 815,830	140 558,318	12,996	12,532
65	56	82 296	10 292,567	129 742,488	12,605	12,142
66	57	80 737	9 779,754	119 449,921	12,214	11,750
67	58	79 085	9 278,074	109 670,167	11,820	11,357
68	59	77 324	8 785,933	100 392,093	11,426	10,963
69	60	75 484	8 306,887	91 606,160	11,028	10,564
70	61	73 501	7 834,107	83 299,273	10,633	10,169
71	62	71 453	7 376,110	75 465,166	10,231	9,767
72	63	69 265	6 925,166	68 089,056	9,832	9,368
73	64	66 996	6 487,482	61 163,890	9,428	8,964
74	65	64 584	6 057,052	54 676,408	9,027	8,563
75	66	62 078	5 638,731	48 619,356	8,622	8,159
76	67	59 465	5 231,382	42 980,625	8,216	7,752
77	68	56 712	4 832,111	37 749,243	7,812	7,349
78	69	53 834	4 442,568	32 917,132	7,409	6,946
79	70	50 793	4 059,631	28 474,564	7,014	6,550
80	71	47 622	3 686,379	24 414,933	6,623	6,159
81	72	44 319	3 322,734	20 728,554	6,238	5,775
82	73	40 845	2 965,877	17 405,820	5,869	5,405
83	74	37 256	2 620,086	14 439,943	5,511	5,048
84	75	33 610	2 289,299	11 819,857	5,163	4,699
85	76	29 931	1 974,549	9 530,558	4,827	4,363
86	77	26 220	1 675,280	7 556,009	4,510	4,047
87	78	22 583	1 397,495	5 880,729	4,208	3,744
88	79	19 062	1 142,459	4 483,234	3,924	3,461
89	80	15 718	912,366	3 340,775	3,662	3,198
90	81	12 644	710,847	2 428,409	3,416	2,953
91	82	9 907	539,425	1 717,562	3,184	2,720
92	83	7 543	397,776	1 178,137	2,962	2,498
93	84	5 511	281,503	780,361	2,772	2,308
94	85	3 898	192,834	498,857	2,587	2,123
95	86	2 629	125,957	306,023	2,430	1,966
96	87	1 704	79,049	180,066	2,278	1,814
97	88	1 039	46,695	101,017	2,163	1,700
98	89	611	26,576	54,322	2,044	1,580
99	90	340	14,321	27,746	1,937	1,474
100	91	178	7,286	13,425	1,843	1,379

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10	0	99 535	72 289,580	1 993 370,021	27,575	27,111
11	1	99 228	69 798,173	1 921 080,441	27,523	27,060
12	2	99 196	67 579,145	1 851 282,268	27,394	26,931
13	3	99 177	65 439,320	1 783 703,123	27,257	26,794
14	4	99 157	63 366,874	1 718 263,803	27,116	26,652
15	5	99 134	61 358,077	1 654 896,929	26,971	26,508
16	6	99 109	59 411,916	1 593 538,851	26,822	26,358
17	7	99 076	57 522,479	1 534 126,935	26,670	26,206
18	8	99 044	55 693,949	1 476 604,457	26,513	26,049
19	9	98 999	53 916,445	1 420 910,507	26,354	25,890
20	10	98 954	52 195,358	1 366 994,063	26,190	25,726
21	11	98 905	50 527,619	1 314 798,705	26,021	25,558
22	12	98 858	48 913,546	1 264 271,086	25,847	25,383
23	13	98 805	47 348,684	1 215 357,540	25,668	25,205
24	14	98 755	45 835,190	1 168 008,856	25,483	25,019
25	15	98 699	44 367,265	1 122 173,665	25,293	24,829
26	16	98 644	42 946,673	1 077 806,400	25,096	24,633
27	17	98 584	41 569,632	1 034 859,727	24,895	24,431
28	18	98 525	40 237,072	993 290,095	24,686	24,222
29	19	98 458	38 943,960	953 053,023	24,472	24,009
30	20	98 390	37 691,857	914 109,063	24,252	23,789
31	21	98 316	36 478,191	876 417,206	24,026	23,562
32	22	98 239	35 302,386	839 939,015	23,793	23,329
33	23	98 161	34 163,932	804 636,629	23,552	23,089
34	24	98 072	33 058,394	770 472,697	23,306	22,843
35	25	97 979	31 987,419	737 414,303	23,053	22,590
36	26	97 881	30 949,808	705 426,884	22,793	22,329
37	27	97 779	29 944,202	674 477,076	22,524	22,061
38	28	97 662	28 966,997	644 532,874	22,251	21,787
39	29	97 535	28 018,645	615 565,877	21,970	21,506
40	30	97 401	27 099,458	587 547,232	21,681	21,218
41	31	97 250	26 205,649	560 447,774	21,387	20,923
42	32	97 089	25 338,962	534 242,124	21,084	20,620
43	33	96 916	24 497,613	508 903,162	20,774	20,310
44	34	96 732	23 681,433	484 405,549	20,455	19,991
45	35	96 519	22 885,479	460 724,116	20,132	19,668
46	36	96 290	22 112,580	437 838,637	19,800	19,337
47	37	96 036	21 360,075	415 726,057	19,463	18,999
48	38	95 763	20 628,941	394 365,982	19,117	18,653
49	39	95 452	19 914,527	373 737,041	18,767	18,303
50	40	95 111	19 218,808	353 822,515	18,410	17,947
51	41	94 730	18 539,261	334 603,706	18,048	17,585
52	42	94 309	17 875,986	316 064,446	17,681	17,217
53	43	93 844	17 227,928	298 188,460	17,308	16,845
54	44	93 318	16 592,185	280 960,532	16,933	16,470
55	45	92 732	15 968,967	264 368,346	16,555	16,092
56	46	92 078	15 357,151	248 399,379	16,175	15,711
57	47	91 360	14 757,785	233 042,229	15,791	15,328
58	48	90 566	14 169,009	218 284,444	15,406	14,942
59	49	89 684	13 589,383	204 115,435	15,020	14,557
60	50	88 727	13 021,201	190 526,051	14,632	14,168
61	51	87 692	12 464,206	177 504,850	14,241	13,778
62	52	86 557	11 915,649	165 040,644	13,851	13,387
63	53	85 324	11 376,169	153 124,994	13,460	12,997
64	54	84 000	10 847,164	141 748,825	13,068	12,604
65	55	82 564	10 326,080	130 901,661	12,677	12,213
66	56	81 027	9 814,861	120 575,581	12,285	11,821
67	57	79 396	9 314,626	110 760,720	11,891	11,427
68	58	77 661	8 824,314	101 446,094	11,496	11,033
69	59	75 841	8 346,167	92 621,780	11,098	10,634
70	60	73 891	7 875,658	84 275,613	10,701	10,237
71	61	71 862	7 418,290	76 399,955	10,299	9,835
72	62	69 693	6 967,910	68 981,665	9,900	9,436
73	63	67 451	6 531,562	62 013,754	9,494	9,031
74	64	65 070	6 102,655	55 482,192	9,091	8,628
75	65	62 577	5 684,036	49 379,537	8,687	8,224
76	66	59 991	5 277,625	43 695,502	8,279	7,816
77	67	57 254	4 878,369	38 417,877	7,875	7,412
78	68	54 404	4 489,555	33 539,508	7,471	7,007
79	69	51 386	4 107,087	29 049,953	7,073	6,610
80	70	48 229	3 733,415	24 942,866	6,681	6,217
81	71	44 935	3 368,894	21 209,451	6,296	5,832
82	72	41 459	3 010,473	17 840,557	5,926	5,463
83	73	37 877	2 663,816	14 830,084	5,567	5,104
84	74	34 221	2 330,889	12 166,269	5,220	4,756
85	75	30 518	2 013,267	9 835,379	4,885	4,422
86	76	26 798	1 712,206	7 822,113	4,568	4,105
87	77	23 134	1 431,561	6 109,907	4,268	3,804
88	78	19 600	1 174,702	4 678,346	3,983	3,519
89	79	16 227	941,957	3 503,644	3,720	3,256
90	80	13 122	737,747	2 561,687	3,472	3,009
91	81	10 348	563,471	1 823,940	3,237	2,773
92	82	7 934	418,438	1 260,470	3,012	2,549
93	83	5 843	298,427	842,032	2,822	2,358
94	84	4 170	206,276	543,604	2,635	2,172
95	85	2 846	136,335	337,328	2,474	2,011
96	86	1 866	86,599	200,993	2,321	1,857
97	87	1 154	51,880	114,394	2,205	1,741
98	88	689	30,003	62,514	2,084	1,620
99	89	390	16,452	32,511	1,976	1,513
100	90	209	8,547	16,060	1,879	1,415

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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11	0	99 527	70 008,573	1 922 892,569	27,467	27,003
12	1	99 220	67 595,904	1 852 883,996	27,411	26,948
13	2	99 189	65 447,450	1 785 288,091	27,278	26,815
14	3	99 167	63 373,410	1 719 840,641	27,138	26,675
15	4	99 143	61 363,949	1 656 467,231	26,994	26,531
16	5	99 118	59 417,209	1 595 103,282	26,846	26,382
17	6	99 085	57 527,567	1 535 686,073	26,695	26,231
18	7	99 049	55 696,537	1 478 158,506	26,540	26,076
19	8	99 006	53 920,202	1 422 461,969	26,381	25,917
20	9	98 960	52 198,551	1 368 541,767	26,218	25,754
21	10	98 911	50 530,574	1 316 343,216	26,050	25,587
22	11	98 865	48 917,329	1 265 812,642	25,877	25,413
23	12	98 813	47 352,403	1 216 895,313	25,699	25,235
24	13	98 765	45 839,509	1 169 542,910	25,514	25,050
25	14	98 708	44 371,356	1 123 703,401	25,325	24,861
26	15	98 656	42 951,899	1 079 332,045	25,129	24,665
27	16	98 599	41 575,754	1 036 380,146	24,928	24,464
28	17	98 539	40 242,551	994 804,392	24,720	24,257
29	18	98 478	38 951,635	954 561,840	24,506	24,043
30	19	98 407	37 698,446	915 610,206	24,288	23,824
31	20	98 334	36 484,936	877 911,760	24,062	23,599
32	21	98 256	35 308,208	841 426,824	23,831	23,367
33	22	98 177	34 169,495	806 118,615	23,592	23,128
34	23	98 089	33 064,344	771 949,120	23,347	22,883
35	24	97 996	31 993,176	738 884,776	23,095	22,631
36	25	97 900	30 955,697	706 891,600	22,836	22,372
37	26	97 797	29 949,838	675 935,903	22,569	22,105
38	27	97 683	28 973,231	645 986,065	22,296	21,832
39	28	97 558	28 025,249	617 012,833	22,016	21,553
40	29	97 426	27 106,473	588 987,584	21,729	21,265
41	30	97 280	26 213,962	561 881,112	21,434	20,971
42	31	97 120	25 346,921	535 667,149	21,133	20,670
43	32	96 949	24 506,010	510 320,228	20,824	20,361
44	33	96 767	23 689,969	485 814,218	20,507	20,044
45	34	96 558	22 894,774	462 124,249	20,185	19,721
46	35	96 330	22 121,698	439 229,475	19,855	19,392
47	36	96 080	21 369,873	417 107,778	19,518	19,055
48	37	95 809	20 638,737	395 737,905	19,175	18,711
49	38	95 509	19 926,547	375 099,168	18,824	18,360
50	39	95 168	19 230,369	355 172,620	18,469	18,006
51	40	94 795	18 551,982	335 942,252	18,108	17,645
52	41	94 379	17 889,229	317 390,270	17,742	17,278
53	42	93 918	17 241,614	299 501,042	17,371	16,907
54	43	93 403	16 607,266	282 259,428	16,996	16,533
55	44	92 822	15 984,481	265 652,162	16,619	16,156
56	45	92 184	15 374,866	249 667,681	16,239	15,775
57	46	91 471	14 775,775	234 292,815	15,857	15,393
58	47	90 690	14 188,451	219 517,040	15,472	15,008
59	48	89 827	13 611,080	205 328,589	15,085	14,622
60	49	88 882	13 044,003	191 717,508	14,698	14,234
61	50	87 854	12 487,348	178 673,505	14,308	13,845
62	51	86 743	11 941,236	166 186,157	13,917	13,453
63	52	85 523	11 402,772	154 244,922	13,527	13,063
64	53	84 216	10 875,087	142 842,150	13,135	12,671
65	54	82 803	10 355,995	131 967,063	12,743	12,279
66	55	81 291	9 846,819	121 611,067	12,350	11,887
67	56	79 681	9 348,064	111 764,249	11,956	11,492
68	57	77 967	8 859,078	102 416,185	11,561	11,097
69	58	76 172	8 382,627	93 557,107	11,161	10,697
70	59	74 240	7 912,899	85 174,480	10,764	10,300
71	60	72 243	7 457,636	77 261,581	10,360	9,896
72	61	70 091	7 007,756	69 803,945	9,961	9,497
73	62	67 868	6 571,877	62 796,189	9,555	9,092
74	63	65 513	6 144,121	56 224,312	9,151	8,687
75	64	63 048	5 726,830	50 080,192	8,745	8,281
76	65	60 473	5 320,028	44 353,361	8,337	7,873
77	66	57 761	4 921,492	39 033,333	7,931	7,468
78	67	54 924	4 532,533	34 111,841	7,526	7,062
79	68	51 930	4 150,525	29 579,308	7,127	6,663
80	69	48 793	3 777,058	25 428,784	6,732	6,269
81	70	45 508	3 411,879	21 651,726	6,346	5,882
82	71	42 035	3 052,294	18 239,846	5,976	5,512
83	72	38 447	2 703,870	15 187,552	5,617	5,153
84	73	34 792	2 369,792	12 483,682	5,268	4,804
85	74	31 072	2 049,842	10 113,890	4,934	4,470
86	75	27 323	1 745,779	8 064,047	4,619	4,156
87	76	23 644	1 463,114	6 318,268	4,318	3,855
88	77	20 078	1 203,337	4 855,154	4,035	3,571
89	78	16 685	968,542	3 651,817	3,770	3,307
90	79	13 548	761,674	2 683,275	3,523	3,059
91	80	10 740	584,793	1 921,601	3,286	2,822
92	81	8 288	437,090	1 336,808	3,058	2,595
93	82	6 146	313,929	899,717	2,866	2,402
94	83	4 420	218,677	585,788	2,679	2,215
95	84	3 044	145,839	367,111	2,517	2,054
96	85	2 020	93,734	221,272	2,361	1,897
97	86	1 265	56,835	127,538	2,244	1,780
98	87	766	33,334	70,703	2,121	1,657
99	88	441	18,573	37,369	2,012	1,548
100	89	240	9,818	18,796	1,914	1,451

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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12	0	99 520	67 799,666	1 854 556,221	27,353	26,890
13	1	99 214	65 463,681	1 786 756,555	27,294	26,830
14	2	99 179	63 381,283	1 721 292,874	27,158	26,694
15	3	99 154	61 370,278	1 657 911,591	27,015	26,551
16	4	99 128	59 422,895	1 596 541,313	26,867	26,404
17	5	99 094	57 532,692	1 537 118,418	26,717	26,254
18	6	99 058	55 701,464	1 479 585,725	26,563	26,099
19	7	99 011	53 922,707	1 423 884,261	26,406	25,942
20	8	98 967	52 202,189	1 369 961,554	26,243	25,780
21	9	98 917	50 533,666	1 317 759,365	26,077	25,613
22	10	98 871	48 920,190	1 267 225,700	25,904	25,440
23	11	98 820	47 356,065	1 218 305,509	25,726	25,263
24	12	98 772	45 843,109	1 170 949,445	25,543	25,079
25	13	98 718	44 375,537	1 125 106,336	25,354	24,891
26	14	98 665	42 955,860	1 080 730,799	25,159	24,695
27	15	98 611	41 580,813	1 037 774,939	24,958	24,494
28	16	98 553	40 248,478	996 194,126	24,751	24,287
29	17	98 491	38 956,939	955 945,648	24,539	24,075
30	18	98 426	37 705,875	916 988,709	24,320	23,856
31	19	98 352	36 491,315	879 282,834	24,096	23,632
32	20	98 274	35 314,737	842 791,520	23,865	23,402
33	21	98 193	34 175,131	807 476,783	23,628	23,164
34	22	98 105	33 069,728	773 301,652	23,384	22,920
35	23	98 014	31 998,934	740 231,924	23,133	22,669
36	24	97 918	30 961,268	708 232,989	22,875	22,411
37	25	97 816	29 955,537	677 271,721	22,609	22,146
38	26	97 701	28 978,685	647 316,185	22,338	21,874
39	27	97 579	28 031,281	618 337,499	22,059	21,595
40	28	97 449	27 112,862	590 306,219	21,772	21,309
41	29	97 306	26 220,748	563 193,357	21,479	21,015
42	30	97 151	25 354,962	536 972,610	21,178	20,715
43	31	96 980	24 513,707	511 617,647	20,871	20,407
44	32	96 800	23 698,089	487 103,940	20,555	20,091
45	33	96 593	22 903,026	463 405,851	20,233	19,770
46	34	96 369	22 130,682	440 502,825	19,905	19,441
47	35	96 120	21 378,684	418 372,143	19,570	19,106
48	36	95 853	20 648,204	396 993,459	19,227	18,763
49	37	95 555	19 936,010	376 345,255	18,878	18,414
50	38	95 225	19 241,976	356 409,244	18,522	18,059
51	39	94 852	18 563,141	337 167,268	18,163	17,700
52	40	94 444	17 901,504	318 604,127	17,798	17,334
53	41	93 988	17 254,387	300 702,624	17,428	16,964
54	42	93 477	16 620,458	283 448,237	17,054	16,591
55	43	92 907	15 999,009	266 827,779	16,678	16,214
56	44	92 273	15 389,803	250 828,769	16,298	15,835
57	45	91 577	14 792,820	235 438,966	15,916	15,452
58	46	90 800	14 205,747	220 646,147	15,532	15,069
59	47	89 950	13 629,757	206 440,399	15,146	14,683
60	48	89 024	13 064,829	192 810,642	14,758	14,294
61	49	88 008	12 509,215	179 745,813	14,369	13,905
62	50	86 904	11 963,406	167 236,598	13,979	13,515
63	51	85 707	11 427,257	155 273,192	13,588	13,124
64	52	84 413	10 900,518	143 845,935	13,196	12,733
65	53	83 016	10 382,655	132 945,418	12,805	12,341
66	54	81 526	9 875,346	122 562,763	12,411	11,947
67	55	79 941	9 378,501	112 687,418	12,016	11,552
68	56	78 247	8 890,880	103 308,916	11,620	11,156
69	57	76 472	8 415,651	94 418,036	11,219	10,756
70	58	74 565	7 947,466	86 002,385	10,821	10,358
71	59	72 585	7 492,900	78 054,919	10,417	9,954
72	60	70 463	7 044,924	70 562,019	10,016	9,552
73	61	68 256	6 609,458	63 517,094	9,610	9,146
74	62	65 917	6 182,044	56 907,637	9,205	8,742
75	63	63 476	5 765,743	50 725,593	8,798	8,334
76	64	60 928	5 360,082	44 959,850	8,388	7,924
77	65	58 225	4 961,034	39 599,768	7,982	7,519
78	66	55 410	4 572,599	34 638,734	7,575	7,112
79	67	52 427	4 190,258	30 066,136	7,175	6,712
80	68	49 309	3 817,005	25 875,878	6,779	6,315
81	69	46 040	3 451,763	22 058,872	6,391	5,927
82	70	42 571	3 091,240	18 607,109	6,019	5,556
83	71	38 981	2 741,432	15 515,869	5,660	5,196
84	72	35 315	2 405,425	12 774,437	5,311	4,847
85	73	31 591	2 084,055	10 369,011	4,975	4,512
86	74	27 820	1 777,496	8 284,957	4,661	4,197
87	75	24 107	1 491,804	6 507,461	4,362	3,899
88	76	20 520	1 229,860	5 015,658	4,078	3,615
89	77	17 092	992,152	3 785,797	3,816	3,352
90	78	13 930	783,171	2 793,646	3,567	3,103
91	79	11 088	603,760	2 010,475	3,330	2,866
92	80	8 602	453,630	1 406,715	3,101	2,637
93	81	6 420	327,923	953,085	2,906	2,443
94	82	4 650	230,036	625,162	2,718	2,254
95	83	3 227	154,607	395,126	2,556	2,092
96	84	2 161	100,268	240,519	2,399	1,935
97	85	1 369	61,518	140,251	2,280	1,816
98	86	839	36,518	78,733	2,156	1,692
99	87	489	20,635	42,215	2,046	1,582
100	88	271	11,084	21,580	1,947	1,483

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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13	0	99 513	65 661,015	1 788 300,071	27,235	26,772
14	1	99 204	63 397,002	1 722 639,056	27,172	26,709
15	2	99 166	61 377,903	1 659 242,054	27,033	26,570
16	3	99 138	59 429,024	1 597 864,151	26,887	26,423
17	4	99 103	57 538,198	1 538 435,127	26,738	26,274
18	5	99 066	55 706,426	1 480 896,929	26,584	26,120
19	6	99 020	53 927,478	1 425 190,503	26,428	25,964
20	7	98 971	52 204,614	1 371 263,025	26,267	25,803
21	8	98 924	50 537,187	1 319 058,412	26,101	25,637
22	9	98 877	48 923,183	1 268 521,224	25,929	25,465
23	10	98 826	47 358,835	1 219 598,041	25,752	25,289
24	11	98 780	45 846,654	1 172 239,206	25,569	25,105
25	12	98 725	44 379,022	1 126 392,552	25,381	24,918
26	13	98 674	42 959,907	1 082 013,530	25,187	24,723
27	14	98 620	41 584,648	1 039 053,623	24,986	24,523
28	15	98 565	40 253,375	997 468,976	24,780	24,316
29	16	98 506	38 962,676	957 215,600	24,568	24,104
30	17	98 440	37 711,009	918 252,924	24,350	23,886
31	18	98 371	36 498,505	880 541,915	24,125	23,662
32	19	98 291	35 320,911	844 043,409	23,896	23,433
33	20	98 212	34 181,450	808 722,498	23,660	23,196
34	21	98 122	33 075,182	774 541,048	23,418	22,954
35	22	98 030	32 004,145	741 465,866	23,168	22,704
36	23	97 935	30 966,841	709 461,721	22,910	22,447
37	24	97 833	29 960,928	678 494,880	22,646	22,182
38	25	97 720	28 984,199	648 533,952	22,375	21,912
39	26	97 597	28 036,557	619 549,754	22,098	21,634
40	27	97 470	27 118,697	591 513,197	21,812	21,348
41	28	97 328	26 226,928	564 394,499	21,520	21,056
42	29	97 176	25 361,525	538 167,572	21,220	20,756
43	30	97 011	24 521,484	512 806,047	20,913	20,449
44	31	96 831	23 705,532	488 284,563	20,598	20,134
45	32	96 626	22 910,876	464 579,031	20,278	19,814
46	33	96 404	22 138,660	441 668,155	19,950	19,486
47	34	96 159	21 387,367	419 529,495	19,616	19,152
48	35	95 892	20 656,718	398 142,128	19,274	18,811
49	36	95 598	19 945,155	377 485,410	18,926	18,463
50	37	95 271	19 251,114	357 540,255	18,572	18,109
51	38	94 909	18 574,346	338 289,141	18,213	17,749
52	39	94 500	17 912,271	319 714,795	17,849	17,385
53	40	94 053	17 266,226	301 802,524	17,479	17,016
54	41	93 547	16 632,771	284 536,298	17,107	16,643
55	42	92 980	16 011,719	267 903,527	16,732	16,268
56	43	92 357	15 403,791	251 891,808	16,353	15,889
57	44	91 666	14 807,191	236 488,017	15,971	15,508
58	45	90 905	14 222,134	221 680,826	15,587	15,123
59	46	90 060	13 646,372	207 458,692	15,202	14,739
60	47	89 146	13 082,756	193 812,320	14,814	14,351
61	48	88 149	12 529,187	180 729,564	14,425	13,961
62	49	87 056	11 984,356	168 200,377	14,035	13,571
63	50	85 866	11 448,473	156 216,021	13,645	13,182
64	51	84 595	10 923,925	144 767,548	13,252	12,789
65	52	83 210	10 406,934	133 843,623	12,861	12,397
66	53	81 736	9 900,767	123 436,690	12,467	12,004
67	54	80 172	9 405,671	113 535,922	12,071	11,607
68	55	78 502	8 919,829	104 130,251	11,674	11,210
69	56	76 746	8 445,862	95 210,422	11,273	10,809
70	57	74 858	7 978,776	86 764,560	10,874	10,411
71	58	72 902	7 525,632	78 785,785	10,469	10,005
72	59	70 796	7 078,237	71 260,152	10,068	9,604
73	60	68 618	6 644,514	64 181,915	9,659	9,196
74	61	66 294	6 217,395	57 537,401	9,254	8,791
75	62	63 868	5 801,331	51 320,006	8,846	8,383
76	63	61 342	5 396,502	45 518,675	8,435	7,971
77	64	58 663	4 998,385	40 122,173	8,027	7,563
78	65	55 855	4 609,337	35 123,788	7,620	7,157
79	66	52 890	4 227,298	30 514,451	7,218	6,755
80	67	49 781	3 853,546	26 287,153	6,822	6,358
81	68	46 527	3 488,270	22 433,607	6,431	5,968
82	69	43 069	3 127,376	18 945,337	6,058	5,594
83	70	39 478	2 776,412	15 817,961	5,697	5,234
84	71	35 805	2 438,842	13 041,549	5,347	4,884
85	72	32 066	2 115,391	10 602,708	5,012	4,549
86	73	28 284	1 807,162	8 487,317	4,696	4,233
87	74	24 545	1 518,906	6 680,155	4,398	3,934
88	75	20 923	1 253,976	5 161,249	4,116	3,652
89	76	17 469	1 014,020	3 907,273	3,853	3,390
90	77	14 270	802,262	2 893,253	3,606	3,143
91	78	11 401	620,800	2 090,991	3,368	2,905
92	79	8 881	468,343	1 470,192	3,139	2,676
93	80	6 663	340,332	1 001,848	2,944	2,480
94	81	4 857	240,291	661,517	2,753	2,289
95	82	3 395	162,637	421,226	2,590	2,126
96	83	2 291	106,296	258,589	2,433	1,969
97	84	1 464	65,806	152,292	2,314	1,851
98	85	908	39,527	86,487	2,188	1,724
99	86	536	22,606	46,960	2,077	1,614
100	87	302	12,315	24,354	1,978	1,514

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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14	0	99 503	63 588,106	1 724 064,166	27,113	26,649
15	1	99 191	61 393,125	1 660 476,060	27,047	26,583
16	2	99 150	59 436,407	1 599 082,936	26,904	26,440
17	3	99 113	57 544,132	1 539 646,528	26,756	26,292
18	4	99 076	55 711,757	1 482 102,396	26,603	26,139
19	5	99 028	53 932,282	1 426 390,639	26,448	25,984
20	6	98 980	52 209,232	1 372 458,357	26,288	25,824
21	7	98 929	50 539,535	1 320 249,124	26,123	25,659
22	8	98 884	48 926,592	1 269 709,589	25,951	25,488
23	9	98 832	47 361,732	1 220 782,997	25,776	25,312
24	10	98 786	45 849,336	1 173 421,265	25,593	25,129
25	11	98 733	44 382,454	1 127 571,929	25,406	24,942
26	12	98 682	42 963,281	1 083 189,475	25,212	24,748
27	13	98 629	41 588,566	1 040 226,194	25,012	24,549
28	14	98 574	40 257,087	998 637,628	24,807	24,343
29	15	98 517	38 967,417	958 380,541	24,594	24,131
30	16	98 454	37 716,563	919 413,124	24,377	23,913
31	17	98 384	36 503,476	881 696,560	24,154	23,690
32	18	98 310	35 327,871	845 193,085	23,924	23,461
33	19	98 229	34 187,426	809 865,214	23,689	23,225
34	20	98 140	33 081,298	775 677,788	23,448	22,984
35	21	98 046	32 009,423	742 596,489	23,199	22,736
36	22	97 951	30 971,883	710 587,066	22,943	22,479
37	23	97 851	29 966,320	679 615,183	22,679	22,216
38	24	97 738	28 989,415	649 648,862	22,410	21,946
39	25	97 616	28 041,891	620 659,447	22,133	21,670
40	26	97 488	27 123,802	592 617,556	21,849	21,385
41	27	97 349	26 232,573	565 493,754	21,557	21,093
42	28	97 199	25 367,503	539 261,182	21,258	20,794
43	29	97 036	24 527,831	513 893,679	20,951	20,488
44	30	96 861	23 713,053	489 365,849	20,637	20,173
45	31	96 656	22 918,073	465 652,796	20,318	19,855
46	32	96 437	22 146,248	442 734,724	19,991	19,528
47	33	96 194	21 395,076	420 588,476	19,658	19,195
48	34	95 931	20 665,107	399 193,400	19,317	18,854
49	35	95 638	19 953,379	378 528,292	18,971	18,507
50	36	95 314	19 259,945	358 574,914	18,618	18,154
51	37	94 954	18 583,166	339 314,969	18,259	17,796
52	38	94 557	17 923,084	320 731,802	17,895	17,431
53	39	94 109	17 276,612	302 808,719	17,527	17,063
54	40	93 611	16 644,184	285 532,107	17,155	16,691
55	41	93 049	16 023,580	268 887,923	16,781	16,317
56	42	92 431	15 416,027	252 864,343	16,403	15,939
57	43	91 749	14 820,649	237 448,315	16,021	15,558
58	44	90 993	14 235,951	222 627,666	15,638	15,175
59	45	90 164	13 662,114	208 391,715	15,253	14,790
60	46	89 255	13 098,704	194 729,601	14,866	14,403
61	47	88 270	12 546,379	181 630,897	14,477	14,013
62	48	87 195	12 003,490	169 084,517	14,086	13,623
63	49	86 016	11 468,521	157 081,027	13,697	13,233
64	50	84 752	10 944,206	145 612,507	13,305	12,841
65	51	83 389	10 429,280	134 668,300	12,913	12,449
66	52	81 927	9 923,920	124 239,020	12,519	12,056
67	53	80 379	9 429,884	114 315,100	12,123	11,659
68	54	78 729	8 945,670	104 885,216	11,725	11,261
69	55	76 996	8 473,361	95 939,546	11,322	10,859
70	56	75 127	8 007,418	87 466,184	10,923	10,460
71	57	73 189	7 555,280	79 458,766	10,517	10,053
72	58	71 105	7 109,158	71 903,486	10,114	9,651
73	59	68 942	6 675,933	64 794,328	9,706	9,242
74	60	66 645	6 250,372	58 118,395	9,298	8,835
75	61	64 233	5 834,505	51 868,023	8,890	8,426
76	62	61 720	5 429,811	46 033,518	8,478	8,014
77	63	59 062	5 032,348	40 603,707	8,069	7,605
78	64	56 276	4 644,040	35 571,359	7,660	7,196
79	65	53 315	4 261,262	30 927,319	7,258	6,794
80	66	50 221	3 887,609	26 666,057	6,859	6,396
81	67	46 972	3 521,663	22 778,447	6,468	6,004
82	68	43 525	3 160,452	19 256,784	6,093	5,629
83	69	39 940	2 808,867	16 096,332	5,731	5,267
84	70	36 262	2 469,960	13 287,465	5,380	4,916
85	71	32 512	2 144,778	10 817,504	5,044	4,580
86	72	28 709	1 834,335	8 672,726	4,728	4,264
87	73	24 955	1 544,257	6 838,391	4,428	3,965
88	74	21 303	1 276,757	5 294,134	4,147	3,683
89	75	17 811	1 033,903	4 017,377	3,886	3,422
90	76	14 584	819,944	2 983,473	3,639	3,175
91	77	11 679	635,933	2 163,529	3,402	2,939
92	78	9 131	481,561	1 527,596	3,172	2,709
93	79	6 879	351,370	1 046,035	2,977	2,513
94	80	5 041	249,383	694,666	2,786	2,322
95	81	3 546	169,887	445,282	2,621	2,157
96	82	2 410	111,818	275,395	2,463	1,999
97	83	1 552	69,762	163,577	2,345	1,881
98	84	971	42,282	93,815	2,219	1,755
99	85	580	24,468	51,533	2,106	1,642
100	86	330	13,491	27,064	2,006	1,542

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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15	0	99 490	61 578,188	1 661 792,228	26,987	26,523
16	1	99 175	59 451,148	1 600 214,039	26,916	26,453
17	2	99 126	57 551,282	1 540 762,892	26,772	26,308
18	3	99 086	55 717,503	1 483 211,610	26,620	26,157
19	4	99 038	53 937,443	1 427 494,107	26,466	26,002
20	5	98 989	52 213,883	1 373 556,664	26,306	25,843
21	6	98 937	50 544,006	1 321 342,780	26,142	25,679
22	7	98 889	48 928,866	1 270 798,774	25,972	25,509
23	8	98 839	47 365,033	1 221 869,908	25,797	25,333
24	9	98 792	45 852,141	1 174 504,876	25,615	25,151
25	10	98 739	44 385,050	1 128 652,735	25,429	24,965
26	11	98 690	42 966,603	1 084 267,685	25,235	24,772
27	12	98 637	41 591,832	1 041 301,082	25,036	24,573
28	13	98 584	40 260,880	999 709,250	24,831	24,367
29	14	98 527	38 971,011	959 448,369	24,620	24,156
30	15	98 466	37 721,153	920 477,358	24,402	23,939
31	16	98 399	36 508,852	882 756,206	24,179	23,716
32	17	98 324	35 332,682	846 247,354	23,951	23,487
33	18	98 248	34 194,163	810 914,672	23,715	23,251
34	19	98 157	33 087,082	776 720,510	23,475	23,011
35	20	98 064	32 015,342	743 633,428	23,227	22,764
36	21	97 967	30 976,991	711 618,086	22,972	22,509
37	22	97 867	29 971,200	680 641,094	22,710	22,246
38	23	97 755	28 994,633	650 669,894	22,441	21,977
39	24	97 633	28 046,938	621 675,261	22,166	21,702
40	25	97 507	27 128,962	593 628,323	21,882	21,418
41	26	97 368	26 237,510	566 499,361	21,591	21,128
42	27	97 220	25 372,962	540 261,851	21,293	20,829
43	28	97 059	24 533,612	514 888,888	20,987	20,523
44	29	96 886	23 719,190	490 355,277	20,673	20,210
45	30	96 687	22 925,343	466 636,086	20,355	19,891
46	31	96 467	22 153,204	443 710,743	20,029	19,566
47	32	96 227	21 402,409	421 557,540	19,697	19,233
48	33	95 966	20 672,556	400 155,130	19,357	18,893
49	34	95 677	19 961,483	379 482,574	19,011	18,547
50	35	95 354	19 267,886	359 521,091	18,659	18,195
51	36	94 997	18 591,691	340 253,205	18,301	17,838
52	37	94 602	17 931,595	321 661,515	17,938	17,475
53	38	94 166	17 287,040	303 729,920	17,570	17,106
54	39	93 667	16 654,195	286 442,879	17,199	16,736
55	40	93 113	16 034,575	269 788,684	16,825	16,362
56	41	92 499	15 427,448	253 754,109	16,448	15,985
57	42	91 822	14 832,423	238 326,661	16,068	15,604
58	43	91 076	14 248,890	223 494,238	15,685	15,221
59	44	90 251	13 675,387	209 245,348	15,301	14,837
60	45	89 358	13 113,815	195 569,961	14,913	14,450
61	46	88 377	12 561,673	182 456,147	14,525	14,061
62	47	87 315	12 019,961	169 894,473	14,134	13,671
63	48	86 154	11 486,831	157 874,512	13,744	13,280
64	49	84 900	10 963,371	146 387,681	13,352	12,889
65	50	83 544	10 448,644	135 424,310	12,961	12,497
66	51	82 103	9 945,229	124 975,666	12,566	12,103
67	52	80 567	9 451,935	115 030,437	12,170	11,706
68	53	78 932	8 968,699	105 578,502	11,772	11,308
69	54	77 219	8 497,909	96 609,803	11,369	10,905
70	55	75 372	8 033,490	88 111,893	10,968	10,504
71	56	73 452	7 582,402	80 078,403	10,561	10,097
72	57	71 386	7 137,165	72 496,001	10,158	9,694
73	58	69 244	6 705,097	65 358,836	9,748	9,284
74	59	66 961	6 279,928	58 653,739	9,340	8,876
75	60	64 574	5 865,451	52 373,812	8,929	8,466
76	61	62 073	5 460,861	46 508,361	8,517	8,053
77	62	59 426	5 063,409	41 047,500	8,107	7,643
78	63	56 658	4 675,596	35 984,091	7,696	7,233
79	64	53 717	4 293,345	31 308,495	7,292	6,829
80	65	50 625	3 918,844	27 015,151	6,894	6,430
81	66	47 388	3 552,793	23 096,306	6,501	6,037
82	67	43 941	3 190,707	19 543,513	6,125	5,662
83	68	40 362	2 838,575	16 352,806	5,761	5,297
84	69	36 686	2 498,833	13 514,231	5,408	4,945
85	70	32 926	2 172,145	11 015,398	5,071	4,608
86	71	29 108	1 859,818	8 843,253	4,755	4,291
87	72	25 330	1 567,476	6 983,435	4,455	3,992
88	73	21 658	1 298,067	5 415,959	4,172	3,709
89	74	18 135	1 052,687	4 117,892	3,912	3,448
90	75	14 870	836,022	3 065,205	3,666	3,203
91	76	11 936	649,949	2 229,183	3,430	2,966
92	77	9 354	493,300	1 579,234	3,201	2,738
93	78	7 073	361,286	1 085,934	3,006	2,542
94	79	5 205	257,472	724,648	2,814	2,351
95	80	3 680	176,316	467,176	2,650	2,186
96	81	2 517	116,802	290,860	2,490	2,027
97	82	1 633	73,386	174,057	2,372	1,908
98	83	1 030	44,824	100,672	2,246	1,782
99	84	621	26,174	55,847	2,134	1,670
100	85	358	14,603	29,674	2,032	1,568

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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16	0	99 474	59 630,357	1 601 429,944	26,856	26,392
17	1	99 150	57 565,555	1 541 799,586	26,783	26,320
18	2	99 098	55 724,426	1 484 234,032	26,635	26,172
19	3	99 048	53 943,006	1 428 509,606	26,482	26,018
20	4	98 999	52 218,880	1 374 566,600	26,323	25,860
21	5	98 946	50 548,509	1 322 347,720	26,160	25,696
22	6	98 897	48 933,194	1 271 799,211	25,991	25,527
23	7	98 844	47 367,233	1 222 866,017	25,817	25,353
24	8	98 799	45 855,336	1 175 498,784	25,635	25,171
25	9	98 745	44 387,765	1 129 643,447	25,449	24,986
26	10	98 696	42 969,117	1 085 255,682	25,257	24,793
27	11	98 645	41 595,048	1 042 286,565	25,058	24,594
28	12	98 591	40 264,042	1 000 691,517	24,853	24,390
29	13	98 536	38 974,683	960 427,475	24,642	24,179
30	14	98 475	37 724,631	921 452,792	24,426	23,962
31	15	98 411	36 513,294	883 728,161	24,203	23,739
32	16	98 338	35 337,885	847 214,867	23,975	23,511
33	17	98 261	34 198,819	811 876,982	23,740	23,276
34	18	98 176	33 093,602	777 678,162	23,499	23,036
35	19	98 081	32 020,939	744 584,561	23,253	22,789
36	20	97 985	30 982,719	712 563,622	22,999	22,535
37	21	97 883	29 976,143	681 580,902	22,737	22,274
38	22	97 771	28 999,354	651 604,759	22,470	22,006
39	23	97 651	28 051,986	622 605,405	22,195	21,731
40	24	97 525	27 133,845	594 553,418	21,912	21,448
41	25	97 386	26 242,502	567 419,574	21,622	21,159
42	26	97 238	25 377,738	541 177,071	21,325	20,861
43	27	97 080	24 538,892	515 799,333	21,020	20,556
44	28	96 909	23 724,781	491 260,441	20,707	20,243
45	29	96 712	22 931,277	467 535,660	20,389	19,925
46	30	96 498	22 160,231	444 604,383	20,063	19,600
47	31	96 257	21 409,132	422 444,152	19,732	19,268
48	32	95 999	20 679,642	401 035,020	19,393	18,929
49	33	95 711	19 968,678	380 355,378	19,048	18,584
50	34	95 392	19 275,712	360 386,700	18,696	18,233
51	35	95 037	18 599,356	341 110,988	18,340	17,876
52	36	94 646	17 939,820	322 511,632	17,977	17,514
53	37	94 211	17 295,250	304 571,812	17,610	17,147
54	38	93 724	16 664,248	287 276,562	17,239	16,775
55	39	93 169	16 044,220	270 612,314	16,867	16,403
56	40	92 563	15 438,034	254 568,094	16,490	16,026
57	41	91 890	14 843,411	239 130,060	16,110	15,647
58	42	91 148	14 260,210	224 286,650	15,728	15,265
59	43	90 333	13 687,816	210 026,440	15,344	14,880
60	44	89 445	13 126,555	196 338,624	14,957	14,494
61	45	88 479	12 576,164	183 212,069	14,568	14,105
62	46	87 421	12 034,613	170 635,905	14,179	13,715
63	47	86 272	11 502,593	158 601,292	13,788	13,325
64	48	85 036	10 980,875	147 098,699	13,396	12,932
65	49	83 690	10 466,941	136 117,823	13,005	12,541
66	50	82 255	9 963,694	125 650,883	12,611	12,147
67	51	80 740	9 472,231	115 687,189	12,213	11,750
68	52	79 117	8 989,672	106 214,957	11,815	11,352
69	53	77 418	8 519,785	97 225,286	11,412	10,948
70	54	75 590	8 056,764	88 705,500	11,010	10,546
71	55	73 691	7 607,091	80 648,737	10,602	10,138
72	56	71 642	7 162,786	73 041,646	10,197	9,734
73	57	69 516	6 731,512	65 878,860	9,787	9,323
74	58	67 253	6 307,361	59 147,348	9,378	8,914
75	59	64 879	5 893,186	52 839,987	8,966	8,503
76	60	62 403	5 489,825	46 946,801	8,552	8,088
77	61	59 766	5 092,363	41 456,976	8,141	7,677
78	62	57 008	4 704,455	36 364,612	7,730	7,266
79	63	54 082	4 322,517	31 660,157	7,324	6,861
80	64	51 006	3 948,349	27 337,640	6,924	6,460
81	65	47 768	3 581,338	23 389,292	6,531	6,067
82	66	44 330	3 218,912	19 807,953	6,154	5,690
83	67	40 749	2 865,748	16 589,042	5,789	5,325
84	68	37 074	2 525,262	13 723,293	5,434	4,971
85	69	33 311	2 197,536	11 198,032	5,096	4,632
86	70	29 480	1 883,549	9 000,495	4,778	4,315
87	71	25 682	1 589,252	7 116,947	4,478	4,015
88	72	21 984	1 317,585	5 527,695	4,195	3,732
89	73	18 438	1 070,256	4 210,110	3,934	3,470
90	74	15 141	851,211	3 139,854	3,689	3,225
91	75	12 171	662,694	2 288,643	3,454	2,990
92	76	9 560	504,173	1 625,949	3,225	2,761
93	77	7 246	370,093	1 121,776	3,031	2,567
94	78	5 352	264,738	751,683	2,839	2,376
95	79	3 799	182,034	486,945	2,675	2,211
96	80	2 612	121,222	304,910	2,515	2,052
97	81	1 706	76,657	183,688	2,396	1,933
98	82	1 083	47,153	107,031	2,270	1,806
99	83	658	27,747	59,878	2,158	1,694
100	84	383	15,621	32,131	2,057	1,593

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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17	0	99 449	57 739,080	1 542 923,169	26,722	26,259
18	1	99 123	55 738,245	1 485 184,088	26,646	26,182
19	2	99 060	53 949,708	1 429 445,843	26,496	26,032
20	3	99 009	52 224,266	1 375 496,135	26,338	25,875
21	4	98 956	50 553,346	1 323 271,869	26,176	25,712
22	5	98 906	48 937,554	1 272 718,523	26,007	25,543
23	6	98 853	47 371,424	1 223 780,969	25,834	25,370
24	7	98 803	45 857,467	1 176 409,546	25,654	25,190
25	8	98 752	44 390,859	1 130 552,079	25,468	25,005
26	9	98 702	42 971,745	1 086 161,220	25,276	24,813
27	10	98 650	41 597,482	1 043 189,475	25,078	24,615
28	11	98 599	40 267,156	1 001 591,993	24,874	24,410
29	12	98 544	38 977,743	961 324,838	24,663	24,200
30	13	98 484	37 728,185	922 347,094	24,447	23,984
31	14	98 420	36 516,661	884 618,909	24,225	23,761
32	15	98 350	35 342,185	848 102,248	23,997	23,533
33	16	98 276	34 203,856	812 760,062	23,762	23,299
34	17	98 190	33 098,108	778 556,207	23,523	23,059
35	18	98 101	32 027,249	745 458,098	23,276	22,812
36	19	98 003	30 988,136	713 430,849	23,023	22,559
37	20	97 901	29 981,686	682 442,713	22,762	22,298
38	21	97 787	29 004,137	652 461,027	22,495	22,032
39	22	97 667	28 056,554	623 456,890	22,221	21,758
40	23	97 542	27 138,729	595 400,336	21,939	21,476
41	24	97 404	26 247,225	568 261,607	21,650	21,187
42	25	97 256	25 382,567	542 014,382	21,354	20,890
43	26	97 098	24 543,511	516 631,815	21,050	20,586
44	27	96 930	23 729,887	492 088,304	20,737	20,273
45	28	96 735	22 936,682	468 358,417	20,420	19,956
46	29	96 523	22 165,967	445 421,735	20,095	19,631
47	30	96 287	21 415,923	423 255,768	19,764	19,300
48	31	96 029	20 686,137	401 839,845	19,426	18,962
49	32	95 744	19 975,522	381 153,707	19,081	18,617
50	33	95 427	19 282,660	361 178,185	18,731	18,267
51	34	95 075	18 606,910	341 895,525	18,375	17,911
52	35	94 685	17 947,217	323 288,615	18,013	17,550
53	36	94 254	17 303,183	305 341,398	17,647	17,183
54	37	93 768	16 672,162	288 038,215	17,277	16,813
55	38	93 225	16 053,905	271 366,053	16,903	16,440
56	39	92 618	15 447,320	255 312,148	16,528	16,064
57	40	91 953	14 853,596	239 864,829	16,149	15,685
58	41	91 216	14 270,774	225 011,233	15,767	15,304
59	42	90 405	13 698,690	210 740,459	15,384	14,920
60	43	89 526	13 138,485	197 041,770	14,997	14,534
61	44	88 565	12 588,382	183 903,284	14,609	14,145
62	45	87 522	12 048,496	171 314,902	14,219	13,755
63	46	86 377	11 516,615	159 266,406	13,829	13,366
64	47	85 152	10 995,943	147 749,791	13,437	12,973
65	48	83 824	10 483,652	136 753,848	13,044	12,581
66	49	82 399	9 981,142	126 270,196	12,651	12,187
67	50	80 889	9 489,818	116 289,054	12,254	11,790
68	51	79 287	9 008,975	106 799,237	11,855	11,391
69	52	77 599	8 539,708	97 790,261	11,451	10,988
70	53	75 785	8 077,504	89 250,553	11,049	10,586
71	54	73 904	7 629,129	81 173,049	10,640	10,176
72	55	71 875	7 186,108	73 543,920	10,234	9,771
73	56	69 766	6 755,677	66 357,812	9,823	9,359
74	57	67 518	6 332,209	59 602,135	9,413	8,949
75	58	65 163	5 918,930	53 269,926	9,000	8,536
76	59	62 698	5 515,784	47 350,995	8,585	8,121
77	60	60 083	5 119,373	41 835,211	8,172	7,708
78	61	57 334	4 731,357	36 715,838	7,760	7,296
79	62	54 416	4 349,197	31 984,482	7,354	6,890
80	63	51 352	3 975,177	27 635,285	6,952	6,488
81	64	48 128	3 608,302	23 660,108	6,557	6,094
82	65	44 686	3 244,774	20 051,806	6,180	5,716
83	66	41 109	2 891,080	16 807,032	5,813	5,350
84	67	37 429	2 549,436	13 915,952	5,458	4,995
85	68	33 664	2 220,778	11 366,516	5,118	4,655
86	69	29 824	1 905,567	9 145,737	4,799	4,336
87	70	26 010	1 609,530	7 240,171	4,498	4,035
88	71	22 289	1 335,889	5 630,641	4,215	3,751
89	72	18 715	1 086,349	4 294,752	3,953	3,490
90	73	15 393	865,417	3 208,403	3,707	3,244
91	74	12 392	674,733	2 342,985	3,472	3,009
92	75	9 748	514,059	1 668,252	3,245	2,782
93	76	7 406	378,251	1 154,193	3,051	2,588
94	77	5 482	271,192	775,943	2,861	2,398
95	78	3 907	187,172	504,751	2,697	2,233
96	79	2 697	125,154	317,579	2,538	2,074
97	80	1 770	79,558	192,425	2,419	1,955
98	81	1 132	49,255	112,867	2,292	1,828
99	82	692	29,189	63,613	2,179	1,716
100	83	406	16,560	34,424	2,079	1,615

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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18	0	99 422	55 906,263	1 486 222,637	26,584	26,121
19	1	99 085	53 963,087	1 430 316,374	26,505	26,042
20	2	99 021	52 230,754	1 376 353,286	26,351	25,888
21	3	98 966	50 558,560	1 324 122,532	26,190	25,726
22	4	98 916	48 942,237	1 273 563,972	26,022	25,558
23	5	98 861	47 375,644	1 224 621,735	25,849	25,386
24	6	98 812	45 861,524	1 177 246,091	25,670	25,206
25	7	98 756	44 392,921	1 131 384,568	25,486	25,022
26	8	98 709	42 974,740	1 086 991,647	25,294	24,830
27	9	98 656	41 600,026	1 044 016,907	25,097	24,633
28	10	98 605	40 269,511	1 002 416,880	24,893	24,429
29	11	98 551	38 980,758	962 147,369	24,683	24,219
30	12	98 492	37 731,148	923 166,611	24,467	24,003
31	13	98 429	36 520,102	885 435,463	24,245	23,782
32	14	98 359	35 345,444	848 915,361	24,018	23,554
33	15	98 288	34 208,018	813 569,917	23,783	23,319
34	16	98 204	33 102,983	779 361,899	23,544	23,080
35	17	98 114	32 031,611	746 258,916	23,298	22,834
36	18	98 022	30 994,242	714 227,306	23,044	22,580
37	19	97 918	29 986,927	683 233,064	22,784	22,321
38	20	97 805	29 009,500	653 246,136	22,518	22,055
39	21	97 683	28 061,182	624 236,636	22,246	21,782
40	22	97 558	27 143,148	596 175,454	21,964	21,500
41	23	97 421	26 251,950	569 032,306	21,676	21,212
42	24	97 274	25 387,135	542 780,357	21,380	20,917
43	25	97 116	24 548,181	517 393,222	21,077	20,613
44	26	96 948	23 734,354	492 845,041	20,765	20,301
45	27	96 756	22 941,618	469 110,687	20,448	19,984
46	28	96 545	22 171,192	446 169,069	20,124	19,660
47	29	96 312	21 421,467	423 997,877	19,793	19,330
48	30	96 059	20 692,700	402 576,411	19,455	18,991
49	31	95 774	19 981,797	381 883,711	19,112	18,648
50	32	95 459	19 289,269	361 901,914	18,762	18,298
51	33	95 109	18 613,617	342 612,646	18,407	17,943
52	34	94 723	17 954,506	323 999,028	18,046	17,582
53	35	94 293	17 310,317	306 044,522	17,680	17,216
54	36	93 811	16 679,809	288 734,205	17,310	16,847
55	37	93 270	16 061,529	272 054,395	16,938	16,475
56	38	92 674	15 456,644	255 992,867	16,562	16,098
57	39	92 008	14 862,530	240 536,223	16,184	15,720
58	40	91 279	14 280,566	225 673,692	15,803	15,339
59	41	90 472	13 708,838	211 393,127	15,420	14,957
60	42	89 597	13 148,923	197 684,289	15,034	14,571
61	43	88 646	12 599,824	184 535,366	14,646	14,182
62	44	87 607	12 060,201	171 935,543	14,256	13,793
63	45	86 477	11 529,900	159 875,342	13,866	13,403
64	46	85 256	11 009,347	148 345,441	13,474	13,011
65	47	83 939	10 498,038	137 336,094	13,082	12,618
66	48	82 531	9 997,078	126 838,057	12,688	12,224
67	49	81 031	9 506,436	116 840,979	12,291	11,827
68	50	79 434	9 025,702	107 334,543	11,892	11,428
69	51	77 766	8 558,045	98 308,842	11,487	11,024
70	52	75 962	8 096,393	89 750,796	11,085	10,622
71	53	74 094	7 648,769	81 654,404	10,675	10,212
72	54	72 083	7 206,927	74 005,635	10,269	9,805
73	55	69 993	6 777,673	66 798,708	9,856	9,392
74	56	67 760	6 354,941	60 021,035	9,445	8,981
75	57	65 419	5 942,248	53 666,094	9,031	8,568
76	58	62 972	5 539,879	47 723,846	8,615	8,151
77	59	60 367	5 143,580	42 183,966	8,201	7,738
78	60	57 638	4 756,452	37 040,386	7,787	7,324
79	61	54 727	4 374,067	32 283,934	7,381	6,917
80	62	51 669	3 999,713	27 909,867	6,978	6,514
81	63	48 455	3 632,819	23 910,154	6,582	6,118
82	64	45 022	3 269,204	20 277,335	6,203	5,739
83	65	41 439	2 914,309	17 008,131	5,836	5,372
84	66	37 760	2 571,972	14 093,822	5,480	5,016
85	67	33 986	2 242,038	11 521,850	5,139	4,675
86	68	30 140	1 925,721	9 279,813	4,819	4,355
87	69	26 314	1 628,345	7 354,092	4,516	4,053
88	70	22 574	1 352,934	5 725,747	4,232	3,768
89	71	18 975	1 101,441	4 372,813	3,970	3,506
90	72	15 625	878,430	3 271,372	3,724	3,260
91	73	12 598	685,995	2 392,942	3,488	3,025
92	74	9 925	523,398	1 706,947	3,261	2,798
93	75	7 551	385,667	1 183,549	3,069	2,605
94	76	5 603	277,169	797,882	2,879	2,415
95	77	4 002	191,735	520,713	2,716	2,252
96	78	2 773	128,686	328,978	2,556	2,093
97	79	1 828	82,138	200,292	2,438	1,975
98	80	1 174	51,118	118,154	2,311	1,848
99	81	723	30,490	67,036	2,199	1,735
100	82	427	17,420	36,546	2,098	1,634

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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19	0	99 384	54 125,754	1 431 276,556	26,444	25,980
20	1	99 046	52 243,708	1 377 150,802	26,360	25,897
21	2	98 978	50 564,842	1 324 907,094	26,202	25,739
22	3	98 926	48 947,284	1 274 342,253	26,035	25,571
23	4	98 871	47 380,178	1 225 394,968	25,863	25,399
24	5	98 821	45 865,609	1 178 014,791	25,684	25,220
25	6	98 765	44 396,848	1 132 149,181	25,501	25,037
26	7	98 713	42 976,737	1 087 752,333	25,310	24,847
27	8	98 663	41 602,925	1 044 775,596	25,113	24,649
28	9	98 611	40 271,975	1 003 172,671	24,910	24,446
29	10	98 557	38 983,038	962 900,696	24,701	24,237
30	11	98 500	37 734,066	923 917,658	24,485	24,021
31	12	98 437	36 522,970	886 183,592	24,264	23,800
32	13	98 369	35 348,775	849 660,622	24,036	23,573
33	14	98 297	34 211,172	814 311,847	23,803	23,339
34	15	98 216	33 107,011	780 100,675	23,563	23,099
35	16	98 128	32 036,328	746 993,665	23,317	22,853
36	17	98 035	30 998,463	714 957,337	23,064	22,601
37	18	97 938	29 992,837	683 958,874	22,804	22,340
38	19	97 822	29 014,572	653 966,037	22,539	22,076
39	20	97 701	28 066,370	624 951,465	22,267	21,803
40	21	97 574	27 147,624	596 885,095	21,987	21,523
41	22	97 437	26 256,224	569 737,471	21,699	21,236
42	23	97 291	25 391,704	543 481,246	21,404	20,940
43	24	97 134	24 552,599	518 089,542	21,101	20,638
44	25	96 967	23 738,870	493 536,943	20,790	20,327
45	26	96 774	22 945,937	469 798,073	20,474	20,011
46	27	96 566	22 175,964	446 852,137	20,150	19,687
47	28	96 335	21 426,516	424 676,173	19,820	19,356
48	29	96 084	20 698,056	403 249,658	19,482	19,019
49	30	95 804	19 988,136	382 551,602	19,139	18,675
50	31	95 489	19 295,328	362 563,467	18,790	18,327
51	32	95 142	18 619,997	343 268,139	18,435	17,972
52	33	94 757	17 960,978	324 648,142	18,075	17,612
53	34	94 331	17 317,348	306 687,163	17,710	17,246
54	35	93 850	16 686,687	289 369,815	17,341	16,878
55	36	93 312	16 068,896	272 683,129	16,970	16,506
56	37	92 718	15 463,984	256 614,233	16,594	16,131
57	38	92 064	14 871,501	241 150,249	16,216	15,752
58	39	91 333	14 289,156	226 278,747	15,836	15,372
59	40	90 534	13 718,244	211 989,592	15,453	14,989
60	41	89 663	13 158,663	198 271,347	15,068	14,604
61	42	88 716	12 609,833	185 112,684	14,680	14,216
62	43	87 687	12 071,163	172 502,851	14,290	13,827
63	44	86 561	11 541,102	160 431,688	13,901	13,437
64	45	85 354	11 022,047	148 890,587	13,508	13,045
65	46	84 041	10 510,835	137 868,540	13,117	12,653
66	47	82 644	10 010,795	127 357,705	12,722	12,258
67	48	81 160	9 521,614	117 346,910	12,324	11,861
68	49	79 573	9 041,507	107 825,296	11,926	11,462
69	50	77 910	8 573,935	98 783,789	11,521	11,058
70	51	76 125	8 113,778	90 209,855	11,118	10,654
71	52	74 268	7 666,655	82 096,076	10,708	10,245
72	53	72 269	7 225,479	74 429,422	10,301	9,837
73	54	70 196	6 797,309	67 203,942	9,887	9,423
74	55	67 981	6 375,633	60 406,634	9,475	9,011
75	56	65 654	5 963,580	54 031,001	9,060	8,597
76	57	63 220	5 561,704	48 067,421	8,643	8,179
77	58	60 631	5 166,050	42 505,717	8,228	7,764
78	59	57 910	4 778,943	37 339,667	7,813	7,350
79	60	55 017	4 397,267	32 560,724	7,405	6,941
80	61	51 965	4 022,585	28 163,457	7,001	6,538
81	62	48 754	3 655,242	24 140,872	6,604	6,141
82	63	45 328	3 291,417	20 485,630	6,224	5,760
83	64	41 751	2 936,250	17 194,213	5,856	5,392
84	65	38 063	2 592,636	14 257,963	5,499	5,036
85	66	34 286	2 261,856	11 665,326	5,157	4,694
86	67	30 428	1 944,155	9 403,470	4,837	4,373
87	68	26 592	1 645,567	7 459,314	4,533	4,069
88	69	22 838	1 368,750	5 813,747	4,247	3,784
89	70	19 217	1 115,494	4 444,998	3,985	3,521
90	71	15 842	890,633	3 329,503	3,738	3,275
91	72	12 788	696,309	2 438,870	3,503	3,039
92	73	10 090	532,134	1 742,560	3,275	2,811
93	74	7 688	392,674	1 210,427	3,083	2,619
94	75	5 713	282,604	817,753	2,894	2,430
95	76	4 090	195,961	535,149	2,731	2,267
96	77	2 841	131,823	339,188	2,573	2,109
97	78	1 879	84,456	207,365	2,455	1,992
98	79	1 212	52,776	122,909	2,329	1,865
99	80	751	31,644	70,132	2,216	1,753
100	81	446	18,196	38,489	2,115	1,652

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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20	0	99 344	52 401,191	1 378 038,757	26,298	25,834
21	1	99 003	50 577,382	1 325 637,566	26,210	25,746
22	2	98 938	48 953,366	1 275 060,184	26,046	25,583
23	3	98 881	47 385,064	1 226 106,819	25,875	25,412
24	4	98 830	45 869,998	1 178 721,754	25,697	25,233
25	5	98 774	44 400,804	1 132 851,756	25,514	25,051
26	6	98 722	42 980,539	1 088 450,952	25,324	24,861
27	7	98 668	41 604,858	1 045 470,414	25,129	24,665
28	8	98 618	40 274,782	1 003 865,555	24,925	24,462
29	9	98 563	38 985,423	963 590,774	24,717	24,253
30	10	98 506	37 736,273	924 605,351	24,502	24,038
31	11	98 445	36 525,794	886 869,078	24,281	23,817
32	12	98 376	35 351,551	850 343,284	24,054	23,590
33	13	98 306	34 214,396	814 991,733	23,820	23,357
34	14	98 225	33 110,064	780 777,337	23,581	23,118
35	15	98 140	32 040,226	747 667,274	23,335	22,872
36	16	98 050	31 003,028	715 627,047	23,082	22,619
37	17	97 951	29 996,921	684 624,019	22,823	22,360
38	18	97 842	29 020,289	654 627,098	22,558	22,094
39	19	97 718	28 071,277	625 606,809	22,286	21,823
40	20	97 592	27 152,644	597 535,532	22,007	21,543
41	21	97 453	26 260,555	570 382,888	21,720	21,257
42	22	97 307	25 395,839	544 122,333	21,426	20,962
43	23	97 151	24 557,018	518 726,494	21,123	20,660
44	24	96 984	23 743,142	494 169,476	20,813	20,350
45	25	96 792	22 950,302	470 426,334	20,498	20,034
46	26	96 584	22 180,138	447 476,032	20,175	19,711
47	27	96 356	21 431,127	425 295,894	19,845	19,381
48	28	96 107	20 702,934	403 864,767	19,508	19,044
49	29	95 829	19 993,309	383 161,832	19,165	18,701
50	30	95 520	19 301,449	363 168,523	18,816	18,352
51	31	95 172	18 625,846	343 867,075	18,462	17,998
52	32	94 790	17 967,134	325 241,229	18,102	17,638
53	33	94 365	17 323,590	307 274,095	17,737	17,274
54	34	93 888	16 693,464	289 950,504	17,369	16,905
55	35	93 351	16 075,521	273 257,040	16,998	16,535
56	36	92 761	15 471,078	257 181,519	16,623	16,160
57	37	92 107	14 878,564	241 710,441	16,246	15,782
58	38	91 389	14 297,781	226 831,878	15,865	15,401
59	39	90 589	13 726,496	212 534,097	15,483	15,020
60	40	89 725	13 167,692	198 807,601	15,098	14,635
61	41	88 782	12 619,174	185 639,909	14,711	14,247
62	42	87 756	12 080,752	173 020,734	14,322	13,858
63	43	86 639	11 551,591	160 939,982	13,932	13,469
64	44	85 437	11 032,755	149 388,391	13,540	13,077
65	45	84 138	10 522,960	138 355,636	13,148	12,684
66	46	82 745	10 022,999	127 832,676	12,754	12,290
67	47	81 272	9 534,679	117 809,678	12,356	11,892
68	48	79 700	9 055,942	108 274,999	11,956	11,493
69	49	78 047	8 588,949	99 219,056	11,552	11,088
70	50	76 266	8 128,843	90 630,108	11,149	10,686
71	51	74 427	7 683,117	82 501,265	10,738	10,274
72	52	72 438	7 242,376	74 818,148	10,331	9,867
73	53	70 377	6 814,807	67 575,772	9,916	9,452
74	54	68 178	6 394,103	60 760,965	9,503	9,039
75	55	65 868	5 982,997	54 366,862	9,087	8,623
76	56	63 447	5 581,670	48 383,865	8,668	8,205
77	57	60 870	5 186,402	42 802,195	8,253	7,789
78	58	58 163	4 799,819	37 615,793	7,837	7,373
79	59	55 277	4 418,060	32 815,974	7,428	6,964
80	60	52 241	4 043,920	28 397,914	7,022	6,559
81	61	49 033	3 676,144	24 353,993	6,625	6,161
82	62	45 608	3 311,733	20 677,849	6,244	5,780
83	63	42 035	2 956,201	17 366,116	5,874	5,411
84	64	38 350	2 612,156	14 409,915	5,516	5,053
85	65	34 562	2 280,029	11 797,759	5,174	4,711
86	66	30 697	1 961,341	9 517,729	4,853	4,389
87	67	26 847	1 661,320	7 556,388	4,548	4,085
88	68	23 079	1 383,226	5 895,068	4,262	3,798
89	69	19 442	1 128,534	4 511,842	3,998	3,534
90	70	16 044	901,997	3 383,308	3,751	3,287
91	71	12 966	705,983	2 481,311	3,515	3,051
92	72	10 242	540,135	1 775,328	3,287	2,823
93	73	7 816	399,228	1 235,193	3,094	2,630
94	74	5 817	287,738	835,965	2,905	2,442
95	75	4 170	199,803	548,227	2,744	2,280
96	76	2 903	134,729	348,424	2,586	2,122
97	77	1 925	86,515	213,695	2,470	2,006
98	78	1 247	54,266	127,180	2,344	1,880
99	79	775	32,670	72,914	2,232	1,768
100	80	463	18,885	40,244	2,131	1,667

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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21	0	99 301	50 729,843	1 326 458,937	26,148	25,684
22	1	98 963	48 965,506	1 275 729,094	26,054	25,590
23	2	98 893	47 390,951	1 226 763,588	25,886	25,422
24	3	98 841	45 874,729	1 179 372,637	25,709	25,245
25	4	98 783	44 405,052	1 133 497,907	25,526	25,063
26	5	98 731	42 984,368	1 089 092,855	25,337	24,873
27	6	98 677	41 608,539	1 046 108,487	25,142	24,678
28	7	98 622	40 276,653	1 004 499,948	24,940	24,476
29	8	98 570	38 988,140	964 223,296	24,731	24,268
30	9	98 512	37 738,582	925 235,156	24,517	24,053
31	10	98 450	36 527,931	887 496,574	24,296	23,833
32	11	98 384	35 354,285	850 968,643	24,070	23,606
33	12	98 314	34 217,083	815 614,359	23,836	23,373
34	13	98 234	33 113,183	781 397,276	23,598	23,134
35	14	98 149	32 043,181	748 284,093	23,352	22,889
36	15	98 062	31 006,801	716 240,912	23,099	22,636
37	16	97 965	30 001,339	685 234,111	22,840	22,376
38	17	97 855	29 024,241	655 232,773	22,575	22,112
39	18	97 737	28 076,809	626 208,532	22,303	21,840
40	19	97 609	27 157,391	598 131,723	22,025	21,561
41	20	97 471	26 265,411	570 974,332	21,739	21,275
42	21	97 323	25 400,028	544 708,921	21,445	20,982
43	22	97 167	24 561,017	519 308,894	21,144	20,680
44	23	97 002	23 747,416	494 747,877	20,834	20,370
45	24	96 810	22 954,433	471 000,461	20,519	20,055
46	25	96 603	22 184,358	448 046,029	20,196	19,733
47	26	96 374	21 435,161	425 861,671	19,867	19,404
48	27	96 128	20 707,390	404 426,509	19,531	19,067
49	28	95 852	19 998,022	383 719,119	19,188	18,724
50	29	95 544	19 306,444	363 721,098	18,839	18,376
51	30	95 202	18 631,754	344 414,653	18,485	18,022
52	31	94 820	17 972,778	325 782,899	18,126	17,663
53	32	94 397	17 329,528	307 810,121	17,762	17,299
54	33	93 922	16 699,481	290 480,593	17,395	16,931
55	34	93 389	16 082,051	273 781,112	17,024	16,560
56	35	92 799	15 477,456	257 699,061	16,650	16,186
57	36	92 150	14 885,389	242 221,605	16,272	15,809
58	37	91 432	14 304,571	227 336,216	15,893	15,429
59	38	90 643	13 734,781	213 031,646	15,510	15,047
60	39	89 779	13 175,613	199 296,864	15,126	14,663
61	40	88 843	12 627,833	186 121,251	14,739	14,275
62	41	87 821	12 089,701	173 493,418	14,351	13,887
63	42	86 708	11 560,768	161 403,717	13,961	13,498
64	43	85 515	11 042,783	149 842,949	13,569	13,106
65	44	84 220	10 533,183	138 800,166	13,177	12,714
66	45	82 840	10 034,561	128 266,984	12,783	12,319
67	46	81 371	9 546,302	118 232,423	12,385	11,922
68	47	79 809	9 068,369	108 686,121	11,985	11,522
69	48	78 171	8 602,662	99 617,752	11,580	11,116
70	49	76 400	8 143,077	91 015,090	11,177	10,713
71	50	74 565	7 697,382	82 872,013	10,766	10,303
72	51	72 593	7 257,927	75 174,631	10,358	9,894
73	52	70 541	6 830,743	67 916,704	9,943	9,479
74	53	68 353	6 410,563	61 085,961	9,529	9,065
75	54	66 059	6 000,331	54 675,398	9,112	8,648
76	55	63 653	5 599,844	48 675,067	8,692	8,229
77	56	61 088	5 205,020	43 075,224	8,276	7,812
78	57	58 393	4 818,729	37 870,203	7,859	7,395
79	58	55 519	4 437,360	33 051,475	7,448	6,985
80	59	52 488	4 063,043	28 614,115	7,043	6,579
81	60	49 293	3 695,643	24 551,072	6,643	6,180
82	61	45 869	3 330,670	20 855,430	6,262	5,798
83	62	42 294	2 974,448	17 524,759	5,892	5,428
84	63	38 610	2 629,905	14 550,311	5,533	5,069
85	64	34 822	2 297,195	11 920,406	5,189	4,725
86	65	30 944	1 977,099	9 623,211	4,867	4,404
87	66	27 084	1 676,005	7 646,111	4,562	4,098
88	67	23 300	1 396,468	5 970,106	4,275	3,812
89	68	19 647	1 140,470	4 573,638	4,010	3,547
90	69	16 231	912,542	3 433,168	3,762	3,299
91	70	13 131	714,991	2 520,627	3,525	3,062
92	71	10 384	547,638	1 805,636	3,297	2,834
93	72	7 934	405,231	1 257,998	3,104	2,641
94	73	5 914	292,541	852,767	2,915	2,451
95	74	4 246	203,433	560,226	2,754	2,290
96	75	2 960	137,370	356,793	2,597	2,134
97	76	1 967	88,422	219,423	2,482	2,018
98	77	1 277	55,589	131,001	2,357	1,893
99	78	797	33,592	75,412	2,245	1,781
100	79	478	19,498	41,820	2,145	1,681

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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22	0	99 261	49 113,108	1 276 489,085	25,991	25,527
23	1	98 918	47 402,704	1 227 375,977	25,893	25,429
24	2	98 853	45 880,429	1 179 973,272	25,718	25,255
25	3	98 794	44 409,632	1 134 092,844	25,537	25,073
26	4	98 740	42 988,481	1 089 683,211	25,348	24,885
27	5	98 685	41 612,246	1 046 694,730	25,154	24,690
28	6	98 631	40 280,216	1 005 082,484	24,952	24,489
29	7	98 574	38 989,951	964 802,269	24,745	24,281
30	8	98 518	37 741,212	925 812,318	24,531	24,067
31	9	98 456	36 530,165	888 071,106	24,311	23,847
32	10	98 390	35 356,353	851 540,940	24,085	23,621
33	11	98 322	34 219,729	816 184,587	23,851	23,388
34	12	98 242	33 115,784	781 964,859	23,613	23,149
35	13	98 159	32 046,200	748 849,075	23,368	22,904
36	14	98 071	31 009,660	716 802,875	23,115	22,652
37	15	97 977	30 004,989	685 793,215	22,856	22,392
38	16	97 869	29 028,516	655 788,226	22,591	22,128
39	17	97 751	28 080,632	626 759,710	22,320	21,856
40	18	97 628	27 162,743	598 679,078	22,040	21,577
41	19	97 488	26 270,002	571 516,335	21,755	21,292
42	20	97 341	25 404,724	545 246,333	21,462	20,999
43	21	97 183	24 565,068	519 841,609	21,162	20,698
44	22	97 017	23 751,282	495 276,541	20,853	20,389
45	23	96 827	22 958,564	471 525,259	20,538	20,074
46	24	96 620	22 188,350	448 566,694	20,216	19,753
47	25	96 392	21 439,239	426 378,344	19,888	19,424
48	26	96 146	20 711,288	404 939,105	19,552	19,088
49	27	95 872	20 002,326	384 227,817	19,209	18,746
50	28	95 567	19 310,995	364 225,491	18,861	18,397
51	29	95 227	18 636,577	344 914,496	18,507	18,044
52	30	94 850	17 978,479	326 277,919	18,148	17,685
53	31	94 427	17 334,971	308 299,440	17,785	17,321
54	32	93 954	16 705,205	290 964,469	17,418	16,954
55	33	93 422	16 087,847	274 259,264	17,048	16,584
56	34	92 837	15 483,743	258 171,416	16,674	16,210
57	35	92 188	14 891,526	242 687,674	16,297	15,833
58	36	91 474	14 311,132	227 796,148	15,917	15,454
59	37	90 686	13 741,304	213 485,015	15,536	15,072
60	38	89 833	13 183,566	199 743,711	15,151	14,687
61	39	88 896	12 635,429	186 560,146	14,765	14,301
62	40	87 881	12 097,997	173 924,717	14,376	13,913
63	41	86 772	11 569,332	161 826,720	13,988	13,524
64	42	85 583	11 051,555	150 257,388	13,596	13,132
65	43	84 296	10 542,756	139 205,833	13,204	12,740
66	44	82 921	10 044,309	128 663,076	12,810	12,346
67	45	81 465	9 557,314	118 618,767	12,411	11,948
68	46	79 907	9 079,423	109 061,453	12,012	11,548
69	47	78 279	8 614,466	99 982,030	11,606	11,143
70	48	76 522	8 156,078	91 367,563	11,202	10,739
71	49	74 696	7 710,861	83 211,485	10,791	10,328
72	50	72 728	7 271,402	75 500,624	10,383	9,920
73	51	70 693	6 845,410	68 229,221	9,967	9,504
74	52	68 513	6 425,554	61 383,811	9,553	9,089
75	53	66 229	6 015,777	54 958,257	9,136	8,672
76	54	63 838	5 616,067	48 942,480	8,715	8,251
77	55	61 287	5 221,968	43 326,413	8,297	7,833
78	56	58 602	4 836,027	38 104,445	7,879	7,416
79	57	55 737	4 454,841	33 268,418	7,468	7,004
80	58	52 717	4 080,792	28 813,577	7,061	6,597
81	59	49 526	3 713,118	24 732,785	6,661	6,197
82	60	46 112	3 348,336	21 019,667	6,278	5,814
83	61	42 536	2 991,457	17 671,331	5,907	5,444
84	62	38 849	2 646,138	14 679,874	5,548	5,084
85	63	35 059	2 312,804	12 033,737	5,203	4,739
86	64	31 177	1 991,985	9 720,932	4,880	4,416
87	65	27 301	1 689,471	7 728,947	4,575	4,111
88	66	23 506	1 408,812	6 039,476	4,287	3,823
89	67	19 835	1 151,388	4 630,664	4,022	3,558
90	68	16 403	922,193	3 479,277	3,773	3,309
91	69	13 284	723,349	2 557,084	3,535	3,071
92	70	10 517	554,626	1 833,735	3,306	2,843
93	71	8 044	410,860	1 279,109	3,113	2,650
94	72	6 003	296,939	868,249	2,924	2,460
95	73	4 317	206,828	571,309	2,762	2,299
96	74	3 014	139,866	364,481	2,606	2,142
97	75	2 006	90,156	224,615	2,491	2,028
98	76	1 305	56,814	134,459	2,367	1,903
99	77	816	34,411	77,645	2,256	1,793
100	78	491	20,048	43,234	2,157	1,693

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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23	0	99 216	47 545,595	1 228 079,376	25,830	25,366
24	1	98 877	45 891,807	1 180 533,781	25,724	25,261
25	2	98 806	44 415,150	1 134 641,973	25,546	25,083
26	3	98 750	42 992,915	1 090 226,823	25,358	24,895
27	4	98 695	41 616,228	1 047 233,909	25,164	24,700
28	5	98 640	40 283,804	1 005 617,681	24,963	24,500
29	6	98 583	38 993,400	965 333,877	24,756	24,293
30	7	98 523	37 742,965	926 340,476	24,543	24,080
31	8	98 463	36 532,711	888 597,511	24,323	23,860
32	9	98 396	35 358,516	852 064,800	24,098	23,634
33	10	98 327	34 221,730	816 706,284	23,865	23,402
34	11	98 250	33 118,345	782 484,553	23,627	23,163
35	12	98 166	32 048,716	749 366,209	23,382	22,918
36	13	98 080	31 012,582	717 317,492	23,130	22,666
37	14	97 986	30 007,756	686 304,911	22,871	22,407
38	15	97 881	29 032,048	656 297,154	22,606	22,142
39	16	97 765	28 084,768	627 265,107	22,335	21,871
40	17	97 642	27 166,442	599 180,339	22,056	21,592
41	18	97 508	26 275,179	572 013,897	21,770	21,306
42	19	97 358	25 409,166	545 738,718	21,478	21,014
43	20	97 201	24 569,610	520 329,553	21,178	20,714
44	21	97 033	23 755,200	495 759,943	20,870	20,406
45	22	96 843	22 962,303	472 004,743	20,556	20,092
46	23	96 638	22 192,344	449 042,440	20,234	19,770
47	24	96 410	21 443,098	426 850,096	19,906	19,443
48	25	96 164	20 715,228	405 406,998	19,570	19,107
49	26	95 890	20 006,091	384 691,770	19,229	18,765
50	27	95 588	19 315,151	364 685,679	18,881	18,417
51	28	95 249	18 640,970	345 370,528	18,527	18,064
52	29	94 874	17 983,133	326 729,558	18,169	17,705
53	30	94 457	17 340,470	308 746,425	17,805	17,341
54	31	93 983	16 710,452	291 405,955	17,439	16,975
55	32	93 454	16 093,362	274 695,503	17,069	16,605
56	33	92 870	15 489,324	258 602,141	16,696	16,232
57	34	92 225	14 897,574	243 112,817	16,319	15,855
58	35	91 512	14 317,033	228 215,243	15,940	15,476
59	36	90 728	13 747,607	213 898,210	15,559	15,095
60	37	89 876	13 189,827	200 150,603	15,175	14,711
61	38	88 950	12 643,056	186 960,777	14,788	14,324
62	39	87 934	12 105,274	174 317,721	14,400	13,937
63	40	86 832	11 577,271	162 212,447	14,011	13,548
64	41	85 646	11 059,742	150 635,176	13,620	13,157
65	42	84 363	10 551,132	139 575,434	13,228	12,765
66	43	82 996	10 053,439	129 024,303	12,834	12,370
67	44	81 544	9 566,599	118 970,864	12,436	11,972
68	45	79 999	9 089,897	109 404,265	12,036	11,572
69	46	78 374	8 624,967	100 314,368	11,631	11,167
70	47	76 627	8 167,270	91 689,401	11,226	10,763
71	48	74 815	7 723,172	83 522,131	10,814	10,351
72	49	72 856	7 284,136	75 798,958	10,406	9,942
73	50	70 824	6 858,120	68 514,823	9,990	9,527
74	51	68 660	6 439,352	61 656,703	9,575	9,111
75	52	66 384	6 029,845	55 217,351	9,157	8,694
76	53	64 002	5 630,524	49 187,507	8,736	8,272
77	54	61 465	5 237,096	43 556,983	8,317	7,853
78	55	58 793	4 851,773	38 319,886	7,898	7,434
79	56	55 938	4 470,833	33 468,113	7,486	7,022
80	57	52 925	4 096,868	28 997,280	7,078	6,614
81	58	49 742	3 729,338	24 900,412	6,677	6,213
82	59	46 330	3 364,169	21 171,074	6,293	5,829
83	60	42 762	3 007,324	17 806,904	5,921	5,458
84	61	39 071	2 661,269	14 799,581	5,561	5,097
85	62	35 275	2 327,080	12 138,311	5,216	4,752
86	63	31 389	2 005,520	9 811,232	4,892	4,428
87	64	27 507	1 702,191	7 805,712	4,586	4,122
88	65	23 695	1 420,131	6 103,521	4,298	3,834
89	66	20 011	1 161,565	4 683,390	4,032	3,568
90	67	16 560	931,021	3 521,825	3,783	3,319
91	68	13 425	730,999	2 590,804	3,544	3,081
92	69	10 640	561,109	1 859,804	3,315	2,851
93	70	8 147	416,103	1 298,695	3,121	2,657
94	71	6 086	301,064	882,592	2,932	2,468
95	72	4 382	209,938	581,528	2,770	2,306
96	73	3 064	142,200	371,590	2,613	2,150
97	74	2 042	91,794	229,389	2,499	2,035
98	75	1 331	57,928	137,595	2,375	1,912
99	76	834	35,169	79,667	2,265	1,802
100	77	503	20,536	44,498	2,167	1,703

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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24	0	99 175	46 030,144	1 181 185,021	25,661	25,197
25	1	98 830	44 426,165	1 135 154,878	25,551	25,088
26	2	98 763	42 998,256	1 090 728,713	25,367	24,903
27	3	98 705	41 620,520	1 047 730,457	25,173	24,710
28	4	98 649	40 287,659	1 006 109,937	24,973	24,510
29	5	98 592	38 996,874	965 822,277	24,767	24,303
30	6	98 532	37 746,304	926 825,403	24,554	24,090
31	7	98 468	36 534,408	889 079,099	24,335	23,872
32	8	98 403	35 360,980	852 544,690	24,110	23,646
33	9	98 333	34 223,824	817 183,710	23,878	23,414
34	10	98 255	33 120,282	782 959,886	23,640	23,176
35	11	98 174	32 051,195	749 839,604	23,395	22,931
36	12	98 088	31 015,017	717 788,410	23,143	22,680
37	13	97 996	30 010,584	686 773,392	22,884	22,421
38	14	97 890	29 034,725	656 762,809	22,620	22,156
39	15	97 777	28 088,185	627 728,084	22,348	21,885
40	16	97 656	27 170,443	599 639,899	22,070	21,606
41	17	97 521	26 278,757	572 469,456	21,784	21,321
42	18	97 377	25 414,173	546 190,699	21,492	21,028
43	19	97 218	24 573,905	520 776,526	21,192	20,729
44	20	97 051	23 759,592	496 202,621	20,884	20,421
45	21	96 859	22 966,090	472 443,029	20,571	20,108
46	22	96 653	22 195,958	449 476,939	20,250	19,787
47	23	96 427	21 446,958	427 280,981	19,923	19,459
48	24	96 181	20 718,956	405 834,024	19,588	19,124
49	25	95 909	20 009,897	385 115,067	19,246	18,783
50	26	95 605	19 318,787	365 105,170	18,899	18,435
51	27	95 270	18 644,982	345 786,383	18,546	18,082
52	28	94 897	17 987,371	327 141,401	18,187	17,724
53	29	94 481	17 344,959	309 154,030	17,824	17,360
54	30	94 013	16 715,753	291 809,071	17,457	16,994
55	31	93 484	16 098,416	275 093,318	17,088	16,625
56	32	92 902	15 494,633	258 994,902	16,715	16,252
57	33	92 258	14 902,944	243 500,269	16,339	15,875
58	34	91 549	14 322,848	228 597,324	15,960	15,497
59	35	90 765	13 753,275	214 274,477	15,580	15,116
60	36	89 917	13 195,877	200 521,201	15,196	14,732
61	37	88 992	12 649,060	187 325,324	14,809	14,346
62	38	87 987	12 112,581	174 676,265	14,421	13,957
63	39	86 884	11 584,234	162 563,684	14,033	13,570
64	40	85 705	11 067,331	150 979,449	13,642	13,178
65	41	84 426	10 558,948	139 912,118	13,251	12,787
66	42	83 062	10 061,425	129 353,171	12,856	12,393
67	43	81 618	9 575,294	119 291,746	12,458	11,995
68	44	80 076	9 098,728	109 716,451	12,058	11,595
69	45	78 464	8 634,917	100 617,723	11,652	11,189
70	46	76 720	8 177,226	91 982,807	11,249	10,785
71	47	74 918	7 733,770	83 805,581	10,836	10,373
72	48	72 972	7 295,765	76 071,811	10,427	9,963
73	49	70 948	6 870,129	68 776,045	10,011	9,547
74	50	68 788	6 451,307	61 905,916	9,596	9,132
75	51	66 526	6 042,792	55 454,609	9,177	8,713
76	52	64 152	5 643,691	49 411,817	8,755	8,292
77	53	61 623	5 250,578	43 768,126	8,336	7,872
78	54	58 963	4 865,829	38 517,548	7,916	7,452
79	55	56 120	4 485,390	33 651,719	7,503	7,039
80	56	53 114	4 111,575	29 166,328	7,094	6,630
81	57	49 938	3 744,030	25 054,753	6,692	6,228
82	58	46 532	3 378,865	21 310,723	6,307	5,843
83	59	42 964	3 021,544	17 931,858	5,935	5,471
84	60	39 278	2 675,385	14 910,314	5,573	5,110
85	61	35 477	2 340,387	12 234,929	5,228	4,764
86	62	31 582	2 017,898	9 894,542	4,903	4,440
87	63	27 694	1 713,757	7 876,644	4,596	4,133
88	64	23 873	1 430,823	6 162,887	4,307	3,844
89	65	20 171	1 170,898	4 732,064	4,041	3,578
90	66	16 707	939,251	3 561,166	3,791	3,328
91	67	13 553	737,997	2 621,915	3,553	3,089
92	68	10 752	567,044	1 883,918	3,322	2,859
93	69	8 242	420,967	1 316,874	3,128	2,665
94	70	6 164	304,906	895,907	2,938	2,475
95	71	4 443	212,855	591,001	2,777	2,313
96	72	3 110	144,339	378,147	2,620	2,156
97	73	2 077	93,326	233,808	2,505	2,042
98	74	1 355	58,980	140,482	2,382	1,918
99	75	851	35,859	81,502	2,273	1,809
100	76	514	20,989	45,643	2,175	1,711

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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25	0	99 128	44 560,083	1 135 758,042	25,488	25,025
26	1	98 787	43 008,920	1 091 197,959	25,371	24,908
27	2	98 717	41 625,691	1 048 189,039	25,181	24,718
28	3	98 659	40 291,814	1 006 563,348	24,982	24,518
29	4	98 601	39 000,606	966 271,533	24,776	24,312
30	5	98 541	37 749,667	927 270,927	24,564	24,100
31	6	98 476	36 537,641	889 521,260	24,345	23,882
32	7	98 407	35 362,623	852 983,620	24,121	23,657
33	8	98 340	34 226,209	817 620,997	23,889	23,425
34	9	98 261	33 122,308	783 394,788	23,652	23,188
35	10	98 180	32 053,070	750 272,480	23,407	22,944
36	11	98 095	31 017,416	718 219,410	23,155	22,692
37	12	98 003	30 012,940	687 201,994	22,897	22,433
38	13	97 900	29 037,461	657 189,054	22,632	22,169
39	14	97 786	28 090,775	628 151,593	22,361	21,898
40	15	97 668	27 173,749	600 060,818	22,082	21,619
41	16	97 535	26 282,627	572 887,069	21,797	21,334
42	17	97 391	25 417,634	546 604,442	21,505	21,041
43	18	97 237	24 578,748	521 186,809	21,205	20,741
44	19	97 068	23 763,746	496 608,061	20,898	20,434
45	20	96 877	22 970,337	472 844,315	20,585	20,121
46	21	96 669	22 199,619	449 873,978	20,265	19,801
47	22	96 443	21 450,450	427 674,360	19,938	19,474
48	23	96 199	20 722,686	406 223,910	19,603	19,139
49	24	95 926	20 013,498	385 501,224	19,262	18,798
50	25	95 624	19 322,463	365 487,726	18,915	18,452
51	26	95 288	18 648,491	346 165,263	18,563	18,099
52	27	94 917	17 991,243	327 516,772	18,204	17,741
53	28	94 504	17 349,047	309 525,529	17,841	17,377
54	29	94 038	16 720,080	292 176,482	17,475	17,011
55	30	93 513	16 103,523	275 456,402	17,105	16,642
56	31	92 931	15 499,500	259 352,879	16,733	16,269
57	32	92 290	14 908,052	243 853,379	16,357	15,894
58	33	91 582	14 328,011	228 945,327	15,979	15,515
59	34	90 802	13 758,861	214 617,316	15,598	15,135
60	35	89 954	13 201,318	200 858,455	15,215	14,751
61	36	89 033	12 654,862	187 657,138	14,829	14,365
62	37	88 029	12 118,333	175 002,276	14,441	13,977
63	38	86 937	11 591,227	162 883,942	14,052	13,589
64	39	85 757	11 073,988	151 292,716	13,662	13,198
65	40	84 484	10 566,193	140 218,728	13,271	12,807
66	41	83 124	10 068,879	129 652,535	12,877	12,413
67	42	81 683	9 582,901	119 583,656	12,479	12,015
68	43	80 149	9 106,998	110 000,755	12,079	11,615
69	44	78 541	8 643,306	100 893,758	11,673	11,209
70	45	76 809	8 186,659	92 250,452	11,268	10,805
71	46	75 009	7 743,197	84 063,793	10,856	10,393
72	47	73 072	7 305,777	76 320,596	10,447	9,983
73	48	71 061	6 881,098	69 014,819	10,030	9,566
74	49	68 908	6 462,604	62 133,721	9,614	9,151
75	50	66 650	6 054,012	55 671,117	9,196	8,732
76	51	64 289	5 655,809	49 617,105	8,773	8,309
77	52	61 767	5 262,856	43 961,296	8,353	7,890
78	53	59 115	4 878,355	38 698,440	7,933	7,469
79	54	56 282	4 498,385	33 820,085	7,518	7,055
80	55	53 287	4 124,963	29 321,700	7,108	6,645
81	56	50 118	3 757,471	25 196,737	6,706	6,242
82	57	46 716	3 392,177	21 439,267	6,320	5,857
83	58	43 152	3 034,743	18 047,090	5,947	5,483
84	59	39 464	2 688,036	15 012,347	5,585	5,121
85	60	35 665	2 352,800	12 324,311	5,238	4,775
86	61	31 763	2 029,438	9 971,511	4,913	4,450
87	62	27 865	1 724,335	7 942,073	4,606	4,142
88	63	24 035	1 440,545	6 217,739	4,316	3,853
89	64	20 323	1 179,714	4 777,193	4,049	3,586
90	65	16 841	946,797	3 597,480	3,800	3,336
91	66	13 673	744,521	2 650,683	3,560	3,097
92	67	10 855	572,472	1 906,162	3,330	2,866
93	68	8 329	425,419	1 333,690	3,135	2,671
94	69	6 236	308,470	908,271	2,944	2,481
95	70	4 499	215,571	599,801	2,782	2,319
96	71	3 154	146,344	384,230	2,626	2,162
97	72	2 108	94,729	237,886	2,511	2,048
98	73	1 378	59,965	143,157	2,387	1,924
99	74	866	36,510	83,192	2,279	1,815
100	75	524	21,401	46,682	2,181	1,718

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	2 679 877,168	26,799	26,335	50	50	94 053	16 840,437	285 526,598	16,955	16,491
1	1	99 344	95 984,840	2 579 877,168	26,878	26,414	51	51	93 566	16 186,813	268 686,161	16,599	16,135
2	2	99 292	92 690,355	2 483 892,328	26,798	26,334	52	52	93 020	15 548,149	252 499,349	16,240	15,776
3	3	99 264	89 530,794	2 391 201,973	26,708	26,244	53	53	92 419	14 925,261	236 951,199	15,876	15,412
4	4	99 243	86 484,839	2 301 671,179	26,614	26,150	54	54	91 749	14 315,950	222 025,938	15,509	15,045
5	5	99 223	83 543,334	2 215 186,340	26,515	26,051	55	55	90 997	13 718,559	207 709,988	15,141	14,677
6	6	99 204	80 702,899	2 131 643,006	26,413	25,949	56	56	90 166	13 133,514	193 991,430	14,771	14,307
7	7	99 187	77 959,830	2 050 940,107	26,308	25,844	57	57	89 251	12 560,705	180 857,916	14,399	13,935
8	8	99 174	75 313,520	1 972 980,276	26,197	25,733	58	58	88 249	11 999,689	168 297,211	14,025	13,561
9	9	99 158	72 755,393	1 897 666,756	26,083	25,619	59	59	87 149	11 449,322	156 297,522	13,651	13,187
10	10	99 144	70 285,142	1 824 911,363	25,964	25,500	60	60	85 963	10 911,685	144 848,201	13,275	12,811
11	11	99 130	67 898,997	1 754 626,221	25,842	25,378	61	61	84 669	10 383,967	133 936,515	12,898	12,434
12	12	99 115	65 592,746	1 686 727,224	25,715	25,251	62	62	83 277	9 867,821	123 552,548	12,521	12,057
13	13	99 101	63 365,295	1 621 134,479	25,584	25,120	63	63	81 777	9 362,489	113 684,726	12,143	11,679
14	14	99 082	61 210,869	1 557 769,184	25,449	24,985	64	64	80 171	8 868,227	104 322,237	11,764	11,300
15	15	99 059	59 127,461	1 496 558,315	25,311	24,847	65	65	78 438	8 383,100	95 454,010	11,386	10,922
16	16	99 031	57 111,899	1 437 430,854	25,169	24,705	66	66	76 613	7 911,147	87 070,910	11,006	10,542
17	17	98 992	55 158,800	1 380 318,955	25,024	24,560	67	67	74 681	7 450,828	79 159,763	10,624	10,160
18	18	98 951	53 271,629	1 325 160,155	24,876	24,412	68	68	72 641	7 002,282	71 708,935	10,241	9,777
19	19	98 894	51 440,315	1 271 888,526	24,726	24,261	69	69	70 502	6 566,280	64 706,653	9,854	9,390
20	20	98 837	49 672,339	1 220 448,211	24,570	24,106	70	70	68 217	6 138,614	58 140,373	9,471	9,007
21	21	98 777	47 963,004	1 170 775,873	24,410	23,946	71	71	65 856	5 725,692	52 001,759	9,082	8,618
22	22	98 720	46 314,648	1 122 812,869	24,243	23,779	72	72	63 353	5 321,832	46 276,067	8,696	8,231
23	23	98 659	44 720,869	1 076 498,220	24,071	23,607	73	73	60 780	4 933,057	40 954,235	8,302	7,838
24	24	98 601	43 183,101	1 031 777,351	23,893	23,429	74	74	58 064	4 553,233	36 021,178	7,911	7,447
25	25	98 537	41 695,487	988 594,250	23,710	23,246	75	75	55 255	4 186,451	31 467,945	7,517	7,053
26	26	98 475	40 260,193	946 898,763	23,519	23,055	76	76	52 370	3 833,711	27 281,495	7,116	6,652
27	27	98 411	38 873,570	906 638,571	23,323	22,859	77	77	49 336	3 489,465	23 447,784	6,720	6,256
28	28	98 344	37 533,581	867 765,000	23,120	22,656	78	78	46 202	3 157,296	19 958,319	6,321	5,857
29	29	98 274	36 238,205	830 231,419	22,910	22,446	79	79	42 891	2 831,898	16 801,023	5,933	5,469
30	30	98 197	34 985,439	793 993,214	22,695	22,231	80	80	39 447	2 516,431	13 969,125	5,551	5,087
31	31	98 111	33 772,666	759 007,775	22,474	22,010	81	81	35 864	2 210,503	11 452,695	5,181	4,717
32	32	98 019	32 600,259	725 235,109	22,246	21,782	82	82	32 118	1 912,669	9 242,191	4,832	4,368
33	33	97 924	31 467,080	692 634,850	22,011	21,547	83	83	28 314	1 629,101	7 329,522	4,499	4,035
34	34	97 817	30 369,784	661 167,770	21,771	21,307	84	84	24 532	1 363,793	5 700,421	4,180	3,716
35	35	97 702	29 308,302	630 797,986	21,523	21,059	85	85	20 824	1 118,492	4 336,628	3,877	3,413
36	36	97 583	28 282,821	601 489,684	21,267	20,803	86	86	17 225	893,890	3 218,136	3,600	3,136
37	37	97 455	27 290,393	573 206,863	21,004	20,540	87	87	13 872	695,570	2 324,246	3,341	2,877
38	38	97 313	26 329,190	545 916,470	20,734	20,270	88	88	10 836	524,973	1 628,676	3,102	2,638
39	39	97 150	25 396,341	519 587,280	20,459	19,995	89	89	8 172	382,483	1 103,703	2,886	2,422
40	40	96 984	24 495,459	494 190,939	20,175	19,711	90	90	5 939	268,571	721,220	2,685	2,221
41	41	96 797	23 621,608	469 695,480	19,884	19,420	91	91	4 144	181,055	452,648	2,500	2,036
42	42	96 597	22 775,497	446 073,872	19,586	19,122	92	92	2 762	116,620	271,593	2,329	1,865
43	43	96 381	21 956,165	423 298,376	19,279	18,815	93	93	1 739	70,916	154,972	2,185	1,721
44	44	96 145	21 161,788	401 342,211	18,965	18,501	94	94	1 041	41,007	84,056	2,050	1,586
45	45	95 879	20 389,601	380 180,423	18,646	18,182	95	95	585	22,265	43,049	1,933	1,469
46	46	95 581	19 638,856	359 790,822	18,320	17,856	96	96	310	11,411	20,784	1,821	1,357
47	47	95 257	18 910,340	340 151,965	17,988	17,524	97	97	150	5,337	9,374	1,756	1,292
48	48	94 901	18 202,619	321 241,625	17,648	17,184	98	98	70	2,398	4,037	1,684	1,220
49	49	94 498	17 512,408	303 039,007	17,304	16,840	99	99	31	1,017	1,639	1,611	1,147
							100	100	13	0,401	0,622	1,549	1,085

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 699	99 699,466	2 676 151,449	26,842	26,378	50	51	93 878	16 809,229	282 684,882	16,817	16,353
1	2	99 320	95 961,042	2 576 451,984	26,849	26,385	51	52	93 366	16 152,129	265 875,653	16,461	15,997
2	3	99 280	92 678,840	2 480 490,942	26,764	26,300	52	53	92 803	15 511,876	249 723,524	16,099	15,635
3	4	99 254	89 521,561	2 387 812,102	26,673	26,209	53	54	92 182	14 886,938	234 211,648	15,733	15,269
4	5	99 234	86 476,564	2 298 290,541	26,577	26,113	54	55	91 483	14 274,596	219 324,710	15,365	14,901
5	6	99 214	83 535,892	2 211 813,977	26,477	26,013	55	56	90 702	13 674,036	205 050,115	14,996	14,532
6	7	99 196	80 695,760	2 128 278,085	26,374	25,910	56	57	89 843	13 086,536	191 376,079	14,624	14,160
7	8	99 182	77 956,209	2 047 582,325	26,266	25,802	57	58	88 901	12 511,415	178 289,543	14,250	13,786
8	9	99 167	75 308,272	1 969 626,116	26,154	25,690	58	59	87 865	11 947,497	165 778,128	13,876	13,412
9	10	99 152	72 750,943	1 894 317,844	26,038	25,574	59	60	86 738	11 395,437	153 830,631	13,499	13,035
10	11	99 138	70 281,030	1 821 566,901	25,918	25,454	60	61	85 510	10 854,116	142 435,194	13,123	12,659
11	12	99 123	67 893,746	1 751 285,871	25,795	25,330	61	62	84 188	10 324,925	131 581,078	12,744	12,280
12	13	99 107	65 587,595	1 683 392,124	25,666	25,202	62	63	82 766	9 807,288	121 256,153	12,364	11,900
13	14	99 091	63 359,325	1 617 804,529	25,534	25,070	63	64	81 226	9 299,303	111 448,865	11,985	11,521
14	15	99 073	61 205,225	1 554 445,205	25,397	24,933	64	65	79 572	8 801,958	102 149,562	11,605	11,141
15	16	99 047	59 120,267	1 493 239,980	25,258	24,794	65	66	77 813	8 316,283	93 347,604	11,225	10,761
16	17	99 017	57 103,489	1 434 119,713	25,114	24,650	66	67	75 942	7 841,828	85 031,321	10,843	10,379
17	18	98 979	55 151,289	1 377 016,223	24,968	24,504	67	68	73 972	7 380,177	77 189,493	10,459	9,995
18	19	98 932	53 261,134	1 321 864,934	24,819	24,355	68	69	71 881	6 928,999	69 809,315	10,075	9,611
19	20	98 877	51 431,323	1 268 603,800	24,666	24,202	69	70	69 688	6 490,409	62 880,317	9,688	9,224
20	21	98 819	49 663,155	1 217 172,477	24,509	24,045	70	71	67 358	6 061,275	56 389,908	9,303	8,839
21	22	98 760	47 955,095	1 167 509,321	24,346	23,882	71	72	64 953	5 647,240	50 328,633	8,912	8,448
22	23	98 704	46 307,108	1 119 554,226	24,177	23,713	72	73	62 414	5 242,996	44 681,392	8,522	8,058
23	24	98 642	44 712,821	1 073 247,119	24,003	23,539	73	74	59 782	4 852,075	39 438,396	8,128	7,664
24	25	98 583	43 175,331	1 028 534,297	23,822	23,358	74	75	57 028	4 471,989	34 586,321	7,734	7,270
25	26	98 518	41 687,555	985 358,966	23,637	23,173	75	76	54 192	4 105,939	30 114,332	7,334	6,870
26	27	98 456	40 252,616	943 671,411	23,444	22,980	76	77	51 241	3 751,033	26 008,393	6,934	6,470
27	28	98 390	38 865,205	903 418,796	23,245	22,781	77	78	48 162	3 406,428	22 257,360	6,534	6,070
28	29	98 321	37 524,736	864 553,590	23,040	22,576	78	79	44 934	3 070,634	18 850,932	6,139	5,675
29	30	98 248	36 228,828	827 028,854	22,828	22,364	79	80	41 544	2 742,935	15 780,298	5,753	5,289
30	31	98 166	34 974,344	790 800,026	22,611	22,147	80	81	38 009	2 424,678	13 037,362	5,377	4,913
31	32	98 080	33 762,062	755 825,682	22,387	21,923	81	82	34 334	2 116,172	10 612,684	5,015	4,551
32	33	97 986	32 589,089	722 063,620	22,157	21,693	82	83	30 532	1 818,224	8 496,512	4,673	4,209
33	34	97 888	31 455,742	689 474,531	21,919	21,455	83	84	26 708	1 536,713	6 678,288	4,346	3,882
34	35	97 777	30 357,454	658 018,789	21,676	21,212	84	85	22 934	1 274,924	5 141,576	4,033	3,569
35	36	97 662	29 296,223	627 661,336	21,425	20,961	85	86	19 239	1 033,347	3 866,652	3,742	3,278
36	37	97 539	28 269,854	598 365,113	21,166	20,702	86	87	15 723	815,960	2 833,305	3,472	3,008
37	38	97 408	27 277,439	570 095,259	20,900	20,436	87	88	12 486	626,051	2 017,344	3,222	2,758
38	39	97 254	26 313,307	542 817,820	20,629	20,165	88	89	9 599	465,020	1 391,293	2,992	2,528
39	40	97 092	25 381,074	516 504,513	20,350	19,886	89	90	7 113	332,945	926,273	2,782	2,318
40	41	96 917	24 478,663	491 123,439	20,063	19,599	90	91	5 063	228,964	593,328	2,591	2,127
41	42	96 726	23 604,122	466 644,777	19,770	19,306	91	92	3 449	150,704	364,365	2,418	1,954
42	43	96 520	22 757,418	443 040,655	19,468	19,004	92	93	2 244	94,754	213,661	2,255	1,791
43	44	96 293	21 936,227	420 283,236	19,159	18,695	93	94	1 375	56,097	118,907	2,120	1,656
44	45	96 052	21 141,249	398 347,009	18,842	18,378	94	95	801	31,568	62,810	1,990	1,526
45	46	95 769	20 366,108	377 205,760	18,521	18,057	95	96	437	16,637	31,242	1,878	1,414
46	47	95 465	19 614,946	356 839,653	18,192	17,728	96	97	222	8,151	14,605	1,792	1,328
47	48	95 126	18 884,427	337 224,707	17,857	17,393	97	98	105	3,741	6,453	1,725	1,261
48	49	94 750	18 173,603	318 340,280	17,517	17,053	98	99	48	1,647	2,712	1,647	1,183
49	50	94 333	17 481,795	300 166,677	17,170	16,706	99	100	20	0,674	1,065	1,580	1,116

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 675	99 674,746	2 672 452,884	26,812	26,348
1	3	99 307	95 949,121	2 572 778,137	26,814	26,350
2	4	99 270	92 669,282	2 476 829,016	26,728	26,264
3	5	99 245	89 512,995	2 384 159,734	26,635	26,171
4	6	99 225	86 468,860	2 294 646,739	26,537	26,073
5	7	99 206	83 528,503	2 208 177,878	26,436	25,972
6	8	99 191	80 692,011	2 124 649,376	26,330	25,866
7	9	99 175	77 950,776	2 043 957,364	26,221	25,757
8	10	99 161	75 303,665	1 966 006,588	26,108	25,644
9	11	99 146	72 746,687	1 890 702,923	25,990	25,526
10	12	99 131	70 275,596	1 817 956,236	25,869	25,405
11	13	99 115	67 888,415	1 747 680,640	25,743	25,279
12	14	99 098	65 581,416	1 679 792,225	25,614	25,150
13	15	99 082	63 353,483	1 614 210,809	25,479	25,015
14	16	99 061	61 197,778	1 550 857,326	25,342	24,878
15	17	99 032	59 111,562	1 489 659,548	25,201	24,737
16	18	99 003	57 095,714	1 430 547,987	25,055	24,591
17	19	98 959	55 140,424	1 373 452,272	24,908	24,444
18	20	98 915	53 251,824	1 318 311,849	24,756	24,292
19	21	98 859	51 421,815	1 265 060,024	24,602	24,138
20	22	98 803	49 654,966	1 213 638,210	24,441	23,977
21	23	98 744	47 947,287	1 163 983,244	24,276	23,812
22	24	98 686	46 298,774	1 116 035,956	24,105	23,641
23	25	98 624	44 704,776	1 069 737,182	23,929	23,465
24	26	98 565	43 167,118	1 025 032,406	23,746	23,282
25	27	98 499	41 679,710	981 865,288	23,557	23,093
26	28	98 435	40 243,954	940 185,579	23,362	22,898
27	29	98 367	38 856,047	899 941,625	23,161	22,697
28	30	98 296	37 515,026	861 085,578	22,953	22,489
29	31	98 217	36 217,339	823 570,551	22,740	22,276
30	32	98 135	34 963,362	787 353,213	22,519	22,055
31	33	98 046	33 750,494	752 389,851	22,293	21,829
32	34	97 951	32 577,347	718 639,357	22,059	21,595
33	35	97 849	31 442,971	686 062,010	21,819	21,355
34	36	97 737	30 344,942	654 619,040	21,573	21,109
35	37	97 617	29 282,791	624 274,097	21,319	20,855
36	38	97 492	28 256,435	594 991,307	21,057	20,593
37	39	97 350	27 260,984	566 734,872	20,789	20,325
38	40	97 196	26 297,489	539 473,888	20,514	20,050
39	41	97 025	25 363,670	513 176,399	20,233	19,769
40	42	96 846	24 460,542	487 812,729	19,943	19,479
41	43	96 649	23 585,386	463 352,187	19,646	19,182
42	44	96 432	22 736,753	439 766,801	19,342	18,878
43	45	96 200	21 914,936	417 030,048	19,029	18,565
44	46	95 941	21 116,889	395 115,111	18,711	18,247
45	47	95 652	20 341,311	373 998,222	18,386	17,922
46	48	95 334	19 588,067	353 656,911	18,055	17,591
47	49	94 975	18 854,324	334 068,843	17,718	17,254
48	50	94 584	18 141,834	315 214,519	17,375	16,911
49	51	94 158	17 449,398	297 072,685	17,025	16,561
50	52	93 677	16 773,211	279 623,287	16,671	16,207
51	53	93 148	16 114,447	262 850,075	16,311	15,847
52	54	92 565	15 472,046	246 735,629	15,947	15,483
53	55	91 915	14 843,934	231 263,582	15,580	15,116
54	56	91 187	14 228,268	216 419,648	15,211	14,747
55	57	90 377	13 625,124	202 191,380	14,840	14,376
56	58	89 490	13 035,183	188 566,256	14,466	14,002
57	59	88 514	12 456,998	175 531,073	14,091	13,627
58	60	87 452	11 891,268	163 074,075	13,714	13,250
59	61	86 281	11 335,315	151 182,807	13,337	12,873
60	62	85 024	10 792,401	139 847,492	12,958	12,494
61	63	83 671	10 261,588	129 055,092	12,577	12,112
62	64	82 207	9 741,099	118 793,504	12,195	11,731
63	65	80 619	9 229,812	109 052,405	11,815	11,351
64	66	78 938	8 731,802	99 822,592	11,432	10,968
65	67	77 131	8 243,415	91 090,790	11,050	10,586
66	68	75 222	7 767,470	82 847,375	10,666	10,202
67	69	73 198	7 302,939	75 079,905	10,281	9,817
68	70	71 050	6 848,937	67 776,966	9,896	9,432
69	71	68 810	6 408,638	60 928,029	9,507	9,043
70	72	66 435	5 978,225	54 519,391	9,120	8,656
71	73	63 991	5 563,584	48 541,166	8,725	8,261
72	74	61 390	5 156,926	42 977,582	8,334	7,870
73	75	58 716	4 765,499	37 820,656	7,936	7,472
74	76	55 931	4 385,986	33 055,157	7,537	7,073
75	77	53 024	4 017,391	28 669,171	7,136	6,672
76	78	50 022	3 661,772	24 651,780	6,732	6,268
77	79	46 840	3 312,928	20 990,008	6,336	5,872
78	80	43 522	2 974,172	17 677,080	5,944	5,480
79	81	40 029	2 642,924	14 702,908	5,563	5,099
80	82	36 387	2 321,208	12 059,984	5,196	4,732
81	83	32 638	2 011,678	9 738,777	4,841	4,377
82	84	28 801	1 715,109	7 727,099	4,505	4,041
83	85	24 968	1 436,576	6 011,989	4,185	3,721
84	86	21 188	1 177,871	4 575,414	3,884	3,420
85	87	17 561	943,260	3 397,543	3,602	3,138
86	88	14 152	734,409	2 454,283	3,342	2,878
87	89	11 060	554,555	1 719,874	3,101	2,637
88	90	8 356	404,792	1 165,319	2,879	2,415
89	91	6 064	283,843	760,527	2,679	2,215
90	92	4 214	190,581	476,684	2,501	2,037
91	93	2 802	122,447	286,103	2,337	1,873
92	94	1 775	74,953	163,656	2,183	1,719
93	95	1 059	43,185	88,703	2,054	1,590
94	96	599	23,589	45,518	1,930	1,466
95	97	312	11,885	21,929	1,845	1,381
96	98	155	5,714	10,045	1,758	1,294
97	99	72	2,570	4,331	1,685	1,221
98	100	32	1,092	1,761	1,613	1,149

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 662	99 662,364	2 668 492,199	26,775	26,311
1	4	99 297	95 939,226	2 568 829,835	26,776	26,312
2	5	99 260	92 660,415	2 472 890,609	26,688	26,224
3	6	99 236	89 505,021	2 380 230,193	26,593	26,129
4	7	99 216	86 461,211	2 290 725,172	26,494	26,030
5	8	99 201	83 524,622	2 204 263,961	26,391	25,927
6	9	99 184	80 686,388	2 120 739,338	26,284	25,820
7	10	99 169	77 946,008	2 040 052,950	26,173	25,709
8	11	99 155	75 299,261	1 962 106,942	26,057	25,593
9	12	99 139	72 741,062	1 886 807,682	25,939	25,475
10	13	99 123	70 270,077	1 814 066,620	25,816	25,352
11	14	99 106	67 882,019	1 743 796,542	25,689	25,225
12	15	99 089	65 575,369	1 675 914,523	25,557	25,093
13	16	99 070	63 345,775	1 610 339,155	25,421	24,957
14	17	99 046	61 188,767	1 546 993,380	25,282	24,818
15	18	99 019	59 103,513	1 485 804,613	25,139	24,675
16	19	98 984	57 084,465	1 426 701,100	24,993	24,529
17	20	98 942	55 130,786	1 369 616,635	24,843	24,379
18	21	98 896	53 241,979	1 314 485,849	24,689	24,225
19	22	98 842	51 413,335	1 261 243,870	24,531	24,067
20	23	98 787	49 646,882	1 209 830,535	24,369	23,905
21	24	98 726	47 938,659	1 160 183,653	24,201	23,737
22	25	98 669	46 290,443	1 112 244,994	24,028	23,564
23	26	98 605	44 696,272	1 065 954,551	23,849	23,385
24	27	98 546	43 158,994	1 021 258,279	23,663	23,199
25	28	98 478	41 670,741	978 099,285	23,472	23,008
26	29	98 412	40 234,471	936 428,544	23,274	22,810
27	30	98 341	38 845,992	896 194,073	23,070	22,606
28	31	98 265	37 503,129	857 348,081	22,861	22,397
29	32	98 186	36 205,966	819 844,952	22,644	22,180
30	33	98 101	34 951,382	783 638,985	22,421	21,957
31	34	98 011	33 738,332	748 687,603	22,191	21,727
32	35	97 911	32 564,120	714 949,271	21,955	21,491
33	36	97 808	31 430,012	682 385,150	21,711	21,247
34	37	97 692	30 331,029	650 955,138	21,462	20,998
35	38	97 570	29 268,891	620 624,109	21,204	20,740
36	39	97 433	28 239,389	591 355,218	20,941	20,477
37	40	97 291	27 244,596	563 115,829	20,669	20,205
38	41	97 129	26 279,457	535 871,233	20,391	19,927
39	42	96 954	25 344,895	509 591,776	20,106	19,642
40	43	96 769	24 441,126	484 246,881	19,813	19,349
41	44	96 561	23 563,969	459 805,755	19,513	19,049
42	45	96 339	22 714,685	436 241,786	19,205	18,741
43	46	96 089	21 889,685	413 527,101	18,891	18,427
44	47	95 824	21 091,179	391 637,416	18,569	18,105
45	48	95 521	20 313,438	370 546,236	18,241	17,777
46	49	95 182	19 556,843	350 232,799	17,908	17,444
47	50	94 809	18 821,366	330 675,956	17,569	17,105
48	51	94 409	18 108,214	311 854,590	17,222	16,758
49	52	93 956	17 412,009	293 746,377	16,870	16,406
50	53	93 459	16 734,080	276 334,367	16,513	16,049
51	54	92 909	16 073,070	259 600,287	16,151	15,687
52	55	92 297	15 427,352	243 527,217	15,785	15,321
53	56	91 617	14 795,759	228 099,865	15,417	14,953
54	57	90 860	14 177,374	213 304,106	15,045	14,581
55	58	90 023	13 571,657	199 126,732	14,672	14,208
56	59	89 101	12 978,487	185 555,074	14,297	13,833
57	60	88 098	12 398,371	172 576,587	13,919	13,455
58	61	86 990	11 828,530	160 178,216	13,542	13,078
59	62	85 790	11 270,864	148 349,686	13,162	12,698
60	63	84 502	10 726,195	137 078,822	12,780	12,316
61	64	83 106	10 192,333	126 352,627	12,397	11,933
62	65	81 593	9 668,307	116 160,294	12,015	11,551
63	66	79 976	9 156,247	106 491,986	11,631	11,167
64	67	78 246	8 655,293	97 335,740	11,246	10,782
65	68	76 400	8 165,249	88 680,446	10,861	10,397
66	69	74 434	7 686,178	80 515,197	10,475	10,011
67	70	72 353	7 218,556	72 829,019	10,089	9,625
68	71	70 155	6 762,649	65 610,462	9,702	9,238
69	72	67 867	6 320,828	58 847,814	9,310	8,846
70	73	65 451	5 889,666	52 526,986	8,919	8,454
71	74	62 941	5 472,252	46 637,320	8,523	8,058
72	75	60 294	5 064,910	41 165,068	8,128	7,663
73	76	57 586	4 673,852	36 100,158	7,724	7,260
74	77	54 725	4 291,399	31 426,307	7,323	6,859
75	78	51 762	3 921,791	27 134,908	6,919	6,455
76	79	48 649	3 561,263	23 213,117	6,518	6,054
77	80	45 369	3 208,855	19 651,854	6,124	5,660
78	81	41 936	2 865,729	16 442,999	5,738	5,274
79	82	38 321	2 530,140	13 577,270	5,366	4,902
80	83	34 590	2 206,589	11 047,130	5,006	4,542
81	84	30 787	1 897,593	8 840,541	4,659	4,195
82	85	26 924	1 603,348	6 942,948	4,330	3,866
83	86	23 067	1 327,217	5 339,601	4,023	3,559
84	87	19 341	1 075,184	4 012,384	3,732	3,268
85	88	15 806	848,985	2 937,200	3,460	2,996
86	89	12 536	650,538	2 088,215	3,210	2,746
87	90	9 628	482,730	1 437,677	2,978	2,514
88	91	7 123	345,095	954,947	2,767	2,303
89	92	5 048	236,261	609,852	2,581	2,117
90	93	3 424	154,847	373,591	2,413	1,949
91	94	2 217	96,859	218,744	2,258	1,794
92	95	1 367	57,701	121,885	2,112	1,648
93	96	791	32,269	64,184	1,989	1,525
94	97	428	16,850	31,915	1,894	1,430
95	98	219	8,331	15,064	1,808	1,344
96	99	107	3,925	6,734	1,716	1,252
97	100	48	1,704	2,809	1,649	1,185

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 652	99 652,086	2 664 243,561	26,735	26,271
1	5	99 288	95 930,046	2 564 591,475	26,734	26,270
2	6	99 251	92 652,161	2 468 661,429	26,644	26,180
3	7	99 227	89 497,104	2 376 009,268	26,548	26,084
4	8	99 212	86 457,195	2 286 512,164	26,447	25,983
5	9	99 194	83 518,802	2 200 054,969	26,342	25,878
6	10	99 178	80 681,453	2 116 536,167	26,233	25,769
7	11	99 163	77 941,448	2 035 854,715	26,120	25,656
8	12	99 147	75 293,438	1 957 913,266	26,004	25,540
9	13	99 131	72 735,350	1 882 619,828	25,883	25,419
10	14	99 114	70 263,457	1 809 884,479	25,759	25,295
11	15	99 097	67 875,760	1 739 621,022	25,629	25,165
12	16	99 077	65 567,390	1 671 745,262	25,497	25,033
13	17	99 055	63 336,447	1 606 177,871	25,359	24,895
14	18	99 032	61 180,436	1 542 841,424	25,218	24,754
15	19	98 999	59 091,868	1 481 660,989	25,074	24,610
16	20	98 966	57 074,487	1 422 569,120	24,925	24,461
17	21	98 924	55 120,593	1 365 494,633	24,773	24,309
18	22	98 880	53 233,200	1 310 374,040	24,616	24,152
19	23	98 826	51 404,965	1 257 140,840	24,456	23,992
20	24	98 769	49 637,947	1 205 735,875	24,291	23,827
21	25	98 709	47 930,033	1 156 097,928	24,121	23,657
22	26	98 650	46 281,638	1 108 167,895	23,944	23,480
23	27	98 587	44 687,860	1 061 886,258	23,762	23,298
24	28	98 525	43 149,707	1 017 198,397	23,574	23,110
25	29	98 455	41 660,921	974 048,691	23,380	22,916
26	30	98 386	40 224,059	932 387,769	23,180	22,716
27	31	98 310	38 833,673	892 163,710	22,974	22,510
28	32	98 234	37 491,353	853 330,036	22,761	22,297
29	33	98 153	36 193,561	815 838,683	22,541	22,077
30	34	98 066	34 938,788	779 645,122	22,315	21,851
31	35	97 971	33 724,635	744 706,334	22,082	21,618
32	36	97 870	32 550,700	710 981,699	21,842	21,378
33	37	97 764	31 415,601	678 430,999	21,595	21,131
34	38	97 646	30 316,632	647 015,398	21,342	20,878
35	39	97 512	29 251,235	616 698,766	21,083	20,619
36	40	97 375	28 222,413	587 447,531	20,815	20,351
37	41	97 224	27 225,915	559 225,118	20,540	20,076
38	42	97 057	26 260,003	531 999,203	20,259	19,795
39	43	96 877	25 324,777	505 739,200	19,970	19,506
40	44	96 681	24 418,932	480 414,423	19,674	19,210
41	45	96 468	23 541,098	455 995,491	19,370	18,906
42	46	96 228	22 688,513	432 454,393	19,060	18,596
43	47	95 972	21 863,034	409 765,880	18,742	18,278
44	48	95 693	21 062,278	387 902,846	18,417	17,953
45	49	95 369	20 281,057	366 840,568	18,088	17,624
46	50	95 016	19 522,656	346 559,511	17,752	17,288
47	51	94 633	18 786,486	327 036,855	17,408	16,944
48	52	94 206	18 069,413	308 250,369	17,059	16,595
49	53	93 737	17 371,388	290 180,956	16,705	16,241
50	54	93 219	16 691,112	272 809,568	16,345	15,881
51	55	92 640	16 026,640	256 118,456	15,981	15,517
52	56	91 998	15 377,284	240 091,816	15,613	15,149
53	57	91 289	14 742,835	224 714,532	15,242	14,778
54	58	90 504	14 121,740	209 971,697	14,869	14,405
55	59	89 631	13 512,629	195 849,957	14,494	14,030
56	60	88 682	12 917,406	182 337,328	14,116	13,652
57	61	87 633	12 332,958	169 419,922	13,737	13,273
58	62	86 496	11 761,274	157 086,965	13,356	12,892
59	63	85 264	11 201,723	145 325,690	12,974	12,509
60	64	83 932	10 653,805	134 123,967	12,589	12,125
61	65	82 485	10 116,169	123 470,162	12,205	11,741
62	66	80 943	9 591,247	113 353,992	11,818	11,354
63	67	79 275	9 076,019	103 762,746	11,433	10,969
64	68	77 504	8 573,222	94 686,727	11,044	10,580
65	69	75 600	8 079,794	86 113,505	10,658	10,194
66	70	73 574	7 597,368	78 033,711	10,271	9,807
67	71	71 441	7 127,611	70 436,343	9,882	9,418
68	72	69 194	6 669,988	63 308,732	9,492	9,028
69	73	66 862	6 227,194	56 638,744	9,095	8,631
70	74	64 376	5 792,980	50 411,550	8,702	8,238
71	75	61 818	5 374,609	44 618,570	8,302	7,838
72	76	59 135	4 967,505	39 243,960	7,900	7,436
73	77	56 345	4 573,056	34 276,455	7,495	7,031
74	78	53 423	4 189,278	29 703,400	7,090	6,626
75	79	50 341	3 814,146	25 514,121	6,689	6,225
76	80	47 120	3 449,388	21 699,976	6,291	5,827
77	81	43 715	3 091,855	18 250,588	5,903	5,439
78	82	40 146	2 743,437	15 158,733	5,525	5,061
79	83	36 428	2 405,204	12 415,295	5,162	4,698
80	84	32 628	2 081,450	10 010,091	4,809	4,345
81	85	28 781	1 773,940	7 928,641	4,470	4,005
82	86	24 874	1 481,293	6 154,701	4,155	3,691
83	87	21 056	1 211,510	4 673,408	3,858	3,393
84	88	17 408	967,724	3 461,898	3,577	3,113
85	89	14 001	752,029	2 494,174	3,317	2,853
86	90	10 912	566,282	1 742,144	3,076	2,612
87	91	8 208	411,539	1 175,863	2,857	2,393
88	92	5 929	287,245	764,324	2,661	2,197
89	93	4 101	191,962	477,079	2,485	2,021
90	94	2 708	122,488	285,117	2,328	1,864
91	95	1 707	74,565	162,629	2,181	1,717
92	96	1 021	43,116	88,064	2,043	1,578
93	97	565	23,051	44,948	1,950	1,486
94	98	300	11,812	21,897	1,854	1,390
95	99	150	5,722	10,085	1,762	1,298
96	100	71	2,602	4,363	1,677	1,213

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 643	99 642,551	2 659 691,767	26,692	26,228
1	6	99 279	95 921,501	2 560 049,216	26,689	26,225
2	7	99 243	92 643,965	2 464 127,715	26,598	26,134
3	8	99 222	89 492,946	2 371 483,750	26,499	26,035
4	9	99 205	86 451,170	2 281 990,805	26,396	25,932
5	10	99 188	83 513,693	2 195 539,634	26,290	25,826
6	11	99 172	80 676,733	2 112 025,942	26,179	25,715
7	12	99 156	77 935,421	2 031 349,208	26,065	25,600
8	13	99 139	75 287,526	1 953 413,787	25,946	25,482
9	14	99 121	72 728,497	1 878 126,261	25,824	25,360
10	15	99 104	70 256,978	1 805 397,764	25,697	25,233
11	16	99 084	67 867,502	1 735 140,786	25,567	25,103
12	17	99 062	65 557,736	1 667 273,284	25,432	24,968
13	18	99 042	63 327,823	1 601 715,548	25,292	24,828
14	19	99 013	61 168,382	1 538 387,725	25,150	24,686
15	20	98 982	59 081,540	1 477 219,343	25,003	24,539
16	21	98 948	57 063,936	1 418 137,804	24,852	24,388
17	22	98 907	55 111,504	1 361 073,868	24,697	24,233
18	23	98 864	53 224,533	1 305 962,365	24,537	24,073
19	24	98 808	51 395,714	1 252 737,832	24,374	23,910
20	25	98 751	49 629,015	1 201 342,118	24,206	23,742
21	26	98 690	47 920,915	1 151 713,102	24,034	23,570
22	27	98 631	46 272,928	1 103 792,187	23,854	23,390
23	28	98 565	44 678,244	1 057 519,259	23,670	23,206
24	29	98 502	43 139,539	1 012 841,015	23,478	23,014
25	30	98 429	41 650,141	969 701,476	23,282	22,818
26	31	98 355	40 211,303	928 051,335	23,079	22,615
27	32	98 279	38 821,479	887 840,032	22,870	22,406
28	33	98 200	37 478,507	849 018,553	22,653	22,189
29	34	98 117	36 180,519	811 540,045	22,430	21,966
30	35	98 026	34 924,603	775 359,526	22,201	21,737
31	36	97 931	33 710,736	740 434,922	21,964	21,500
32	37	97 826	32 535,775	706 724,187	21,721	21,257
33	38	97 717	31 400,690	674 188,411	21,470	21,006
34	39	97 587	30 298,344	642 787,722	21,215	20,751
35	40	97 453	29 233,650	612 489,378	20,952	20,487
36	41	97 308	28 203,061	583 255,728	20,681	20,217
37	42	97 152	27 205,760	555 052,666	20,402	19,938
38	43	96 980	26 239,159	527 846,906	20,117	19,653
39	44	96 789	25 301,780	501 607,747	19,825	19,361
40	45	96 587	24 395,232	476 305,967	19,525	19,061
41	46	96 356	23 513,973	451 910,735	19,219	18,755
42	47	96 111	22 660,889	428 396,762	18,905	18,441
43	48	95 841	21 833,075	405 735,873	18,584	18,120
44	49	95 541	21 028,704	383 902,798	18,256	17,792
45	50	95 202	20 245,604	362 874,094	17,924	17,460
46	51	94 840	19 486,477	342 628,490	17,583	17,119
47	52	94 430	18 746,232	323 142,013	17,238	16,774
48	53	93 987	18 027,258	304 395,781	16,885	16,421
49	54	93 496	17 326,784	286 368,523	16,528	16,063
50	55	92 949	16 642,897	269 041,739	16,166	15,702
51	56	92 340	15 974,626	252 398,842	15,800	15,336
52	57	91 669	15 322,280	236 424,216	15,430	14,966
53	58	90 931	14 684,982	221 101,936	15,056	14,592
54	59	90 110	14 060,319	206 416,954	14,681	14,217
55	60	89 209	13 449,033	192 356,635	14,303	13,839
56	61	88 214	12 849,254	178 907,602	13,924	13,460
57	62	87 135	12 262,834	166 058,348	13,542	13,078
58	63	85 965	11 689,125	153 795,514	13,157	12,693
59	64	84 689	11 126,124	142 106,388	12,772	12,308
60	65	83 304	10 574,193	130 980,264	12,387	11,923
61	66	81 828	10 035,539	120 406,071	11,998	11,534
62	67	80 233	9 507,207	110 370,532	11,609	11,145
63	68	78 524	8 989,958	100 863,325	11,220	10,756
64	69	76 693	8 483,498	91 873,367	10,830	10,366
65	70	74 727	7 986,435	83 389,870	10,441	9,977
66	71	72 647	7 501,650	75 403,434	10,052	9,588
67	72	70 462	7 029,950	67 901,784	9,659	9,195
68	73	68 169	6 571,182	60 871,834	9,263	8,799
69	74	65 764	6 124,967	54 300,652	8,865	8,401
70	75	63 228	5 689,615	48 175,685	8,467	8,003
71	76	60 629	5 271,248	42 486,070	8,060	7,596
72	77	57 860	4 860,376	37 214,822	7,657	7,193
73	78	55 004	4 464,233	32 354,446	7,247	6,783
74	79	51 956	4 074,291	27 890,213	6,845	6,381
75	80	48 760	3 694,326	23 815,922	6,447	5,983
76	81	45 402	3 323,618	20 121,595	6,054	5,590
77	82	41 849	2 959,914	16 797,977	5,675	5,211
78	83	38 164	2 607,969	13 838,064	5,306	4,842
79	84	34 362	2 268,802	11 230,094	4,950	4,486
80	85	30 502	1 945,816	8 961,293	4,605	4,141
81	86	26 590	1 638,899	7 015,477	4,281	3,817
82	87	22 706	1 352,154	5 376,577	3,976	3,512
83	88	18 952	1 090,425	4 024,423	3,691	3,227
84	89	15 420	857,208	2 933,998	3,423	2,959
85	90	12 188	654,628	2 076,790	3,172	2,708
86	91	9 303	482,769	1 422,162	2,946	2,482
87	92	6 832	342,551	939,393	2,742	2,278
88	93	4 818	233,386	596,843	2,557	2,093
89	94	3 244	151,847	363,457	2,394	1,930
90	95	2 085	94,295	211,610	2,244	1,780
91	96	1 275	55,717	117,314	2,106	1,642
92	97	730	30,800	61,597	2,000	1,536
93	98	396	16,159	30,798	1,906	1,442
94	99	206	8,113	14,639	1,804	1,340
95	100	100	3,794	6,526	1,720	1,256

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 634	99 633,675	2 654 823,466	26,646	26,182
1	7	99 270	95 913,015	2 555 189,791	26,641	26,177
2	8	99 238	92 639,661	2 459 276,776	26,547	26,083
3	9	99 216	89 486,710	2 366 637,115	26,447	25,983
4	10	99 199	86 445,882	2 277 150,405	26,342	25,878
5	11	99 182	83 508,808	2 190 704,523	26,233	25,769
6	12	99 165	80 670,495	2 107 195,715	26,121	25,657
7	13	99 148	77 929,302	2 026 525,221	26,005	25,541
8	14	99 130	75 280,432	1 948 595,919	25,884	25,420
9	15	99 112	72 721,791	1 873 315,487	25,760	25,296
10	16	99 092	70 248,430	1 800 593,696	25,632	25,168
11	17	99 070	67 857,508	1 730 345,265	25,500	25,036
12	18	99 049	65 548,809	1 662 487,757	25,363	24,899
13	19	99 022	63 315,346	1 596 938,948	25,222	24,758
14	20	98 996	61 157,690	1 533 623,601	25,077	24,613
15	21	98 964	59 070,617	1 472 465,911	24,927	24,463
16	22	98 932	57 054,526	1 413 395,294	24,773	24,309
17	23	98 891	55 102,531	1 356 340,768	24,615	24,151
18	24	98 846	53 214,954	1 301 238,237	24,452	23,988
19	25	98 791	51 386,466	1 248 023,283	24,287	23,823
20	26	98 732	49 619,575	1 196 636,817	24,116	23,652
21	27	98 671	47 911,897	1 147 017,242	23,940	23,476
22	28	98 610	46 262,970	1 099 105,345	23,758	23,294
23	29	98 542	44 667,716	1 052 842,375	23,571	23,107
24	30	98 476	43 128,376	1 008 174,659	23,376	22,912
25	31	98 398	41 636,932	965 046,283	23,178	22,714
26	32	98 324	40 198,677	923 409,351	22,971	22,507
27	33	98 246	38 808,178	883 210,674	22,758	22,294
28	34	98 165	37 465,003	844 402,496	22,538	22,074
29	35	98 077	36 165,830	806 937,493	22,312	21,848
30	36	97 986	34 910,210	770 771,663	22,079	21,615
31	37	97 886	33 695,279	735 861,453	21,839	21,375
32	38	97 779	32 520,332	702 166,173	21,592	21,128
33	39	97 658	31 381,747	669 645,842	21,339	20,875
34	40	97 528	30 280,130	638 264,094	21,079	20,615
35	41	97 386	29 213,605	607 983,964	20,812	20,348
36	42	97 236	28 182,184	578 770,359	20,537	20,073
37	43	97 075	27 184,165	550 588,176	20,254	19,790
38	44	96 892	26 215,332	523 404,010	19,966	19,502
39	45	96 695	25 277,223	497 188,678	19,669	19,205
40	46	96 476	24 367,123	471 911,455	19,367	18,903
41	47	96 239	23 485,345	447 544,333	19,056	18,592
42	48	95 979	22 629,837	424 058,988	18,739	18,275
43	49	95 688	21 798,272	401 429,151	18,416	17,952
44	50	95 374	20 991,944	379 630,879	18,085	17,621
45	51	95 026	20 208,085	358 638,935	17,747	17,283
46	52	94 636	19 444,723	338 430,850	17,405	16,941
47	53	94 210	18 702,498	318 986,127	17,056	16,592
48	54	93 745	17 980,970	300 283,629	16,700	16,236
49	55	93 226	17 276,732	282 302,659	16,340	15,876
50	56	92 648	16 588,883	265 025,927	15,976	15,512
51	57	92 009	15 917,486	248 437,044	15,608	15,144
52	58	91 309	15 262,153	232 519,558	15,235	14,771
53	59	90 536	14 621,111	217 257,405	14,859	14,395
54	60	89 686	13 994,146	202 636,294	14,480	14,016
55	61	88 739	13 378,077	188 642,148	14,101	13,637
56	62	87 712	12 776,195	175 264,071	13,718	13,254
57	63	86 600	12 187,608	162 487,876	13,332	12,868
58	64	85 385	11 610,237	150 300,268	12,945	12,481
59	65	84 056	11 042,982	138 690,031	12,559	12,095
60	66	82 640	10 489,912	127 647,049	12,169	11,705
61	67	81 111	9 947,607	117 157,137	11,777	11,313
62	68	79 473	9 417,058	107 209,531	11,385	10,921
63	69	77 702	8 895,872	97 792,473	10,993	10,529
64	70	75 807	8 385,474	88 896,601	10,601	10,137
65	71	73 785	7 885,816	80 511,127	10,210	9,746
66	72	71 652	7 398,864	72 625,311	9,816	9,352
67	73	69 418	6 925,812	65 226,447	9,418	8,954
68	74	67 050	6 463,308	58 300,635	9,020	8,556
69	75	64 591	6 015,678	51 837,327	8,617	8,153
70	76	62 012	5 580,196	45 821,649	8,211	7,747
71	77	59 321	5 157,569	40 241,453	7,802	7,338
72	78	56 483	4 744,716	35 083,884	7,394	6,930
73	79	53 494	4 341,699	30 339,168	6,988	6,524
74	80	50 324	3 946,299	25 997,469	6,588	6,124
75	81	46 982	3 559,626	22 051,170	6,195	5,731
76	82	43 465	3 181,787	18 491,545	5,812	5,348
77	83	39 783	2 813,756	15 309,758	5,441	4,977
78	84	35 999	2 460,068	12 496,002	5,080	4,616
79	85	32 123	2 120,959	10 035,934	4,732	4,268
80	86	28 180	1 797,692	7 914,975	4,403	3,939
81	87	24 272	1 496,020	6 117,283	4,089	3,625
82	88	20 436	1 217,012	4 621,263	3,797	3,333
83	89	16 787	965,896	3 404,251	3,524	3,060
84	90	13 423	746,184	2 438,355	3,268	2,804
85	91	10 390	558,086	1 692,170	3,032	2,568
86	92	7 743	401,840	1 134,084	2,822	2,358
87	93	5 551	278,322	732,244	2,631	2,167
88	94	3 811	184,614	453,922	2,459	1,995
89	95	2 497	116,897	269,308	2,304	1,840
90	96	1 558	70,460	152,411	2,163	1,699
91	97	911	39,801	81,951	2,059	1,595
92	98	511	21,590	42,150	1,952	1,488
93	99	272	11,099	20,560	1,852	1,388
94	100	136	5,379	9,461	1,759	1,295

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 625	99 624,861	2 649 625,877	26,596	26,132
1	8	99 265	95 908,560	2 550 001,016	26,588	26,124
2	9	99 231	92 633,205	2 454 092,456	26,493	26,029
3	10	99 209	89 481,236	2 361 459,251	26,391	25,927
4	11	99 193	86 440,825	2 271 978,015	26,284	25,820
5	12	99 175	83 502,350	2 185 537,190	26,173	25,709
6	13	99 157	80 664,160	2 102 034,840	26,059	25,595
7	14	99 138	77 921,959	2 021 370,680	25,941	25,477
8	15	99 121	75 273,491	1 943 448,720	25,819	25,354
9	16	99 100	72 712,943	1 868 175,229	25,692	25,228
10	17	99 078	70 238,087	1 795 462,286	25,563	25,098
11	18	99 056	67 848,269	1 725 224,199	25,428	24,964
12	19	99 029	65 535,895	1 657 375,931	25,290	24,826
13	20	99 005	63 304,279	1 591 840,036	25,146	24,682
14	21	98 977	61 146,384	1 528 535,756	24,998	24,534
15	22	98 948	59 060,876	1 467 389,373	24,845	24,381
16	23	98 916	57 045,237	1 408 328,497	24,688	24,224
17	24	98 873	55 092,615	1 351 283,260	24,527	24,063
18	25	98 828	53 205,379	1 296 190,645	24,362	23,898
19	26	98 772	51 376,691	1 242 985,266	24,194	23,730
20	27	98 714	49 610,237	1 191 608,575	24,019	23,555
21	28	98 650	47 901,587	1 141 998,338	23,841	23,376
22	29	98 587	46 252,069	1 094 096,752	23,655	23,191
23	30	98 517	44 656,157	1 047 844,683	23,465	23,001
24	31	98 445	43 114,699	1 003 188,525	23,268	22,804
25	32	98 367	41 623,858	960 073,827	23,065	22,601
26	33	98 291	40 184,904	918 449,968	22,856	22,392
27	34	98 210	38 794,194	878 265,065	22,639	22,175
28	35	98 125	37 449,792	839 470,870	22,416	21,952
29	36	98 037	36 150,925	802 021,078	22,185	21,721
30	37	97 941	34 894,204	765 870,153	21,948	21,484
31	38	97 839	33 679,285	730 975,949	21,704	21,240
32	39	97 720	32 500,714	697 296,664	21,455	20,991
33	40	97 599	31 362,882	664 795,950	21,197	20,733
34	41	97 461	30 259,367	633 433,068	20,933	20,469
35	42	97 314	29 191,979	603 173,701	20,662	20,198
36	43	97 159	28 159,814	573 981,722	20,383	19,919
37	44	96 987	27 159,480	545 821,908	20,097	19,633
38	45	96 798	26 189,888	518 662,427	19,804	19,340
39	46	96 583	25 248,098	492 472,539	19,505	19,041
40	47	96 358	24 337,455	467 224,442	19,198	18,734
41	48	96 107	23 453,163	442 886,986	18,884	18,420
42	49	95 826	22 593,764	419 433,824	18,564	18,100
43	50	95 521	21 760,167	396 840,060	18,237	17,773
44	51	95 197	20 953,042	375 079,893	17,901	17,437
45	52	94 822	20 164,785	354 126,851	17,562	17,098
46	53	94 416	19 399,359	333 962,066	17,215	16,751
47	54	93 968	18 654,476	314 562,706	16,863	16,399
48	55	93 475	17 929,028	295 908,230	16,504	16,040
49	56	92 924	17 220,661	277 979,202	16,142	15,678
50	57	92 316	16 529,545	260 758,541	15,775	15,311
51	58	91 648	15 855,023	244 228,996	15,404	14,940
52	59	90 912	15 195,772	228 373,972	15,029	14,565
53	60	90 109	14 552,299	213 178,201	14,649	14,185
54	61	89 213	13 920,314	198 625,902	14,269	13,805
55	62	88 234	13 302,011	184 705,588	13,886	13,422
56	63	87 174	12 697,820	171 403,577	13,499	13,035
57	64	86 016	12 105,355	158 705,758	13,110	12,646
58	65	84 747	11 523,477	146 600,402	12,722	12,258
59	66	83 386	10 954,965	135 076,925	12,330	11,866
60	67	81 916	10 397,998	124 121,960	11,937	11,473
61	68	80 342	9 853,281	113 723,962	11,542	11,078
62	69	78 641	9 318,502	103 870,681	11,147	10,683
63	70	76 804	8 793,084	94 552,179	10,753	10,289
64	71	74 852	8 279,827	85 759,095	10,358	9,894
65	72	72 774	7 777,766	77 479,268	9,962	9,498
66	73	70 591	7 289,260	69 701,502	9,562	9,098
67	74	68 279	6 812,116	62 412,241	9,162	8,698
68	75	65 854	6 347,982	55 600,125	8,759	8,295
69	76	63 348	5 899,989	49 252,143	8,348	7,884
70	77	60 674	5 459,854	43 352,154	7,940	7,476
71	78	57 910	5 034,837	37 892,301	7,526	7,062
72	79	54 932	4 614,483	32 857,464	7,121	6,656
73	80	51 814	4 205,306	28 242,981	6,716	6,252
74	81	48 489	3 802,411	24 037,674	6,322	5,858
75	82	44 977	3 407,723	20 235,263	5,938	5,474
76	83	41 319	3 024,673	16 827,540	5,563	5,099
77	84	37 526	2 654,184	13 802,867	5,200	4,736
78	85	33 653	2 299,762	11 148,683	4,848	4,384
79	86	29 678	1 959,502	8 848,921	4,516	4,052
80	87	25 723	1 640,969	6 889,419	4,198	3,734
81	88	21 846	1 346,500	5 248,450	3,898	3,434
82	89	18 102	1 078,027	3 901,951	3,620	3,156
83	90	14 613	840,795	2 823,924	3,359	2,895
84	91	11 443	636,140	1 983,128	3,117	2,653
85	92	8 649	464,532	1 346,988	2,900	2,436
86	93	6 291	326,494	882,457	2,703	2,239
87	94	4 391	220,160	555,962	2,525	2,061
88	95	2 934	142,123	335,802	2,363	1,899
89	96	1 866	87,348	193,680	2,217	1,753
90	97	1 113	50,333	106,332	2,113	1,649
91	98	639	27,900	55,999	2,007	1,543
92	99	351	14,830	28,099	1,895	1,431
93	100	180	7,359	13,270	1,803	1,339

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 620	99 620,233	2 644 087,307	26,542	26,078
1	9	99 258	95 901,876	2 544 467,074	26,532	26,068
2	10	99 225	92 627,539	2 448 565,198	26,435	25,971
3	11	99 204	89 476,001	2 355 937,659	26,330	25,866
4	12	99 185	86 434,141	2 266 461,658	26,222	25,758
5	13	99 167	83 495,793	2 180 027,517	26,109	25,645
6	14	99 148	80 656,560	2 096 531,723	25,993	25,529
7	15	99 129	77 914,775	2 015 875,163	25,873	25,409
8	16	99 109	75 264,333	1 937 960,388	25,749	25,285
9	17	99 086	72 702,237	1 862 696,056	25,621	25,157
10	18	99 064	70 228,523	1 789 993,819	25,488	25,024
11	19	99 037	67 834,901	1 719 765,296	25,352	24,888
12	20	99 012	65 524,440	1 651 930,395	25,211	24,747
13	21	98 987	63 292,576	1 586 405,955	25,065	24,601
14	22	98 961	61 136,301	1 523 113,379	24,913	24,449
15	23	98 931	59 051,260	1 461 977,078	24,758	24,294
16	24	98 898	57 034,971	1 402 925,818	24,598	24,134
17	25	98 856	55 082,701	1 345 890,847	24,434	23,970
18	26	98 810	53 195,258	1 290 808,146	24,265	23,801
19	27	98 753	51 367,022	1 237 612,888	24,094	23,630
20	28	98 693	49 599,561	1 186 245,866	23,916	23,452
21	29	98 627	47 890,299	1 136 646,304	23,734	23,270
22	30	98 561	46 240,100	1 088 756,005	23,546	23,082
23	31	98 485	44 641,996	1 042 515,905	23,353	22,889
24	32	98 414	43 101,161	997 873,909	23,152	22,688
25	33	98 334	41 609,597	954 772,749	22,946	22,482
26	34	98 255	40 170,424	913 163,152	22,732	22,268
27	35	98 170	38 778,444	872 992,728	22,512	22,048
28	36	98 084	37 434,358	834 214,284	22,285	21,821
29	37	97 992	36 134,350	796 779,926	22,050	21,586
30	38	97 894	34 877,641	760 645,576	21,809	21,345
31	39	97 780	33 658,968	725 767,935	21,562	21,098
32	40	97 661	32 481,176	692 108,967	21,308	20,844
33	41	97 533	31 341,377	659 627,791	21,047	20,583
34	42	97 389	30 236,967	628 286,414	20,779	20,315
35	43	97 237	29 168,808	598 049,447	20,503	20,039
36	44	97 071	28 134,243	568 880,639	20,220	19,756
37	45	96 893	27 133,120	540 746,396	19,929	19,465
38	46	96 687	26 159,711	513 613,276	19,634	19,170
39	47	96 466	25 217,358	487 453,565	19,330	18,866
40	48	96 226	24 304,106	462 236,207	19,019	18,555
41	49	95 954	23 415,777	437 932,102	18,702	18,238
42	50	95 658	22 554,268	414 516,324	18,379	17,915
43	51	95 344	21 719,841	391 962,056	18,046	17,582
44	52	94 993	20 908,146	370 242,215	17,708	17,244
45	53	94 601	20 117,742	349 334,069	17,364	16,900
46	54	94 173	19 349,548	329 216,328	17,014	16,550
47	55	93 696	18 600,589	309 866,779	16,659	16,195
48	56	93 171	17 870,840	291 266,191	16,298	15,834
49	57	92 591	17 159,063	273 395,350	15,933	15,469
50	58	91 954	16 464,681	256 236,287	15,563	15,099
51	59	91 250	15 786,063	239 771,605	15,189	14,725
52	60	90 484	15 124,255	223 985,542	14,810	14,346
53	61	89 634	14 475,522	208 861,287	14,429	13,965
54	62	88 706	13 841,164	194 385,765	14,044	13,580
55	63	87 693	13 220,410	180 544,601	13,657	13,192
56	64	86 586	12 612,124	167 324,191	13,267	12,803
57	65	85 373	12 014,896	154 712,067	12,877	12,413
58	66	84 071	11 431,630	142 697,171	12,483	12,019
59	67	82 655	10 858,976	131 265,541	12,088	11,624
60	68	81 140	10 299,402	120 406,565	11,691	11,227
61	69	79 501	9 750,160	110 107,163	11,293	10,829
62	70	77 732	9 210,830	100 357,003	10,896	10,432
63	71	75 836	8 682,301	91 146,173	10,498	10,034
64	72	73 826	8 166,379	82 463,871	10,098	9,634
65	73	71 696	7 662,550	74 297,492	9,696	9,232
66	74	69 432	7 169,599	66 634,943	9,294	8,830
67	75	67 060	6 690,567	59 465,344	8,888	8,424
68	76	64 587	6 225,902	52 774,777	8,477	8,013
69	77	61 982	5 772,750	46 548,876	8,064	7,600
70	78	59 231	5 329,928	40 776,126	7,650	7,186
71	79	56 320	4 896,640	35 446,198	7,239	6,775
72	80	53 207	4 469,522	30 549,557	6,835	6,371
73	81	49 924	4 051,975	26 080,035	6,436	5,972
74	82	46 420	3 640,148	22 028,061	6,051	5,587
75	83	42 756	3 239,453	18 387,913	5,676	5,212
76	84	38 975	2 853,140	15 148,460	5,309	4,845
77	85	35 081	2 481,229	12 295,320	4,955	4,491
78	86	31 092	2 124,693	9 814,091	4,619	4,155
79	87	27 091	1 788,673	7 689,398	4,299	3,835
80	88	23 152	1 476,961	5 900,726	3,995	3,531
81	89	19 351	1 192,727	4 423,764	3,709	3,245
82	90	15 758	938,403	3 231,038	3,443	2,979
83	91	12 458	716,798	2 292,634	3,198	2,734
84	92	9 525	529,501	1 575,836	2,976	2,512
85	93	7 027	377,431	1 046,335	2,772	2,308
86	94	4 977	258,265	668,904	2,590	2,126
87	95	3 380	169,487	410,639	2,423	1,959
88	96	2 192	106,197	241,152	2,271	1,807
89	97	1 333	62,397	134,955	2,163	1,699
90	98	780	35,282	72,558	2,056	1,592
91	99	439	19,164	37,276	1,945	1,481
92	100	233	9,833	18,112	1,842	1,378

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 613	99 613,291	2 638 192,205	26,484	26,020
1	10	99 252	95 896,010	2 538 578,914	26,472	26,008
2	11	99 219	92 622,121	2 442 682,904	26,373	25,909
3	12	99 196	89 469,083	2 350 060,784	26,267	25,803
4	13	99 177	86 427,354	2 260 591,701	26,156	25,692
5	14	99 157	83 487,927	2 174 164,347	26,042	25,578
6	15	99 138	80 649,123	2 090 676,420	25,923	25,459
7	16	99 117	77 905,295	2 010 027,297	25,801	25,337
8	17	99 094	75 253,250	1 932 122,002	25,675	25,211
9	18	99 072	72 692,337	1 856 868,752	25,544	25,080
10	19	99 045	70 214,686	1 784 176,415	25,410	24,946
11	20	99 020	67 823,045	1 713 961,728	25,271	24,807
12	21	98 994	65 512,326	1 646 138,683	25,127	24,663
13	22	98 970	63 282,139	1 580 626,358	24,977	24,513
14	23	98 945	61 126,347	1 517 344,219	24,823	24,359
15	24	98 914	59 040,633	1 456 217,871	24,665	24,201
16	25	98 880	57 024,708	1 397 177,238	24,501	24,037
17	26	98 837	55 072,223	1 340 152,530	24,334	23,870
18	27	98 791	53 185,247	1 285 080,307	24,162	23,698
19	28	98 732	51 355,969	1 231 895,060	23,987	23,523
20	29	98 669	49 587,874	1 180 539,091	23,807	23,343
21	30	98 601	47 877,907	1 130 951,217	23,622	23,158
22	31	98 530	46 225,436	1 083 073,311	23,430	22,966
23	32	98 454	44 627,978	1 036 847,874	23,233	22,769
24	33	98 380	43 086,393	992 219,896	23,029	22,565
25	34	98 298	41 594,604	949 133,504	22,819	22,355
26	35	98 215	40 154,115	907 538,900	22,601	22,137
27	36	98 130	38 762,462	867 384,785	22,377	21,913
28	37	98 039	37 417,194	828 622,323	22,145	21,681
29	38	97 945	36 117,199	791 205,129	21,907	21,443
30	39	97 835	34 856,601	755 087,930	21,663	21,199
31	40	97 722	33 638,735	720 231,330	21,411	20,947
32	41	97 594	32 458,904	686 592,595	21,153	20,689
33	42	97 460	31 318,176	654 133,691	20,887	20,423
34	43	97 312	30 212,966	622 815,515	20,614	20,150
35	44	97 149	29 142,321	592 602,549	20,335	19,871
36	45	96 976	28 106,936	563 460,228	20,047	19,583
37	46	96 781	27 101,856	535 353,292	19,753	19,289
38	47	96 569	26 127,861	508 251,436	19,452	18,988
39	48	96 334	25 182,802	482 123,574	19,145	18,681
40	49	96 073	24 265,364	456 940,772	18,831	18,367
41	50	95 786	23 374,845	432 675,408	18,510	18,046
42	51	95 481	22 512,471	409 300,563	18,181	17,717
43	52	95 139	21 673,302	386 788,093	17,846	17,382
44	53	94 771	20 859,368	365 114,791	17,504	17,040
45	54	94 358	20 066,086	344 255,423	17,156	16,692
46	55	93 901	19 293,653	324 189,337	16,803	16,339
47	56	93 392	18 540,221	304 895,684	16,445	15,981
48	57	92 838	17 806,917	286 355,462	16,081	15,617
49	58	92 228	17 091,729	268 548,545	15,712	15,248
50	59	91 554	16 393,070	251 456,816	15,339	14,875
51	60	90 820	15 711,769	235 063,747	14,961	14,497
52	61	90 007	15 044,460	219 351,978	14,580	14,116
53	62	89 124	14 393,216	204 307,518	14,195	13,731
54	63	88 162	13 756,256	189 914,302	13,806	13,342
55	64	87 101	13 131,187	176 158,046	13,415	12,951
56	65	85 939	12 517,877	163 026,859	13,024	12,559
57	66	84 692	11 919,132	150 508,982	12,628	12,163
58	67	83 335	11 331,465	138 589,850	12,231	11,767
59	68	81 871	10 756,009	127 258,385	11,831	11,367
60	69	80 290	10 191,612	116 502,376	11,431	10,967
61	70	78 582	9 637,501	106 310,764	11,031	10,567
62	71	76 753	9 094,785	96 673,263	10,630	10,166
63	72	74 797	8 563,338	87 578,478	10,227	9,763
64	73	72 733	8 045,406	79 015,140	9,821	9,357
65	74	70 519	7 536,760	70 969,734	9,416	8,952
66	75	68 193	7 041,670	63 432,974	9,008	8,544
67	76	65 771	6 561,898	56 391,304	8,594	8,130
68	77	63 194	6 091,634	49 829,406	8,180	7,716
69	78	60 507	5 635,379	43 737,772	7,761	7,297
70	79	57 605	5 183,632	38 102,393	7,351	6,886
71	80	54 551	4 742,815	32 918,761	6,941	6,477
72	81	51 267	4 306,556	28 175,946	6,543	6,079
73	82	47 794	3 879,061	23 869,389	6,153	5,689
74	83	44 128	3 460,401	19 990,328	5,777	5,313
75	84	40 331	3 055,739	16 529,927	5,409	4,945
76	85	36 436	2 667,220	13 474,188	5,052	4,588
77	86	32 411	2 292,346	10 806,968	4,714	4,250
78	87	28 381	1 939,463	8 514,622	4,390	3,926
79	88	24 383	1 609,903	6 575,159	4,084	3,620
80	89	20 508	1 308,289	4 965,257	3,795	3,331
81	90	16 845	1 038,247	3 656,967	3,522	3,058
82	91	13 434	800,011	2 618,720	3,273	2,809
83	92	10 370	596,638	1 818,709	3,048	2,584
84	93	7 739	430,219	1 222,071	2,841	2,377
85	94	5 559	298,558	791,852	2,652	2,188
86	95	3 831	198,822	493,294	2,481	2,017
87	96	2 526	126,644	294,473	2,325	1,861
88	97	1 566	75,862	167,828	2,212	1,748
89	98	934	43,739	91,967	2,103	1,639
90	99	536	24,235	48,228	1,990	1,526
91	100	291	12,706	23,993	1,888	1,424

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 607	99 607,197	2 631 931,954	26,423	25,959
1	11	99 247	95 890,400	2 532 324,757	26,409	25,945
2	12	99 211	92 614,959	2 436 434,356	26,307	25,843
3	13	99 188	89 462,057	2 343 819,398	26,199	25,735
4	14	99 168	86 419,211	2 254 357,341	26,086	25,622
5	15	99 148	83 480,229	2 167 938,130	25,969	25,505
6	16	99 126	80 639,311	2 084 457,901	25,849	25,385
7	17	99 103	77 893,824	2 003 818,590	25,725	25,261
8	18	99 081	75 243,004	1 925 924,766	25,596	25,132
9	19	99 053	72 678,016	1 850 681,763	25,464	25,000
10	20	99 027	70 202,414	1 778 003,747	25,327	24,863
11	21	99 001	67 810,506	1 707 801,333	25,185	24,721
12	22	98 977	65 501,523	1 639 990,828	25,037	24,573
13	23	98 954	63 271,836	1 574 489,305	24,885	24,420
14	24	98 927	61 115,347	1 511 217,469	24,727	24,263
15	25	98 896	59 030,010	1 450 102,122	24,566	24,101
16	26	98 861	57 013,861	1 391 072,112	24,399	23,935
17	27	98 818	55 061,859	1 334 058,252	24,228	23,764
18	28	98 770	53 173,802	1 278 996,393	24,053	23,589
19	29	98 709	51 343,867	1 225 822,590	23,875	23,411
20	30	98 644	49 575,042	1 174 478,723	23,691	23,227
21	31	98 570	47 862,723	1 124 903,682	23,503	23,039
22	32	98 499	46 210,922	1 077 040,959	23,307	22,843
23	33	98 421	44 612,687	1 030 830,037	23,106	22,642
24	34	98 345	43 070,867	986 217,350	22,898	22,434
25	35	98 258	41 577,716	943 146,482	22,684	22,220
26	36	98 175	40 137,566	901 568,766	22,462	21,998
27	37	98 085	38 744,690	861 431,200	22,234	21,770
28	38	97 993	37 399,434	822 686,510	21,997	21,533
29	39	97 886	36 095,411	785 287,077	21,756	21,292
30	40	97 776	34 835,647	749 191,666	21,506	21,042
31	41	97 655	33 615,669	714 356,019	21,251	20,787
32	42	97 522	32 434,876	680 740,351	20,988	20,524
33	43	97 383	31 293,317	648 305,475	20,717	20,253
34	44	97 223	30 185,531	617 012,158	20,441	19,977
35	45	97 054	29 114,036	586 826,627	20,156	19,692
36	46	96 865	28 074,550	557 712,591	19,865	19,401
37	47	96 664	27 068,859	529 638,041	19,566	19,102
38	48	96 437	26 092,058	502 569,181	19,261	18,797
39	49	96 180	25 142,660	476 477,123	18,951	18,487
40	50	95 905	24 222,946	451 334,463	18,633	18,168
41	51	95 609	23 331,527	427 111,517	18,306	17,842
42	52	95 277	22 464,233	403 779,991	17,974	17,510
43	53	94 917	21 622,739	381 315,757	17,635	17,171
44	54	94 528	20 805,808	359 693,018	17,288	16,824
45	55	94 085	20 008,121	338 887,211	16,937	16,473
46	56	93 596	19 231,037	318 879,090	16,581	16,117
47	57	93 058	18 473,904	299 648,053	16,220	15,756
48	58	92 474	17 737,040	281 174,149	15,852	15,388
49	59	91 827	17 017,390	263 437,109	15,480	15,016
50	60	91 123	16 315,918	246 419,719	15,103	14,639
51	61	90 341	15 628,874	230 103,800	14,723	14,259
52	62	89 495	14 958,919	214 474,927	14,338	13,874
53	63	88 578	14 304,921	199 516,008	13,947	13,483
54	64	87 567	13 663,417	185 211,086	13,555	13,091
55	65	86 450	13 033,062	171 547,670	13,162	12,698
56	66	85 254	12 418,104	158 514,608	12,765	12,301
57	67	83 950	11 814,695	146 096,503	12,366	11,902
58	68	82 545	11 224,017	134 281,808	11,964	11,500
59	69	81 014	10 643,440	123 057,790	11,562	11,098
60	70	79 363	10 073,852	112 414,350	11,159	10,695
61	71	77 592	9 516,080	102 340,499	10,754	10,290
62	72	75 701	8 970,170	92 824,419	10,348	9,884
63	73	73 689	8 436,485	83 854,248	9,939	9,475
64	74	71 539	7 913,331	75 417,764	9,530	9,066
65	75	69 261	7 402,280	67 504,433	9,119	8,655
66	76	66 881	6 906,249	60 102,153	8,703	8,239
67	77	64 352	6 420,384	53 195,903	8,285	7,821
68	78	61 690	5 946,675	46 775,519	7,866	7,402
69	79	58 846	5 480,699	40 828,844	7,450	6,986
70	80	55 795	5 020,791	35 348,145	7,040	6,576
71	81	52 562	4 569,885	30 327,354	6,636	6,172
72	82	49 079	4 122,779	25 757,469	6,248	5,784
73	83	45 434	3 687,517	21 634,690	5,867	5,403
74	84	41 625	3 264,157	17 947,173	5,498	5,034
75	85	37 703	2 856,617	14 683,016	5,140	4,676
76	86	33 662	2 464,179	11 826,399	4,799	4,335
77	87	29 585	2 092,500	9 362,220	4,474	4,010
78	88	25 545	1 745,622	7 269,721	4,165	3,701
79	89	21 598	1 426,049	5 524,099	3,874	3,410
80	90	17 852	1 138,842	4 098,050	3,598	3,134
81	91	14 361	885,130	2 959,208	3,343	2,879
82	92	11 182	665,902	2 074,077	3,115	2,651
83	93	8 425	484,767	1 408,175	2,905	2,441
84	94	6 122	340,314	923,408	2,713	2,249
85	95	4 279	229,840	583,094	2,537	2,073
86	96	2 863	148,564	353,254	2,378	1,914
87	97	1 804	90,468	204,690	2,263	1,799
88	98	1 098	53,178	114,222	2,148	1,684
89	99	642	30,044	61,044	2,032	1,568
90	100	355	16,068	31,000	1,929	1,465

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	11	99 601	99 601,371	2 625 295,002	26,358	25,894
1	12	99 239	95 882,985	2 525 693,631	26,341	25,877
2	13	99 204	92 607,686	2 429 810,646	26,238	25,774
3	14	99 179	89 453,628	2 337 202,960	26,128	25,664
4	15	99 159	86 411,243	2 247 749,331	26,012	25,548
5	16	99 136	83 470,072	2 161 338,089	25,894	25,430
6	17	99 112	80 627,437	2 077 868,017	25,771	25,307
7	18	99 089	77 883,217	1 997 240,579	25,644	25,180
8	19	99 061	75 228,179	1 919 357,362	25,514	25,050
9	20	99 035	72 665,312	1 844 129,183	25,378	24,914
10	21	99 009	70 189,435	1 771 463,870	25,238	24,774
11	22	98 985	67 799,324	1 701 274,436	25,093	24,629
12	23	98 961	65 490,859	1 633 475,112	24,942	24,478
13	24	98 937	63 260,450	1 567 984,253	24,786	24,322
14	25	98 909	61 104,350	1 504 723,804	24,625	24,161
15	26	98 877	59 018,781	1 443 619,454	24,460	23,996
16	27	98 843	57 003,131	1 384 600,673	24,290	23,826
17	28	98 797	55 050,011	1 327 597,542	24,116	23,652
18	29	98 746	53 161,272	1 272 547,532	23,937	23,473
19	30	98 683	51 330,581	1 219 386,259	23,756	23,292
20	31	98 613	49 559,320	1 168 055,679	23,569	23,105
21	32	98 539	47 847,694	1 118 496,359	23,376	22,912
22	33	98 465	46 195,088	1 070 648,664	23,177	22,713
23	34	98 385	44 596,612	1 024 453,576	22,972	22,508
24	35	98 305	43 053,381	979 856,964	22,759	22,295
25	36	98 218	41 560,581	936 803,583	22,541	22,077
26	37	98 130	40 119,163	895 243,002	22,315	21,851
27	38	98 038	38 726,299	855 123,839	22,081	21,617
28	39	97 934	37 376,873	816 397,541	21,842	21,378
29	40	97 828	36 073,712	779 020,668	21,595	21,131
30	41	97 709	34 811,760	742 946,956	21,342	20,878
31	42	97 582	33 590,784	708 135,196	21,081	20,617
32	43	97 445	32 409,130	674 544,411	20,813	20,349
33	44	97 295	31 264,900	642 135,281	20,539	20,075
34	45	97 129	30 156,234	610 870,381	20,257	19,793
35	46	96 942	29 080,490	580 714,147	19,969	19,505
36	47	96 747	28 040,369	551 633,658	19,673	19,209
37	48	96 531	27 031,767	523 593,288	19,370	18,906
38	49	96 283	26 050,466	496 561,521	19,062	18,597
39	50	96 012	25 098,708	470 511,055	18,746	18,282
40	51	95 727	24 178,056	445 412,347	18,422	17,958
41	52	95 404	23 281,534	421 234,290	18,093	17,629
42	53	95 054	22 411,825	397 952,756	17,756	17,292
43	54	94 674	21 567,219	375 540,931	17,413	16,949
44	55	94 255	20 745,706	353 973,712	17,063	16,598
45	56	93 780	19 943,186	333 228,006	16,709	16,245
46	57	93 262	19 162,248	313 284,821	16,349	15,885
47	58	92 693	18 401,410	294 122,573	15,984	15,520
48	59	92 071	17 659,895	275 721,163	15,613	15,149
49	60	91 395	16 937,300	258 061,268	15,236	14,772
50	61	90 642	16 229,836	241 123,968	14,857	14,393
51	62	89 827	15 540,010	224 894,132	14,472	14,008
52	63	88 946	14 867,154	209 354,122	14,082	13,618
53	64	87 980	14 208,379	194 486,968	13,688	13,224
54	65	86 912	13 561,315	180 278,589	13,294	12,830
55	66	85 761	12 929,183	166 717,274	12,895	12,431
56	67	84 507	12 309,296	153 788,091	12,494	12,030
57	68	83 154	11 702,666	141 478,796	12,089	11,625
58	69	81 681	11 106,550	129 776,130	11,685	11,221
59	70	80 078	10 520,459	118 669,580	11,280	10,816
60	71	78 363	9 946,933	108 149,120	10,873	10,409
61	72	76 529	9 385,693	98 202,187	10,463	9,999
62	73	74 580	8 837,290	88 816,494	10,050	9,586
63	74	72 479	8 297,990	79 979,204	9,638	9,174
64	75	70 262	7 772,132	71 681,214	9,223	8,759
65	76	67 929	7 259,924	63 909,082	8,803	8,339
66	77	65 439	6 757,310	56 649,158	8,383	7,919
67	78	62 821	6 267,602	49 891,849	7,960	7,496
68	79	59 997	5 783,450	43 624,247	7,543	7,079
69	80	56 998	5 308,525	37 840,796	7,128	6,664
70	81	53 761	4 837,726	32 532,271	6,725	6,261
71	82	50 319	4 374,870	27 694,545	6,330	5,866
72	83	46 655	3 919,200	23 319,675	5,950	5,486
73	84	42 857	3 478,393	19 400,475	5,577	5,113
74	85	38 913	3 051,454	15 922,082	5,218	4,754
75	86	34 833	2 639,158	12 870,628	4,877	4,413
76	87	30 727	2 249,352	10 231,470	4,549	4,085
77	88	26 628	1 883,364	7 982,118	4,238	3,774
78	89	22 627	1 546,268	6 098,754	3,944	3,480
79	90	18 801	1 241,350	4 552,486	3,667	3,203
80	91	15 219	970,890	3 311,136	3,410	2,946
81	92	11 953	736,752	2 340,245	3,176	2,712
82	93	9 085	541,044	1 603,493	2,964	2,500
83	94	6 665	383,463	1 062,449	2,771	2,307
84	95	4 713	261,986	678,986	2,592	2,128
85	96	3 197	171,742	417,000	2,428	1,964
86	97	2 045	106,126	245,259	2,311	1,847
87	98	1 265	63,416	139,132	2,194	1,730
88	99	754	36,527	75,716	2,073	1,609
89	100	426	19,920	39,189	1,967	1,503

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 594	99 593,669	2 618 270,512	26,290	25,826
1	13	99 231	95 875,456	2 518 676,843	26,270	25,806
2	14	99 194	92 598,961	2 422 801,387	26,164	25,700
3	15	99 170	89 445,380	2 330 202,426	26,052	25,588
4	16	99 147	86 400,729	2 240 757,045	25,934	25,470
5	17	99 122	83 457,781	2 154 356,316	25,814	25,350
6	18	99 098	80 616,459	2 070 898,535	25,688	25,224
7	19	99 070	77 867,873	1 990 282,076	25,560	25,096
8	20	99 044	75 215,030	1 912 414,203	25,426	24,962
9	21	99 017	72 651,878	1 837 199,173	25,288	24,824
10	22	98 993	70 177,861	1 764 547,295	25,144	24,680
11	23	98 969	67 788,285	1 694 369,434	24,995	24,531
12	24	98 943	65 479,073	1 626 581,149	24,841	24,377
13	25	98 919	63 249,067	1 561 102,076	24,682	24,218
14	26	98 890	61 092,726	1 497 853,009	24,518	24,054
15	27	98 858	59 007,674	1 436 760,283	24,349	23,885
16	28	98 821	56 990,865	1 377 752,610	24,175	23,711
17	29	98 774	55 037,038	1 320 761,745	23,998	23,534
18	30	98 721	53 147,516	1 265 724,706	23,815	23,351
19	31	98 652	51 314,302	1 212 577,191	23,630	23,166
20	32	98 582	49 543,758	1 161 262,888	23,439	22,975
21	33	98 505	47 831,300	1 111 719,130	23,243	22,778
22	34	98 430	46 178,443	1 063 887,830	23,039	22,575
23	35	98 345	44 578,506	1 017 709,387	22,830	22,366
24	36	98 264	43 035,637	973 130,881	22,612	22,148
25	37	98 173	41 541,525	930 095,244	22,390	21,926
26	38	98 083	40 100,120	888 553,718	22,158	21,694
27	39	97 979	38 702,937	848 453,599	21,922	21,458
28	40	97 875	37 354,404	809 750,661	21,678	21,213
29	41	97 760	36 048,977	772 396,258	21,426	20,962
30	42	97 637	34 785,990	736 347,281	21,168	20,704
31	43	97 505	33 564,121	701 561,291	20,902	20,438
32	44	97 356	32 379,701	667 997,170	20,630	20,166
33	45	97 200	31 234,555	635 617,469	20,350	19,886
34	46	97 017	30 121,486	604 382,913	20,065	19,601
35	47	96 824	29 045,084	574 261,427	19,771	19,307
36	48	96 614	28 001,946	545 216,343	19,471	19,007
37	49	96 377	26 988,677	517 214,398	19,164	18,700
38	50	96 115	26 004,928	490 225,721	18,851	18,387
39	51	95 834	25 052,196	464 220,793	18,530	18,066
40	52	95 522	24 126,250	439 168,597	18,203	17,739
41	53	95 181	23 227,219	415 042,347	17,869	17,405
42	54	94 810	22 354,279	391 815,128	17,528	17,063
43	55	94 400	21 504,918	369 460,849	17,180	16,716
44	56	93 949	20 678,377	347 955,931	16,827	16,363
45	57	93 445	19 871,850	327 277,555	16,469	16,005
46	58	92 896	19 087,053	307 405,705	16,105	15,641
47	59	92 290	18 321,374	288 318,652	15,737	15,273
48	60	91 638	17 576,781	269 997,278	15,361	14,897
49	61	90 913	16 847,940	252 420,497	14,982	14,518
50	62	90 127	16 137,555	235 572,557	14,598	14,134
51	63	89 276	15 444,681	219 435,002	14,208	13,744
52	64	88 346	14 766,817	203 990,321	13,814	13,350
53	65	87 322	14 102,204	189 223,504	13,418	12,954
54	66	86 219	13 453,225	175 121,300	13,017	12,553
55	67	85 010	12 815,896	161 668,075	12,615	12,151
56	68	83 706	12 192,576	148 852,179	12,208	11,744
57	69	82 284	11 580,190	136 659,603	11,801	11,337
58	70	80 737	10 978,219	125 079,413	11,393	10,929
59	71	79 070	10 387,914	114 101,194	10,984	10,520
60	72	77 289	9 810,643	103 713,280	10,572	10,107
61	73	75 396	9 246,657	93 902,637	10,155	9,691
62	74	73 355	8 692,215	84 655,980	9,739	9,275
63	75	71 186	8 149,927	75 963,765	9,321	8,857
64	76	68 911	7 622,663	67 813,837	8,896	8,432
65	77	66 464	7 103,357	60 191,174	8,474	8,010
66	78	63 882	6 596,509	53 087,817	8,048	7,584
67	79	61 097	6 095,568	46 491,308	7,627	7,163
68	80	58 112	5 601,766	40 395,739	7,211	6,747
69	81	54 920	5 114,969	34 793,973	6,802	6,338
70	82	51 467	4 631,281	29 679,004	6,408	5,944
71	83	47 834	4 158,844	25 047,723	6,023	5,559
72	84	44 010	3 696,937	20 888,879	5,650	5,186
73	85	40 065	3 251,730	17 191,942	5,287	4,823
74	86	35 951	2 819,163	13 940,213	4,945	4,481
75	87	31 796	2 409,076	11 121,049	4,616	4,152
76	88	27 656	2 024,539	8 711,973	4,303	3,839
77	89	23 587	1 668,280	6 687,434	4,009	3,545
78	90	19 697	1 345,999	5 019,154	3,729	3,265
79	91	16 028	1 058,280	3 673,155	3,471	3,007
80	92	12 668	808,136	2 614,875	3,236	2,772
81	93	9 712	598,610	1 806,739	3,018	2,554
82	94	7 187	427,980	1 208,129	2,823	2,359
83	95	5 131	295,204	780,150	2,643	2,179
84	96	3 521	195,762	484,946	2,477	2,013
85	97	2 284	122,683	289,184	2,357	1,893
86	98	1 434	74,393	166,501	2,238	1,774
87	99	869	43,560	92,109	2,115	1,651
88	100	500	24,218	48,549	2,005	1,541

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 586	99 585,848	2 610 849,911	26,217	25,753
1	14	99 222	95 866,423	2 511 264,063	26,195	25,731
2	15	99 185	92 590,423	2 415 397,639	26,087	25,623
3	16	99 158	89 434,498	2 322 807,216	25,972	25,508
4	17	99 132	86 388,007	2 233 372,719	25,853	25,389
5	18	99 108	83 446,417	2 146 984,712	25,729	25,265
6	19	99 079	80 600,576	2 063 538,294	25,602	25,138
7	20	99 052	77 854,263	1 982 937,718	25,470	25,006
8	21	99 026	75 201,125	1 905 083,456	25,333	24,869
9	22	99 001	72 639,898	1 829 882,331	25,191	24,727
10	23	98 977	70 166,435	1 757 242,433	25,044	24,580
11	24	98 951	67 776,086	1 687 075,998	24,892	24,428
12	25	98 926	65 467,291	1 619 299,912	24,734	24,270
13	26	98 900	63 237,035	1 553 832,622	24,572	24,108
14	27	98 872	61 081,229	1 490 595,587	24,403	23,939
15	28	98 837	58 994,976	1 429 514,358	24,231	23,767
16	29	98 798	56 977,435	1 370 519,382	24,054	23,590
17	30	98 748	55 022,797	1 313 541,946	23,873	23,409
18	31	98 690	53 130,661	1 258 519,150	23,687	23,223
19	32	98 621	51 298,190	1 205 388,489	23,498	23,034
20	33	98 548	49 526,783	1 154 090,299	23,302	22,838
21	34	98 470	47 814,065	1 104 563,516	23,101	22,637
22	35	98 390	46 159,694	1 056 749,451	22,893	22,429
23	36	98 305	44 560,134	1 010 589,756	22,679	22,215
24	37	98 219	43 015,905	966 029,622	22,457	21,993
25	38	98 126	41 521,807	923 013,717	22,230	21,766
26	39	98 024	40 075,929	881 491,910	21,996	21,532
27	40	97 920	38 679,671	841 415,980	21,753	21,289
28	41	97 808	37 328,790	802 736,309	21,504	21,040
29	42	97 688	36 022,291	765 407,519	21,248	20,784
30	43	97 560	34 758,379	729 385,228	20,984	20,520
31	44	97 416	33 533,643	694 626,850	20,714	20,250
32	45	97 262	32 348,274	661 093,207	20,437	19,973
33	46	97 088	31 198,566	628 744,933	20,153	19,689
34	47	96 899	30 084,813	597 546,367	19,862	19,398
35	48	96 692	29 005,283	567 461,554	19,564	19,100
36	49	96 460	27 957,309	538 456,271	19,260	18,796
37	50	96 209	26 941,499	510 498,962	18,948	18,484
38	51	95 936	25 956,736	483 557,463	18,629	18,165
39	52	95 629	24 998,516	457 600,728	18,305	17,841
40	53	95 299	24 069,964	432 602,211	17,973	17,509
41	54	94 937	23 167,579	408 532,247	17,634	17,170
42	55	94 536	22 289,704	385 364,668	17,289	16,825
43	56	94 094	21 435,125	363 074,964	16,938	16,474
44	57	93 613	20 604,411	341 639,839	16,581	16,117
45	58	93 078	19 793,870	321 035,428	16,219	15,755
46	59	92 492	19 004,035	301 241,558	15,851	15,387
47	60	91 856	18 235,148	282 237,523	15,478	15,014
48	61	91 155	17 484,047	264 002,375	15,100	14,636
49	62	90 396	16 752,144	246 518,329	14,716	14,252
50	63	89 574	16 038,560	229 766,184	14,326	13,862
51	64	88 674	15 340,446	213 727,624	13,932	13,468
52	65	87 685	14 656,470	198 387,178	13,536	13,072
53	66	86 626	13 989,804	183 730,708	13,133	12,669
54	67	85 464	13 335,346	169 740,905	12,729	12,265
55	68	84 204	12 694,373	156 405,558	12,321	11,857
56	69	82 830	12 064,973	143 711,186	11,911	11,447
57	70	81 333	11 446,385	131 646,213	11,501	11,037
58	71	79 720	10 839,906	120 199,828	11,089	10,625
59	72	77 986	10 245,581	109 359,922	10,674	10,210
60	73	76 144	9 665,312	99 114,340	10,255	9,791
61	74	74 158	9 094,862	89 449,028	9,835	9,371
62	75	72 047	8 537,119	80 354,166	9,412	8,948
63	76	69 817	7 993,193	71 817,047	8,985	8,521
64	77	67 425	7 458,273	63 823,854	8,557	8,093
65	78	64 882	6 934,322	56 365,581	8,128	7,664
66	79	62 128	6 415,448	49 431,258	7,705	7,241
67	80	59 177	5 904,079	43 015,810	7,286	6,822
68	81	55 994	5 397,518	37 111,731	6,876	6,412
69	82	52 576	4 896,693	31 714,213	6,477	6,013
70	83	48 925	4 402,593	26 817,520	6,091	5,627
71	84	45 121	3 922,990	22 414,927	5,714	5,250
72	85	41 142	3 456,033	18 491,937	5,351	4,887
73	86	37 015	3 004,193	15 035,904	5,005	4,541
74	87	32 816	2 573,388	12 031,711	4,675	4,211
75	88	28 618	2 168,300	9 458,323	4,362	3,898
76	89	24 498	1 793,333	7 290,023	4,065	3,601
77	90	20 532	1 452,208	5 496,690	3,785	3,321
78	91	16 792	1 147,496	4 044,482	3,525	3,061
79	92	13 341	880,876	2 896,986	3,289	2,825
80	93	10 293	656,609	2 016,110	3,070	2,606
81	94	7 683	473,516	1 359,501	2,871	2,407
82	95	5 533	329,474	885,985	2,689	2,225
83	96	3 834	220,583	556,512	2,523	2,059
84	97	2 516	139,842	335,929	2,402	1,938
85	98	1 601	85,999	196,087	2,280	1,816
86	99	985	51,099	110,088	2,154	1,690
87	100	576	28,881	58,989	2,042	1,578

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,466	2 603 022,822	26,141	25,677
1	15	99 213	95 857,584	2 503 446,356	26,116	25,652
2	16	99 173	92 579,158	2 407 588,772	26,006	25,542
3	17	99 143	89 421,329	2 315 009,615	25,889	25,425
4	18	99 119	86 376,244	2 225 588,286	25,766	25,302
5	19	99 089	83 429,977	2 139 212,042	25,641	25,177
6	20	99 061	80 586,488	2 055 782,065	25,510	25,046
7	21	99 034	77 839,869	1 975 195,577	25,375	24,911
8	22	99 009	75 188,724	1 897 355,708	25,235	24,771
9	23	98 985	72 628,071	1 822 166,984	25,089	24,625
10	24	98 959	70 153,808	1 749 538,912	24,939	24,475
11	25	98 933	67 763,890	1 679 385,105	24,783	24,319
12	26	98 907	65 454,837	1 611 621,214	24,622	24,158
13	27	98 881	63 225,134	1 546 166,377	24,455	23,991
14	28	98 851	61 068,085	1 482 941,243	24,283	23,819
15	29	98 814	58 981,074	1 421 873,158	24,107	23,643
16	30	98 773	56 962,691	1 362 892,083	23,926	23,462
17	31	98 717	55 005,347	1 305 929,392	23,742	23,278
18	32	98 659	53 113,978	1 250 924,045	23,552	23,088
19	33	98 587	51 280,613	1 197 810,067	23,358	22,894
20	34	98 512	49 508,937	1 146 529,453	23,158	22,694
21	35	98 430	47 794,653	1 097 020,516	22,953	22,489
22	36	98 349	46 140,671	1 049 225,863	22,740	22,276
23	37	98 260	44 539,703	1 003 085,193	22,521	22,057
24	38	98 173	42 995,487	958 545,490	22,294	21,830
25	39	98 067	41 496,759	915 550,002	22,063	21,599
26	40	97 965	40 051,838	874 053,243	21,823	21,359
27	41	97 853	38 653,149	834 001,405	21,577	21,113
28	42	97 735	37 301,157	795 348,257	21,322	20,858
29	43	97 611	35 993,698	758 047,100	21,061	20,597
30	44	97 471	34 726,816	722 053,402	20,792	20,328
31	45	97 322	33 501,096	687 326,586	20,517	20,053
32	46	97 150	32 311,001	653 825,490	20,235	19,771
33	47	96 970	31 160,581	621 514,489	19,946	19,482
34	48	96 766	30 043,588	590 353,908	19,650	19,186
35	49	96 538	28 959,047	560 310,321	19,348	18,884
36	50	96 292	27 908,438	531 351,273	19,039	18,575
37	51	96 030	26 891,571	503 442,836	18,721	18,257
38	52	95 731	25 901,118	476 551,265	18,399	17,935
39	53	95 406	24 940,196	450 650,146	18,069	17,605
40	54	95 055	24 008,160	425 709,951	17,732	17,268
41	55	94 663	23 100,655	401 701,790	17,389	16,925
42	56	94 230	22 217,364	378 601,135	17,041	16,577
43	57	93 757	21 358,452	356 383,771	16,686	16,222
44	58	93 246	20 523,557	335 025,319	16,324	15,860
45	59	92 673	19 707,778	314 501,763	15,958	15,494
46	60	92 056	18 914,596	294 793,984	15,586	15,122
47	61	91 371	18 138,940	275 879,389	15,209	14,745
48	62	90 636	17 384,634	257 740,449	14,826	14,362
49	63	89 841	16 649,379	240 355,815	14,436	13,972
50	64	88 970	15 930,317	223 706,435	14,043	13,579
51	65	88 011	15 225,812	207 776,118	13,646	13,182
52	66	86 987	14 539,651	192 550,306	13,243	12,779
53	67	85 867	13 867,223	178 010,655	12,837	12,373
54	68	84 654	13 208,898	164 143,431	12,427	11,963
55	69	83 322	12 561,518	150 934,534	12,016	11,552
56	70	81 873	11 925,567	138 373,016	11,603	11,139
57	71	80 309	11 302,174	126 447,449	11,188	10,724
58	72	78 627	10 691,380	115 145,275	10,770	10,306
59	73	76 831	10 093,808	104 453,894	10,348	9,884
60	74	74 894	9 506,645	94 360,087	9,926	9,462
61	75	72 835	8 932,581	84 853,442	9,499	9,035
62	76	70 661	8 372,938	75 920,861	9,067	8,603
63	77	68 312	7 820,812	67 547,923	8,637	8,173
64	78	65 820	7 280,793	59 727,110	8,203	7,739
65	79	63 101	6 743,989	52 446,318	7,777	7,313
66	80	60 177	6 213,910	45 702,329	7,355	6,891
67	81	57 020	5 688,808	39 488,419	6,941	6,477
68	82	53 604	5 167,185	33 799,611	6,541	6,077
69	83	49 980	4 654,900	28 632,426	6,151	5,687
70	84	46 151	4 152,916	23 977,527	5,774	5,310
71	85	42 181	3 667,355	19 824,611	5,406	4,942
72	86	38 010	3 192,943	16 157,255	5,060	4,596
73	87	33 788	2 742,287	12 964,312	4,728	4,264
74	88	29 537	2 316,190	10 222,024	4,413	3,949
75	89	25 350	1 920,676	7 905,835	4,116	3,652
76	90	21 325	1 561,064	5 985,159	3,834	3,370
77	91	17 504	1 238,042	4 424,095	3,573	3,109
78	92	13 977	955,136	3 186,053	3,336	2,872
79	93	10 840	715,710	2 230,917	3,117	2,653
80	94	8 142	519,394	1 515,206	2,917	2,453
81	95	5 914	364,529	995,812	2,732	2,268
82	96	4 134	246,190	631,283	2,564	2,100
83	97	2 739	157,573	385,093	2,444	1,980
84	98	1 763	98,026	227,520	2,321	1,857
85	99	1 100	59,071	129,493	2,192	1,728
86	100	653	33,880	70,423	2,079	1,615

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 567	99 567,285	2 594 780,227	26,061	25,597
1	16	99 201	95 845,921	2 495 212,943	26,034	25,570
2	17	99 159	92 565,526	2 399 367,022	25,921	25,457
3	18	99 130	89 409,153	2 306 801,496	25,801	25,336
4	19	99 099	86 359,227	2 217 392,343	25,676	25,212
5	20	99 071	83 415,394	2 131 033,116	25,547	25,083
6	21	99 043	80 571,589	2 047 617,722	25,414	24,950
7	22	99 018	77 827,033	1 967 046,133	25,275	24,811
8	23	98 993	75 176,483	1 889 219,100	25,130	24,666
9	24	98 967	72 615,001	1 814 042,617	24,982	24,518
10	25	98 941	70 141,184	1 741 427,616	24,827	24,363
11	26	98 914	67 751,000	1 671 286,432	24,668	24,204
12	27	98 888	65 442,519	1 603 535,432	24,503	24,039
13	28	98 860	63 211,529	1 538 092,913	24,332	23,868
14	29	98 827	61 053,695	1 474 881,384	24,157	23,693
15	30	98 788	58 965,812	1 413 827,689	23,977	23,513
16	31	98 741	56 944,627	1 354 861,877	23,793	23,329
17	32	98 686	54 988,076	1 297 917,250	23,604	23,140
18	33	98 625	53 095,780	1 242 929,174	23,409	22,945
19	34	98 552	51 262,135	1 189 833,395	23,211	22,747
20	35	98 472	49 488,837	1 138 571,259	23,007	22,543
21	36	98 389	47 774,955	1 089 082,423	22,796	22,332
22	37	98 304	46 119,515	1 041 307,467	22,578	22,114
23	38	98 213	44 518,562	995 187,952	22,354	21,890
24	39	98 114	42 969,550	950 669,391	22,124	21,660
25	40	98 008	41 471,814	907 699,840	21,887	21,423
26	41	97 898	40 024,375	866 228,027	21,643	21,178
27	42	97 781	38 624,535	826 203,652	21,391	20,927
28	43	97 658	37 271,549	787 579,117	21,131	20,667
29	44	97 522	35 961,013	750 307,568	20,864	20,400
30	45	97 376	34 693,111	714 346,555	20,590	20,126
31	46	97 210	33 462,495	679 653,444	20,311	19,847
32	47	97 031	32 271,662	646 190,950	20,023	19,559
33	48	96 837	31 117,882	613 919,288	19,729	19,265
34	49	96 612	29 995,697	582 801,406	19,430	18,965
35	50	96 369	28 908,425	552 805,709	19,123	18,659
36	51	96 113	27 856,718	523 897,284	18,807	18,343
37	52	95 825	26 833,950	496 040,567	18,486	18,022
38	53	95 507	25 840,692	469 206,616	18,158	17,694
39	54	95 161	24 876,157	443 365,924	17,823	17,359
40	55	94 780	23 938,808	418 489,767	17,482	17,018
41	56	94 355	23 025,683	394 550,959	17,135	16,671
42	57	93 893	22 137,893	371 525,276	16,782	16,318
43	58	93 389	21 274,639	349 387,383	16,423	15,959
44	59	92 840	20 434,291	328 112,744	16,057	15,593
45	60	92 237	19 615,026	307 678,453	15,686	15,222
46	61	91 571	18 814,803	288 063,426	15,310	14,846
47	62	90 851	18 035,804	269 248,623	14,929	14,465
48	63	90 080	17 277,989	251 212,819	14,539	14,075
49	64	89 235	16 537,014	233 934,830	14,146	13,682
50	65	88 305	15 811,275	217 397,816	13,750	13,286
51	66	87 310	15 104,456	201 586,540	13,346	12,882
52	67	86 224	14 412,253	186 482,085	12,939	12,475
53	68	85 053	13 735,731	172 069,831	12,527	12,063
54	69	83 768	13 070,658	158 334,100	12,114	11,650
55	70	82 360	12 416,374	145 263,443	11,699	11,235
56	71	80 841	11 775,319	132 847,068	11,282	10,818
57	72	79 208	11 147,315	121 071,749	10,861	10,397
58	73	77 463	10 533,003	109 924,435	10,436	9,972
59	74	75 570	9 928,106	99 391,432	10,011	9,547
60	75	73 558	9 337,016	89 463,326	9,582	9,118
61	76	71 434	8 760,795	80 126,310	9,146	8,682
62	77	69 137	8 192,368	71 365,515	8,711	8,247
63	78	66 686	7 634,705	63 173,147	8,274	7,810
64	79	64 014	7 080,949	55 538,442	7,843	7,379
65	80	61 119	6 532,130	48 457,493	7,418	6,954
66	81	57 983	5 987,342	41 925,363	7,002	6,538
67	82	54 586	5 446,044	35 938,021	6,599	6,135
68	83	50 957	4 912,035	30 491,977	6,208	5,744
69	84	47 145	4 390,914	25 579,942	5,826	5,362
70	85	43 143	3 882,299	21 189,029	5,458	4,994
71	86	38 970	3 388,179	17 306,730	5,108	4,644
72	87	34 696	2 914,583	13 918,551	4,775	4,311
73	88	30 411	2 468,208	11 003,968	4,458	3,994
74	89	26 163	2 051,676	8 535,760	4,160	3,696
75	90	22 067	1 671,914	6 484,083	3,878	3,414
76	91	18 180	1 330,844	4 812,170	3,616	3,152
77	92	14 570	1 030,503	3 481,325	3,378	2,914
78	93	11 356	776,047	2 450,822	3,158	2,694
79	94	8 575	566,145	1 674,775	2,958	2,494
80	95	6 268	399,848	1 108,630	2,773	2,309
81	96	4 419	272,384	708,782	2,602	2,138
82	97	2 953	175,865	436,398	2,481	2,017
83	98	1 920	110,456	260,533	2,359	1,895
84	99	1 211	67,333	150,077	2,229	1,765
85	100	729	39,166	82,744	2,113	1,649

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 555	99 555,170	2 586 111,122	25,977	25,513
1	17	99 186	95 831,808	2 486 555,952	25,947	25,483
2	18	99 145	92 552,922	2 390 724,144	25,831	25,367
3	19	99 110	89 391,538	2 298 171,222	25,709	25,245
4	20	99 082	86 344,132	2 208 779,684	25,581	25,117
5	21	99 053	83 399,973	2 122 435,552	25,449	24,985
6	22	99 027	80 558,303	2 039 035,580	25,311	24,847
7	23	99 002	77 814,362	1 958 477,277	25,169	24,705
8	24	98 975	75 162,954	1 880 662,914	25,021	24,557
9	25	98 949	72 601,935	1 805 499,961	24,868	24,404
10	26	98 922	70 127,842	1 732 898,026	24,711	24,247
11	27	98 896	67 738,250	1 662 770,184	24,547	24,083
12	28	98 867	65 428,437	1 595 031,934	24,378	23,914
13	29	98 837	63 196,634	1 529 603,498	24,204	23,740
14	30	98 802	61 037,896	1 466 406,864	24,025	23,561
15	31	98 757	58 947,112	1 405 368,968	23,841	23,377
16	32	98 710	56 926,746	1 346 421,856	23,652	23,188
17	33	98 652	54 969,235	1 289 495,110	23,458	22,994
18	34	98 589	53 076,648	1 234 525,875	23,259	22,795
19	35	98 512	51 241,323	1 181 449,227	23,057	22,593
20	36	98 432	49 468,441	1 130 207,904	22,847	22,383
21	37	98 344	47 753,051	1 080 739,463	22,632	22,168
22	38	98 258	46 097,624	1 032 986,412	22,409	21,945
23	39	98 154	44 491,706	986 888,788	22,181	21,717
24	40	98 055	42 943,719	942 397,083	21,945	21,481
25	41	97 941	41 443,376	899 453,363	21,703	21,239
26	42	97 825	39 994,746	858 009,987	21,453	20,989
27	43	97 703	38 593,877	818 015,241	21,195	20,731
28	44	97 569	37 237,704	779 421,364	20,931	20,467
29	45	97 427	35 926,110	742 183,661	20,659	20,195
30	46	97 264	34 653,136	706 257,550	20,381	19,917
31	47	97 091	33 421,754	671 604,414	20,095	19,631
32	48	96 898	32 227,440	638 182,661	19,802	19,338
33	49	96 683	31 068,278	605 955,221	19,504	19,040
34	50	96 443	29 943,262	574 886,942	19,199	18,735
35	51	96 190	28 854,852	544 943,680	18,886	18,422
36	52	95 907	27 797,029	516 088,828	18,566	18,102
37	53	95 601	26 771,348	488 291,799	18,239	17,775
38	54	95 262	25 774,342	461 520,452	17,906	17,442
39	55	94 886	24 804,298	435 746,110	17,567	17,103
40	56	94 472	23 861,116	410 941,812	17,222	16,758
41	57	94 018	22 943,321	387 080,696	16,871	16,407
42	58	93 524	22 051,021	364 137,375	16,513	16,049
43	59	92 983	21 182,107	342 086,354	16,150	15,686
44	60	92 403	20 338,120	320 904,247	15,778	15,314
45	61	91 750	19 511,538	300 566,127	15,405	14,941
46	62	91 050	18 707,824	281 054,589	15,023	14,559
47	63	90 294	17 925,164	262 346,765	14,636	14,172
48	64	89 472	17 161,382	244 421,601	14,243	13,779
49	65	88 568	16 413,439	227 260,219	13,846	13,382
50	66	87 601	15 685,253	210 846,780	13,442	12,978
51	67	86 545	14 972,109	195 161,527	13,035	12,571
52	68	85 407	14 275,593	180 189,419	12,622	12,158
53	69	84 163	13 591,978	165 913,825	12,207	11,743
54	70	82 800	12 919,631	152 321,848	11,790	11,326
55	71	81 322	12 259,943	139 402,216	11,371	10,907
56	72	79 733	11 613,976	127 142,273	10,947	10,483
57	73	78 035	10 982,183	115 528,297	10,520	10,056
58	74	76 191	10 360,091	104 546,115	10,091	9,627
59	75	74 221	9 750,957	94 186,023	9,659	9,195
60	76	72 143	9 157,452	84 435,066	9,220	8,756
61	77	69 893	8 571,861	75 277,614	8,782	8,318
62	78	67 492	7 997,418	66 705,753	8,341	7,877
63	79	64 856	7 425,147	58 708,335	7,907	7,443
64	80	62 003	6 858,505	51 283,188	7,477	7,013
65	81	58 891	6 293,959	44 424,683	7,058	6,594
66	82	55 508	5 731,839	38 130,724	6,652	6,188
67	83	51 891	5 177,124	32 398,885	6,258	5,794
68	84	48 067	4 633,466	27 221,761	5,875	5,411
69	85	44 073	4 104,788	22 588,295	5,503	5,039
70	86	39 859	3 586,760	18 483,507	5,153	4,689
71	87	35 573	3 092,798	14 896,747	4,817	4,353
72	88	31 228	2 623,283	11 803,949	4,500	4,036
73	89	26 938	2 186,334	9 180,666	4,199	3,735
74	90	22 775	1 785,947	6 994,332	3,916	3,452
75	91	18 813	1 425,347	5 208,385	3,654	3,190
76	92	15 132	1 107,749	3 783,038	3,415	2,951
77	93	11 838	837,282	2 675,289	3,195	2,731
78	94	8 983	613,873	1 838,007	2,994	2,530
79	95	6 601	435,838	1 224,134	2,809	2,345
80	96	4 684	298,776	788,296	2,638	2,174
81	97	3 157	194,577	489,521	2,516	2,052
82	98	2 070	123,278	294,944	2,393	1,928
83	99	1 319	75,870	171,665	2,263	1,799
84	100	803	44,644	95,795	2,146	1,682

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 541	99 540,511	2 577 007,468	25,889	25,425
1	18	99 172	95 818,760	2 477 466,957	25,856	25,392
2	19	99 125	92 534,687	2 381 648,197	25,738	25,274
3	20	99 093	89 375,913	2 289 113,510	25,612	25,148
4	21	99 064	86 328,169	2 199 737,597	25,481	25,017
5	22	99 037	83 386,220	2 113 409,429	25,345	24,881
6	23	99 011	80 545,187	2 030 023,208	25,204	24,740
7	24	98 984	77 800,359	1 949 478,021	25,057	24,593
8	25	98 957	75 149,429	1 871 677,662	24,906	24,442
9	26	98 930	72 588,124	1 796 528,233	24,750	24,286
10	27	98 904	70 114,644	1 723 940,109	24,587	24,123
11	28	98 875	67 723,673	1 653 825,465	24,420	23,956
12	29	98 844	65 413,019	1 586 101,792	24,247	23,783
13	30	98 811	63 180,280	1 520 688,773	24,069	23,605
14	31	98 770	61 018,539	1 457 508,492	23,886	23,422
15	32	98 726	58 928,603	1 396 489,953	23,698	23,234
16	33	98 676	56 907,241	1 337 561,350	23,504	23,040
17	34	98 616	54 949,428	1 280 654,109	23,306	22,842
18	35	98 549	53 055,099	1 225 704,681	23,102	22,638
19	36	98 471	51 220,205	1 172 649,582	22,894	22,430
20	37	98 387	49 445,760	1 121 429,377	22,680	22,216
21	38	98 297	47 730,384	1 071 983,618	22,459	21,995
22	39	98 198	46 069,816	1 024 253,234	22,233	21,769
23	40	98 095	44 464,960	978 183,418	21,999	21,535
24	41	97 987	42 914,273	933 718,459	21,758	21,294
25	42	97 868	41 412,698	890 804,186	21,510	21,046
26	43	97 748	39 963,000	849 391,488	21,254	20,790
27	44	97 614	38 558,831	809 428,488	20,992	20,528
28	45	97 474	37 201,562	770 869,657	20,721	20,257
29	46	97 315	35 884,715	733 668,096	20,445	19,981
30	47	97 146	34 610,945	697 783,381	20,161	19,697
31	48	96 958	33 375,956	663 172,435	19,870	19,406
32	49	96 744	32 176,068	629 796,480	19,573	19,109
33	50	96 514	31 013,969	597 620,412	19,269	18,805
34	51	96 264	29 887,771	566 606,443	18,958	18,494
35	52	95 984	28 793,025	536 718,672	18,641	18,177
36	53	95 683	27 732,180	507 925,647	18,315	17,851
37	54	95 356	26 702,608	480 193,468	17,983	17,519
38	55	94 987	25 699,887	453 490,860	17,646	17,182
39	56	94 578	24 723,797	427 790,973	17,303	16,839
40	57	94 134	23 775,766	403 067,176	16,953	16,489
41	58	93 649	22 853,289	379 291,410	16,597	16,133
42	59	93 117	21 955,112	356 438,122	16,235	15,771
43	60	92 546	21 082,416	334 483,010	15,865	15,401
44	61	91 916	20 230,817	313 400,594	15,491	15,027
45	62	91 229	19 400,598	293 169,777	15,111	14,647
46	63	90 491	18 593,062	273 769,178	14,724	14,260
47	64	89 685	17 804,189	255 176,116	14,332	13,868
48	65	88 804	17 033,141	237 371,927	13,936	13,472
49	66	87 862	16 282,616	220 338,787	13,532	13,068
50	67	86 833	15 547,817	204 056,170	13,124	12,660
51	68	85 724	14 830,140	188 508,354	12,711	12,247
52	69	84 513	14 126,189	173 678,214	12,295	11,831
53	70	83 191	13 434,928	159 552,024	11,876	11,412
54	71	81 757	12 756,860	146 117,097	11,454	10,990
55	72	80 208	12 091,960	133 360,237	11,029	10,565
56	73	78 552	11 441,931	121 268,277	10,599	10,135
57	74	76 754	10 801,898	109 826,345	10,167	9,703
58	75	74 832	10 175,234	99 024,448	9,732	9,268
59	76	72 794	9 563,433	88 849,214	9,291	8,826
60	77	70 587	8 959,963	79 285,781	8,849	8,385
61	78	68 230	8 367,880	70 325,818	8,404	7,940
62	79	65 639	7 777,905	61 957,937	7,966	7,502
63	80	62 818	7 191,890	54 180,032	7,533	7,069
64	81	59 742	6 608,434	46 988,142	7,110	6,646
65	82	56 378	6 025,371	40 379,709	6,702	6,238
66	83	52 767	5 448,807	34 354,337	6,305	5,841
67	84	48 948	4 883,522	28 905,531	5,919	5,455
68	85	44 935	4 331,535	24 022,009	5,546	5,082
69	86	40 718	3 792,312	19 690,474	5,192	4,728
70	87	36 384	3 274,066	15 898,162	4,856	4,392
71	88	32 017	2 783,687	12 624,095	4,535	4,071
72	89	27 662	2 323,699	9 840,409	4,235	3,771
73	90	23 449	1 903,164	7 516,709	3,950	3,486
74	91	19 416	1 522,563	5 613,545	3,687	3,223
75	92	15 659	1 186,409	4 090,982	3,448	2,984
76	93	12 295	900,044	2 904,573	3,227	2,763
77	94	9 364	662,312	2 004,529	3,027	2,563
78	95	6 915	472,581	1 342,217	2,840	2,376
79	96	4 932	325,668	869,637	2,670	2,206
80	97	3 346	213,429	543,968	2,549	2,085
81	98	2 213	136,395	330,539	2,423	1,959
82	99	1 422	84,678	194,144	2,293	1,829
83	100	874	50,304	109,466	2,176	1,712

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 527	99 526,958	2 567 460,619	25,797	25,333
1	19	99 153	95 799,882	2 467 933,661	25,761	25,297
2	20	99 108	92 518,513	2 372 133,780	25,640	25,176
3	21	99 074	89 359,389	2 279 615,267	25,511	25,047
4	22	99 047	86 313,933	2 190 255,877	25,375	24,911
5	23	99 021	83 372,644	2 103 941,944	25,235	24,771
6	24	98 993	80 530,692	2 020 569,300	25,091	24,627
7	25	98 966	77 786,359	1 940 038,608	24,941	24,477
8	26	98 939	75 135,134	1 862 252,248	24,785	24,321
9	27	98 912	72 574,463	1 787 117,115	24,625	24,161
10	28	98 882	70 099,556	1 714 542,651	24,459	23,995
11	29	98 851	67 707,715	1 644 443,095	24,287	23,823
12	30	98 818	65 396,092	1 576 735,380	24,111	23,647
13	31	98 780	63 160,244	1 511 339,288	23,929	23,465
14	32	98 739	60 999,379	1 448 179,044	23,741	23,277
15	33	98 692	58 908,412	1 387 179,664	23,548	23,084
16	34	98 641	56 886,736	1 328 271,252	23,349	22,885
17	35	98 576	54 927,119	1 271 384,516	23,147	22,683
18	36	98 509	53 033,233	1 216 457,398	22,938	22,474
19	37	98 426	51 196,721	1 163 424,164	22,725	22,261
20	38	98 340	49 422,290	1 112 227,444	22,505	22,041
21	39	98 238	47 701,591	1 062 805,154	22,280	21,816
22	40	98 139	46 042,121	1 015 103,564	22,047	21,583
23	41	98 028	44 434,470	969 061,443	21,809	21,345
24	42	97 915	42 882,505	924 626,973	21,562	21,098
25	43	97 791	41 379,826	881 744,467	21,309	20,845
26	44	97 659	39 926,711	840 364,642	21,048	20,584
27	45	97 520	38 521,407	800 437,931	20,779	20,315
28	46	97 362	37 158,697	761 916,524	20,504	20,040
29	47	97 196	35 841,025	724 757,827	20,221	19,757
30	48	97 013	34 563,518	688 916,803	19,932	19,468
31	49	96 804	33 322,753	654 353,285	19,637	19,173
32	50	96 575	32 119,822	621 030,532	19,335	18,871
33	51	96 335	30 956,494	588 910,710	19,024	18,560
34	52	96 058	29 823,731	557 954,217	18,708	18,244
35	53	95 760	28 725,851	528 130,486	18,385	17,921
36	54	95 438	27 660,973	499 404,634	18,054	17,590
37	55	95 080	26 625,472	471 743,662	17,718	17,254
38	56	94 679	25 616,480	445 118,190	17,376	16,912
39	57	94 239	24 635,361	419 501,710	17,028	16,564
40	58	93 765	23 682,467	394 866,350	16,673	16,209
41	59	93 242	22 753,890	371 183,883	16,313	15,849
42	60	92 679	21 851,784	348 429,993	15,945	15,481
43	61	92 057	20 971,186	326 578,209	15,573	15,109
44	62	91 393	20 115,787	305 607,024	15,192	14,728
45	63	90 669	19 281,586	285 491,236	14,806	14,342
46	64	89 881	18 467,579	266 209,650	14,415	13,951
47	65	89 015	17 671,144	247 742,071	14,020	13,556
48	66	88 096	16 897,379	230 070,926	13,616	13,152
49	67	87 092	16 139,946	213 173,547	13,208	12,744
50	68	86 010	15 400,389	197 033,601	12,794	12,330
51	69	84 827	14 674,932	181 633,212	12,377	11,913
52	70	83 536	13 962,967	166 958,280	11,957	11,493
53	71	82 142	13 265,664	152 995,313	11,533	11,069
54	72	80 636	12 582,068	139 729,649	11,105	10,641
55	73	79 020	11 912,835	127 147,581	10,673	10,209
56	74	77 263	11 254,099	115 234,746	10,239	9,775
57	75	75 384	10 609,157	103 980,648	9,801	9,337
58	76	73 392	9 979,551	93 371,490	9,356	8,892
59	77	71 224	9 357,188	83 391,940	8,912	8,448
60	78	68 908	8 746,748	74 034,751	8,464	8,000
61	79	66 357	8 138,199	65 288,004	8,022	7,558
62	80	63 577	7 533,566	57 149,805	7,586	7,122
63	81	60 528	6 929,663	49 616,239	7,160	6,696
64	82	57 193	6 326,426	42 686,576	6,747	6,283
65	83	53 594	5 727,845	36 360,150	6,348	5,884
66	84	49 775	5 139,797	30 632,305	5,960	5,496
67	85	45 759	4 565,297	25 492,508	5,584	5,120
68	86	41 514	4 001,798	20 927,211	5,229	4,765
69	87	37 168	3 461,698	16 925,413	4,889	4,425
70	88	32 748	2 946,838	13 463,715	4,569	4,105
71	89	28 361	2 465,784	10 516,877	4,265	3,801
72	90	24 079	2 022,738	8 051,093	3,980	3,516
73	91	19 991	1 622,493	6 028,354	3,715	3,251
74	92	16 161	1 267,329	4 405,861	3,476	3,012
75	93	12 723	963,955	3 138,532	3,256	2,792
76	94	9 726	711,958	2 174,577	3,054	2,590
77	95	7 209	509,870	1 462,619	2,869	2,405
78	96	5 167	353,123	952,748	2,698	2,234
79	97	3 523	232,640	599,625	2,577	2,113
80	98	2 345	149,610	366,985	2,453	1,989
81	99	1 520	93,687	217,375	2,320	1,856
82	100	943	56,144	123,688	2,203	1,739

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 507	99 507,349	2 557 457,863	25,701	25,237
1	20	99 136	95 783,137	2 457 950,514	25,662	25,198
2	21	99 090	92 501,408	2 362 167,377	25,537	25,073
3	22	99 058	89 344,654	2 269 665,968	25,403	24,939
4	23	99 031	86 299,881	2 180 321,314	25,264	24,800
5	24	99 003	83 357,640	2 094 021,434	25,121	24,657
6	25	98 975	80 516,202	2 010 663,794	24,972	24,508
7	26	98 947	77 771,563	1 930 147,592	24,818	24,354
8	27	98 920	75 120,994	1 852 376,030	24,659	24,195
9	28	98 890	72 558,846	1 777 255,036	24,494	24,030
10	29	98 859	70 083,038	1 704 696,189	24,324	23,860
11	30	98 826	67 690,194	1 634 613,151	24,148	23,684
12	31	98 787	65 375,353	1 566 922,957	23,968	23,504
13	32	98 749	63 140,412	1 501 547,604	23,781	23,317
14	33	98 706	60 978,479	1 438 407,192	23,589	23,125
15	34	98 657	58 887,186	1 377 428,713	23,391	22,927
16	35	98 601	56 863,640	1 318 541,527	23,188	22,724
17	36	98 536	54 904,482	1 261 677,887	22,980	22,515
18	37	98 463	53 008,918	1 206 773,406	22,765	22,301
19	38	98 379	51 172,419	1 153 764,488	22,547	22,083
20	39	98 281	49 392,476	1 102 592,069	22,323	21,859
21	40	98 179	47 672,915	1 053 199,593	22,092	21,628
22	41	98 072	46 010,550	1 005 526,678	21,854	21,390
23	42	97 955	44 401,577	959 516,129	21,610	21,146
24	43	97 837	42 848,467	915 114,551	21,357	20,893
25	44	97 702	41 342,250	872 266,085	21,099	20,635
26	45	97 564	39 887,959	830 923,834	20,831	20,367
27	46	97 407	38 477,021	791 035,875	20,559	20,095
28	47	97 244	37 113,455	752 558,855	20,277	19,813
29	48	97 063	35 791,912	715 445,399	19,989	19,525
30	49	96 858	34 508,422	679 653,487	19,695	19,231
31	50	96 634	33 264,502	645 145,065	19,394	18,930
32	51	96 396	32 060,297	611 880,563	19,085	18,621
33	52	96 128	30 890,163	579 820,266	18,770	18,306
34	53	95 834	29 754,153	548 930,103	18,449	17,985
35	54	95 514	28 652,093	519 175,950	18,120	17,656
36	55	95 162	27 581,068	490 523,857	17,785	17,321
37	56	94 772	26 539,060	462 942,788	17,444	16,980
38	57	94 340	25 524,850	436 403,728	17,097	16,633
39	58	93 870	24 538,688	410 878,878	16,744	16,280
40	59	93 357	23 579,462	386 340,190	16,385	15,921
41	60	92 803	22 646,802	362 760,728	16,018	15,554
42	61	92 190	21 736,494	340 113,926	15,647	15,183
43	62	91 534	20 851,946	318 377,431	15,268	14,804
44	63	90 832	19 992,388	297 525,485	14,882	14,418
45	64	90 057	19 151,457	277 533,097	14,491	14,027
46	65	89 209	18 329,577	258 381,640	14,096	13,632
47	66	88 305	17 530,297	240 052,063	13,694	13,230
48	67	87 324	16 749,322	222 521,765	13,285	12,821
49	68	86 266	15 986,904	205 772,443	12,871	12,407
50	69	85 110	15 239,213	189 785,539	12,454	11,990
51	70	83 847	14 505,369	174 546,326	12,033	11,569
52	71	82 484	13 787,050	160 040,956	11,608	11,144
53	72	81 017	13 083,901	146 253,906	11,178	10,714
54	73	79 442	12 395,683	133 170,005	10,743	10,279
55	74	77 722	11 717,272	120 774,323	10,307	9,843
56	75	75 884	11 053,290	109 057,051	9,866	9,402
57	76	73 935	10 405,129	98 003,761	9,419	8,955
58	77	71 810	9 764,332	87 598,632	8,971	8,507
59	78	69 529	9 134,520	77 834,300	8,521	8,057
60	79	67 016	8 506,667	68 699,780	8,076	7,612
61	80	64 273	7 882,541	60 193,113	7,636	7,172
62	81	61 259	7 258,881	52 310,572	7,206	6,742
63	82	57 945	6 633,947	45 051,691	6,791	6,327
64	83	54 369	6 014,034	38 417,743	6,388	5,924
65	84	50 554	5 403,010	32 403,709	5,997	5,533
66	85	46 531	4 804,872	27 000,699	5,619	5,155
67	86	42 275	4 217,765	22 195,827	5,262	4,798
68	87	37 895	3 652,921	17 978,063	4,922	4,458
69	88	33 454	3 115,717	14 325,141	4,598	4,134
70	89	29 008	2 610,303	11 209,424	4,294	3,830
71	90	24 688	2 146,421	8 599,120	4,006	3,542
72	91	20 528	1 724,433	6 452,700	3,742	3,278
73	92	16 640	1 350,507	4 728,267	3,501	3,037
74	93	13 131	1 029,702	3 377,760	3,280	2,816
75	94	10 064	762,514	2 348,057	3,079	2,615
76	95	7 487	548,090	1 585,544	2,893	2,429
77	96	5 387	380,987	1 037,454	2,723	2,259
78	97	3 691	252,252	656,467	2,602	2,138
79	98	2 470	163,077	404,214	2,479	2,015
80	99	1 611	102,764	241,138	2,347	1,882
81	100	1 008	62,118	138,373	2,228	1,764

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 490	99 489,956	2 546 993,517	25,601	25,136
1	21	99 117	95 765,429	2 447 503,561	25,557	25,093
2	22	99 073	92 486,155	2 351 738,132	25,428	24,964
3	23	99 042	89 330,108	2 259 251,977	25,291	24,827
4	24	99 013	86 284,350	2 169 921,869	25,148	24,684
5	25	98 985	83 342,641	2 083 637,520	25,001	24,537
6	26	98 956	80 500,885	2 000 294,879	24,848	24,384
7	27	98 929	77 756,926	1 919 793,993	24,690	24,226
8	28	98 899	75 104,829	1 842 037,067	24,526	24,062
9	29	98 867	72 541,749	1 766 932,238	24,357	23,893
10	30	98 833	70 064,903	1 694 390,490	24,183	23,719
11	31	98 794	67 668,728	1 624 325,587	24,004	23,540
12	32	98 756	65 354,825	1 556 656,859	23,819	23,355
13	33	98 715	63 118,778	1 491 302,034	23,627	23,163
14	34	98 670	60 956,507	1 428 183,256	23,430	22,966
15	35	98 617	58 863,278	1 367 226,749	23,227	22,763
16	36	98 560	56 840,205	1 308 363,472	23,018	22,554
17	37	98 491	54 879,308	1 251 523,267	22,805	22,341
18	38	98 417	52 983,756	1 196 643,959	22,585	22,121
19	39	98 320	51 141,550	1 143 660,203	22,363	21,899
20	40	98 222	49 362,783	1 092 518,653	22,132	21,668
21	41	98 112	47 640,226	1 043 155,870	21,897	21,433
22	42	97 999	45 976,490	995 515,644	21,653	21,189
23	43	97 877	44 366,333	949 539,154	21,402	20,938
24	44	97 748	42 809,558	905 172,821	21,144	20,680
25	45	97 607	41 302,124	862 363,263	20,879	20,415
26	46	97 452	39 841,999	821 061,139	20,608	20,144
27	47	97 289	38 430,175	781 219,140	20,328	19,864
28	48	97 110	37 062,599	742 788,966	20,041	19,577
29	49	96 909	35 734,858	705 726,367	19,749	19,285
30	50	96 689	34 448,099	669 991,509	19,449	18,985
31	51	96 455	33 202,856	635 543,411	19,141	18,677
32	52	96 189	31 991,602	602 340,554	18,828	18,364
33	53	95 904	30 818,098	570 348,952	18,507	18,043
34	54	95 588	29 677,754	539 530,855	18,180	17,716
35	55	95 238	28 569,326	509 853,101	17,846	17,382
36	56	94 853	27 491,555	481 283,775	17,507	17,043
37	57	94 433	26 444,131	453 792,220	17,160	16,696
38	58	93 970	25 424,688	427 348,089	16,808	16,344
39	59	93 461	24 431,959	401 923,401	16,451	15,987
40	60	92 918	23 468,488	377 491,442	16,085	15,621
41	61	92 313	22 527,319	354 022,953	15,715	15,251
42	62	91 666	21 612,903	331 495,635	15,338	14,874
43	63	90 972	20 724,031	309 882,731	14,953	14,489
44	64	90 219	19 857,461	289 158,700	14,562	14,098
45	65	89 384	19 008,344	269 301,239	14,168	13,704
46	66	88 498	18 183,483	250 292,894	13,765	13,301
47	67	87 531	17 376,695	232 109,412	13,358	12,893
48	68	86 496	16 590,502	214 732,717	12,943	12,479
49	69	85 364	15 819,590	198 142,215	12,525	12,061
50	70	84 126	15 063,130	182 322,625	12,104	11,640
51	71	82 790	14 322,619	167 259,495	11,678	11,214
52	72	81 354	13 598,143	152 936,875	11,247	10,783
53	73	79 817	12 890,081	139 338,732	10,810	10,346
54	74	78 138	12 192,193	126 448,651	10,371	9,907
55	75	76 336	11 508,198	114 256,458	9,928	9,464
56	76	74 425	10 840,720	102 748,260	9,478	9,014
57	77	72 340	10 180,732	91 907,540	9,028	8,564
58	78	70 101	9 531,975	81 726,807	8,574	8,110
59	79	67 621	8 883,796	72 194,832	8,127	7,663
60	80	64 911	8 239,434	63 311,036	7,684	7,220
61	81	61 929	7 595,132	55 071,602	7,251	6,787
62	82	58 645	6 949,117	47 476,470	6,832	6,368
63	83	55 083	6 306,370	40 527,353	6,426	5,962
64	84	51 285	5 672,969	34 220,983	6,032	5,568
65	85	47 260	5 050,933	28 548,014	5,652	5,188
66	86	42 989	4 439,102	23 497,081	5,293	4,829
67	87	38 590	3 850,060	19 057,978	4,950	4,486
68	88	34 108	3 287,828	15 207,918	4,626	4,161
69	89	29 633	2 759,896	11 920,090	4,319	3,855
70	90	25 251	2 272,222	9 160,193	4,031	3,567
71	91	21 047	1 829,875	6 887,971	3,764	3,300
72	92	17 087	1 435,358	5 058,096	3,524	3,060
73	93	13 520	1 097,285	3 622,738	3,302	2,838
74	94	10 387	814,521	2 525,453	3,101	2,637
75	95	7 748	587,009	1 710,932	2,915	2,451
76	96	5 595	409,545	1 123,922	2,744	2,280
77	97	3 848	272,157	714,377	2,625	2,161
78	98	2 588	176,824	442,220	2,501	2,037
79	99	1 697	112,014	265,396	2,369	1,905
80	100	1 068	68,136	153,381	2,251	1,787

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 472	99 471,563	2 536 053,155	25,495	25,031
1	22	99 101	95 749,637	2 436 581,592	25,447	24,983
2	23	99 057	92 471,097	2 340 831,955	25,314	24,850
3	24	99 024	89 314,032	2 248 360,858	25,174	24,710
4	25	98 995	86 268,824	2 159 046,826	25,027	24,563
5	26	98 966	83 326,787	2 072 778,002	24,875	24,411
6	27	98 938	80 485,735	1 989 451,215	24,718	24,254
7	28	98 907	77 740,194	1 908 965,480	24,556	24,092
8	29	98 875	75 087,131	1 831 225,285	24,388	23,924
9	30	98 841	72 522,977	1 756 138,154	24,215	23,751
10	31	98 802	70 042,683	1 683 615,177	24,037	23,573
11	32	98 763	67 647,480	1 613 572,494	23,853	23,389
12	33	98 722	65 332,433	1 545 925,014	23,662	23,198
13	34	98 679	63 096,034	1 480 592,582	23,466	23,002
14	35	98 630	60 931,759	1 417 496,547	23,264	22,800
15	36	98 576	58 839,018	1 356 564,789	23,056	22,592
16	37	98 515	56 814,144	1 297 725,770	22,842	22,378
17	38	98 444	54 853,259	1 240 911,627	22,622	22,158
18	39	98 357	52 951,794	1 186 058,368	22,399	21,935
19	40	98 261	51 110,806	1 133 106,574	22,170	21,706
20	41	98 154	49 328,936	1 081 995,768	21,934	21,470
21	42	98 039	47 604,960	1 032 666,833	21,692	21,228
22	43	97 922	45 939,996	985 061,873	21,442	20,978
23	44	97 788	44 326,045	939 121,877	21,187	20,723
24	45	97 653	42 768,008	894 795,832	20,922	20,458
25	46	97 495	41 254,535	852 027,824	20,653	20,189
26	47	97 333	39 793,490	810 773,290	20,375	19,910
27	48	97 155	38 377,514	770 979,799	20,089	19,625
28	49	96 956	37 003,519	732 602,286	19,798	19,334
29	50	96 739	35 672,391	695 598,767	19,500	19,036
30	51	96 510	34 384,259	659 926,376	19,193	18,729
31	52	96 249	33 131,713	625 542,116	18,880	18,416
32	53	95 965	31 916,966	592 410,404	18,561	18,097
33	54	95 658	30 738,967	560 493,437	18,234	17,770
34	55	95 312	29 592,024	529 754,471	17,902	17,438
35	56	94 929	28 476,605	500 162,446	17,564	17,100
36	57	94 514	27 393,219	471 685,841	17,219	16,755
37	58	94 062	26 340,361	444 292,622	16,867	16,403
38	59	93 561	25 314,105	417 952,261	16,511	16,047
39	60	93 021	24 316,974	392 638,156	16,147	15,683
40	61	92 428	23 344,669	368 321,182	15,778	15,314
41	62	91 788	22 399,231	344 976,513	15,401	14,937
42	63	91 104	21 480,320	322 577,282	15,017	14,553
43	64	90 358	20 584,167	301 096,961	14,628	14,164
44	65	89 545	19 709,073	280 512,794	14,233	13,769
45	66	88 672	18 856,839	260 803,721	13,831	13,367
46	67	87 723	18 024,157	241 946,882	13,423	12,959
47	68	86 701	17 211,925	223 922,725	13,010	12,546
48	69	85 591	16 416,871	206 710,800	12,591	12,127
49	70	84 377	15 636,801	190 293,929	12,170	11,706
50	71	83 067	14 873,353	174 657,128	11,743	11,279
51	72	81 656	14 126,374	159 783,775	11,311	10,847
52	73	80 149	13 396,706	145 657,401	10,873	10,409
53	74	78 506	12 678,476	132 260,695	10,432	9,968
54	75	76 743	11 974,646	119 582,219	9,986	9,522
55	76	74 867	11 286,880	107 607,574	9,534	9,070
56	77	72 820	10 606,930	96 320,694	9,081	8,617
57	78	70 619	9 938,467	85 713,764	8,624	8,160
58	79	68 177	9 270,342	75 775,297	8,174	7,710
59	80	65 496	8 604,716	66 504,956	7,729	7,265
60	81	62 544	7 939,012	57 900,240	7,293	6,829
61	82	59 287	7 271,019	49 961,228	6,871	6,407
62	83	55 749	6 605,977	42 690,209	6,462	5,998
63	84	51 960	5 948,727	36 084,233	6,066	5,602
64	85	47 943	5 303,301	30 135,506	5,682	5,218
65	86	43 662	4 666,433	24 832,205	5,321	4,857
66	87	39 241	4 052,101	20 165,772	4,977	4,513
67	88	34 733	3 465,264	16 113,671	4,650	4,186
68	89	30 213	2 912,352	12 648,407	4,343	3,879
69	90	25 795	2 402,440	9 736,055	4,053	3,589
70	91	21 527	1 937,124	7 333,615	3,786	3,322
71	92	17 519	1 523,125	5 396,491	3,543	3,079
72	93	13 883	1 166,226	3 873,366	3,321	2,857
73	94	10 694	867,980	2 707,140	3,119	2,655
74	95	7 996	627,047	1 839,160	2,933	2,469
75	96	5 789	438,627	1 212,113	2,763	2,299
76	97	3 996	292,558	773,486	2,644	2,180
77	98	2 697	190,777	480,929	2,521	2,057
78	99	1 777	121,457	290,152	2,389	1,925
79	100	1 125	74,269	168,694	2,271	1,807

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 455	99 455,160	2 524 625,216	25,385	24,921
1	23	99 085	95 734,048	2 425 170,057	25,332	24,868
2	24	99 040	92 454,456	2 329 436,008	25,195	24,731
3	25	99 006	89 297,961	2 236 981,552	25,051	24,587
4	26	98 977	86 252,414	2 147 683,592	24,900	24,436
5	27	98 947	83 311,105	2 061 431,178	24,744	24,280
6	28	98 916	80 468,416	1 978 120,073	24,583	24,119
7	29	98 884	77 721,875	1 897 651,656	24,416	23,952
8	30	98 850	75 067,701	1 819 929,781	24,244	23,780
9	31	98 810	72 499,978	1 744 862,080	24,067	23,603
10	32	98 771	70 020,690	1 672 362,103	23,884	23,420
11	33	98 729	67 624,302	1 602 341,413	23,695	23,231
12	34	98 686	65 308,891	1 534 717,111	23,499	23,035
13	35	98 639	63 070,418	1 469 408,220	23,298	22,834
14	36	98 589	60 906,647	1 406 337,802	23,090	22,626
15	37	98 531	58 812,041	1 345 431,155	22,877	22,413
16	38	98 468	56 787,176	1 286 619,115	22,657	22,193
17	39	98 384	54 820,168	1 229 831,939	22,434	21,970
18	40	98 298	52 919,962	1 175 011,770	22,204	21,740
19	41	98 193	51 075,760	1 122 091,808	21,969	21,505
20	42	98 082	49 292,419	1 071 016,049	21,728	21,264
21	43	97 961	47 567,173	1 021 723,629	21,480	21,016
22	44	97 833	45 898,279	974 156,457	21,224	20,760
23	45	97 693	44 283,024	928 258,177	20,962	20,498
24	46	97 541	42 718,729	883 975,154	20,693	20,229
25	47	97 376	41 204,307	841 256,425	20,417	19,953
26	48	97 200	39 738,961	800 052,118	20,133	19,669
27	49	97 000	38 316,338	760 313,157	19,843	19,379
28	50	96 786	36 938,834	721 996,819	19,546	19,082
29	51	96 560	35 606,283	685 057,985	19,240	18,776
30	52	96 303	34 310,584	649 451,702	18,929	18,465
31	53	96 024	33 054,418	615 141,118	18,610	18,146
32	54	95 719	31 835,014	582 086,700	18,284	17,820
33	55	95 382	30 650,171	550 251,686	17,953	17,489
34	56	95 002	29 495,985	519 601,515	17,616	17,152
35	57	94 590	28 374,746	490 105,530	17,273	16,809
36	58	94 143	27 285,725	461 730,784	16,922	16,458
37	59	93 653	26 225,796	434 445,060	16,566	16,102
38	60	93 121	25 194,968	408 219,264	16,202	15,738
39	61	92 531	24 188,678	383 024,296	15,835	15,371
40	62	91 902	23 211,934	358 835,618	15,459	14,995
41	63	91 225	22 261,824	335 623,683	15,076	14,612
42	64	90 489	21 335,352	313 361,859	14,687	14,223
43	65	89 683	20 430,348	292 026,507	14,294	13,830
44	66	88 831	19 551,983	271 596,159	13,891	13,427
45	67	87 895	18 691,614	252 044,176	13,484	13,020
46	68	86 891	17 853,248	233 352,562	13,071	12,607
47	69	85 794	17 031,791	215 499,314	12,653	12,189
48	70	84 602	16 227,180	198 467,523	12,231	11,767
49	71	83 314	15 439,796	182 240,343	11,803	11,339
50	72	81 928	14 669,562	166 800,547	11,371	10,906
51	73	80 446	13 917,112	152 130,985	10,931	10,467
52	74	78 833	13 176,784	138 213,873	10,489	10,025
53	75	77 106	12 452,251	125 037,090	10,041	9,577
54	76	75 268	11 744,357	112 584,838	9,586	9,122
55	77	73 253	11 043,468	100 840,482	9,131	8,667
56	78	71 087	10 354,522	89 797,014	8,672	8,208
57	79	68 680	9 665,675	79 442,492	8,219	7,755
58	80	66 035	8 979,119	69 776,817	7,771	7,307
59	81	63 108	8 290,975	60 797,698	7,333	6,869
60	82	59 875	7 600,224	52 506,723	6,909	6,445
61	83	56 359	6 911,983	44 906,499	6,497	6,033
62	84	52 588	6 231,342	37 994,516	6,097	5,633
63	85	48 574	5 561,089	31 763,174	5,712	5,248
64	86	44 294	4 899,589	26 202,085	5,348	4,884
65	87	39 856	4 259,613	21 302,496	5,001	4,537
66	88	35 319	3 647,112	17 042,883	4,673	4,209
67	89	30 766	3 069,524	13 395,771	4,364	3,900
68	90	26 299	2 535,150	10 326,247	4,073	3,609
69	91	21 991	2 048,138	7 791,097	3,804	3,340
70	92	17 918	1 612,395	5 742,959	3,562	3,098
71	93	14 234	1 237,536	4 130,564	3,338	2,874
72	94	10 982	922,515	2 893,028	3,136	2,672
73	95	8 233	668,202	1 970,513	2,949	2,485
74	96	5 975	468,544	1 302,311	2,779	2,315
75	97	4 136	313,332	833,768	2,661	2,197
76	98	2 801	205,077	520,436	2,538	2,074
77	99	1 853	131,041	315,358	2,407	1,943
78	100	1 178	80,530	184,317	2,289	1,825

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 439	99 438,968	2 512 694,667	25,269	24,805
1	24	99 067	95 716,819	2 413 255,699	25,212	24,748
2	25	99 022	92 437,820	2 317 538,880	25,071	24,607
3	26	98 987	89 280,974	2 225 101,060	24,922	24,458
4	27	98 958	86 236,181	2 135 820,085	24,767	24,303
5	28	98 926	83 293,178	2 049 583,904	24,607	24,143
6	29	98 893	80 449,454	1 966 290,726	24,441	23,977
7	30	98 858	77 701,763	1 885 841,272	24,270	23,806
8	31	98 818	75 043,895	1 808 139,508	24,094	23,630
9	32	98 779	72 477,213	1 733 095,614	23,912	23,448
10	33	98 737	69 996,698	1 660 618,401	23,724	23,260
11	34	98 694	67 599,935	1 590 621,702	23,530	23,066
12	35	98 646	65 282,376	1 523 021,768	23,330	22,866
13	36	98 599	63 044,424	1 457 739,391	23,122	22,658
14	37	98 544	60 878,721	1 394 694,967	22,909	22,445
15	38	98 484	58 784,125	1 333 816,246	22,690	22,226
16	39	98 409	56 752,919	1 275 032,121	22,466	22,002
17	40	98 325	54 787,213	1 218 279,202	22,237	21,773
18	41	98 231	52 883,675	1 163 491,988	22,001	21,537
19	42	98 121	51 037,950	1 110 608,314	21,760	21,296
20	43	98 004	49 253,293	1 059 570,363	21,513	21,049
21	44	97 872	47 523,979	1 010 317,070	21,259	20,795
22	45	97 738	45 853,732	962 793,092	20,997	20,533
23	46	97 581	44 231,999	916 939,360	20,730	20,266
24	47	97 422	42 666,718	872 707,361	20,454	19,990
25	48	97 242	41 147,844	830 040,643	20,172	19,708
26	49	97 045	39 675,615	788 892,799	19,884	19,420
27	50	96 831	38 249,358	749 217,183	19,588	19,124
28	51	96 607	36 870,379	710 967,825	19,283	18,819
29	52	96 353	35 529,989	674 097,446	18,973	18,509
30	53	96 078	34 230,539	638 567,457	18,655	18,191
31	54	95 778	32 969,545	604 336,918	18,330	17,866
32	55	95 442	31 743,052	571 367,373	18,000	17,536
33	56	95 072	30 550,698	539 624,321	17,663	17,199
34	57	94 663	29 390,479	509 073,623	17,321	16,857
35	58	94 219	28 263,399	479 683,144	16,972	16,508
36	59	93 734	27 167,048	451 419,745	16,616	16,152
37	60	93 212	26 102,368	424 252,697	16,253	15,789
38	61	92 630	25 062,040	398 150,329	15,887	15,423
39	62	92 005	24 051,144	373 088,289	15,512	15,048
40	63	91 338	23 069,542	349 037,144	15,130	14,666
41	64	90 610	22 111,581	325 967,602	14,742	14,278
42	65	89 813	21 175,920	303 856,021	14,349	13,885
43	66	88 968	20 267,509	282 680,101	13,947	13,483
44	67	88 053	19 380,666	262 412,592	13,540	13,076
45	68	87 061	18 514,376	243 031,925	13,127	12,663
46	69	85 981	17 666,402	224 517,550	12,709	12,245
47	70	84 803	16 834,996	206 851,148	12,287	11,823
48	71	83 536	16 022,738	190 016,153	11,859	11,395
49	72	82 173	15 228,243	173 993,415	11,426	10,962
50	73	80 715	14 452,253	158 765,172	10,985	10,521
51	74	79 126	13 688,646	144 312,919	10,543	10,079
52	75	77 426	12 941,668	130 624,272	10,093	9,629
53	76	75 623	12 212,777	117 682,604	9,636	9,172
54	77	73 644	11 491,079	105 469,827	9,178	8,714
55	78	71 510	10 780,672	93 978,749	8,717	8,253
56	79	69 136	10 070,311	83 198,077	8,262	7,798
57	80	66 523	9 362,033	73 127,766	7,811	7,347
58	81	63 627	8 651,727	63 765,732	7,370	6,906
59	82	60 415	7 937,167	55 114,006	6,944	6,480
60	83	56 919	7 224,933	47 176,839	6,530	6,066
61	84	53 163	6 519,995	39 951,906	6,128	5,664
62	85	49 161	5 825,288	33 431,911	5,739	5,275
63	86	44 876	5 137,753	27 606,623	5,373	4,909
64	87	40 432	4 472,443	22 468,870	5,024	4,560
65	88	35 873	3 833,884	17 996,427	4,694	4,230
66	89	31 286	3 230,605	14 162,543	4,384	3,920
67	90	26 781	2 671,966	10 931,939	4,091	3,627
68	91	22 421	2 161,276	8 259,973	3,822	3,358
69	92	18 304	1 704,799	6 098,697	3,577	3,113
70	93	14 559	1 310,068	4 393,898	3,354	2,890
71	94	11 259	978,923	3 083,830	3,150	2,686
72	95	8 454	710,184	2 104,907	2,964	2,500
73	96	6 152	499,296	1 394,723	2,793	2,329
74	97	4 268	334,703	895,427	2,675	2,211
75	98	2 899	219,640	560,725	2,553	2,089
76	99	1 924	140,864	341,085	2,421	1,957
77	100	1 228	86,885	200,221	2,304	1,840

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 421	99 421,072	2 500 247,824	25,148	24,684
1	25	99 049	95 699,596	2 400 826,751	25,087	24,623
2	26	99 003	92 420,236	2 305 127,155	24,942	24,478
3	27	98 969	89 264,172	2 212 706,919	24,788	24,324
4	28	98 937	86 217,625	2 123 442,747	24,629	24,165
5	29	98 903	83 273,551	2 037 225,122	24,464	24,000
6	30	98 867	80 428,637	1 953 951,572	24,294	23,830
7	31	98 827	77 677,122	1 873 522,935	24,119	23,655
8	32	98 787	75 020,331	1 795 845,813	23,938	23,474
9	33	98 745	72 452,380	1 720 825,482	23,751	23,287
10	34	98 702	69 971,476	1 648 373,102	23,558	23,094
11	35	98 654	67 572,489	1 578 401,626	23,359	22,895
12	36	98 605	65 255,471	1 510 829,137	23,153	22,689
13	37	98 554	63 015,519	1 445 573,665	22,940	22,476
14	38	98 497	60 849,824	1 382 558,147	22,721	22,257
15	39	98 425	58 748,663	1 321 708,322	22,498	22,034
16	40	98 350	56 718,802	1 262 959,659	22,267	21,803
17	41	98 258	54 749,646	1 206 240,857	22,032	21,568
18	42	98 158	52 844,527	1 151 491,211	21,790	21,326
19	43	98 043	50 997,438	1 098 646,683	21,543	21,079
20	44	97 915	49 208,568	1 047 649,245	21,290	20,826
21	45	97 777	47 477,853	998 440,677	21,030	20,566
22	46	97 625	45 800,897	950 962,824	20,763	20,299
23	47	97 462	44 178,146	905 161,927	20,489	20,025
24	48	97 289	42 608,252	860 983,781	20,207	19,743
25	49	97 087	41 082,253	818 375,529	19,920	19,456
26	50	96 875	39 606,260	777 293,277	19,626	19,161
27	51	96 651	38 178,474	737 687,017	19,322	18,858
28	52	96 400	36 791,377	699 508,543	19,013	18,549
29	53	96 128	35 447,099	662 717,165	18,696	18,232
30	54	95 831	34 142,646	627 270,067	18,372	17,908
31	55	95 501	32 874,306	593 127,420	18,042	17,578
32	56	95 132	31 640,032	560 253,115	17,707	17,243
33	57	94 732	30 441,419	528 613,083	17,365	16,901
34	58	94 291	29 275,147	498 171,664	17,017	16,553
35	59	93 809	28 140,470	468 896,517	16,663	16,199
36	60	93 292	27 039,190	440 756,047	16,301	15,837
37	61	92 720	25 964,653	413 716,857	15,934	15,470
38	62	92 103	24 919,541	387 752,204	15,560	15,096
39	63	91 440	23 903,604	362 832,664	15,179	14,715
40	64	90 722	22 913,848	338 929,060	14,791	14,327
41	65	89 932	21 946,349	316 015,211	14,399	13,935
42	66	89 097	21 007,138	294 068,862	13,999	13,534
43	67	88 189	20 089,923	273 061,724	13,592	13,128
44	68	87 218	19 196,895	252 971,801	13,178	12,714
45	69	86 150	18 320,610	233 774,906	12,760	12,296
46	70	84 988	17 462,273	215 454,296	12,338	11,874
47	71	83 734	16 622,895	197 992,023	11,911	11,447
48	72	82 391	15 803,198	181 369,128	11,477	11,013
49	73	80 955	15 002,659	165 565,930	11,036	10,572
50	74	79 390	14 215,002	150 563,272	10,592	10,128
51	75	77 714	13 444,397	136 348,269	10,142	9,678
52	76	75 937	12 692,782	122 903,872	9,683	9,219
53	77	73 992	11 949,397	110 211,090	9,223	8,759
54	78	71 892	11 217,631	98 261,693	8,760	8,296
55	79	69 547	10 484,764	87 044,061	8,302	7,838
56	80	66 964	9 753,957	76 559,298	7,849	7,385
57	81	64 097	9 020,680	66 805,340	7,406	6,942
58	82	60 912	8 282,524	57 784,661	6,977	6,513
59	83	57 432	7 545,238	49 502,137	6,561	6,097
60	84	53 691	6 815,196	41 956,898	6,156	5,692
61	85	49 699	6 095,131	35 141,702	5,766	5,302
62	86	45 418	5 381,840	29 046,571	5,397	4,933
63	87	40 964	4 689,844	23 664,730	5,046	4,582
64	88	36 391	4 025,442	18 974,887	4,714	4,250
65	89	31 776	3 396,047	14 949,445	4,402	3,938
66	90	27 234	2 812,183	11 553,398	4,108	3,644
67	91	22 832	2 277,914	8 741,214	3,837	3,373
68	92	18 662	1 798,972	6 463,300	3,593	3,129
69	93	14 872	1 385,146	4 664,328	3,367	2,903
70	94	11 516	1 036,298	3 279,182	3,164	2,700
71	95	8 668	753,609	2 242,885	2,976	2,512
72	96	6 317	530,666	1 489,276	2,806	2,342
73	97	4 395	356,670	958,610	2,688	2,224
74	98	2 992	234,620	601,940	2,566	2,102
75	99	1 991	150,867	367,319	2,435	1,971
76	100	1 276	93,398	216,452	2,318	1,854

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 403	99 403,183	2 487 272,562	25,022	24,558
1	26	99 030	95 681,392	2 387 869,379	24,956	24,492
2	27	98 984	92 402,843	2 292 187,987	24,806	24,342
3	28	98 947	89 244,964	2 199 785,144	24,649	24,185
4	29	98 913	86 197,308	2 110 540,181	24,485	24,021
5	30	98 877	83 252,002	2 024 342,873	24,316	23,852
6	31	98 836	80 403,130	1 941 090,870	24,142	23,678
7	32	98 796	77 652,731	1 860 687,740	23,962	23,498
8	33	98 754	74 994,627	1 783 035,009	23,776	23,311
9	34	98 710	72 426,273	1 708 040,382	23,583	23,119
10	35	98 662	69 943,068	1 635 614,109	23,385	22,921
11	36	98 613	67 544,641	1 565 671,041	23,180	22,716
12	37	98 560	65 225,552	1 498 126,400	22,968	22,504
13	38	98 507	62 985,607	1 432 900,848	22,750	22,286
14	39	98 438	60 813,117	1 369 915,241	22,527	22,063
15	40	98 365	58 713,347	1 309 102,124	22,296	21,832
16	41	98 282	56 679,910	1 250 388,777	22,061	21,597
17	42	98 185	54 709,117	1 193 708,867	21,819	21,355
18	43	98 080	52 802,581	1 138 999,750	21,571	21,107
19	44	97 954	50 951,129	1 086 197,168	21,318	20,854
20	45	97 820	49 160,807	1 035 246,039	21,058	20,594
21	46	97 665	47 423,147	986 085,232	20,793	20,329
22	47	97 506	45 745,134	938 662,085	20,519	20,055
23	48	97 328	44 117,609	892 916,951	20,239	19,775
24	49	97 134	42 540,332	848 799,342	19,953	19,489
25	50	96 918	41 010,438	806 259,010	19,660	19,196
26	51	96 696	39 532,861	765 248,572	19,357	18,893
27	52	96 444	38 096,670	725 715,711	19,049	18,585
28	53	96 175	36 705,544	687 619,041	18,733	18,269
29	54	95 881	35 356,082	650 913,497	18,410	17,946
30	55	95 555	34 044,018	615 557,415	18,081	17,617
31	56	95 191	32 767,614	581 513,396	17,747	17,283
32	57	94 792	31 526,857	548 745,783	17,406	16,942
33	58	94 360	30 321,963	517 218,926	17,058	16,594
34	59	93 881	29 147,817	486 896,963	16,704	16,240
35	60	93 367	28 008,031	457 749,146	16,343	15,879
36	61	92 800	26 896,532	429 741,115	15,978	15,514
37	62	92 193	25 817,021	402 844,583	15,604	15,140
38	63	91 538	24 766,673	377 027,562	15,223	14,759
39	64	90 823	23 742,281	352 260,889	14,837	14,373
40	65	90 044	22 742,621	328 518,608	14,445	13,981
41	66	89 216	21 771,427	305 775,987	14,045	13,581
42	67	88 316	20 823,071	284 004,560	13,639	13,175
43	68	87 353	19 899,426	263 181,489	13,226	12,762
44	69	86 305	18 995,986	243 282,063	12,807	12,343
45	70	85 155	18 108,923	224 286,076	12,385	11,921
46	71	83 917	17 242,270	206 177,153	11,958	11,494
47	72	82 587	16 395,132	188 934,884	11,524	11,060
48	73	81 171	15 569,096	172 539,752	11,082	10,618
49	74	79 626	14 756,372	156 970,656	10,637	10,173
50	75	77 973	13 961,362	142 214,284	10,186	9,722
51	76	76 219	13 185,843	128 252,922	9,727	9,263
52	77	74 300	12 419,050	115 067,079	9,265	8,801
53	78	72 231	11 665,044	102 648,029	8,800	8,336
54	79	69 919	10 909,730	90 982,985	8,340	7,876
55	80	67 362	10 155,390	80 073,256	7,885	7,421
56	81	64 522	9 398,314	69 917,865	7,439	6,975
57	82	61 362	8 635,732	60 519,552	7,008	6,544
58	83	57 904	7 873,542	51 883,819	6,590	6,126
59	84	54 175	7 117,337	44 010,278	6,184	5,720
60	85	50 192	6 371,097	36 892,941	5,791	5,327
61	86	45 915	5 631,142	30 521,844	5,420	4,956
62	87	41 459	4 912,651	24 890,703	5,067	4,603
63	88	36 870	4 221,115	19 978,051	4,733	4,269
64	89	32 235	3 565,729	15 756,936	4,419	3,955
65	90	27 660	2 956,198	12 191,208	4,124	3,660
66	91	23 217	2 397,454	9 235,010	3,852	3,388
67	92	19 004	1 896,057	6 837,556	3,606	3,142
68	93	15 163	1 461,661	4 941,499	3,381	2,917
69	94	11 764	1 095,686	3 479,838	3,176	2,712
70	95	8 866	797,778	2 384,152	2,988	2,524
71	96	6 477	563,114	1 586,374	2,817	2,353
72	97	4 513	379,080	1 023,260	2,699	2,235
73	98	3 080	250,019	644,180	2,577	2,112
74	99	2 055	161,157	394,161	2,446	1,982
75	100	1 320	100,030	233,004	2,329	1,865

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1	0	99 644	96 274,177	2 583 333,054	26,833	26,369
2	1	99 317	92 713,342	2 487 058,877	26,825	26,361
3	2	99 277	89 541,918	2 394 345,535	26,740	26,276
4	3	99 254	86 493,759	2 304 803,618	26,647	26,183
5	4	99 233	83 551,329	2 218 309,858	26,550	26,086
6	5	99 213	80 710,089	2 134 758,529	26,450	25,986
7	6	99 195	77 966,727	2 054 048,441	26,345	25,881
8	7	99 178	75 317,019	1 976 081,714	26,237	25,773
9	8	99 165	72 760,464	1 900 764,694	26,124	25,660
10	9	99 150	70 289,441	1 828 004,231	26,007	25,543
11	10	99 136	67 902,969	1 757 714,789	25,886	25,422
12	11	99 123	65 597,818	1 689 811,820	25,760	25,296
13	12	99 108	63 370,271	1 624 214,002	25,631	25,167
14	13	99 091	61 216,637	1 560 843,732	25,497	25,033
15	14	99 068	59 132,913	1 499 627,095	25,360	24,896
16	15	99 043	57 118,848	1 440 494,182	25,219	24,755
17	16	99 007	55 166,923	1 383 375,333	25,076	24,612
18	17	98 965	53 278,884	1 328 208,411	24,929	24,465
19	18	98 914	51 450,451	1 274 929,527	24,780	24,316
20	19	98 855	49 681,023	1 223 479,075	24,627	24,163
21	20	98 795	47 971,873	1 173 798,053	24,468	24,004
22	21	98 736	46 322,287	1 125 826,180	24,304	23,840
23	22	98 675	44 728,152	1 079 503,893	24,135	23,671
24	23	98 619	43 190,874	1 034 775,742	23,958	23,494
25	24	98 554	41 702,991	991 584,868	23,777	23,313
26	25	98 493	40 267,853	949 881,877	23,589	23,125
27	26	98 430	38 880,888	909 614,025	23,395	22,931
28	27	98 366	37 541,659	870 733,137	23,194	22,730
29	28	98 297	36 246,746	833 191,478	22,987	22,523
30	29	98 222	34 994,494	796 944,731	22,773	22,309
31	30	98 142	33 783,380	761 950,237	22,554	22,090
32	31	98 050	32 610,499	728 166,857	22,329	21,865
33	32	97 957	31 477,865	695 556,358	22,097	21,633
34	33	97 852	30 380,731	664 078,493	21,859	21,395
35	34	97 742	29 320,206	633 697,762	21,613	21,149
36	35	97 623	28 294,482	604 377,556	21,360	20,896
37	36	97 499	27 302,911	576 083,074	21,100	20,636
38	37	97 359	26 341,694	548 780,163	20,833	20,369
39	38	97 209	25 411,671	522 438,470	20,559	20,095
40	39	97 042	24 510,193	497 026,799	20,278	19,814
41	40	96 864	23 637,816	472 516,606	19,990	19,526
42	41	96 668	22 792,369	448 878,789	19,694	19,230
43	42	96 458	21 973,606	426 086,420	19,391	18,927
44	43	96 233	21 181,022	404 112,814	19,079	18,615
45	44	95 972	20 409,410	382 931,792	18,763	18,298
46	45	95 691	19 661,511	362 522,382	18,438	17,974
47	46	95 373	18 933,392	342 860,871	18,109	17,645
48	47	95 031	18 227,596	323 927,479	17,771	17,307
49	48	94 649	17 540,369	305 699,883	17,428	16,964
50	49	94 217	16 869,927	288 159,515	17,081	16,617
51	50	93 740	16 216,866	271 289,588	16,729	16,265
52	51	93 220	15 581,536	255 072,722	16,370	15,906
53	52	92 635	14 960,163	239 491,186	16,009	15,545
54	53	91 985	14 352,803	224 531,024	15,644	15,180
55	54	91 261	13 758,302	210 178,220	15,276	14,812
56	55	90 459	13 176,277	196 419,918	14,907	14,443
57	56	89 572	12 605,796	183 243,641	14,536	14,072
58	57	88 597	12 046,962	170 637,846	14,164	13,700
59	58	87 529	11 499,337	158 590,883	13,791	13,327
60	59	86 370	10 963,283	147 091,546	13,417	12,953
61	60	85 118	10 439,043	136 128,264	13,040	12,576
62	61	83 753	9 924,249	125 689,220	12,665	12,201
63	62	82 282	9 420,278	115 764,971	12,289	11,825
64	63	80 716	8 928,485	106 344,693	11,911	11,447
65	64	79 029	8 446,216	97 416,209	11,534	11,070
66	65	77 229	7 974,709	88 969,993	11,157	10,692
67	66	75 341	7 516,690	80 995,284	10,775	10,311
68	67	73 337	7 069,315	73 478,595	10,394	9,930
69	68	71 248	6 635,727	66 409,279	10,008	9,544
70	69	69 015	6 210,372	59 773,552	9,625	9,161
71	70	66 696	5 798,750	53 563,180	9,237	8,773
72	71	64 233	5 395,763	47 764,430	8,852	8,388
73	72	61 694	5 007,232	42 368,667	8,461	7,997
74	73	59 033	4 629,227	37 361,435	8,071	7,607
75	74	56 259	4 262,507	32 732,208	7,679	7,215
76	75	53 397	3 908,884	28 469,701	7,283	6,819
77	76	50 424	3 566,377	24 560,817	6,887	6,423
78	77	47 328	3 234,260	20 994,439	6,491	6,027
79	78	44 101	2 911,821	17 760,180	6,099	5,635
80	79	40 726	2 598,047	14 848,358	5,715	5,251
81	80	37 221	2 294,151	12 250,311	5,340	4,876
82	81	33 550	1 997,928	9 956,160	4,983	4,519
83	82	29 784	1 713,723	7 958,231	4,644	4,180
84	83	26 007	1 445,786	6 244,508	4,319	3,855
85	84	22 275	1 196,457	4 798,723	4,011	3,547
86	85	18 644	967,544	3 602,266	3,723	3,259
87	86	15 197	762,002	2 634,722	3,458	2,994
88	87	12 040	583,268	1 872,721	3,211	2,747
89	88	9 225	431,795	1 289,452	2,986	2,522
90	89	6 822	308,532	857,657	2,780	2,316
91	90	4 860	212,376	549,125	2,586	2,122
92	91	3 319	140,107	336,750	2,404	1,939
93	92	2 140	87,282	196,643	2,253	1,789
94	93	1 315	51,840	109,361	2,110	1,646
95	94	760	28,922	57,521	1,989	1,525
96	95	415	15,271	28,599	1,873	1,409
97	96	210	7,471	13,328	1,784	1,320
98	97	100	3,421	5,857	1,712	1,248
99	98	45	1,481	2,437	1,646	1,182
100	99	19	0,606	0,956	1,579	1,115

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 616	92 992,817	2 490 261,123	26,779	26,315
3	1	99 301	89 564,124	2 397 268,305	26,766	26,302
4	2	99 266	86 504,505	2 307 704,181	26,677	26,213
5	3	99 243	83 559,946	2 221 199,676	26,582	26,118
6	4	99 223	80 717,812	2 137 639,730	26,483	26,019
7	5	99 204	77 973,673	2 056 921,917	26,380	25,916
8	6	99 187	75 323,682	1 978 948,244	26,273	25,809
9	7	99 170	72 763,844	1 903 624,562	26,162	25,698
10	8	99 157	70 294,340	1 830 860,718	26,046	25,582
11	9	99 142	67 907,123	1 760 566,378	25,926	25,462
12	10	99 129	65 601,655	1 692 659,255	25,802	25,338
13	11	99 116	63 375,171	1 627 057,600	25,673	25,209
14	12	99 099	61 221,444	1 563 682,429	25,541	25,077
15	13	99 078	59 138,485	1 502 460,985	25,406	24,942
16	14	99 052	57 124,116	1 443 322,500	25,266	24,802
17	15	99 019	55 173,636	1 386 198,384	25,124	24,660
18	16	98 980	53 286,730	1 331 024,749	24,979	24,515
19	17	98 927	51 457,458	1 277 738,018	24,831	24,367
20	18	98 874	49 690,812	1 226 280,561	24,678	24,214
21	19	98 812	47 980,259	1 176 589,748	24,522	24,058
22	20	98 755	46 330,852	1 128 609,489	24,360	23,896
23	21	98 692	44 735,528	1 082 278,636	24,193	23,729
24	22	98 635	43 197,907	1 037 543,108	24,018	23,554
25	23	98 572	41 710,497	994 345,201	23,839	23,375
26	24	98 511	40 275,100	952 634,704	23,653	23,189
27	25	98 448	38 888,285	912 359,605	23,461	22,997
28	26	98 384	37 548,726	873 471,320	23,262	22,798
29	27	98 318	36 254,548	835 922,594	23,057	22,593
30	28	98 245	35 002,742	799 668,046	22,846	22,382
31	29	98 167	33 792,124	764 665,303	22,629	22,164
32	30	98 081	32 620,844	730 873,179	22,405	21,941
33	31	97 988	31 487,753	698 252,335	22,175	21,711
34	32	97 886	30 391,144	666 764,583	21,939	21,475
35	33	97 777	29 330,774	636 373,439	21,696	21,232
36	34	97 663	28 305,974	607 042,665	21,446	20,982
37	35	97 540	27 314,168	578 736,690	21,188	20,724
38	36	97 404	26 353,777	551 422,522	20,924	20,460
39	37	97 255	25 423,738	525 068,745	20,653	20,189
40	38	97 101	24 524,988	499 645,007	20,373	19,909
41	39	96 922	23 652,035	475 120,019	20,088	19,624
42	40	96 735	22 808,008	451 467,984	19,794	19,330
43	41	96 529	21 989,885	428 659,976	19,494	19,029
44	42	96 309	21 197,848	406 670,091	19,184	18,720
45	43	96 060	20 427,960	385 472,243	18,870	18,406
46	44	95 784	19 680,613	365 044,284	18,548	18,084
47	45	95 483	18 955,232	345 363,671	18,220	17,756
48	46	95 147	18 249,815	326 408,438	17,886	17,422
49	47	94 779	17 564,437	308 158,623	17,544	17,080
50	48	94 368	16 896,862	290 594,186	17,198	16,734
51	49	93 904	16 245,264	273 697,324	16,848	16,384
52	50	93 393	15 610,465	257 452,061	16,492	16,028
53	51	92 834	14 992,287	241 841,596	16,131	15,667
54	52	92 200	14 386,366	226 849,309	15,768	15,304
55	53	91 496	13 793,720	212 462,943	15,403	14,939
56	54	90 721	13 214,449	198 669,223	15,034	14,570
57	55	89 863	12 646,840	185 454,774	14,664	14,200
58	56	88 915	12 090,209	172 807,934	14,293	13,829
59	57	87 874	11 544,640	160 717,725	13,921	13,457
60	58	86 747	11 011,175	149 173,085	13,547	13,083
61	59	85 521	10 488,406	138 161,911	13,173	12,709
62	60	84 197	9 976,887	127 673,505	12,797	12,333
63	61	82 753	9 474,146	117 696,618	12,423	11,959
64	62	81 214	8 983,594	108 222,472	12,047	11,583
65	63	79 566	8 503,606	99 238,877	11,670	11,206
66	64	77 810	8 034,750	90 735,272	11,293	10,829
67	65	75 946	7 577,083	82 700,522	10,915	10,451
68	66	73 985	7 131,805	75 123,440	10,534	10,070
69	67	71 930	6 699,251	67 991,635	10,149	9,685
70	68	69 745	6 276,055	61 292,384	9,766	9,302
71	69	67 476	5 866,535	55 016,328	9,378	8,914
72	70	65 053	5 464,611	49 149,793	8,994	8,530
73	71	62 551	5 076,793	43 685,183	8,605	8,141
74	72	59 921	4 698,834	38 608,390	8,217	7,753
75	73	57 198	4 333,649	33 909,556	7,825	7,361
76	74	54 367	3 979,898	29 575,907	7,431	6,967
77	75	51 412	3 636,309	25 596,009	7,039	6,575
78	76	48 372	3 305,547	21 959,700	6,643	6,179
79	77	45 176	2 982,802	18 654,153	6,254	5,790
80	78	41 876	2 671,371	15 671,352	5,866	5,402
81	79	38 428	2 368,558	12 999,981	5,489	5,025
82	80	34 819	2 073,533	10 631,422	5,127	4,663
83	81	31 112	1 790,114	8 557,890	4,781	4,317
84	82	27 358	1 520,885	6 767,775	4,450	3,986
85	83	23 615	1 268,389	5 246,890	4,137	3,673
86	84	19 944	1 034,987	3 978,501	3,844	3,380
87	85	16 450	824,788	2 943,515	3,569	3,105
88	86	13 190	638,974	2 118,726	3,316	2,852
89	87	10 249	479,743	1 479,752	3,084	2,620
90	88	7 702	348,309	1 000,009	2,871	2,407
91	89	5 584	243,975	651,699	2,671	2,207
92	90	3 893	164,344	407,725	2,481	2,017
93	91	2 571	104,860	243,381	2,321	1,857
94	92	1 619	63,803	138,521	2,171	1,707
95	93	960	36,562	74,718	2,044	1,580
96	94	539	19,837	38,155	1,923	1,459
97	95	281	9,998	18,319	1,832	1,368
98	96	139	4,789	8,321	1,738	1,274
99	97	64	2,112	3,532	1,672	1,208
100	98	27	0,882	1,420	1,610	1,146

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3	0	99 601	89 834,106	2 400 232,183	26,718	26,254
4	1	99 291	86 525,958	2 310 398,076	26,702	26,238
5	2	99 255	83 570,328	2 223 872,118	26,611	26,147
6	3	99 233	80 726,137	2 140 301,790	26,513	26,049
7	4	99 214	77 981,135	2 059 575,652	26,411	25,947
8	5	99 196	75 330,393	1 981 594,518	26,305	25,841
9	6	99 178	72 770,281	1 906 264,125	26,196	25,732
10	7	99 162	70 297,606	1 833 493,844	26,082	25,618
11	8	99 149	67 911,855	1 763 196,238	25,963	25,499
12	9	99 135	65 605,669	1 695 284,383	25,841	25,376
13	10	99 122	63 378,879	1 629 678,714	25,713	25,249
14	11	99 106	61 226,178	1 566 299,835	25,582	25,118
15	12	99 085	59 143,129	1 505 073,657	25,448	24,984
16	13	99 062	57 129,498	1 445 930,528	25,310	24,846
17	14	99 028	55 178,724	1 388 801,030	25,169	24,705
18	15	98 992	53 293,214	1 333 622,306	25,024	24,560
19	16	98 942	51 465,036	1 280 329,092	24,878	24,414
20	17	98 888	49 697,579	1 228 864,056	24,727	24,263
21	18	98 832	47 989,714	1 179 166,477	24,571	24,107
22	19	98 772	46 338,952	1 131 176,763	24,411	23,947
23	20	98 710	44 743,801	1 084 837,811	24,246	23,782
24	21	98 651	43 205,031	1 040 094,010	24,073	23,609
25	22	98 588	41 717,289	996 888,979	23,896	23,432
26	23	98 529	40 282,349	955 171,690	23,712	23,248
27	24	98 466	38 895,284	914 889,341	23,522	23,058
28	25	98 403	37 555,870	875 994,057	23,325	22,861
29	26	98 336	36 261,372	838 438,188	23,122	22,658
30	27	98 267	35 010,276	802 176,815	22,913	22,449
31	28	98 190	33 800,089	767 166,539	22,697	22,233
32	29	98 107	32 629,287	733 366,450	22,476	22,012
33	30	98 019	31 497,741	700 737,163	22,247	21,783
34	31	97 916	30 400,689	669 239,422	22,014	21,550
35	32	97 810	29 340,828	638 838,732	21,773	21,309
36	33	97 698	28 316,178	609 497,905	21,525	21,061
37	34	97 579	27 325,262	581 181,727	21,269	20,805
38	35	97 444	26 364,642	553 856,465	21,008	20,544
39	36	97 300	25 435,400	527 491,823	20,738	20,274
40	37	97 147	24 536,635	502 056,422	20,462	19,997
41	38	96 981	23 666,312	477 519,788	20,177	19,713
42	39	96 793	22 821,727	453 853,476	19,887	19,423
43	40	96 595	22 004,973	431 031,749	19,588	19,124
44	41	96 380	21 213,552	409 026,775	19,281	18,817
45	42	96 136	20 444,188	387 813,224	18,969	18,505
46	43	95 871	19 698,500	367 369,036	18,650	18,186
47	44	95 576	18 973,648	347 670,536	18,324	17,860
48	45	95 257	18 270,868	328 696,888	17,990	17,526
49	46	94 894	17 585,848	310 426,020	17,652	17,188
50	47	94 497	16 920,047	292 840,172	17,307	16,843
51	48	94 054	16 271,201	275 920,125	16,958	16,494
52	49	93 556	15 637,801	259 648,924	16,604	16,140
53	50	93 006	15 020,122	244 011,124	16,246	15,782
54	51	92 398	14 417,258	228 991,002	15,883	15,419
55	52	91 710	13 825,975	214 573,744	15,520	15,056
56	53	90 955	13 248,467	200 747,768	15,153	14,689
57	54	90 124	12 683,479	187 499,301	14,783	14,319
58	55	89 204	12 129,574	174 815,822	14,412	13,948
59	56	88 190	11 586,083	162 686,248	14,042	13,577
60	57	87 089	11 054,554	151 100,165	13,669	13,205
61	58	85 894	10 534,223	140 045,611	13,294	12,830
62	59	84 595	10 024,064	129 511,387	12,920	12,456
63	60	83 192	9 524,397	119 487,324	12,545	12,081
64	61	81 679	9 034,966	109 962,927	12,171	11,707
65	62	80 057	8 556,093	100 927,961	11,796	11,332
66	63	78 339	8 089,344	92 371,868	11,419	10,955
67	64	76 518	7 634,130	84 282,525	11,040	10,576
68	65	74 579	7 189,105	76 648,395	10,662	10,198
69	66	72 566	6 758,469	69 459,290	10,277	9,813
70	67	70 412	6 336,136	62 700,820	9,896	9,432
71	68	68 189	5 928,582	56 364,684	9,507	9,043
72	69	65 813	5 528,490	50 436,102	9,123	8,659
73	70	63 349	5 141,571	44 907,612	8,734	8,270
74	71	60 753	4 764,111	39 766,042	8,347	7,883
75	72	58 058	4 398,811	35 001,931	7,957	7,493
76	73	55 275	4 046,323	30 603,120	7,563	7,099
77	74	52 346	3 702,371	26 556,797	7,173	6,709
78	75	49 320	3 370,364	22 854,426	6,781	6,317
79	76	46 172	3 048,546	19 484,062	6,391	5,927
80	77	42 896	2 736,490	16 435,516	6,006	5,542
81	78	39 513	2 435,405	13 699,026	5,625	5,161
82	79	35 949	2 140,784	11 263,621	5,261	4,797
83	80	32 289	1 857,854	9 122,837	4,910	4,446
84	81	28 578	1 588,680	7 264,982	4,573	4,109
85	82	24 841	1 334,274	5 676,302	4,254	3,790
86	83	21 143	1 097,211	4 342,028	3,957	3,493
87	84	17 596	882,281	3 244,817	3,678	3,214
88	85	14 276	691,624	2 362,536	3,416	2,952
89	86	11 228	525,562	1 670,913	3,179	2,715
90	87	8 557	386,987	1 145,351	2,960	2,496
91	88	6 304	275,429	758,364	2,753	2,289
92	89	4 472	188,797	482,935	2,558	2,094
93	90	3 015	123,000	294,138	2,391	1,927
94	91	1 945	76,652	171,138	2,233	1,769
95	92	1 182	45,000	94,486	2,100	1,636
96	93	682	25,077	49,486	1,973	1,509
97	94	365	12,987	24,409	1,879	1,415
98	95	187	6,409	11,421	1,782	1,318
99	96	89	2,957	5,013	1,695	1,231
100	97	39	1,258	2,056	1,635	1,171

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4	0	99 590	86 786,782	2 313 138,728	26,653	26,189
5	1	99 280	83 591,054	2 226 351,945	26,634	26,170
6	2	99 245	80 736,167	2 142 760,892	26,540	26,076
7	3	99 224	77 989,178	2 062 024,725	26,440	25,976
8	4	99 205	75 337,602	1 984 035,547	26,335	25,871
9	5	99 187	72 776,764	1 908 697,945	26,227	25,763
10	6	99 170	70 303,825	1 835 921,181	26,114	25,650
11	7	99 154	67 915,010	1 765 617,357	25,997	25,533
12	8	99 142	65 610,241	1 697 702,346	25,876	25,412
13	9	99 128	63 382,756	1 632 092,106	25,750	25,286
14	10	99 112	61 229,760	1 568 709,350	25,620	25,156
15	11	99 093	59 147,703	1 507 479,590	25,487	25,023
16	12	99 070	57 133,984	1 448 331,887	25,350	24,886
17	13	99 037	55 183,923	1 391 197,903	25,210	24,746
18	14	99 001	53 298,129	1 336 013,980	25,067	24,603
19	15	98 954	51 471,298	1 282 715,851	24,921	24,457
20	16	98 902	49 704,898	1 231 244,553	24,771	24,307
21	17	98 845	47 996,250	1 181 539,655	24,617	24,153
22	18	98 791	46 348,083	1 133 543,405	24,457	23,993
23	19	98 727	44 751,623	1 087 195,322	24,294	23,830
24	20	98 670	43 213,020	1 042 443,699	24,123	23,659
25	21	98 604	41 724,169	999 230,679	23,948	23,484
26	22	98 545	40 288,908	957 506,510	23,766	23,302
27	23	98 484	38 902,285	917 217,601	23,577	23,113
28	24	98 421	37 562,629	878 315,317	23,383	22,919
29	25	98 355	36 268,271	840 752,688	23,181	22,717
30	26	98 285	35 016,866	804 484,417	22,974	22,510
31	27	98 211	33 807,364	769 467,550	22,760	22,296
32	28	98 130	32 636,978	735 660,187	22,541	22,077
33	29	98 045	31 505,894	703 023,209	22,314	21,850
34	30	97 947	30 410,333	671 517,314	22,082	21,618
35	31	97 841	29 350,043	641 106,981	21,843	21,379
36	32	97 732	28 325,883	611 756,938	21,597	21,133
37	33	97 614	27 335,112	583 431,055	21,344	20,880
38	34	97 484	26 375,351	556 095,943	21,084	20,620
39	35	97 340	25 445,887	529 720,592	20,818	20,354
40	36	97 191	24 547,890	504 274,705	20,542	20,078
41	37	97 027	23 677,550	479 726,815	20,261	19,797
42	38	96 851	22 835,503	456 049,265	19,971	19,507
43	39	96 653	22 018,210	433 213,762	19,675	19,211
44	40	96 447	21 228,108	411 195,552	19,370	18,906
45	41	96 207	20 459,333	389 967,445	19,061	18,597
46	42	95 948	19 714,148	369 508,112	18,743	18,279
47	43	95 663	18 990,893	349 793,963	18,419	17,955
48	44	95 349	18 288,618	330 803,071	18,088	17,624
49	45	95 004	17 606,135	312 514,452	17,750	17,286
50	46	94 612	16 940,673	294 908,318	17,408	16,944
51	47	94 183	16 293,528	277 967,645	17,060	16,596
52	48	93 706	15 662,768	261 674,117	16,707	16,243
53	49	93 169	15 046,424	246 011,349	16,350	15,886
54	50	92 569	14 444,026	230 964,925	15,990	15,526
55	51	91 907	13 855,664	216 520,899	15,627	15,163
56	52	91 167	13 279,448	202 665,236	15,262	14,798
57	53	90 356	12 716,130	189 385,788	14,893	14,429
58	54	89 463	12 164,715	176 669,658	14,523	14,059
59	55	88 477	11 623,807	164 504,943	14,152	13,688
60	56	87 401	11 094,238	152 881,136	13,780	13,316
61	57	86 233	10 575,724	141 786,898	13,407	12,943
62	58	84 965	10 067,853	131 211,175	13,033	12,569
63	59	83 585	9 569,434	121 143,321	12,659	12,195
64	60	82 112	9 082,887	111 573,888	12,284	11,820
65	61	80 515	8 605,020	102 491,001	11,911	11,447
66	62	78 822	8 139,274	93 885,981	11,535	11,071
67	63	77 038	7 686,002	85 746,707	11,156	10,692
68	64	75 141	7 243,231	78 060,705	10,777	10,313
69	65	73 149	6 812,770	70 817,474	10,395	9,931
70	66	71 035	6 392,145	64 004,704	10,013	9,549
71	67	68 842	5 985,336	57 612,559	9,626	9,162
72	68	66 509	5 586,961	51 627,223	9,241	8,777
73	69	64 090	5 201,674	46 040,262	8,851	8,387
74	70	61 528	4 824,898	40 838,588	8,464	8,000
75	71	58 864	4 459,920	36 013,689	8,075	7,611
76	72	56 106	4 107,165	31 553,769	7,683	7,219
77	73	53 220	3 764,164	27 446,604	7,292	6,828
78	74	50 216	3 431,594	23 682,441	6,901	6,437
79	75	47 078	3 108,324	20 250,846	6,515	6,051
80	76	43 842	2 796,806	17 142,523	6,129	5,665
81	77	40 476	2 494,772	14 345,717	5,750	5,286
82	78	36 963	2 201,203	11 850,945	5,384	4,920
83	79	33 337	1 918,111	9 649,742	5,031	4,567
84	80	29 659	1 648,798	7 731,631	4,689	4,225
85	81	25 949	1 393,751	6 082,833	4,364	3,900
86	82	22 241	1 154,204	4 689,082	4,063	3,599
87	83	18 654	935,324	3 534,878	3,779	3,315
88	84	15 272	739,834	2 599,554	3,514	3,050
89	85	12 154	568,866	1 859,720	3,269	2,805
90	86	9 374	423,947	1 290,854	3,045	2,581
91	87	7 003	306,014	866,907	2,833	2,369
92	88	5 049	213,137	560,893	2,632	2,168
93	89	3 464	141,301	347,756	2,461	1,997
94	90	2 281	89,912	206,455	2,296	1,832
95	91	1 420	54,063	116,543	2,156	1,692
96	92	839	30,864	62,480	2,024	1,560
97	93	462	16,418	31,616	1,926	1,462
98	94	242	8,325	15,198	1,826	1,362
99	95	119	3,957	6,873	1,737	1,273
100	96	55	1,761	2,915	1,656	1,192

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5	0	99 579	83 843,031	2 228 884,256	26,584	26,120
6	1	99 270	80 756,190	2 145 041,225	26,562	26,098
7	2	99 236	77 998,867	2 064 285,035	26,466	26,002
8	3	99 215	75 345,372	1 986 286,168	26,362	25,898
9	4	99 197	72 783,728	1 910 940,797	26,255	25,791
10	5	99 179	70 310,088	1 838 157,068	26,144	25,680
11	6	99 163	67 921,019	1 767 846,980	26,028	25,564
12	7	99 146	65 613,289	1 699 925,962	25,908	25,444
13	8	99 135	63 387,173	1 634 312,673	25,783	25,319
14	9	99 118	61 233,506	1 570 925,500	25,655	25,191
15	10	99 099	59 151,163	1 509 691,994	25,523	25,059
16	11	99 077	57 138,403	1 450 540,831	25,386	24,922
17	12	99 045	55 188,256	1 393 402,429	25,248	24,784
18	13	99 010	53 303,151	1 338 214,172	25,106	24,642
19	14	98 963	51 476,045	1 284 911,022	24,961	24,497
20	15	98 914	49 710,947	1 233 434,977	24,812	24,348
21	16	98 860	48 003,318	1 183 724,031	24,659	24,195
22	17	98 805	46 354,395	1 135 720,713	24,501	24,037
23	18	98 747	44 760,441	1 089 366,318	24,338	23,874
24	19	98 687	43 220,575	1 044 605,876	24,169	23,705
25	20	98 623	41 731,884	1 001 385,301	23,996	23,532
26	21	98 561	40 295,553	959 653,417	23,815	23,351
27	22	98 500	38 908,620	919 357,864	23,629	23,165
28	23	98 438	37 569,390	880 449,245	23,435	22,971
29	24	98 373	36 274,798	842 879,855	23,236	22,772
30	25	98 304	35 023,528	806 605,056	23,030	22,566
31	26	98 230	33 813,727	771 581,528	22,819	22,355
32	27	98 151	32 644,003	737 767,800	22,600	22,136
33	28	98 068	31 513,320	705 123,798	22,375	21,911
34	29	97 973	30 418,205	673 610,478	22,145	21,681
35	30	97 872	29 359,354	643 192,273	21,908	21,444
36	31	97 763	28 334,780	613 832,919	21,664	21,200
37	32	97 648	27 344,481	585 498,139	21,412	20,948
38	33	97 519	26 384,858	558 153,658	21,154	20,690
39	34	97 380	25 456,222	531 768,800	20,890	20,426
40	35	97 232	24 558,011	506 312,578	20,617	20,153
41	36	97 071	23 688,412	481 754,567	20,337	19,873
42	37	96 897	22 846,347	458 066,155	20,050	19,586
43	38	96 712	22 031,500	435 219,808	19,754	19,290
44	39	96 505	21 240,876	413 188,308	19,453	18,988
45	40	96 273	20 473,371	391 947,432	19,144	18,680
46	41	96 019	19 728,753	371 474,060	18,829	18,365
47	42	95 739	19 005,979	351 745,307	18,507	18,043
48	43	95 436	18 305,241	332 739,328	18,177	17,713
49	44	95 096	17 623,239	314 434,088	17,842	17,378
50	45	94 722	16 960,215	296 810,848	17,500	17,036
51	46	94 298	16 313,390	279 850,634	17,155	16,691
52	47	93 834	15 684,260	263 537,244	16,803	16,339
53	48	93 318	15 070,447	247 852,984	16,446	15,982
54	49	92 731	14 469,319	232 782,537	16,088	15,624
55	50	92 077	13 881,389	218 313,218	15,727	15,263
56	51	91 363	13 307,962	204 431,829	15,362	14,898
57	52	90 567	12 745,866	191 123,866	14,995	14,531
58	53	89 693	12 196,030	178 378,001	14,626	14,162
59	54	88 733	11 657,482	166 181,971	14,255	13,791
60	55	87 686	11 130,361	154 524,489	13,883	13,419
61	56	86 542	10 613,689	143 394,128	13,510	13,046
62	57	85 299	10 107,516	132 780,439	13,137	12,673
63	58	83 950	9 611,237	122 672,923	12,763	12,299
64	59	82 500	9 125,836	113 061,686	12,389	11,925
65	60	80 942	8 650,660	103 935,849	12,015	11,551
66	61	79 273	8 185,817	95 285,189	11,640	11,176
67	62	77 513	7 733,442	87 099,372	11,263	10,799
68	63	75 651	7 292,447	79 365,930	10,883	10,419
69	64	73 700	6 864,063	72 073,482	10,500	10,036
70	65	71 606	6 443,502	65 209,419	10,120	9,656
71	66	69 451	6 038,244	58 765,917	9,732	9,268
72	67	67 146	5 640,445	52 727,673	9,348	8,884
73	68	64 768	5 256,689	47 087,228	8,958	8,494
74	69	62 247	4 881,300	41 830,539	8,570	8,106
75	70	59 616	4 516,827	36 949,239	8,180	7,716
76	71	56 885	4 164,222	32 432,412	7,788	7,324
77	72	54 020	3 820,763	28 268,190	7,399	6,935
78	73	51 054	3 488,868	24 447,427	7,007	6,543
79	74	47 933	3 164,794	20 958,559	6,622	6,158
80	75	44 702	2 851,647	17 793,766	6,240	5,776
81	76	41 368	2 549,760	14 942,119	5,860	5,396
82	77	37 864	2 254,861	12 392,359	5,496	5,032
83	78	34 278	1 972,245	10 137,498	5,140	4,676
84	79	30 621	1 702,274	8 165,253	4,797	4,333
85	80	26 931	1 446,492	6 462,979	4,468	4,004
86	81	23 232	1 205,654	5 016,487	4,161	3,697
87	82	19 623	983,909	3 810,833	3,873	3,409
88	83	16 190	784,313	2 826,924	3,604	3,140
89	84	13 001	608,519	2 042,611	3,357	2,893
90	85	10 147	458,879	1 434,092	3,125	2,661
91	86	7 672	335,240	975,213	2,909	2,445
92	87	5 609	236,805	639,973	2,703	2,239
93	88	3 911	159,518	403,168	2,527	2,063
94	89	2 621	103,290	243,650	2,359	1,895
95	90	1 665	63,415	140,359	2,213	1,749
96	91	1 008	37,080	76,944	2,075	1,611
97	92	568	20,207	39,864	1,973	1,509
98	93	306	10,524	19,657	1,868	1,404
99	94	155	5,141	9,133	1,777	1,313
100	95	73	2,356	3,993	1,695	1,231

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	80 999,621	2 147 379,695	26,511	26,047
7	1	99 261	78 018,211	2 066 380,074	26,486	26,022
8	2	99 228	75 354,733	1 988 361,863	26,387	25,923
9	3	99 207	72 791,235	1 913 007,130	26,281	25,817
10	4	99 189	70 316,816	1 840 215,895	26,170	25,706
11	5	99 171	67 927,069	1 769 899,079	26,056	25,592
12	6	99 155	65 619,093	1 701 972,009	25,937	25,473
13	7	99 139	63 390,118	1 636 352,916	25,814	25,350
14	8	99 125	61 237,773	1 572 962,798	25,686	25,222
15	9	99 105	59 154,781	1 511 725,025	25,555	25,091
16	10	99 083	57 141,745	1 452 570,244	25,420	24,956
17	11	99 053	55 192,524	1 395 428,498	25,283	24,819
18	12	99 018	53 307,337	1 340 235,974	25,142	24,678
19	13	98 972	51 480,895	1 286 928,638	24,998	24,534
20	14	98 923	49 715,531	1 235 447,743	24,850	24,386
21	15	98 872	48 009,159	1 185 732,212	24,698	24,234
22	16	98 819	46 361,221	1 137 723,053	24,540	24,076
23	17	98 760	44 766,537	1 091 361,832	24,379	23,915
24	18	98 706	43 229,092	1 046 595,295	24,210	23,746
25	19	98 640	41 739,180	1 003 366,203	24,039	23,575
26	20	98 579	40 303,004	961 627,023	23,860	23,396
27	21	98 516	38 915,037	921 324,019	23,675	23,211
28	22	98 454	37 575,508	882 408,982	23,484	23,020
29	23	98 391	36 281,328	844 833,475	23,286	22,822
30	24	98 322	35 029,832	808 552,147	23,082	22,618
31	25	98 249	33 820,161	773 522,315	22,872	22,408
32	26	98 169	32 650,147	739 702,155	22,655	22,191
33	27	98 089	31 520,103	707 052,007	22,432	21,968
34	28	97 996	30 425,374	675 531,905	22,203	21,739
35	29	97 897	29 366,953	645 106,531	21,967	21,503
36	30	97 794	28 343,769	615 739,577	21,724	21,260
37	31	97 679	27 353,070	587 395,809	21,475	21,011
38	32	97 552	26 393,901	560 042,739	21,219	20,755
39	33	97 415	25 465,398	533 648,838	20,956	20,492
40	34	97 271	24 567,986	508 183,439	20,685	20,221
41	35	97 111	23 698,178	483 615,454	20,407	19,943
42	36	96 942	22 856,827	459 917,276	20,122	19,658
43	37	96 758	22 041,963	437 060,448	19,829	19,365
44	38	96 563	21 253,698	415 018,486	19,527	19,063
45	39	96 331	20 485,686	393 764,788	19,221	18,757
46	40	96 085	19 742,290	373 279,102	18,908	18,444
47	41	95 809	19 020,059	353 536,812	18,588	18,124
48	42	95 512	18 319,782	334 516,753	18,260	17,796
49	43	95 183	17 639,257	316 196,971	17,926	17,462
50	44	94 814	16 976,692	298 557,714	17,586	17,122
51	45	94 407	16 332,208	281 581,022	17,241	16,777
52	46	93 949	15 703,379	265 248,814	16,891	16,427
53	47	93 446	15 091,127	249 545,435	16,536	16,072
54	48	92 879	14 492,421	234 454,308	16,178	15,714
55	49	92 238	13 905,697	219 961,887	15,818	15,354
56	50	91 533	13 332,671	206 056,190	15,455	14,991
57	51	90 761	12 773,235	192 723,520	15,088	14,624
58	52	89 903	12 224,550	179 950,285	14,720	14,256
59	53	88 961	11 687,492	167 725,735	14,351	13,887
60	54	87 940	11 162,606	156 038,244	13,979	13,515
61	55	86 824	10 648,247	144 875,637	13,606	13,142
62	56	85 606	10 143,800	134 227,390	13,232	12,768
63	57	84 281	9 649,102	124 083,590	12,860	12,396
64	58	82 861	9 165,702	114 434,489	12,485	12,021
65	59	81 324	8 691,566	105 268,787	12,112	11,648
66	60	79 693	8 229,234	96 577,221	11,736	11,272
67	61	77 957	7 777,665	88 347,987	11,359	10,895
68	62	76 118	7 337,459	80 570,322	10,981	10,517
69	63	74 200	6 910,703	73 232,863	10,597	10,133
70	64	72 145	6 492,015	66 322,160	10,216	9,752
71	65	70 009	6 086,758	59 830,145	9,830	9,366
72	66	67 739	5 690,304	53 743,387	9,445	8,981
73	67	65 388	5 307,011	48 053,083	9,055	8,591
74	68	62 906	4 932,926	42 746,072	8,665	8,201
75	69	60 312	4 569,627	37 813,146	8,275	7,811
76	70	57 611	4 217,356	33 243,519	7,883	7,419
77	71	54 771	3 873,842	29 026,163	7,493	7,029
78	72	51 822	3 541,328	25 152,322	7,103	6,638
79	73	48 733	3 217,615	21 610,994	6,716	6,252
80	74	45 514	2 903,453	18 393,379	6,335	5,871
81	75	42 179	2 599,757	15 489,926	5,958	5,494
82	76	38 699	2 304,561	12 890,169	5,593	5,129
83	77	35 113	2 020,322	10 585,608	5,240	4,776
84	78	31 485	1 750,317	8 565,286	4,894	4,430
85	79	27 804	1 493,406	6 814,970	4,563	4,099
86	80	24 111	1 251,278	5 321,563	4,253	3,789
87	81	20 498	1 027,767	4 070,285	3,960	3,496
88	82	17 031	825,053	3 042,518	3,688	3,224
89	83	13 782	645,104	2 217,465	3,437	2,973
90	84	10 854	490,865	1 572,360	3,203	2,739
91	85	8 305	362,863	1 081,495	2,980	2,516
92	86	6 145	259,421	718,632	2,770	2,306
93	87	4 345	177,231	459,211	2,591	2,127
94	88	2 959	116,607	281,979	2,418	1,954
95	89	1 913	72,851	165,372	2,270	1,806
96	90	1 182	43,494	92,522	2,127	1,663
97	91	683	24,277	49,028	2,020	1,556
98	92	377	12,952	24,751	1,911	1,447
99	93	196	6,499	11,798	1,815	1,351
100	94	95	3,061	5,300	1,732	1,268

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 560	78 253,389	2 068 538,699	26,434	25,970
8	1	99 252	75 373,421	1 990 285,310	26,406	25,942
9	2	99 219	72 800,279	1 914 911,889	26,304	25,840
10	3	99 199	70 324,069	1 842 111,611	26,195	25,731
11	4	99 181	67 933,570	1 771 787,542	26,081	25,617
12	5	99 164	65 624,939	1 703 853,972	25,964	25,499
13	6	99 148	63 395,726	1 638 229,033	25,841	25,377
14	7	99 130	61 240,618	1 574 833,307	25,716	25,251
15	8	99 112	59 158,904	1 513 592,689	25,585	25,121
16	9	99 089	57 145,241	1 454 433,785	25,452	24,988
17	10	99 058	55 195,753	1 397 288,544	25,315	24,851
18	11	99 025	53 311,459	1 342 092,791	25,175	24,711
19	12	98 980	51 484,938	1 288 781,332	25,032	24,568
20	13	98 933	49 720,215	1 237 296,395	24,885	24,421
21	14	98 881	48 013,586	1 187 576,180	24,734	24,270
22	15	98 832	46 366,863	1 139 562,594	24,577	24,113
23	16	98 775	44 773,130	1 093 195,731	24,416	23,952
24	17	98 720	43 234,979	1 048 422,601	24,249	23,785
25	18	98 659	41 747,405	1 005 187,622	24,078	23,614
26	19	98 597	40 310,050	963 440,217	23,901	23,437
27	20	98 534	38 922,232	923 130,167	23,717	23,253
28	21	98 471	37 581,705	884 207,935	23,528	23,064
29	22	98 407	36 287,236	846 626,230	23,331	22,867
30	23	98 339	35 036,137	810 338,995	23,129	22,665
31	24	98 266	33 826,247	775 302,858	22,920	22,456
32	25	98 188	32 656,359	741 476,611	22,705	22,241
33	26	98 107	31 526,036	708 820,251	22,484	22,020
34	27	98 017	30 431,923	677 294,216	22,256	21,792
35	28	97 920	29 373,875	646 862,293	22,022	21,558
36	29	97 819	28 351,105	617 488,418	21,780	21,316
37	30	97 709	27 361,747	589 137,313	21,531	21,067
38	31	97 583	26 402,192	561 775,566	21,278	20,814
39	32	97 448	25 474,127	535 373,374	21,016	20,552
40	33	97 306	24 576,841	509 899,248	20,747	20,283
41	34	97 151	23 707,804	485 322,406	20,471	20,007
42	35	96 982	22 866,251	461 614,603	20,188	19,724
43	36	96 802	22 052,073	438 748,352	19,896	19,432
44	37	96 609	21 263,791	416 696,279	19,597	19,132
45	38	96 389	20 498,052	395 432,488	19,291	18,827
46	39	96 142	19 754,165	374 934,436	18,980	18,516
47	40	95 875	19 033,110	355 180,271	18,661	18,197
48	41	95 583	18 333,354	336 147,161	18,335	17,871
49	42	95 258	17 653,269	317 813,807	18,003	17,539
50	43	94 900	16 992,122	300 160,538	17,665	17,201
51	44	94 498	16 348,075	283 168,416	17,321	16,857
52	45	94 057	15 721,494	266 820,341	16,972	16,508
53	46	93 560	15 109,523	251 098,847	16,619	16,155
54	47	93 007	14 512,307	235 989,324	16,261	15,797
55	48	92 386	13 927,899	221 477,017	15,902	15,438
56	49	91 693	13 356,018	207 549,118	15,540	15,076
57	50	90 930	12 796,950	194 193,100	15,175	14,711
58	51	90 096	12 250,799	181 396,150	14,807	14,343
59	52	89 169	11 714,822	169 145,351	14,439	13,975
60	53	88 166	11 191,342	157 430,529	14,067	13,603
61	54	87 075	10 679,096	146 239,187	13,694	13,230
62	55	85 884	10 176,829	135 560,092	13,320	12,856
63	56	84 583	9 683,740	125 383,263	12,948	12,484
64	57	83 187	9 201,811	115 699,523	12,574	12,110
65	58	81 680	8 729,534	106 497,712	12,200	11,736
66	59	80 070	8 268,147	97 768,178	11,825	11,361
67	60	78 370	7 818,917	89 500,031	11,447	10,983
68	61	76 554	7 379,417	81 681,113	11,069	10,605
69	62	74 658	6 953,358	74 301,696	10,686	10,222
70	63	72 635	6 536,127	67 348,339	10,304	9,840
71	64	70 536	6 132,585	60 812,212	9,916	9,452
72	65	68 284	5 736,023	54 679,627	9,533	9,069
73	66	65 966	5 353,923	48 943,604	9,142	8,678
74	67	63 508	4 980,149	43 589,682	8,753	8,289
75	68	60 950	4 617,957	38 609,532	8,361	7,897
76	69	58 285	4 266,655	33 991,576	7,967	7,503
77	70	55 470	3 923,270	29 724,920	7,577	7,113
78	71	52 542	3 590,524	25 801,650	7,186	6,722
79	72	49 466	3 265,996	22 211,126	6,801	6,337
80	73	46 273	2 951,913	18 945,130	6,418	5,954
81	74	42 946	2 646,988	15 993,218	6,042	5,578
82	75	39 458	2 349,750	13 346,230	5,680	5,216
83	76	35 887	2 064,852	10 996,481	5,326	4,862
84	77	32 253	1 792,984	8 931,628	4,981	4,517
85	78	28 589	1 535,554	7 138,645	4,649	4,185
86	79	24 893	1 291,861	5 603,090	4,337	3,873
87	80	21 273	1 066,659	4 311,230	4,042	3,578
88	81	17 790	861,831	3 244,570	3,765	3,301
89	82	14 498	678,613	2 382,739	3,511	3,047
90	83	11 507	520,376	1 704,126	3,275	2,811
91	84	8 883	388,157	1 183,749	3,050	2,586
92	85	6 651	280,797	795,593	2,833	2,369
93	86	4 760	194,158	514,796	2,651	2,187
94	87	3 287	129,555	320,638	2,475	2,011
95	88	2 160	82,243	191,082	2,323	1,859
96	89	1 358	49,966	108,839	2,178	1,714
97	90	801	28,476	58,874	2,067	1,603
98	91	453	15,561	30,397	1,953	1,489
99	92	241	7,998	14,836	1,855	1,391
100	93	121	3,869	6,838	1,767	1,303

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 552	75 600,627	1 992 277,473	26,353	25,889
9	1	99 244	72 818,333	1 916 676,846	26,321	25,857
10	2	99 211	70 332,806	1 843 858,513	26,216	25,752
11	3	99 191	67 940,576	1 773 525,707	26,104	25,640
12	4	99 173	65 631,219	1 705 585,131	25,987	25,523
13	5	99 157	63 401,374	1 639 953,911	25,866	25,402
14	6	99 139	61 246,036	1 576 552,538	25,741	25,277
15	7	99 116	59 161,652	1 515 306,502	25,613	25,149
16	8	99 096	57 149,223	1 456 144,850	25,480	25,016
17	9	99 065	55 199,130	1 398 995,626	25,345	24,880
18	10	99 031	53 314,578	1 343 796,497	25,205	24,741
19	11	98 988	51 488,919	1 290 481,919	25,063	24,599
20	12	98 940	49 724,120	1 238 993,000	24,917	24,453
21	13	98 890	48 018,110	1 189 268,881	24,767	24,303
22	14	98 841	46 371,138	1 141 250,770	24,611	24,147
23	15	98 787	44 778,578	1 094 879,632	24,451	23,987
24	16	98 734	43 241,346	1 050 101,054	24,285	23,821
25	17	98 673	41 753,090	1 006 859,708	24,115	23,651
26	18	98 616	40 317,993	965 106,618	23,937	23,473
27	19	98 551	38 929,037	924 788,625	23,756	23,292
28	20	98 489	37 588,654	885 859,588	23,567	23,103
29	21	98 423	36 293,220	848 270,934	23,373	22,909
30	22	98 355	35 041,842	811 977,714	23,172	22,708
31	23	98 284	33 832,336	776 935,872	22,964	22,500
32	24	98 206	32 662,236	743 103,536	22,751	22,287
33	25	98 126	31 532,034	710 441,299	22,531	22,067
34	26	98 035	30 437,651	678 909,266	22,305	21,841
35	27	97 942	29 380,197	648 471,615	22,072	21,608
36	28	97 842	28 357,787	619 091,417	21,831	21,367
37	29	97 735	27 368,829	590 733,630	21,584	21,120
38	30	97 614	26 410,567	563 364,801	21,331	20,867
39	31	97 479	25 482,128	536 954,234	21,072	20,608
40	32	97 339	24 585,265	511 472,106	20,804	20,340
41	33	97 186	23 716,349	486 886,841	20,530	20,066
42	34	97 021	22 875,538	463 170,492	20,247	19,783
43	35	96 842	22 061,165	440 294,953	19,958	19,494
44	36	96 653	21 273,545	418 233,788	19,660	19,196
45	37	96 435	20 507,786	396 960,243	19,357	18,893
46	38	96 200	19 766,089	376 452,457	19,045	18,581
47	39	95 933	19 044,558	356 686,368	18,729	18,265
48	40	95 648	18 345,933	337 641,810	18,404	17,940
49	41	95 329	17 666,347	319 295,876	18,074	17,610
50	42	94 975	17 005,620	301 629,529	17,737	17,273
51	43	94 584	16 362,934	284 623,909	17,394	16,930
52	44	94 149	15 736,768	268 260,975	17,047	16,583
53	45	93 668	15 126,953	252 524,207	16,694	16,230
54	46	93 120	14 529,997	237 397,255	16,338	15,874
55	47	92 512	13 947,010	222 867,257	15,980	15,516
56	48	91 839	13 377,342	208 920,247	15,617	15,153
57	49	91 089	12 819,359	195 542,905	15,254	14,790
58	50	90 263	12 273,545	182 723,546	14,888	14,424
59	51	89 361	11 739,977	170 450,001	14,519	14,055
60	52	88 373	11 217,512	158 710,024	14,148	13,684
61	53	87 300	10 706,587	147 492,512	13,776	13,312
62	54	86 133	10 206,312	136 785,925	13,402	12,938
63	55	84 859	9 715,270	126 579,614	13,029	12,565
64	56	83 486	9 234,843	116 864,343	12,655	12,191
65	57	82 001	8 763,925	107 629,500	12,281	11,817
66	58	80 420	8 304,266	98 865,575	11,905	11,441
67	59	78 741	7 855,890	90 561,309	11,528	11,064
68	60	76 960	7 418,557	82 705,419	11,148	10,684
69	61	75 085	6 993,120	75 286,862	10,766	10,302
70	62	73 083	6 576,470	68 293,742	10,385	9,921
71	63	71 015	6 174,254	61 717,272	9,996	9,532
72	64	68 798	5 779,209	55 543,018	9,611	9,147
73	65	66 496	5 396,939	49 763,809	9,221	8,757
74	66	64 069	5 024,172	44 366,871	8,831	8,367
75	67	61 534	4 662,165	39 342,699	8,439	7,975
76	68	58 901	4 311,781	34 680,534	8,043	7,579
77	69	56 118	3 969,132	30 368,754	7,651	7,187
78	70	53 212	3 636,338	26 399,622	7,260	6,796
79	71	50 153	3 311,367	22 763,284	6,874	6,410
80	72	46 969	2 996,298	19 451,917	6,492	6,028
81	73	43 663	2 691,166	16 455,618	6,115	5,651
82	74	40 174	2 392,438	13 764,452	5,753	5,289
83	75	36 591	2 105,341	11 372,014	5,402	4,937
84	76	32 964	1 832,503	9 266,673	5,057	4,593
85	77	29 286	1 572,986	7 434,170	4,726	4,262
86	78	25 596	1 328,321	5 861,184	4,412	3,948
87	79	21 963	1 101,255	4 532,863	4,116	3,652
88	80	18 463	894,444	3 431,608	3,837	3,373
89	81	15 144	708,863	2 537,165	3,579	3,115
90	82	12 104	547,407	1 828,301	3,340	2,876
91	83	9 417	411,493	1 280,895	3,113	2,649
92	84	7 115	300,370	869,402	2,894	2,430
93	85	5 152	210,156	569,032	2,708	2,244
94	86	3 601	141,929	358,876	2,529	2,065
95	87	2 400	91,375	216,947	2,374	1,910
96	88	1 533	56,408	125,571	2,226	1,762
97	89	920	32,713	69,163	2,114	1,650
98	90	531	18,253	36,450	1,997	1,533
99	91	290	9,609	18,198	1,894	1,430
100	92	149	4,762	8,588	1,803	1,339

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9	0	99 543	73 037,837	1 918 515,240	26,267	25,803
10	1	99 236	70 350,248	1 845 477,403	26,233	25,769
11	2	99 204	67 949,017	1 775 127,154	26,124	25,660
12	3	99 184	65 637,988	1 707 178,137	26,009	25,545
13	4	99 166	63 407,441	1 641 540,148	25,889	25,425
14	5	99 147	61 251,492	1 578 132,707	25,765	25,301
15	6	99 125	59 166,886	1 516 881,215	25,637	25,173
16	7	99 101	57 151,878	1 457 714,329	25,506	25,042
17	8	99 071	55 202,976	1 400 562,451	25,371	24,907
18	9	99 037	53 317,839	1 345 359,474	25,233	24,769
19	10	98 993	51 491,931	1 292 041,635	25,092	24,628
20	11	98 948	49 727,965	1 240 549,704	24,947	24,483
21	12	98 898	48 021,881	1 190 821,739	24,797	24,333
22	13	98 850	46 375,508	1 142 799,858	24,642	24,178
23	14	98 796	44 782,707	1 096 424,351	24,483	24,019
24	15	98 746	43 246,608	1 051 641,644	24,317	23,853
25	16	98 687	41 759,239	1 008 395,036	24,148	23,684
26	17	98 630	40 323,484	966 635,797	23,972	23,508
27	18	98 571	38 936,708	926 312,313	23,790	23,326
28	19	98 506	37 595,225	887 375,605	23,603	23,139
29	20	98 441	36 299,931	849 780,380	23,410	22,946
30	21	98 371	35 047,621	813 480,448	23,211	22,747
31	22	98 300	33 837,845	778 432,827	23,005	22,541
32	23	98 223	32 668,116	744 594,982	22,793	22,329
33	24	98 144	31 537,709	711 926,867	22,574	22,110
34	25	98 054	30 443,442	680 389,158	22,349	21,885
35	26	97 960	29 385,727	649 945,716	22,118	21,654
36	27	97 863	28 363,891	620 559,988	21,879	21,414
37	28	97 758	27 375,280	592 196,098	21,633	21,168
38	29	97 639	26 417,403	564 820,818	21,381	20,917
39	30	97 510	25 490,212	538 403,415	21,122	20,658
40	31	97 370	24 592,987	512 913,203	20,856	20,392
41	32	97 219	23 724,478	488 320,216	20,583	20,119
42	33	97 056	22 883,784	464 595,738	20,302	19,838
43	34	96 881	22 070,126	441 711,954	20,014	19,550
44	35	96 693	21 282,316	419 641,828	19,718	19,254
45	36	96 479	20 517,193	398 359,512	19,416	18,952
46	37	96 246	19 775,476	377 842,319	19,107	18,643
47	38	95 991	19 056,054	358 066,843	18,790	18,326
48	39	95 706	18 356,969	339 010,789	18,468	18,004
49	40	95 394	17 678,469	320 653,821	18,138	17,674
50	41	95 046	17 018,218	302 975,352	17,803	17,339
51	42	94 659	16 375,932	285 957,133	17,462	16,998
52	43	94 234	15 751,071	269 581,201	17,115	16,651
53	44	93 759	15 141,649	253 830,130	16,764	16,300
54	45	93 228	14 546,759	238 688,481	16,408	15,944
55	46	92 625	13 964,012	224 141,723	16,051	15,587
56	47	91 966	13 395,698	210 177,711	15,690	15,226
57	48	91 235	12 839,827	196 782,013	15,326	14,862
58	49	90 421	12 295,037	183 942,186	14,961	14,497
59	50	89 527	11 761,774	171 647,149	14,594	14,130
60	51	88 562	11 241,599	159 885,375	14,223	13,759
61	52	87 504	10 731,623	148 643,776	13,851	13,387
62	53	86 355	10 232,586	137 912,153	13,478	13,014
63	54	85 105	9 743,416	127 679,567	13,104	12,640
64	55	83 757	9 264,912	117 936,151	12,729	12,265
65	56	82 296	8 795,386	108 671,239	12,355	11,891
66	57	80 737	8 336,981	99 875,853	11,980	11,516
67	58	79 085	7 890,208	91 538,872	11,602	11,138
68	59	77 324	7 453,637	83 648,664	11,223	10,759
69	60	75 484	7 030,211	76 195,027	10,838	10,374
70	61	73 501	6 614,077	69 164,816	10,457	9,993
71	62	71 453	6 212,363	62 550,740	10,069	9,605
72	63	69 265	5 818,477	56 338,376	9,683	9,219
73	64	66 996	5 437,572	50 519,899	9,291	8,827
74	65	64 584	5 064,538	45 082,327	8,902	8,438
75	66	62 078	4 703,376	40 017,789	8,508	8,044
76	67	59 465	4 353,057	35 314,413	8,113	7,649
77	68	56 712	4 011,111	30 961,356	7,719	7,255
78	69	53 834	3 678,845	26 950,245	7,326	6,862
79	70	50 793	3 353,619	23 271,399	6,939	6,475
80	71	47 622	3 037,923	19 917,780	6,556	6,092
81	72	44 319	2 731,632	16 879,857	6,179	5,715
82	73	40 845	2 432,368	14 148,225	5,817	5,353
83	74	37 256	2 143,589	11 715,857	5,466	5,002
84	75	33 610	1 868,436	9 572,268	5,123	4,659
85	76	29 931	1 607,656	7 703,832	4,792	4,328
86	77	26 220	1 360,701	6 096,176	4,480	4,016
87	78	22 583	1 132,335	4 735,475	4,182	3,718
88	79	19 062	923,454	3 603,140	3,902	3,438
89	80	15 718	735,688	2 679,686	3,642	3,178
90	81	12 644	571,808	1 943,999	3,400	2,936
91	82	9 907	432,867	1 372,191	3,170	2,706
92	83	7 543	318,428	939,323	2,950	2,486
93	84	5 511	224,805	620,895	2,762	2,298
94	85	3 898	153,623	396,090	2,578	2,114
95	86	2 629	100,102	242,466	2,422	1,958
96	87	1 704	62,671	142,364	2,272	1,808
97	88	1 039	36,931	79,692	2,158	1,694
98	89	611	20,969	42,762	2,039	1,575
99	90	340	11,272	21,793	1,933	1,469
100	91	178	5,721	10,521	1,839	1,375

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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10	0	99 535	70 562,312	1 847 173,971	26,178	25,714
11	1	99 228	67 965,869	1 776 611,659	26,140	25,676
12	2	99 196	65 646,143	1 708 645,790	26,028	25,564
13	3	99 177	63 413,981	1 642 999,647	25,909	25,445
14	4	99 157	61 257,354	1 579 585,666	25,786	25,322
15	5	99 134	59 172,157	1 518 328,312	25,660	25,195
16	6	99 109	57 156,935	1 459 156,155	25,529	25,065
17	7	99 076	55 205,541	1 401 999,221	25,396	24,932
18	8	99 044	53 321,555	1 346 793,680	25,258	24,794
19	9	98 999	51 495,081	1 293 472,125	25,118	24,654
20	10	98 954	49 730,874	1 241 977,044	24,974	24,510
21	11	98 905	48 025,595	1 192 246,170	24,825	24,361
22	12	98 858	46 379,150	1 144 220,575	24,671	24,207
23	13	98 805	44 786,926	1 097 841,426	24,513	24,049
24	14	98 755	43 250,596	1 053 054,499	24,348	23,884
25	15	98 699	41 764,320	1 009 803,904	24,179	23,715
26	16	98 644	40 329,422	968 039,583	24,003	23,539
27	17	98 584	38 942,010	927 710,161	23,823	23,359
28	18	98 525	37 602,634	888 768,151	23,636	23,172
29	19	98 458	36 306,277	851 165,517	23,444	22,980
30	20	98 390	35 054,102	814 859,239	23,246	22,782
31	21	98 316	33 843,426	779 805,137	23,042	22,578
32	22	98 239	32 673,435	745 961,712	22,831	22,367
33	23	98 161	31 543,385	713 288,277	22,613	22,149
34	24	98 072	30 448,921	681 744,891	22,390	21,926
35	25	97 979	29 391,318	651 295,970	22,159	21,695
36	26	97 881	28 369,230	621 904,652	21,922	21,458
37	27	97 779	27 381,172	593 535,422	21,677	21,213
38	28	97 662	26 423,630	566 154,250	21,426	20,962
39	29	97 535	25 496,810	539 730,621	21,169	20,705
40	30	97 401	24 600,789	514 233,811	20,903	20,439
41	31	97 250	23 731,930	489 633,022	20,632	20,168
42	32	97 089	22 891,627	465 901,093	20,352	19,888
43	33	96 916	22 078,081	443 009,465	20,066	19,602
44	34	96 732	21 290,960	420 931,384	19,770	19,306
45	35	96 519	20 525,652	399 640,424	19,470	19,006
46	36	96 290	19 784,547	379 114,772	19,162	18,698
47	37	96 036	19 065,103	359 330,225	18,848	18,384
48	38	95 763	18 368,049	340 265,121	18,525	18,061
49	39	95 452	17 689,103	321 897,072	18,197	17,733
50	40	95 111	17 029,896	304 207,969	17,863	17,399
51	41	94 730	16 388,064	287 178,074	17,524	17,060
52	42	94 309	15 763,583	270 790,010	17,178	16,714
53	43	93 844	15 155,411	255 026,427	16,827	16,363
54	44	93 318	14 560,891	239 871,016	16,474	16,010
55	45	92 732	13 980,120	225 310,125	16,116	15,652
56	46	92 078	13 412,028	211 330,004	15,757	15,293
57	47	91 360	12 857,445	197 917,977	15,393	14,929
58	48	90 566	12 314,667	185 060,532	15,028	14,564
59	49	89 684	11 782,370	172 745,864	14,661	14,197
60	50	88 727	11 262,471	160 963,494	14,292	13,828
61	51	87 692	10 754,667	149 701,023	13,920	13,456
62	52	86 557	10 256,514	138 946,356	13,547	13,083
63	53	85 324	9 768,498	128 689,842	13,174	12,710
64	54	84 000	9 291,753	118 921,344	12,799	12,335
65	55	82 564	8 824,024	109 629,591	12,424	11,960
66	56	81 027	8 366,909	100 805,567	12,048	11,584
67	57	79 396	7 921,292	92 438,657	11,670	11,206
68	58	77 661	7 486,197	84 517,365	11,290	10,826
69	59	75 841	7 063,454	77 031,168	10,906	10,442
70	60	73 891	6 649,157	69 967,714	10,523	10,059
71	61	71 862	6 247,888	63 318,557	10,134	9,670
72	62	69 693	5 854,391	57 070,669	9,748	9,284
73	63	67 451	5 474,519	51 216,278	9,355	8,891
74	64	65 070	5 102,669	45 741,759	8,964	8,500
75	65	62 577	4 741,165	40 639,091	8,572	8,108
76	66	59 991	4 391,537	35 897,925	8,174	7,710
77	67	57 254	4 049,509	31 506,389	7,780	7,316
78	68	54 404	3 717,754	27 456,880	7,385	6,921
79	69	51 386	3 392,822	23 739,125	6,997	6,533
80	70	48 229	3 076,686	20 346,304	6,613	6,149
81	71	44 935	2 769,580	17 269,618	6,235	5,771
82	72	41 459	2 468,942	14 500,038	5,873	5,409
83	73	37 877	2 179,366	12 031,096	5,520	5,056
84	74	34 221	1 902,380	9 851,730	5,179	4,715
85	75	30 518	1 639,180	7 949,350	4,850	4,386
86	76	26 798	1 390,692	6 310,169	4,537	4,073
87	77	23 134	1 159,938	4 919,477	4,241	3,777
88	78	19 600	949,516	3 759,540	3,959	3,495
89	79	16 227	759,548	2 810,024	3,700	3,236
90	80	13 122	593,446	2 050,475	3,455	2,991
91	81	10 348	452,163	1 457,029	3,222	2,758
92	82	7 934	334,969	1 004,866	3,000	2,536
93	83	5 843	238,321	669,898	2,811	2,347
94	84	4 170	164,332	431,577	2,626	2,162
95	85	2 846	108,351	267,245	2,466	2,002
96	86	1 866	68,657	158,895	2,314	1,850
97	87	1 154	41,032	90,238	2,199	1,735
98	88	689	23,672	49,206	2,079	1,615
99	89	390	12,949	25,534	1,972	1,508
100	90	209	6,711	12,585	1,875	1,411

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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11	0	99 527	68 170,745	1 778 177,565	26,084	25,620
12	1	99 220	65 662,424	1 710 006,819	26,042	25,578
13	2	99 189	63 421,859	1 644 344,396	25,927	25,463
14	3	99 167	61 263,672	1 580 922,536	25,805	25,341
15	4	99 143	59 177,820	1 519 658,865	25,680	25,216
16	5	99 118	57 162,027	1 460 481,045	25,550	25,086
17	6	99 085	55 210,425	1 403 319,019	25,418	24,954
18	7	99 049	53 324,032	1 348 108,594	25,281	24,817
19	8	99 006	51 498,670	1 294 784,562	25,142	24,678
20	9	98 960	49 733,916	1 243 285,892	24,999	24,535
21	10	98 911	48 028,404	1 193 551,976	24,851	24,387
22	11	98 865	46 382,736	1 145 523,572	24,697	24,233
23	12	98 813	44 790,444	1 099 140,835	24,540	24,076
24	13	98 765	43 254,671	1 054 350,392	24,375	23,911
25	14	98 708	41 768,172	1 011 095,721	24,207	23,743
26	15	98 656	40 334,330	969 327,549	24,032	23,568
27	16	98 599	38 947,745	928 993,220	23,852	23,388
28	17	98 539	37 607,754	890 045,474	23,667	23,203
29	18	98 478	36 313,432	852 437,720	23,474	23,010
30	19	98 407	35 060,230	816 124,288	23,278	22,814
31	20	98 334	33 849,684	781 064,058	23,074	22,610
32	21	98 256	32 678,824	747 214,374	22,865	22,401
33	22	98 177	31 548,522	714 535,550	22,649	22,185
34	23	98 089	30 454,402	682 987,029	22,427	21,963
35	24	97 996	29 396,608	652 532,627	22,198	21,734
36	25	97 900	28 374,627	623 136,019	21,961	21,497
37	26	97 797	27 386,326	594 761,392	21,717	21,253
38	27	97 683	26 429,317	567 375,066	21,468	21,004
39	28	97 558	25 502,819	540 945,749	21,211	20,747
40	29	97 426	24 607,156	515 442,930	20,947	20,483
41	30	97 280	23 739,458	490 835,774	20,676	20,212
42	31	97 120	22 898,818	467 096,316	20,398	19,934
43	32	96 949	22 085,648	444 197,498	20,112	19,648
44	33	96 767	21 298,634	422 111,849	19,819	19,355
45	34	96 558	20 533,989	400 813,215	19,520	19,055
46	35	96 330	19 792,704	380 279,226	19,213	18,749
47	36	96 080	19 073,849	360 486,522	18,900	18,435
48	37	95 809	18 376,772	341 412,673	18,578	18,114
49	38	95 509	17 699,780	323 035,901	18,251	17,787
50	39	95 168	17 040,139	305 336,121	17,919	17,455
51	40	94 795	16 399,309	288 295,982	17,580	17,116
52	41	94 379	15 775,261	271 896,673	17,236	16,772
53	42	93 918	15 167,450	256 121,412	16,886	16,422
54	43	93 403	14 574,125	240 953,962	16,533	16,069
55	44	92 822	13 993,702	226 379,836	16,177	15,713
56	45	92 184	13 427,499	212 386,134	15,817	15,353
57	46	91 471	12 873,118	198 958,635	15,455	14,991
58	47	90 690	12 331,565	186 085,517	15,090	14,626
59	48	89 827	11 801,182	173 753,951	14,723	14,259
60	49	88 882	11 282,193	161 952,769	14,355	13,891
61	50	87 854	10 774,635	150 670,576	13,984	13,520
62	51	86 743	10 278,537	139 895,941	13,610	13,146
63	52	85 523	9 791,341	129 617,404	13,238	12,774
64	53	84 216	9 315,673	119 826,063	12,863	12,399
65	54	82 803	8 849,587	110 510,390	12,488	12,024
66	55	81 291	8 394,152	101 660,802	12,111	11,647
67	56	79 681	7 949,728	93 266,650	11,732	11,268
68	57	77 967	7 515,690	85 316,922	11,352	10,888
69	58	76 172	7 094,310	77 801,233	10,967	10,503
70	59	74 240	6 680,598	70 706,922	10,584	10,120
71	60	72 243	6 281,027	64 026,324	10,194	9,730
72	61	70 091	5 887,869	57 745,297	9,808	9,343
73	62	67 868	5 508,309	51 857,429	9,414	8,950
74	63	65 513	5 137,340	46 349,120	9,022	8,558
75	64	63 048	4 776,861	41 211,779	8,627	8,163
76	65	60 473	4 426,820	36 434,918	8,230	7,766
77	66	57 761	4 085,305	32 008,098	7,835	7,371
78	67	54 924	3 753,344	27 922,793	7,439	6,975
79	68	51 930	3 428,705	24 169,449	7,049	6,585
80	69	48 793	3 112,651	20 740,744	6,663	6,199
81	70	45 508	2 804,918	17 628,092	6,285	5,821
82	71	42 035	2 503,241	14 823,174	5,922	5,458
83	72	38 447	2 212,136	12 319,933	5,569	5,105
84	73	34 792	1 934,131	10 107,797	5,226	4,762
85	74	31 072	1 668,960	8 173,666	4,897	4,433
86	75	27 323	1 417,962	6 504,706	4,587	4,123
87	76	23 644	1 185,504	5 086,744	4,291	3,827
88	77	20 078	972,662	3 901,240	4,011	3,547
89	78	16 685	780,985	2 928,578	3,750	3,286
90	79	13 548	612,693	2 147,593	3,505	3,041
91	80	10 740	469,273	1 534,900	3,271	2,807
92	81	8 288	349,901	1 065,627	3,046	2,581
93	82	6 146	250,700	715,726	2,855	2,391
94	83	4 420	174,212	465,026	2,669	2,205
95	84	3 044	115,903	290,815	2,509	2,045
96	85	2 020	74,314	174,912	2,354	1,890
97	86	1 265	44,951	100,598	2,238	1,774
98	87	766	26,301	55,647	2,116	1,652
99	88	441	14,618	29,346	2,008	1,544
100	89	240	7,709	14,728	1,910	1,446

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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12	0	99 520	65 860,357	1 711 452,431	25,986	25,522
13	1	99 214	63 437,588	1 645 592,074	25,940	25,476
14	2	99 179	61 271,283	1 582 154,486	25,822	25,358
15	3	99 154	59 183,923	1 520 883,203	25,698	25,234
16	4	99 128	57 167,497	1 461 699,280	25,569	25,105
17	5	99 094	55 215,343	1 404 531,784	25,437	24,973
18	6	99 058	53 328,749	1 349 316,440	25,302	24,838
19	7	99 011	51 501,062	1 295 987,691	25,164	24,700
20	8	98 967	49 737,382	1 244 486,628	25,021	24,557
21	9	98 917	48 031,342	1 194 749,246	24,874	24,410
22	10	98 871	46 385,450	1 146 717,904	24,722	24,257
23	11	98 820	44 793,907	1 100 332,454	24,564	24,100
24	12	98 772	43 258,068	1 055 538,547	24,401	23,937
25	13	98 718	41 772,107	1 012 280,479	24,233	23,769
26	14	98 665	40 338,049	970 508,372	24,059	23,595
27	15	98 611	38 952,485	930 170,323	23,880	23,416
28	16	98 553	37 613,293	891 217,839	23,694	23,230
29	17	98 491	36 318,377	853 604,546	23,503	23,039
30	18	98 426	35 067,139	817 286,169	23,306	22,842
31	19	98 352	33 855,602	782 219,030	23,105	22,641
32	20	98 274	32 684,866	748 363,428	22,896	22,432
33	21	98 193	31 553,725	715 678,562	22,681	22,217
34	22	98 105	30 459,361	684 124,837	22,460	21,996
35	23	98 014	29 401,899	653 665,476	22,232	21,768
36	24	97 918	28 379,734	624 263,577	21,997	21,533
37	25	97 816	27 391,536	595 883,843	21,754	21,290
38	26	97 701	26 434,292	568 492,307	21,506	21,042
39	27	97 579	25 508,308	542 058,015	21,250	20,786
40	28	97 449	24 612,956	516 549,707	20,987	20,523
41	29	97 306	23 745,603	491 936,751	20,717	20,253
42	30	97 151	22 906,082	468 191,148	20,440	19,976
43	31	96 980	22 092,586	445 285,066	20,155	19,691
44	32	96 800	21 305,935	423 192,481	19,863	19,399
45	33	96 593	20 541,391	401 886,546	19,565	19,101
46	34	96 369	19 800,743	381 345,155	19,259	18,795
47	35	96 120	19 081,713	361 544,412	18,947	18,483
48	36	95 853	18 385,201	342 462,699	18,627	18,163
49	37	95 555	17 708,186	324 077,498	18,301	17,837
50	38	95 225	17 050,425	306 369,312	17,968	17,504
51	39	94 852	16 409,173	289 318,887	17,632	17,168
52	40	94 444	15 786,086	272 909,714	17,288	16,824
53	41	93 988	15 178,686	257 123,629	16,940	16,476
54	42	93 477	14 585,703	241 944,942	16,588	16,124
55	43	92 907	14 006,421	227 359,239	16,233	15,768
56	44	92 273	13 440,544	213 352,818	15,874	15,410
57	45	91 577	12 887,968	199 912,274	15,512	15,048
58	46	90 800	12 346,598	187 024,306	15,148	14,684
59	47	89 950	11 817,375	174 677,708	14,781	14,317
60	48	89 024	11 300,206	162 860,333	14,412	13,948
61	49	88 008	10 793,503	151 560,127	14,042	13,578
62	50	86 904	10 297,621	140 766,624	13,670	13,206
63	51	85 707	9 812,366	130 469,003	13,296	12,832
64	52	84 413	9 337,457	120 656,637	12,922	12,458
65	53	83 016	8 872,369	111 319,180	12,547	12,083
66	54	81 526	8 418,471	102 446,811	12,169	11,705
67	55	79 941	7 975,612	94 028,341	11,789	11,325
68	56	78 247	7 542,669	86 052,728	11,409	10,945
69	57	76 472	7 122,259	78 510,059	11,023	10,559
70	58	74 565	6 709,782	71 387,800	10,639	10,175
71	59	72 585	6 310,727	64 678,018	10,249	9,785
72	60	70 463	5 919,098	58 367,291	9,861	9,397
73	61	68 256	5 539,808	52 448,193	9,468	9,003
74	62	65 917	5 169,049	46 908,386	9,075	8,611
75	63	63 476	4 809,319	41 739,336	8,679	8,215
76	64	60 928	4 460,150	36 930,017	8,280	7,816
77	65	58 225	4 118,128	32 469,868	7,885	7,421
78	66	55 410	3 786,522	28 351,740	7,488	7,024
79	67	52 427	3 461,528	24 565,218	7,097	6,633
80	68	49 309	3 145,572	21 103,689	6,709	6,245
81	69	46 040	2 837,707	17 958,117	6,328	5,864
82	70	42 571	2 535,181	15 120,410	5,964	5,500
83	71	38 981	2 242,867	12 585,229	5,611	5,147
84	72	35 315	1 963,214	10 342,362	5,268	4,804
85	73	31 591	1 696,815	8 379,149	4,938	4,474
86	74	27 820	1 443,722	6 682,334	4,629	4,165
87	75	24 107	1 208,750	5 238,612	4,334	3,870
88	76	20 520	994,101	4 029,862	4,054	3,590
89	77	17 092	800,023	3 035,761	3,795	3,331
90	78	13 930	629,985	2 235,738	3,549	3,085
91	79	11 088	484,493	1 605,753	3,314	2,850
92	80	8 602	363,141	1 121,260	3,088	2,624
93	81	6 420	261,875	758,118	2,895	2,431
94	82	4 650	183,261	496,243	2,708	2,244
95	83	3 227	122,871	312,982	2,547	2,083
96	84	2 161	79,494	190,111	2,392	1,927
97	85	1 369	48,654	110,617	2,274	1,810
98	86	839	28,812	61,963	2,151	1,687
99	87	489	16,241	33,150	2,041	1,577
100	88	271	8,703	16,909	1,943	1,479

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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13	0	99 513	63 628,814	1 646 926,981	25,883	25,419
14	1	99 204	61 286,478	1 583 298,166	25,834	25,370
15	2	99 166	59 191,276	1 522 011,688	25,713	25,249
16	3	99 138	57 173,393	1 462 820,412	25,586	25,122
17	4	99 103	55 220,627	1 405 647,019	25,455	24,991
18	5	99 066	53 333,500	1 350 426,391	25,320	24,856
19	6	99 020	51 505,618	1 297 092,891	25,184	24,719
20	7	98 971	49 739,693	1 245 587,273	25,042	24,578
21	8	98 924	48 034,690	1 195 847,580	24,895	24,431
22	9	98 877	46 388,287	1 147 812,890	24,744	24,280
23	10	98 826	44 796,528	1 101 424,603	24,587	24,123
24	11	98 780	43 261,413	1 056 628,075	24,424	23,960
25	12	98 725	41 775,388	1 013 366,662	24,258	23,793
26	13	98 674	40 341,850	971 591,275	24,084	23,620
27	14	98 620	38 956,077	931 249,425	23,905	23,441
28	15	98 565	37 617,870	892 293,348	23,720	23,256
29	16	98 506	36 323,725	854 675,479	23,529	23,065
30	17	98 440	35 071,914	818 351,753	23,334	22,870
31	18	98 371	33 862,273	783 279,839	23,131	22,667
32	19	98 291	32 690,580	749 417,566	22,925	22,461
33	20	98 212	31 559,560	716 726,985	22,710	22,246
34	21	98 122	30 464,384	685 167,426	22,491	22,027
35	22	98 030	29 406,687	654 703,041	22,264	21,800
36	23	97 935	28 384,842	625 296,355	22,029	21,565
37	24	97 833	27 396,466	596 911,513	21,788	21,324
38	25	97 720	26 439,321	569 515,046	21,540	21,076
39	26	97 597	25 513,110	543 075,725	21,286	20,822
40	27	97 470	24 618,254	517 562,616	21,024	20,560
41	28	97 328	23 751,200	492 944,362	20,755	20,290
42	29	97 176	22 912,011	469 193,163	20,478	20,014
43	30	97 011	22 099,594	446 281,152	20,194	19,730
44	31	96 831	21 312,627	424 181,558	19,903	19,439
45	32	96 626	20 548,431	402 868,931	19,606	19,142
46	33	96 404	19 807,881	382 320,500	19,301	18,837
47	34	96 159	19 089,463	362 512,619	18,990	18,526
48	35	95 892	18 392,782	343 423,156	18,672	18,208
49	36	95 598	17 716,309	325 030,374	18,346	17,882
50	37	95 271	17 058,522	307 314,066	18,015	17,551
51	38	94 909	16 419,078	290 255,544	17,678	17,214
52	39	94 500	15 795,581	273 836,466	17,336	16,872
53	40	94 053	15 189,101	258 040,885	16,989	16,525
54	41	93 547	14 596,508	242 851,784	16,638	16,174
55	42	92 980	14 017,547	228 255,275	16,284	15,820
56	43	92 357	13 452,760	214 237,728	15,925	15,461
57	44	91 666	12 900,489	200 784,968	15,564	15,100
58	45	90 905	12 360,840	187 884,478	15,200	14,736
59	46	90 060	11 831,781	175 523,638	14,835	14,371
60	47	89 146	11 315,712	163 691,857	14,466	14,002
61	48	88 149	10 810,735	152 376,145	14,095	13,631
62	49	87 056	10 315,654	141 565,410	13,723	13,259
63	50	85 866	9 830,584	131 249,757	13,351	12,887
64	51	84 595	9 357,507	121 419,172	12,976	12,512
65	52	83 210	8 893,116	112 061,665	12,601	12,137
66	53	81 736	8 440,142	103 168,549	12,224	11,760
67	54	80 172	7 998,718	94 728,407	11,843	11,379
68	55	78 502	7 567,229	86 729,689	11,461	10,997
69	56	76 746	7 147,826	79 162,460	11,075	10,611
70	57	74 858	6 736,216	72 014,634	10,691	10,227
71	58	72 902	6 338,295	65 278,418	10,299	9,835
72	59	70 796	5 947,087	58 940,123	9,911	9,447
73	60	68 618	5 569,191	52 993,036	9,515	9,051
74	61	66 294	5 198,608	47 423,846	9,122	8,658
75	62	63 868	4 839,003	42 225,238	8,726	8,262
76	63	61 342	4 490,455	37 386,234	8,326	7,862
77	64	58 663	4 149,133	32 895,779	7,928	7,464
78	65	55 855	3 816,945	28 746,646	7,531	7,067
79	66	52 890	3 492,127	24 929,701	7,139	6,675
80	67	49 781	3 175,684	21 437,574	6,751	6,287
81	68	46 527	2 867,720	18 261,890	6,368	5,904
82	69	43 069	2 564,817	15 394,170	6,002	5,538
83	70	39 478	2 271,485	12 829,354	5,648	5,184
84	71	35 805	1 990,487	10 557,869	5,304	4,840
85	72	32 066	1 722,329	8 567,382	4,974	4,510
86	73	28 284	1 467,818	6 845,053	4,663	4,199
87	74	24 545	1 230,710	5 377,235	4,369	3,905
88	75	20 923	1 013,593	4 146,525	4,091	3,627
89	76	17 469	817,656	3 132,932	3,832	3,368
90	77	14 270	645,342	2 315,276	3,588	3,124
91	78	11 401	498,167	1 669,934	3,352	2,888
92	79	8 881	374,919	1 171,766	3,125	2,661
93	80	6 663	271,785	796,847	2,932	2,468
94	81	4 857	191,430	525,062	2,743	2,279
95	82	3 395	129,254	333,633	2,581	2,117
96	83	2 291	84,274	204,379	2,425	1,961
97	84	1 464	52,046	120,105	2,308	1,844
98	85	908	31,186	68,060	2,182	1,718
99	86	536	17,793	36,873	2,072	1,608
100	87	302	9,669	19,081	1,973	1,509

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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14	0	99 503	61 471,221	1 584 531,191	25,777	25,313
15	1	99 191	59 205,956	1 523 059,971	25,725	25,261
16	2	99 150	57 180,496	1 463 854,015	25,601	25,137
17	3	99 113	55 226,323	1 406 673,519	25,471	25,007
18	4	99 076	53 338,604	1 351 447,196	25,337	24,873
19	5	99 028	51 510,207	1 298 108,592	25,201	24,737
20	6	98 980	49 744,093	1 246 598,385	25,060	24,596
21	7	98 929	48 036,921	1 196 854,292	24,915	24,451
22	8	98 884	46 391,520	1 148 817,371	24,764	24,299
23	9	98 832	44 799,268	1 102 425,851	24,608	24,144
24	10	98 786	43 263,944	1 057 626,583	24,446	23,982
25	11	98 733	41 778,618	1 014 362,639	24,279	23,815
26	12	98 682	40 345,018	972 584,021	24,107	23,643
27	13	98 629	38 959,747	932 239,003	23,928	23,464
28	14	98 574	37 621,339	893 279,256	23,744	23,280
29	15	98 517	36 328,145	855 657,917	23,554	23,090
30	16	98 454	35 077,079	819 329,772	23,358	22,894
31	17	98 384	33 866,884	784 252,692	23,157	22,693
32	18	98 310	32 697,022	750 385,808	22,950	22,486
33	19	98 229	31 565,077	717 688,786	22,737	22,273
34	20	98 140	30 470,017	686 123,709	22,518	22,054
35	21	98 046	29 411,537	655 653,691	22,292	21,828
36	22	97 951	28 389,464	626 242,154	22,059	21,595
37	23	97 851	27 401,397	597 852,690	21,818	21,354
38	24	97 738	26 444,079	570 451,293	21,572	21,108
39	25	97 616	25 517,964	544 007,214	21,319	20,855
40	26	97 488	24 622,888	518 489,250	21,057	20,593
41	27	97 349	23 756,312	493 866,362	20,789	20,325
42	28	97 199	22 917,411	470 110,051	20,513	20,049
43	29	97 036	22 105,314	447 192,640	20,230	19,766
44	30	96 861	21 319,388	425 087,326	19,939	19,475
45	31	96 656	20 554,886	403 767,938	19,643	19,179
46	32	96 437	19 814,670	383 213,052	19,340	18,876
47	33	96 194	19 096,344	363 398,383	19,030	18,566
48	34	95 931	18 400,252	344 302,039	18,712	18,248
49	35	95 638	17 723,613	325 901,786	18,388	17,924
50	36	95 314	17 066,347	308 178,173	18,058	17,594
51	37	94 954	16 426,875	291 111,827	17,722	17,258
52	38	94 557	15 805,116	274 684,952	17,379	16,915
53	39	94 109	15 198,238	258 879,836	17,034	16,570
54	40	93 611	14 606,524	243 681,598	16,683	16,219
55	41	93 049	14 027,932	229 075,074	16,330	15,866
56	42	92 431	13 463,447	215 047,143	15,973	15,509
57	43	91 749	12 912,214	201 583,696	15,612	15,148
58	44	90 993	12 372,849	188 671,481	15,249	14,785
59	45	90 164	11 845,430	176 298,632	14,883	14,419
60	46	89 255	11 329,506	164 453,203	14,515	14,051
61	47	88 270	10 825,570	153 123,697	14,145	13,681
62	48	87 195	10 332,123	142 298,127	13,772	13,308
63	49	86 016	9 847,799	131 966,004	13,401	12,937
64	50	84 752	9 374,881	122 118,205	13,026	12,562
65	51	83 389	8 912,212	112 743,324	12,650	12,186
66	52	81 927	8 459,879	103 831,112	12,273	11,809
67	53	80 379	8 019,309	95 371,233	11,893	11,429
68	54	78 729	7 589,151	87 351,924	11,510	11,046
69	55	76 996	7 171,100	79 762,773	11,123	10,659
70	56	75 127	6 760,398	72 591,673	10,738	10,274
71	57	73 189	6 363,265	65 831,275	10,346	9,881
72	58	71 105	5 973,066	59 468,010	9,956	9,492
73	59	68 942	5 595,525	53 494,944	9,560	9,096
74	60	66 645	5 226,181	47 899,419	9,165	8,701
75	61	64 233	4 866,675	42 673,238	8,768	8,304
76	62	61 720	4 518,172	37 806,563	8,368	7,904
77	63	59 062	4 177,326	33 288,392	7,969	7,505
78	64	56 276	3 845,682	29 111,066	7,570	7,106
79	65	53 315	3 520,184	25 265,383	7,177	6,713
80	66	50 221	3 203,756	21 745,199	6,787	6,323
81	67	46 972	2 895,172	18 541,443	6,404	5,940
82	68	43 525	2 591,943	15 646,271	6,037	5,572
83	69	39 940	2 298,038	13 054,328	5,681	5,217
84	70	36 262	2 015,884	10 756,290	5,336	4,872
85	71	32 512	1 746,256	8 740,406	5,005	4,541
86	72	28 709	1 489,889	6 994,150	4,694	4,230
87	73	24 955	1 251,250	5 504,261	4,399	3,935
88	74	21 303	1 032,008	4 253,011	4,121	3,657
89	75	17 811	833,689	3 221,003	3,864	3,400
90	76	14 584	659,566	2 387,314	3,620	3,155
91	77	11 679	510,311	1 727,748	3,386	2,922
92	78	9 131	385,500	1 217,437	3,158	2,694
93	79	6 879	280,600	831,937	2,965	2,501
94	80	5 041	198,674	551,337	2,775	2,311
95	81	3 546	135,015	352,663	2,612	2,148
96	82	2 410	88,651	217,648	2,455	1,991
97	83	1 552	55,175	128,997	2,338	1,874
98	84	971	33,360	73,822	2,213	1,749
99	85	580	19,259	40,462	2,101	1,637
100	86	330	10,593	21,203	2,002	1,538

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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15	0	99 490	59 384,426	1 524 199,220	25,667	25,203
16	1	99 175	57 194,677	1 464 814,794	25,611	25,147
17	2	99 126	55 233,184	1 407 620,117	25,485	25,021
18	3	99 086	53 344,105	1 352 386,933	25,352	24,888
19	4	99 038	51 515,136	1 299 042,827	25,217	24,753
20	5	98 989	49 748,525	1 247 527,691	25,077	24,613
21	6	98 937	48 041,171	1 197 779,166	24,932	24,468
22	7	98 889	46 393,675	1 149 737,995	24,782	24,318
23	8	98 839	44 802,390	1 103 344,320	24,627	24,163
24	9	98 792	43 266,590	1 058 541,930	24,466	24,002
25	10	98 739	41 781,062	1 015 275,339	24,300	23,836
26	11	98 690	40 348,138	973 494,277	24,127	23,663
27	12	98 637	38 962,807	933 146,140	23,950	23,486
28	13	98 584	37 624,883	894 183,333	23,766	23,302
29	14	98 527	36 331,495	856 558,449	23,576	23,112
30	15	98 466	35 081,348	820 226,954	23,381	22,917
31	16	98 399	33 871,872	785 145,606	23,180	22,716
32	17	98 324	32 701,475	751 273,734	22,974	22,510
33	18	98 248	31 571,297	718 572,259	22,760	22,296
34	19	98 157	30 475,344	687 000,962	22,543	22,079
35	20	98 064	29 416,975	656 525,618	22,318	21,854
36	21	97 967	28 394,146	627 108,643	22,086	21,622
37	22	97 867	27 405,859	598 714,496	21,846	21,382
38	23	97 755	26 448,839	571 308,637	21,601	21,136
39	24	97 633	25 522,556	544 859,798	21,348	20,884
40	25	97 507	24 627,572	519 337,242	21,088	20,624
41	26	97 368	23 760,783	494 709,670	20,820	20,356
42	27	97 220	22 922,344	470 948,886	20,545	20,081
43	28	97 059	22 110,524	448 026,543	20,263	19,799
44	29	96 886	21 324,906	425 916,018	19,973	19,509
45	30	96 687	20 561,406	404 591,113	19,677	19,213
46	31	96 467	19 820,893	384 029,706	19,375	18,911
47	32	96 227	19 102,889	364 208,813	19,066	18,602
48	33	95 966	18 406,885	345 105,923	18,749	18,285
49	34	95 677	17 730,812	326 699,039	18,425	17,961
50	35	95 354	17 073,383	308 968,227	18,096	17,632
51	36	94 997	16 434,410	291 894,844	17,761	17,297
52	37	94 602	15 812,621	275 460,434	17,420	16,956
53	38	94 166	15 207,412	259 647,812	17,074	16,610
54	39	93 667	14 615,310	244 440,401	16,725	16,261
55	40	93 113	14 037,557	229 825,091	16,372	15,908
56	41	92 499	13 473,421	215 787,534	16,016	15,552
57	42	91 822	12 922,472	202 314,113	15,656	15,192
58	43	91 076	12 384,095	189 391,641	15,293	14,829
59	44	90 251	11 856,938	177 007,547	14,929	14,465
60	45	89 358	11 342,575	165 150,609	14,560	14,096
61	46	88 377	10 838,766	153 808,034	14,191	13,727
62	47	87 315	10 346,301	142 969,268	13,818	13,354
63	48	86 154	9 863,522	132 622,967	13,446	12,982
64	49	84 900	9 391,297	122 759,445	13,072	12,608
65	50	83 544	8 928,759	113 368,148	12,697	12,233
66	51	82 103	8 478,045	104 439,389	12,319	11,855
67	52	80 567	8 038,062	95 961,344	11,938	11,474
68	53	78 932	7 608,688	87 923,282	11,556	11,092
69	54	77 219	7 191,875	80 314,594	11,167	10,703
70	55	75 372	6 782,410	73 122,720	10,781	10,317
71	56	73 452	6 386,108	66 340,310	10,388	9,924
72	57	71 386	5 996,597	59 954,202	9,998	9,534
73	58	69 244	5 619,969	53 957,604	9,601	9,137
74	59	66 961	5 250,894	48 337,636	9,206	8,742
75	60	64 574	4 892,487	43 086,742	8,807	8,343
76	61	62 073	4 544,008	38 194,255	8,405	7,941
77	62	59 426	4 203,109	33 650,246	8,006	7,542
78	63	56 658	3 871,813	29 447,137	7,606	7,141
79	64	53 717	3 546,687	25 575,324	7,211	6,747
80	65	50 625	3 229,497	22 028,637	6,821	6,357
81	66	47 388	2 920,764	18 799,140	6,436	5,972
82	67	43 941	2 616,756	15 878,376	6,068	5,604
83	68	40 362	2 322,343	13 261,620	5,710	5,246
84	69	36 686	2 039,450	10 939,277	5,364	4,900
85	70	32 926	1 768,537	8 899,828	5,032	4,568
86	71	29 108	1 510,586	7 131,291	4,721	4,257
87	72	25 330	1 270,065	5 620,705	4,426	3,962
88	73	21 658	1 049,232	4 350,640	4,146	3,682
89	74	18 135	848,835	3 301,408	3,889	3,425
90	75	14 870	672,499	2 452,573	3,647	3,183
91	76	11 936	521,559	1 780,073	3,413	2,949
92	77	9 354	394,897	1 258,515	3,187	2,723
93	78	7 073	288,519	863,617	2,993	2,529
94	79	5 205	205,117	575,098	2,804	2,340
95	80	3 680	140,125	369,981	2,640	2,176
96	81	2 517	92,603	229,856	2,482	2,018
97	82	1 633	58,041	137,253	2,365	1,901
98	83	1 030	35,366	79,213	2,240	1,776
99	84	621	20,601	43,847	2,128	1,664
100	85	358	11,466	23,246	2,027	1,563

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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16	0	99 474	57 367,085	1 465 867,704	25,552	25,088
17	1	99 150	55 246,882	1 408 500,619	25,495	25,031
18	2	99 098	53 350,733	1 353 253,737	25,365	24,901
19	3	99 048	51 520,450	1 299 903,004	25,231	24,767
20	4	98 999	49 753,285	1 248 382,555	25,091	24,627
21	5	98 946	48 045,451	1 198 629,269	24,948	24,484
22	6	98 897	46 397,780	1 150 583,819	24,798	24,334
23	7	98 844	44 804,472	1 104 186,039	24,645	24,181
24	8	98 799	43 269,606	1 059 381,567	24,483	24,019
25	9	98 745	41 783,618	1 016 111,962	24,318	23,854
26	10	98 696	40 350,498	974 328,344	24,147	23,683
27	11	98 645	38 965,820	933 977,846	23,969	23,505
28	12	98 591	37 627,838	895 012,026	23,786	23,322
29	13	98 536	36 334,919	857 384,188	23,597	23,133
30	14	98 475	35 084,583	821 049,269	23,402	22,938
31	15	98 411	33 875,994	785 964,686	23,201	22,737
32	16	98 338	32 706,291	752 088,693	22,995	22,531
33	17	98 261	31 575,596	719 382,402	22,783	22,319
34	18	98 176	30 481,350	687 806,805	22,565	22,101
35	19	98 081	29 422,118	657 325,456	22,341	21,877
36	20	97 985	28 399,397	627 903,338	22,110	21,646
37	21	97 883	27 410,379	599 503,941	21,871	21,407
38	22	97 771	26 453,146	572 093,562	21,627	21,163
39	23	97 651	25 527,150	545 640,416	21,375	20,911
40	24	97 525	24 632,005	520 113,266	21,115	20,651
41	25	97 386	23 765,304	495 481,261	20,849	20,385
42	26	97 238	22 926,658	471 715,957	20,575	20,111
43	27	97 080	22 115,283	448 789,299	20,293	19,829
44	28	96 909	21 329,932	426 674,016	20,004	19,540
45	29	96 712	20 566,728	405 344,084	19,709	19,245
46	30	96 498	19 827,181	384 777,355	19,407	18,943
47	31	96 257	19 108,890	364 950,174	19,098	18,634
48	32	95 999	18 413,194	345 841,285	18,782	18,318
49	33	95 711	17 737,203	327 428,091	18,460	17,996
50	34	95 392	17 080,318	309 690,888	18,131	17,667
51	35	95 037	16 441,186	292 610,570	17,797	17,333
52	36	94 646	15 819,875	276 169,384	17,457	16,993
53	37	94 211	15 214,633	260 349,510	17,112	16,648
54	38	93 724	14 624,132	245 134,876	16,762	16,298
55	39	93 169	14 046,001	230 510,744	16,411	15,947
56	40	92 563	13 482,666	216 464,743	16,055	15,591
57	41	91 890	12 932,045	202 982,078	15,696	15,232
58	42	91 148	12 393,932	190 050,033	15,334	14,870
59	43	90 333	11 867,714	177 656,100	14,970	14,506
60	44	89 445	11 353,595	165 788,386	14,602	14,138
61	45	88 479	10 851,269	154 434,791	14,232	13,768
62	46	87 421	10 358,913	143 583,522	13,861	13,397
63	47	86 272	9 877,056	133 224,609	13,488	13,024
64	48	85 036	9 406,291	123 347,553	13,113	12,649
65	49	83 690	8 944,395	113 941,261	12,739	12,275
66	50	82 255	8 493,785	104 996,867	12,362	11,898
67	51	80 740	8 055,322	96 503,081	11,980	11,516
68	52	79 117	7 626,480	88 447,760	11,597	11,133
69	53	77 418	7 210,389	80 821,279	11,209	10,745
70	54	75 590	6 802,059	73 610,891	10,822	10,358
71	55	73 691	6 406,901	66 808,832	10,428	9,964
72	56	71 642	6 018,124	60 401,931	10,037	9,573
73	57	69 516	5 642,109	54 383,807	9,639	9,175
74	58	67 253	5 273,832	48 741,697	9,242	8,778
75	59	64 879	4 915,622	43 467,866	8,843	8,379
76	60	62 403	4 568,109	38 552,244	8,439	7,975
77	61	59 766	4 227,145	33 984,134	8,040	7,575
78	62	57 008	3 895,711	29 756,990	7,638	7,174
79	63	54 082	3 570,786	25 861,279	7,242	6,778
80	64	51 006	3 253,811	22 290,493	6,851	6,387
81	65	47 768	2 944,231	19 036,682	6,466	6,002
82	66	44 330	2 639,887	16 092,450	6,096	5,632
83	67	40 749	2 344,574	13 452,564	5,738	5,274
84	68	37 074	2 061,019	11 107,989	5,390	4,926
85	69	33 311	1 789,211	9 046,970	5,056	4,592
86	70	29 480	1 529,861	7 257,759	4,744	4,280
87	71	25 682	1 287,709	5 727,898	4,448	3,984
88	72	21 984	1 065,009	4 440,190	4,169	3,705
89	73	18 438	863,002	3 375,181	3,911	3,447
90	74	15 141	684,717	2 512,179	3,669	3,205
91	75	12 171	531,786	1 827,462	3,436	2,972
92	76	9 560	403,602	1 295,676	3,210	2,746
93	77	7 246	295,552	892,075	3,018	2,554
94	78	5 352	210,906	596,523	2,828	2,364
95	79	3 799	144,669	385,616	2,666	2,201
96	80	2 612	96,107	240,947	2,507	2,043
97	81	1 706	60,628	144,840	2,389	1,925
98	82	1 083	37,203	84,212	2,264	1,800
99	83	658	21,840	47,009	2,152	1,688
100	84	383	12,265	25,169	2,052	1,588

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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17	0	99 449	55 413,418	1 409 473,997	25,436	24,972
18	1	99 123	53 363,964	1 354 060,579	25,374	24,910
19	2	99 060	51 526,850	1 300 696,615	25,243	24,779
20	3	99 009	49 758,417	1 249 169,764	25,105	24,641
21	4	98 956	48 050,048	1 199 411,347	24,962	24,498
22	5	98 906	46 401,913	1 151 361,299	24,813	24,349
23	6	98 853	44 808,435	1 104 959,386	24,660	24,196
24	7	98 803	43 271,616	1 060 150,951	24,500	24,036
25	8	98 752	41 786,530	1 016 879,335	24,335	23,871
26	9	98 702	40 352,967	975 092,805	24,164	23,700
27	10	98 650	38 968,099	934 739,838	23,987	23,523
28	11	98 599	37 630,748	895 771,739	23,804	23,340
29	12	98 544	36 337,772	858 140,991	23,616	23,152
30	13	98 484	35 087,888	821 803,219	23,421	22,957
31	14	98 420	33 879,117	786 715,330	23,221	22,757
32	15	98 350	32 710,271	752 836,213	23,015	22,551
33	16	98 276	31 580,246	720 125,942	22,803	22,339
34	17	98 190	30 485,501	688 545,696	22,586	22,122
35	18	98 101	29 427,916	658 060,195	22,362	21,898
36	19	98 003	28 404,361	628 632,279	22,132	21,668
37	20	97 901	27 415,448	600 227,918	21,894	21,430
38	21	97 787	26 457,509	572 812,470	21,650	21,186
39	22	97 667	25 531,307	546 354,961	21,399	20,935
40	23	97 542	24 636,438	520 823,655	21,140	20,676
41	24	97 404	23 769,581	496 187,216	20,875	20,411
42	25	97 256	22 931,020	472 417,635	20,602	20,138
43	26	97 098	22 119,446	449 486,615	20,321	19,857
44	27	96 930	21 334,523	427 367,169	20,032	19,568
45	28	96 735	20 571,576	406 032,646	19,738	19,274
46	29	96 523	19 832,313	385 461,070	19,436	18,972
47	30	96 287	19 114,951	365 628,757	19,128	18,664
48	31	96 029	18 418,977	346 513,806	18,813	18,349
49	32	95 744	17 743,282	328 094,828	18,491	18,027
50	33	95 427	17 086,475	310 351,546	18,164	17,700
51	34	95 075	16 447,864	293 265,072	17,830	17,366
52	35	94 685	15 826,397	276 817,208	17,491	17,027
53	36	94 254	15 221,613	260 990,810	17,146	16,682
54	37	93 768	14 631,077	245 769,198	16,798	16,334
55	38	93 225	14 054,479	231 138,121	16,446	15,982
56	39	92 618	13 490,776	217 083,642	16,091	15,627
57	40	91 953	12 940,918	203 592,866	15,732	15,268
58	41	91 216	12 403,114	190 651,948	15,371	14,907
59	42	90 405	11 877,142	178 248,834	15,008	14,544
60	43	89 526	11 363,914	166 371,692	14,640	14,176
61	44	88 565	10 861,811	155 007,778	14,271	13,807
62	45	87 522	10 370,863	144 145,967	13,899	13,435
63	46	86 377	9 889,096	133 775,104	13,528	13,064
64	47	85 152	9 419,199	123 886,007	13,152	12,688
65	48	83 824	8 958,675	114 466,809	12,777	12,313
66	49	82 399	8 508,659	105 508,134	12,400	11,936
67	50	80 889	8 070,278	96 999,475	12,019	11,555
68	51	79 287	7 642,857	88 929,197	11,636	11,172
69	52	77 599	7 227,250	81 286,341	11,247	10,783
70	53	75 785	6 819,569	74 059,091	10,860	10,396
71	54	73 904	6 425,463	67 239,522	10,465	10,001
72	55	71 875	6 037,719	60 814,059	10,072	9,608
73	56	69 766	5 662,363	54 776,340	9,674	9,210
74	57	67 518	5 294,609	49 113,977	9,276	8,812
75	58	65 163	4 937,095	43 819,368	8,876	8,412
76	59	62 698	4 589,710	38 882,273	8,472	8,008
77	60	60 083	4 249,565	34 292,563	8,070	7,606
78	61	57 334	3 917,988	30 042,998	7,668	7,204
79	62	54 416	3 592,826	26 125,010	7,271	6,807
80	63	51 352	3 275,920	22 532,183	6,878	6,414
81	64	48 128	2 966,398	19 256,263	6,491	6,027
82	65	44 686	2 661,097	16 289,865	6,121	5,657
83	66	41 109	2 365,299	13 628,768	5,762	5,298
84	67	37 429	2 080,750	11 263,469	5,413	4,949
85	68	33 664	1 808,134	9 182,719	5,079	4,615
86	69	29 824	1 547,744	7 374,585	4,765	4,301
87	70	26 010	1 304,139	5 826,841	4,468	4,004
88	71	22 289	1 079,804	4 522,702	4,188	3,724
89	72	18 715	875,979	3 442,898	3,930	3,466
90	73	15 393	696,145	2 566,919	3,687	3,223
91	74	12 392	541,447	1 870,774	3,455	2,991
92	75	9 748	411,516	1 329,328	3,230	2,766
93	76	7 406	302,067	917,812	3,038	2,574
94	77	5 482	216,048	615,746	2,850	2,386
95	78	3 907	148,752	399,698	2,687	2,223
96	79	2 697	99,224	250,946	2,529	2,065
97	80	1 770	62,922	151,722	2,411	1,947
98	81	1 132	38,861	88,800	2,285	1,821
99	82	692	22,974	49,938	2,174	1,710
100	83	406	13,002	26,964	2,074	1,610

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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18	0	99 422	53 524,825	1 354 960,675	25,315	24,851
19	1	99 085	51 539,629	1 301 435,850	25,251	24,787
20	2	99 021	49 764,599	1 249 896,221	25,116	24,652
21	3	98 966	48 055,004	1 200 131,622	24,974	24,510
22	4	98 916	46 406,353	1 152 076,618	24,826	24,362
23	5	98 861	44 812,427	1 105 670,264	24,673	24,209
24	6	98 812	43 275,444	1 060 857,837	24,514	24,050
25	7	98 756	41 788,471	1 017 582,393	24,351	23,887
26	8	98 709	40 355,779	975 793,922	24,180	23,716
27	9	98 656	38 970,483	935 438,143	24,004	23,540
28	10	98 605	37 632,949	896 467,660	23,821	23,357
29	11	98 551	36 340,582	858 834,711	23,633	23,169
30	12	98 492	35 090,644	822 494,128	23,439	22,975
31	13	98 429	33 882,310	787 403,484	23,239	22,775
32	14	98 359	32 713,287	753 521,175	23,034	22,570
33	15	98 288	31 584,089	720 807,888	22,822	22,358
34	16	98 204	30 489,990	689 223,799	22,605	22,141
35	17	98 114	29 431,923	658 733,809	22,382	21,918
36	18	98 022	28 409,959	629 301,885	22,151	21,687
37	19	97 918	27 420,240	600 891,926	21,914	21,450
38	20	97 805	26 462,401	573 471,686	21,671	21,207
39	21	97 683	25 535,518	547 009,285	21,422	20,957
40	22	97 558	24 640,450	521 473,767	21,163	20,699
41	23	97 421	23 773,860	496 833,317	20,898	20,434
42	24	97 274	22 935,147	473 059,458	20,626	20,162
43	25	97 116	22 123,654	450 124,311	20,346	19,882
44	26	96 948	21 338,539	428 000,656	20,058	19,594
45	27	96 756	20 576,003	406 662,117	19,764	19,300
46	28	96 545	19 836,988	386 086,114	19,463	18,999
47	29	96 312	19 119,899	366 249,126	19,155	18,691
48	30	96 059	18 424,820	347 129,227	18,840	18,376
49	31	95 774	17 748,855	328 704,407	18,520	18,056
50	32	95 459	17 092,331	310 955,552	18,193	17,729
51	33	95 109	16 453,793	293 863,221	17,860	17,396
52	34	94 723	15 832,825	277 409,428	17,521	17,057
53	35	94 293	15 227,888	261 576,603	17,177	16,713
54	36	93 811	14 637,788	246 348,714	16,830	16,366
55	37	93 270	14 061,154	231 710,926	16,479	16,015
56	38	92 674	13 498,919	217 649,773	16,123	15,659
57	39	92 008	12 948,702	204 150,854	15,766	15,302
58	40	91 279	12 411,624	191 202,151	15,405	14,941
59	41	90 472	11 885,941	178 790,527	15,042	14,578
60	42	89 597	11 372,941	166 904,586	14,676	14,212
61	43	88 646	10 871,684	155 531,645	14,306	13,842
62	44	87 607	10 380,938	144 659,961	13,935	13,471
63	45	86 477	9 900,504	134 279,023	13,563	13,099
64	46	85 256	9 430,681	124 378,519	13,189	12,725
65	47	83 939	8 970,968	114 947,838	12,813	12,349
66	48	82 531	8 522,244	105 976,870	12,435	11,971
67	49	81 031	8 084,410	97 454,626	12,055	11,591
68	50	79 434	7 657,047	89 370,216	11,672	11,208
69	51	77 766	7 242,769	81 713,170	11,282	10,818
70	52	75 962	6 835,516	74 470,401	10,895	10,431
71	53	74 094	6 442,004	67 634,885	10,499	10,035
72	54	72 083	6 055,211	61 192,881	10,106	9,642
73	55	69 993	5 680,800	55 137,671	9,706	9,242
74	56	67 760	5 313,615	49 456,871	9,308	8,844
75	57	65 419	4 956,545	44 143,256	8,906	8,442
76	58	62 972	4 609,760	39 186,710	8,501	8,037
77	59	60 367	4 269,660	34 576,950	8,098	7,634
78	60	57 638	3 938,769	30 307,291	7,695	7,231
79	61	54 727	3 613,371	26 368,522	7,297	6,833
80	62	51 669	3 296,140	22 755,150	6,904	6,440
81	63	48 455	2 986,554	19 459,010	6,516	6,052
82	64	45 022	2 681,132	16 472,456	6,144	5,680
83	65	41 439	2 384,303	13 791,324	5,784	5,320
84	66	37 760	2 099,143	11 407,021	5,434	4,970
85	67	33 986	1 825,443	9 307,878	5,099	4,635
86	68	30 140	1 564,114	7 482,435	4,784	4,320
87	69	26 314	1 319,384	5 918,321	4,486	4,022
88	70	22 574	1 093,582	4 598,937	4,205	3,741
89	71	18 975	888,148	3 505,355	3,947	3,483
90	72	15 625	706,612	2 617,207	3,704	3,240
91	73	12 598	550,484	1 910,595	3,471	3,007
92	74	9 925	418,992	1 360,111	3,246	2,782
93	75	7 551	307,990	941,120	3,056	2,592
94	76	5 603	220,809	633,130	2,867	2,403
95	77	4 002	152,378	412,321	2,706	2,242
96	78	2 773	102,024	259,942	2,548	2,084
97	79	1 828	64,963	157,918	2,431	1,967
98	80	1 174	40,332	92,955	2,305	1,841
99	81	723	23,998	52,623	2,193	1,729
100	82	427	13,678	28,625	2,093	1,629

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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19	0	99 384	51 694,990	1 302 268,385	25,191	24,727
20	1	99 046	49 776,941	1 250 573,395	25,124	24,660
21	2	98 978	48 060,975	1 200 796,454	24,985	24,521
22	3	98 926	46 411,140	1 152 735,480	24,837	24,373
23	4	98 871	44 816,716	1 106 324,340	24,686	24,222
24	5	98 821	43 279,299	1 061 507,624	24,527	24,063
25	6	98 765	41 792,168	1 018 228,325	24,364	23,900
26	7	98 713	40 357,654	976 436,157	24,195	23,731
27	8	98 663	38 973,199	936 078,503	24,019	23,554
28	9	98 611	37 635,252	897 105,304	23,837	23,373
29	10	98 557	36 342,708	859 470,052	23,649	23,185
30	11	98 500	35 093,358	823 127,344	23,455	22,991
31	12	98 437	33 884,970	788 033,987	23,256	22,792
32	13	98 369	32 716,369	754 149,016	23,051	22,587
33	14	98 297	31 587,002	721 432,647	22,840	22,376
34	15	98 216	30 493,700	689 845,645	22,623	22,159
35	16	98 128	29 436,258	659 351,945	22,399	21,935
36	17	98 035	28 413,828	629 915,687	22,169	21,705
37	18	97 938	27 425,644	601 501,860	21,932	21,468
38	19	97 822	26 467,027	574 076,216	21,690	21,226
39	20	97 701	25 540,239	547 609,189	21,441	20,977
40	21	97 574	24 644,514	522 068,949	21,184	20,720
41	22	97 437	23 777,731	497 424,435	20,920	20,456
42	23	97 291	22 939,275	473 646,705	20,648	20,184
43	24	97 134	22 127,636	450 707,429	20,369	19,905
44	25	96 967	21 342,599	428 579,793	20,081	19,617
45	26	96 774	20 579,877	407 237,195	19,788	19,324
46	27	96 566	19 841,257	386 657,318	19,488	19,024
47	28	96 335	19 124,406	366 816,061	19,181	18,716
48	29	96 084	18 429,589	347 691,655	18,866	18,402
49	30	95 804	17 754,486	329 262,066	18,545	18,081
50	31	95 489	17 097,700	311 507,580	18,219	17,755
51	32	95 142	16 459,432	294 409,881	17,887	17,423
52	33	94 757	15 838,532	277 950,448	17,549	17,085
53	34	94 331	15 234,073	262 111,916	17,206	16,742
54	35	93 850	14 643,823	246 877,843	16,859	16,395
55	36	93 312	14 067,604	232 234,019	16,508	16,044
56	37	92 718	13 505,329	218 166,416	16,154	15,690
57	38	92 064	12 956,518	204 661,086	15,796	15,332
58	39	91 333	12 419,090	191 704,568	15,436	14,972
59	40	90 534	11 894,096	179 285,478	15,073	14,609
60	41	89 663	11 381,367	167 391,381	14,707	14,243
61	42	88 716	10 880,320	156 010,015	14,339	13,875
62	43	87 687	10 390,373	145 129,695	13,968	13,504
63	44	86 561	9 910,123	134 739,321	13,596	13,132
64	45	85 354	9 441,559	124 829,199	13,221	12,757
65	46	84 041	8 981,904	115 387,639	12,847	12,383
66	47	82 644	8 533,938	106 405,736	12,469	12,005
67	48	81 160	8 097,317	97 871,798	12,087	11,623
68	49	79 573	7 670,455	89 774,480	11,704	11,240
69	50	77 910	7 256,216	82 104,025	11,315	10,851
70	51	76 125	6 850,194	74 847,809	10,926	10,462
71	52	74 268	6 457,068	67 997,615	10,531	10,067
72	53	72 269	6 070,799	61 540,548	10,137	9,673
73	54	70 196	5 697,258	55 469,749	9,736	9,272
74	55	67 981	5 330,916	49 772,491	9,337	8,873
75	56	65 654	4 974,339	44 441,575	8,934	8,470
76	57	63 220	4 627,921	39 467,237	8,528	8,064
77	58	60 631	4 288,311	34 839,316	8,124	7,660
78	59	57 910	3 957,394	30 551,005	7,720	7,256
79	60	55 017	3 632,536	26 593,611	7,321	6,857
80	61	51 965	3 314,989	22 961,075	6,926	6,462
81	62	48 754	3 004,988	19 646,086	6,538	6,074
82	63	45 328	2 699,350	16 641,098	6,165	5,701
83	64	41 751	2 402,255	13 941,748	5,804	5,340
84	65	38 063	2 116,008	11 539,493	5,453	4,989
85	66	34 286	1 841,579	9 423,485	5,117	4,653
86	67	30 428	1 579,087	7 581,906	4,801	4,337
87	68	26 592	1 333,338	6 002,819	4,502	4,038
88	69	22 838	1 106,365	4 669,481	4,221	3,757
89	70	19 217	899,480	3 563,115	3,961	3,497
90	71	15 842	716,429	2 663,635	3,718	3,254
91	72	12 788	558,761	1 947,206	3,485	3,021
92	73	10 090	425,985	1 388,446	3,259	2,795
93	74	7 688	313,585	962,461	3,069	2,605
94	75	5 713	225,139	648,876	2,882	2,418
95	76	4 090	155,737	423,737	2,721	2,257
96	77	2 841	104,511	268,000	2,564	2,100
97	78	1 879	66,796	163,488	2,448	1,984
98	79	1 212	41,640	96,692	2,322	1,858
99	80	751	24,906	55,052	2,210	1,746
100	81	446	14,288	30,146	2,110	1,646

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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20	0	99 344	49 926,988	1 251 343,640	25,063	24,599
21	1	99 003	48 072,894	1 201 416,652	24,992	24,528
22	2	98 938	46 416,906	1 153 343,758	24,847	24,383
23	3	98 881	44 821,338	1 106 926,852	24,696	24,232
24	4	98 830	43 283,441	1 062 105,514	24,538	24,074
25	5	98 774	41 795,891	1 018 822,073	24,376	23,912
26	6	98 722	40 361,224	977 026,182	24,207	23,743
27	7	98 668	38 975,010	936 664,958	24,032	23,568
28	8	98 618	37 637,874	897 689,948	23,851	23,387
29	9	98 563	36 344,931	860 052,074	23,664	23,200
30	10	98 506	35 095,411	823 707,142	23,471	23,006
31	11	98 445	33 887,591	788 611,732	23,271	22,807
32	12	98 376	32 718,939	754 724,141	23,067	22,603
33	13	98 306	31 589,978	722 005,203	22,856	22,391
34	14	98 225	30 496,512	690 415,225	22,639	22,175
35	15	98 140	29 439,840	659 918,712	22,416	21,952
36	16	98 050	28 418,012	630 478,873	22,186	21,722
37	17	97 951	27 429,379	602 060,861	21,949	21,485
38	18	97 842	26 472,243	574 631,482	21,707	21,243
39	19	97 718	25 544,704	548 159,239	21,459	20,995
40	20	97 592	24 649,071	522 614,535	21,202	20,738
41	21	97 453	23 781,652	497 965,464	20,939	20,475
42	22	97 307	22 943,011	474 183,812	20,668	20,204
43	23	97 151	22 131,619	451 240,801	20,389	19,925
44	24	96 984	21 346,440	429 109,182	20,102	19,638
45	25	96 792	20 583,792	407 762,742	19,810	19,346
46	26	96 584	19 844,992	387 178,950	19,510	19,046
47	27	96 356	19 128,522	367 333,958	19,203	18,739
48	28	96 107	18 433,933	348 205,437	18,889	18,425
49	29	95 829	17 759,081	329 771,504	18,569	18,105
50	30	95 520	17 103,123	312 012,422	18,243	17,779
51	31	95 172	16 464,602	294 909,299	17,912	17,448
52	32	94 790	15 843,961	278 444,697	17,574	17,110
53	33	94 365	15 239,565	262 600,736	17,232	16,767
54	34	93 888	14 649,771	247 361,171	16,885	16,421
55	35	93 351	14 073,404	232 711,400	16,536	16,072
56	36	92 761	13 511,524	218 637,996	16,182	15,718
57	37	92 107	12 962,671	205 126,472	15,824	15,360
58	38	91 389	12 426,586	192 163,801	15,464	15,000
59	39	90 589	11 901,251	179 737,214	15,102	14,638
60	40	89 725	11 389,176	167 835,963	14,736	14,272
61	41	88 782	10 888,380	156 446,787	14,368	13,904
62	42	87 756	10 398,627	145 558,407	13,998	13,534
63	43	86 639	9 919,130	135 159,780	13,626	13,162
64	44	85 437	9 450,732	125 240,650	13,252	12,788
65	45	84 138	8 992,265	115 789,918	12,877	12,413
66	46	82 745	8 544,341	106 797,653	12,499	12,035
67	47	81 272	8 108,428	98 253,312	12,117	11,653
68	48	79 700	7 682,702	90 144,884	11,733	11,269
69	49	78 047	7 268,923	82 462,182	11,344	10,880
70	50	76 266	6 862,912	75 193,259	10,956	10,492
71	51	74 427	6 470,933	68 330,347	10,560	10,096
72	52	72 438	6 084,995	61 859,414	10,166	9,702
73	53	70 377	5 711,924	55 774,419	9,765	9,301
74	54	68 178	5 346,360	50 062,495	9,364	8,900
75	55	65 868	4 990,535	44 716,135	8,960	8,496
76	56	63 447	4 644,534	39 725,600	8,553	8,089
77	57	60 870	4 305,205	35 081,066	8,149	7,684
78	58	58 163	3 974,681	30 775,861	7,743	7,279
79	59	55 277	3 649,713	26 801,179	7,343	6,879
80	60	52 241	3 332,571	23 151,466	6,947	6,483
81	61	49 033	3 022,172	19 818,895	6,558	6,094
82	62	45 608	2 716,011	16 796,723	6,184	5,720
83	63	42 035	2 418,577	14 080,712	5,822	5,358
84	64	38 350	2 131,939	11 662,135	5,470	5,006
85	65	34 562	1 856,375	9 530,196	5,134	4,670
86	66	30 697	1 593,046	7 673,820	4,817	4,353
87	67	26 847	1 346,102	6 080,775	4,517	4,053
88	68	23 079	1 118,067	4 734,672	4,235	3,771
89	69	19 442	909,995	3 616,605	3,974	3,510
90	70	16 044	725,570	2 706,611	3,730	3,266
91	71	12 966	566,523	1 981,041	3,497	3,033
92	72	10 242	432,390	1 414,517	3,271	2,807
93	73	7 816	318,819	982,127	3,081	2,616
94	74	5 817	229,229	663,309	2,894	2,430
95	75	4 170	158,791	434,079	2,734	2,270
96	76	2 903	106,815	275,289	2,577	2,113
97	77	1 925	68,425	168,474	2,462	1,998
98	78	1 247	42,815	100,049	2,337	1,873
99	79	775	25,714	57,234	2,226	1,762
100	80	463	14,828	31,520	2,126	1,662

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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21	0	99 301	48 217,805	1 202 129,453	24,931	24,467
22	1	98 963	46 428,417	1 153 911,649	24,854	24,390
23	2	98 893	44 826,907	1 107 483,231	24,706	24,242
24	3	98 841	43 287,905	1 062 656,325	24,549	24,085
25	4	98 783	41 799,891	1 019 368,419	24,387	23,923
26	5	98 731	40 364,820	977 568,528	24,218	23,754
27	6	98 677	38 978,458	937 203,709	24,044	23,580
28	7	98 622	37 639,623	898 225,251	23,864	23,400
29	8	98 570	36 347,464	860 585,628	23,677	23,213
30	9	98 512	35 097,558	824 238,164	23,484	23,020
31	10	98 450	33 889,573	789 140,606	23,286	22,822
32	11	98 384	32 721,469	755 251,033	23,081	22,617
33	12	98 314	31 592,459	722 529,564	22,870	22,406
34	13	98 234	30 499,386	690 937,106	22,654	22,190
35	14	98 149	29 442,554	660 437,720	22,431	21,967
36	15	98 062	28 421,470	630 995,166	22,201	21,737
37	16	97 965	27 433,418	602 573,696	21,965	21,501
38	17	97 855	26 475,848	575 140,277	21,723	21,259
39	18	97 737	25 549,738	548 664,430	21,474	21,010
40	19	97 609	24 653,380	523 114,692	21,219	20,755
41	20	97 471	23 786,050	498 461,312	20,956	20,492
42	21	97 323	22 946,795	474 675,262	20,686	20,222
43	22	97 167	22 135,223	451 728,467	20,408	19,944
44	23	97 002	21 350,282	429 593,244	20,121	19,657
45	24	96 810	20 587,497	408 242,962	19,830	19,366
46	25	96 603	19 848,768	387 655,466	19,530	19,066
47	26	96 374	19 132,122	367 806,698	19,225	18,761
48	27	96 128	18 437,901	348 674,576	18,911	18,447
49	28	95 852	17 763,267	330 236,675	18,591	18,127
50	29	95 544	17 107,550	312 473,408	18,265	17,801
51	30	95 202	16 469,825	295 365,858	17,934	17,470
52	31	94 820	15 848,938	278 896,033	17,597	17,133
53	32	94 397	15 244,788	263 047,095	17,255	16,791
54	33	93 922	14 655,052	247 802,307	16,909	16,445
55	34	93 389	14 079,120	233 147,255	16,560	16,096
56	35	92 799	13 517,095	219 068,136	16,207	15,743
57	36	92 150	12 968,617	205 551,040	15,850	15,386
58	37	91 432	12 432,488	192 582,423	15,490	15,026
59	38	90 643	11 908,435	180 149,935	15,128	14,664
60	39	89 779	11 396,027	168 241,501	14,763	14,299
61	40	88 843	10 895,851	156 845,474	14,395	13,931
62	41	87 821	10 406,331	145 949,623	14,025	13,561
63	42	86 708	9 927,010	135 543,292	13,654	13,190
64	43	85 515	9 459,322	125 616,282	13,280	12,816
65	44	84 220	9 001,001	116 156,960	12,905	12,441
66	45	82 840	8 554,197	107 155,959	12,527	12,063
67	46	81 371	8 118,312	98 601,762	12,146	11,682
68	47	79 809	7 693,244	90 483,450	11,761	11,297
69	48	78 171	7 280,528	82 790,206	11,371	10,907
70	49	76 400	6 874,930	75 509,678	10,983	10,519
71	50	74 565	6 482,947	68 634,748	10,587	10,123
72	51	72 593	6 098,061	62 151,800	10,192	9,728
73	52	70 541	5 725,281	56 053,739	9,791	9,327
74	53	68 353	5 360,123	50 328,459	9,389	8,925
75	54	66 059	5 004,993	44 968,335	8,985	8,521
76	55	63 653	4 659,657	39 963,342	8,576	8,112
77	56	61 088	4 320,660	35 303,686	8,171	7,707
78	57	58 393	3 990,340	30 983,025	7,765	7,300
79	58	55 519	3 665,657	26 992,685	7,364	6,900
80	59	52 488	3 348,330	23 327,029	6,967	6,503
81	60	49 293	3 038,201	19 978,699	6,576	6,112
82	61	45 869	2 731,542	16 940,498	6,202	5,738
83	62	42 294	2 433,506	14 208,956	5,839	5,375
84	63	38 610	2 146,425	11 775,450	5,486	5,022
85	64	34 822	1 870,352	9 629,025	5,148	4,684
86	65	30 944	1 605,845	7 758,673	4,832	4,367
87	66	27 084	1 358,001	6 152,828	4,531	4,067
88	67	23 300	1 128,770	4 794,827	4,248	3,784
89	68	19 647	919,619	3 666,057	3,986	3,522
90	69	16 231	734,052	2 746,437	3,741	3,277
91	70	13 131	573,752	2 012,386	3,507	3,043
92	71	10 384	438,397	1 438,634	3,282	2,818
93	72	7 934	323,613	1 000,237	3,091	2,627
94	73	5 914	233,055	676,625	2,903	2,439
95	74	4 246	161,675	443,569	2,744	2,280
96	75	2 960	108,909	281,894	2,588	2,124
97	76	1 967	69,933	172,985	2,474	2,010
98	77	1 277	43,859	103,052	2,350	1,886
99	78	797	26,440	59,193	2,239	1,775
100	79	478	15,309	32,753	2,139	1,675

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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22	0	99 261	46 568,371	1 154 571,479	24,793	24,329
23	1	98 918	44 838,024	1 108 003,107	24,711	24,247
24	2	98 853	43 293,283	1 063 165,083	24,557	24,093
25	3	98 794	41 804,202	1 019 871,800	24,396	23,932
26	4	98 740	40 368,682	978 067,598	24,228	23,764
27	5	98 685	38 981,930	937 698,916	24,055	23,591
28	6	98 631	37 642,953	898 716,985	23,875	23,411
29	7	98 574	36 349,153	861 074,033	23,689	23,225
30	8	98 518	35 100,003	824 724,880	23,496	23,032
31	9	98 456	33 891,646	789 624,876	23,299	22,834
32	10	98 390	32 723,383	755 733,230	23,095	22,631
33	11	98 322	31 594,902	723 009,847	22,884	22,420
34	12	98 242	30 501,781	691 414,945	22,668	22,204
35	13	98 159	29 445,329	660 913,164	22,445	21,981
36	14	98 071	28 424,091	631 467,836	22,216	21,752
37	15	97 977	27 436,756	603 043,745	21,979	21,515
38	16	97 869	26 479,747	575 606,989	21,738	21,274
39	17	97 751	25 553,218	549 127,242	21,490	21,026
40	18	97 628	24 658,238	523 574,024	21,233	20,769
41	19	97 488	23 790,208	498 915,786	20,971	20,507
42	20	97 341	22 951,038	475 125,578	20,702	20,238
43	21	97 183	22 138,873	452 174,540	20,424	19,960
44	22	97 017	21 353,759	430 035,667	20,139	19,675
45	23	96 827	20 591,202	408 681,908	19,847	19,383
46	24	96 620	19 852,340	388 090,706	19,549	19,085
47	25	96 392	19 135,762	368 238,366	19,243	18,779
48	26	96 146	18 441,371	349 102,604	18,930	18,466
49	27	95 872	17 767,090	330 661,233	18,611	18,147
50	28	95 567	17 111,583	312 894,142	18,286	17,821
51	29	95 227	16 474,088	295 782,560	17,954	17,490
52	30	94 850	15 853,965	279 308,472	17,618	17,154
53	31	94 427	15 249,576	263 454,506	17,276	16,812
54	32	93 954	14 660,075	248 204,930	16,931	16,467
55	33	93 422	14 084,195	233 544,855	16,582	16,118
56	34	92 837	13 522,585	219 460,661	16,229	15,765
57	35	92 188	12 973,964	205 938,075	15,873	15,409
58	36	91 474	12 438,191	192 964,111	15,514	15,050
59	37	90 686	11 914,090	180 525,920	15,152	14,688
60	38	89 833	11 402,906	168 611,830	14,787	14,323
61	39	88 896	10 902,405	157 208,925	14,420	13,956
62	40	87 881	10 413,471	146 306,520	14,050	13,586
63	41	86 772	9 934,364	135 893,048	13,679	13,215
64	42	85 583	9 466,836	125 958,685	13,305	12,841
65	43	84 296	9 009,182	116 491,848	12,930	12,466
66	44	82 921	8 562,508	107 482,666	12,553	12,089
67	45	81 465	8 127,677	98 920,159	12,171	11,707
68	46	79 907	7 702,622	90 792,481	11,787	11,323
69	47	78 279	7 290,518	83 089,859	11,397	10,933
70	48	76 522	6 885,907	75 799,341	11,008	10,544
71	49	74 696	6 494,300	68 913,434	10,611	10,147
72	50	72 728	6 109,383	62 419,135	10,217	9,753
73	51	70 693	5 737,575	56 309,752	9,814	9,350
74	52	68 513	5 372,658	50 572,177	9,413	8,949
75	53	66 229	5 017,877	45 199,519	9,008	8,544
76	54	63 838	4 673,156	40 181,642	8,598	8,134
77	55	61 287	4 334,728	35 508,486	8,192	7,728
78	56	58 602	4 004,664	31 173,758	7,784	7,320
79	57	55 737	3 680,098	27 169,093	7,383	6,919
80	58	52 717	3 362,957	23 488,996	6,985	6,521
81	59	49 526	3 052,568	20 126,039	6,593	6,129
82	60	46 112	2 746,030	17 073,471	6,218	5,753
83	61	42 536	2 447,421	14 327,441	5,854	5,390
84	62	38 849	2 159,674	11 880,020	5,501	5,037
85	63	35 059	1 883,061	9 720,346	5,162	4,698
86	64	31 177	1 617,935	7 837,286	4,844	4,380
87	65	27 301	1 368,912	6 219,351	4,543	4,079
88	66	23 506	1 138,748	4 850,438	4,259	3,795
89	67	19 835	928,423	3 711,691	3,998	3,534
90	68	16 403	741,815	2 783,268	3,752	3,288
91	69	13 284	580,459	2 041,453	3,517	3,053
92	70	10 517	443,990	1 460,994	3,291	2,827
93	71	8 044	328,108	1 017,003	3,100	2,636
94	72	6 003	236,560	688,895	2,912	2,448
95	73	4 317	164,374	452,335	2,752	2,288
96	74	3 014	110,888	287,962	2,597	2,133
97	75	2 006	71,304	177,074	2,483	2,019
98	76	1 305	44,826	105,769	2,360	1,896
99	77	816	27,084	60,944	2,250	1,786
100	78	491	15,741	33,859	2,151	1,687

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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23	0	99 216	44 973,184	1 108 614,080	24,651	24,187
24	1	98 877	43 304,020	1 063 640,897	24,562	24,098
25	2	98 806	41 809,396	1 020 336,877	24,404	23,940
26	3	98 750	40 372,846	978 527,481	24,237	23,773
27	4	98 695	38 985,661	938 154,635	24,064	23,600
28	5	98 640	37 646,306	899 168,974	23,885	23,421
29	6	98 583	36 352,369	861 522,668	23,699	23,235
30	7	98 523	35 101,634	825 170,299	23,508	23,044
31	8	98 463	33 894,008	790 068,665	23,310	22,846
32	9	98 396	32 725,385	756 174,657	23,107	22,643
33	10	98 327	31 596,750	723 449,272	22,896	22,432
34	11	98 250	30 504,140	691 852,522	22,681	22,217
35	12	98 166	29 447,641	661 348,382	22,458	21,994
36	13	98 080	28 426,769	631 900,741	22,229	21,765
37	14	97 986	27 439,286	603 473,972	21,993	21,529
38	15	97 881	26 482,969	576 034,686	21,751	21,287
39	16	97 765	25 556,981	549 551,717	21,503	21,039
40	17	97 642	24 661,596	523 994,736	21,247	20,783
41	18	97 508	23 794,896	499 333,140	20,985	20,521
42	19	97 358	22 955,050	475 538,244	20,716	20,252
43	20	97 201	22 142,967	452 583,194	20,439	19,975
44	21	97 033	21 357,280	430 440,227	20,154	19,690
45	22	96 843	20 594,555	409 082,946	19,864	19,400
46	23	96 638	19 855,913	388 488,391	19,565	19,101
47	24	96 410	19 139,206	368 632,478	19,261	18,797
48	25	96 164	18 444,880	349 493,272	18,948	18,484
49	26	95 890	17 770,435	331 048,392	18,629	18,165
50	27	95 588	17 115,266	313 277,957	18,304	17,840
51	28	95 249	16 477,971	296 162,692	17,973	17,509
52	29	94 874	15 858,069	279 684,721	17,637	17,173
53	30	94 457	15 254,414	263 826,652	17,295	16,831
54	31	93 983	14 664,679	248 572,238	16,950	16,486
55	32	93 454	14 089,022	233 907,559	16,602	16,138
56	33	92 870	13 527,460	219 818,537	16,250	15,786
57	34	92 225	12 979,234	206 291,077	15,894	15,430
58	35	91 512	12 443,319	193 311,843	15,535	15,071
59	36	90 728	11 919,555	180 868,524	15,174	14,710
60	37	89 876	11 408,321	168 948,969	14,809	14,345
61	38	88 950	10 908,986	157 540,648	14,441	13,977
62	39	87 934	10 419,735	146 631,662	14,072	13,608
63	40	86 832	9 941,180	136 211,927	13,702	13,238
64	41	85 646	9 473,849	126 270,747	13,328	12,864
65	42	84 363	9 016,339	116 796,898	12,954	12,490
66	43	82 996	8 570,290	107 780,559	12,576	12,112
67	44	81 544	8 135,574	99 210,269	12,195	11,731
68	45	79 999	7 711,507	91 074,695	11,810	11,346
69	46	78 374	7 299,405	83 363,188	11,421	10,957
70	47	76 627	6 895,355	76 063,782	11,031	10,567
71	48	74 815	6 504,668	69 168,427	10,634	10,170
72	49	72 856	6 120,081	62 663,758	10,239	9,775
73	50	70 824	5 748,227	56 543,677	9,837	9,373
74	51	68 660	5 384,194	50 795,450	9,434	8,970
75	52	66 384	5 029,611	45 411,256	9,029	8,565
76	53	64 002	4 685,186	40 381,644	8,619	8,155
77	54	61 465	4 347,286	35 696,459	8,211	7,747
78	55	58 793	4 017,704	31 349,172	7,803	7,339
79	56	55 938	3 693,309	27 331,468	7,400	6,936
80	57	52 925	3 376,205	23 638,160	7,001	6,537
81	58	49 742	3 065,902	20 261,954	6,609	6,145
82	59	46 330	2 759,015	17 196,052	6,233	5,769
83	60	42 762	2 460,402	14 437,037	5,868	5,404
84	61	39 071	2 172,024	11 976,635	5,514	5,050
85	62	35 275	1 894,683	9 804,611	5,175	4,711
86	63	31 389	1 628,929	7 909,928	4,856	4,392
87	64	27 507	1 379,219	6 280,999	4,554	4,090
88	65	23 695	1 147,897	4 901,780	4,270	3,806
89	66	20 011	936,630	3 753,883	4,008	3,544
90	67	16 560	748,917	2 817,254	3,762	3,298
91	68	13 425	586,598	2 068,337	3,526	3,062
92	69	10 640	449,181	1 481,739	3,299	2,835
93	70	8 147	332,295	1 032,559	3,107	2,643
94	71	6 086	239,846	700,264	2,920	2,456
95	72	4 382	166,845	460,418	2,760	2,296
96	73	3 064	112,739	293,573	2,604	2,140
97	74	2 042	72,600	180,834	2,491	2,027
98	75	1 331	45,705	108,234	2,368	1,904
99	76	834	27,681	62,530	2,259	1,795
100	77	503	16,125	34,848	2,161	1,697

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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24	0	99 175	43 434,556	1 064 206,823	24,501	24,037
25	1	98 830	41 819,765	1 020 772,268	24,409	23,945
26	2	98 763	40 377,862	978 952,503	24,245	23,781
27	3	98 705	38 989,681	938 574,641	24,072	23,608
28	4	98 649	37 649,909	899 584,959	23,893	23,429
29	5	98 592	36 355,607	861 935,050	23,708	23,244
30	6	98 532	35 104,739	825 579,443	23,518	23,054
31	7	98 468	33 895,583	790 474,704	23,321	22,857
32	8	98 403	32 727,666	756 579,121	23,117	22,653
33	9	98 333	31 598,683	723 851,455	22,908	22,444
34	10	98 255	30 505,924	692 252,772	22,692	22,228
35	11	98 174	29 449,918	661 746,848	22,470	22,006
36	12	98 088	28 429,002	632 296,930	22,241	21,777
37	13	97 996	27 441,872	603 867,929	22,005	21,541
38	14	97 890	26 485,411	576 426,057	21,764	21,300
39	15	97 777	25 560,091	549 940,646	21,516	21,052
40	16	97 656	24 665,228	524 380,555	21,260	20,796
41	17	97 521	23 798,137	499 715,327	20,998	20,534
42	18	97 377	22 959,574	475 917,191	20,728	20,264
43	19	97 218	22 146,838	452 957,617	20,452	19,988
44	20	97 051	21 361,230	430 810,779	20,168	19,704
45	21	96 859	20 597,952	409 449,550	19,878	19,414
46	22	96 653	19 859,146	388 851,598	19,580	19,116
47	23	96 427	19 142,651	368 992,451	19,276	18,812
48	24	96 181	18 448,199	349 849,800	18,964	18,500
49	25	95 909	17 773,816	331 401,601	18,645	18,181
50	26	95 605	17 118,487	313 627,785	18,321	17,857
51	27	95 270	16 481,518	296 509,298	17,990	17,526
52	28	94 897	15 861,807	280 027,780	17,654	17,190
53	29	94 481	15 258,362	264 165,974	17,313	16,849
54	30	94 013	14 669,331	248 907,611	16,968	16,504
55	31	93 484	14 093,447	234 238,280	16,620	16,156
56	32	92 902	13 532,096	220 144,833	16,268	15,804
57	33	92 258	12 983,912	206 612,736	15,913	15,449
58	34	91 549	12 448,373	193 628,824	15,555	15,091
59	35	90 765	11 924,469	181 180,451	15,194	14,730
60	36	89 917	11 413,554	169 255,982	14,829	14,365
61	37	88 992	10 914,167	157 842,428	14,462	13,998
62	38	87 987	10 426,025	146 928,261	14,092	13,628
63	39	86 884	9 947,160	136 502,237	13,723	13,259
64	40	85 705	9 480,350	126 555,077	13,349	12,885
65	41	84 426	9 023,018	117 074,727	12,975	12,511
66	42	83 062	8 577,098	108 051,709	12,598	12,134
67	43	81 618	8 142,968	99 474,610	12,216	11,752
68	44	80 076	7 718,999	91 331,642	11,832	11,368
69	45	78 464	7 307,826	83 612,643	11,442	10,977
70	46	76 720	6 903,761	76 304,817	11,053	10,589
71	47	74 918	6 513,594	69 401,056	10,655	10,191
72	48	72 972	6 129,852	62 887,462	10,259	9,795
73	49	70 948	5 758,293	56 757,610	9,857	9,393
74	50	68 788	5 394,191	50 999,317	9,454	8,990
75	51	66 526	5 040,411	45 605,126	9,048	8,584
76	52	64 152	4 696,142	40 564,715	8,638	8,174
77	53	61 623	4 358,478	35 868,573	8,230	7,766
78	54	58 963	4 029,343	31 510,095	7,820	7,356
79	55	56 120	3 705,334	27 480,752	7,417	6,953
80	56	53 114	3 388,325	23 775,418	7,017	6,553
81	57	49 938	3 077,981	20 387,093	6,624	6,160
82	58	46 532	2 771,068	17 309,112	6,246	5,782
83	59	42 964	2 472,037	14 538,044	5,881	5,417
84	60	39 278	2 183,544	12 066,008	5,526	5,062
85	61	35 477	1 905,518	9 882,464	5,186	4,722
86	62	31 582	1 638,983	7 976,946	4,867	4,403
87	63	27 694	1 388,590	6 337,963	4,564	4,100
88	64	23 873	1 156,539	4 949,373	4,279	3,815
89	65	20 171	944,155	3 792,833	4,017	3,553
90	66	16 707	755,537	2 848,678	3,770	3,306
91	67	13 553	592,213	2 093,142	3,534	3,070
92	68	10 752	453,931	1 500,928	3,307	2,842
93	69	8 242	336,179	1 046,997	3,114	2,650
94	70	6 164	242,906	710,818	2,926	2,462
95	71	4 443	169,163	467,912	2,766	2,302
96	72	3 110	114,434	298,748	2,611	2,147
97	73	2 077	73,811	184,314	2,497	2,033
98	74	1 355	46,535	110,503	2,375	1,911
99	75	851	28,224	63,968	2,266	1,802
100	76	514	16,480	35,744	2,169	1,705

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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25	0	99 128	41 945,827	1 021 296,655	24,348	23,884
26	1	98 787	40 387,876	979 350,828	24,249	23,785
27	2	98 717	38 994,526	938 962,953	24,079	23,615
28	3	98 659	37 653,792	899 968,427	23,901	23,437
29	4	98 601	36 359,086	862 314,635	23,717	23,253
30	5	98 541	35 107,867	825 955,549	23,526	23,062
31	6	98 476	33 898,582	790 847,682	23,330	22,866
32	7	98 407	32 729,186	756 949,101	23,128	22,664
33	8	98 340	31 600,885	724 219,915	22,918	22,454
34	9	98 261	30 507,790	692 619,029	22,703	22,239
35	10	98 180	29 451,641	662 111,239	22,481	22,017
36	11	98 095	28 431,200	632 659,598	22,252	21,788
37	12	98 003	27 444,027	604 228,398	22,017	21,553
38	13	97 900	26 487,907	576 784,371	21,775	21,311
39	14	97 786	25 562,447	550 296,465	21,528	21,064
40	15	97 668	24 668,229	524 734,017	21,272	20,808
41	16	97 535	23 801,641	500 065,788	21,010	20,546
42	17	97 391	22 962,700	476 264,147	20,741	20,277
43	18	97 237	22 151,202	453 301,446	20,464	20,000
44	19	97 068	21 364,964	431 150,244	20,180	19,716
45	20	96 877	20 601,761	409 785,280	19,891	19,427
46	21	96 669	19 862,422	389 183,520	19,594	19,130
47	22	96 443	19 145,768	369 321,098	19,290	18,826
48	23	96 199	18 451,520	350 175,330	18,978	18,514
49	24	95 926	17 777,014	331 723,810	18,660	18,196
50	25	95 624	17 121,744	313 946,795	18,336	17,872
51	26	95 288	16 484,620	296 825,051	18,006	17,542
52	27	94 917	15 865,221	280 340,431	17,670	17,206
53	28	94 504	15 261,959	264 475,211	17,329	16,865
54	29	94 038	14 673,128	249 213,252	16,984	16,520
55	30	93 513	14 097,918	234 540,124	16,637	16,172
56	31	92 931	13 536,347	220 442,205	16,285	15,821
57	32	92 290	12 988,363	206 905,859	15,930	15,466
58	33	91 582	12 452,860	193 917,496	15,572	15,108
59	34	90 802	11 929,312	181 464,636	15,212	14,748
60	35	89 954	11 418,260	169 535,323	14,848	14,384
61	36	89 033	10 919,173	158 117,064	14,481	14,017
62	37	88 029	10 430,976	147 197,891	14,112	13,648
63	38	86 937	9 953,164	136 766,915	13,741	13,277
64	39	85 757	9 486,052	126 813,751	13,368	12,904
65	40	84 484	9 029,209	117 327,698	12,994	12,530
66	41	83 124	8 583,452	108 298,489	12,617	12,153
67	42	81 683	8 149,437	99 715,036	12,236	11,772
68	43	80 149	7 726,015	91 565,600	11,852	11,388
69	44	78 541	7 314,925	83 839,585	11,461	10,997
70	45	76 809	6 911,725	76 524,659	11,072	10,608
71	46	75 009	6 521,534	69 612,935	10,674	10,210
72	47	73 072	6 138,264	63 091,401	10,278	9,814
73	48	71 061	5 767,487	56 953,137	9,875	9,411
74	49	68 908	5 403,637	51 185,650	9,472	9,008
75	50	66 650	5 049,769	45 782,013	9,066	8,602
76	51	64 289	4 706,226	40 732,244	8,655	8,191
77	52	61 767	4 368,669	36 026,018	8,246	7,782
78	53	59 115	4 039,716	31 657,348	7,837	7,373
79	54	56 282	3 716,069	27 617,632	7,432	6,968
80	55	53 287	3 399,358	23 901,564	7,031	6,567
81	56	50 118	3 089,030	20 502,206	6,637	6,173
82	57	46 716	2 781,984	17 413,176	6,259	5,795
83	58	43 152	2 482,835	14 631,191	5,893	5,429
84	59	39 464	2 193,869	12 148,356	5,537	5,073
85	60	35 665	1 915,625	9 954,487	5,196	4,732
86	61	31 763	1 648,355	8 038,862	4,877	4,413
87	62	27 865	1 397,161	6 390,507	4,574	4,110
88	63	24 035	1 164,398	4 993,346	4,288	3,824
89	64	20 323	951,263	3 828,948	4,025	3,561
90	65	16 841	761,607	2 877,685	3,778	3,314
91	66	13 673	597,448	2 116,078	3,542	3,078
92	67	10 855	458,277	1 518,629	3,314	2,850
93	68	8 329	339,735	1 060,353	3,121	2,657
94	69	6 236	245,746	720,618	2,932	2,468
95	70	4 499	171,322	474,872	2,772	2,308
96	71	3 154	116,024	303,550	2,616	2,152
97	72	2 108	74,921	187,527	2,503	2,039
98	73	1 378	47,312	112,606	2,380	1,916
99	74	866	28,737	65,294	2,272	1,808
100	75	524	16,803	36,557	2,176	1,712

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	2 542 476,155	25,425	24,960
1	1	99 344	95 753,552	2 442 476,155	25,508	25,044
2	2	99 292	92 244,192	2 346 722,603	25,440	24,976
3	3	99 264	88 885,142	2 254 478,411	25,364	24,900
4	4	99 243	85 654,258	2 165 593,269	25,283	24,819
5	5	99 223	82 541,627	2 079 939,011	25,199	24,734
6	6	99 204	79 543,116	1 997 397,383	25,111	24,646
7	7	99 187	76 654,313	1 917 854,267	25,020	24,555
8	8	99 174	73 873,879	1 841 199,954	24,924	24,459
9	9	99 158	71 192,688	1 767 326,075	24,825	24,360
10	10	99 144	68 609,771	1 696 133,387	24,721	24,257
11	11	99 130	66 120,792	1 627 523,616	24,614	24,150
12	12	99 115	63 721,024	1 561 402,824	24,504	24,039
13	13	99 101	61 408,804	1 497 681,800	24,389	23,924
14	14	99 082	59 177,957	1 436 272,997	24,270	23,806
15	15	99 059	57 025,998	1 377 095,040	24,149	23,684
16	16	99 031	54 949,344	1 320 069,042	24,023	23,559
17	17	98 992	52 942,319	1 265 119,698	23,896	23,432
18	18	98 951	51 007,775	1 212 177,379	23,765	23,300
19	19	98 894	49 135,599	1 161 169,604	23,632	23,168
20	20	98 837	47 332,506	1 112 034,004	23,494	23,030
21	21	98 777	45 593,560	1 064 701,498	23,352	22,888
22	22	98 720	43 920,548	1 019 107,938	23,203	22,739
23	23	98 659	42 306,964	975 187,390	23,050	22,586
24	24	98 601	40 753,761	932 880,426	22,891	22,426
25	25	98 537	39 255,016	892 126,666	22,726	22,262
26	26	98 475	37 812,396	852 871,650	22,555	22,091
27	27	98 411	36 422,104	815 059,253	22,378	21,914
28	28	98 344	35 081,879	778 637,149	22,195	21,730
29	29	98 274	33 789,500	743 555,270	22,006	21,541
30	30	98 197	32 542,781	709 765,770	21,810	21,346
31	31	98 111	31 338,985	677 222,990	21,610	21,145
32	32	98 019	30 178,168	645 884,005	21,402	20,938
33	33	97 924	29 058,990	615 705,837	21,188	20,724
34	34	97 817	27 978,086	586 646,847	20,968	20,504
35	35	97 702	26 935,138	558 668,761	20,741	20,277
36	36	97 583	25 930,060	531 733,622	20,506	20,042
37	37	97 455	24 959,899	505 803,562	20,265	19,800
38	38	97 313	24 022,754	480 843,663	20,016	19,552
39	39	97 150	23 115,787	456 820,909	19,762	19,298
40	40	96 984	22 242,078	433 705,122	19,499	19,035
41	41	96 797	21 396,931	411 463,044	19,230	18,766
42	42	96 597	20 580,794	390 066,113	18,953	18,488
43	43	96 381	19 792,606	369 485,320	18,668	18,203
44	44	96 145	19 030,540	349 692,713	18,375	17,911
45	45	95 879	18 291,938	330 662,173	18,077	17,613
46	46	95 581	17 575,975	312 370,235	17,773	17,308
47	47	95 257	16 883,202	294 794,259	17,461	16,996
48	48	94 901	16 212,187	277 911,057	17,142	16,678
49	49	94 498	15 559,866	261 698,870	16,819	16,354
50	50	94 053	14 926,761	246 139,004	16,490	16,025
51	51	93 566	14 312,840	231 212,243	16,154	15,690
52	52	93 020	13 714,987	216 899,403	15,815	15,350
53	53	92 419	13 133,815	203 184,416	15,470	15,006
54	54	91 749	12 567,282	190 050,601	15,123	14,658
55	55	90 997	12 013,842	177 483,319	14,773	14,309
56	56	90 166	11 473,783	165 469,477	14,422	13,957
57	57	89 251	10 946,920	153 995,694	14,067	13,603
58	58	88 249	10 432,782	143 048,774	13,711	13,247
59	59	87 149	9 930,296	132 615,991	13,355	12,890
60	60	85 963	9 441,185	122 685,696	12,995	12,530
61	61	84 669	8 962,935	113 244,511	12,635	12,170
62	62	83 277	8 496,898	104 281,576	12,273	11,808
63	63	81 777	8 042,346	95 784,678	11,910	11,446
64	64	80 171	7 599,420	87 742,332	11,546	11,082
65	65	78 438	7 166,392	80 142,912	11,183	10,719
66	66	76 613	6 746,640	72 976,520	10,817	10,352
67	67	74 681	6 338,769	66 229,880	10,448	9,984
68	68	72 641	5 942,815	59 891,111	10,078	9,613
69	69	70 502	5 559,353	53 948,296	9,704	9,240
70	70	68 217	5 184,745	48 388,943	9,333	8,869
71	71	65 856	4 824,334	43 204,198	8,955	8,491
72	72	63 353	4 473,245	38 379,864	8,580	8,115
73	73	60 780	4 136,471	33 906,618	8,197	7,733
74	74	58 064	3 808,781	29 770,147	7,816	7,352
75	75	55 255	3 493,529	25 961,367	7,431	6,967
76	76	52 370	3 191,464	22 467,838	7,040	6,576
77	77	49 336	2 897,889	19 276,375	6,652	6,187
78	78	46 202	2 615,714	16 378,486	6,262	5,797
79	79	42 891	2 340,480	13 762,771	5,880	5,416
80	80	39 447	2 074,744	11 422,292	5,505	5,041
81	81	35 864	1 818,122	9 347,548	5,141	4,677
82	82	32 118	1 569,365	7 529,426	4,798	4,333
83	83	28 314	1 333,473	5 960,061	4,470	4,005
84	84	24 532	1 113,620	4 626,588	4,155	3,690
85	85	20 824	911,116	3 512,968	3,856	3,391
86	86	17 225	726,402	2 601,852	3,582	3,117
87	87	13 872	563,880	1 875,450	3,326	2,862
88	88	10 836	424,556	1 311,571	3,089	2,625
89	89	8 172	308,576	887,015	2,875	2,410
90	90	5 939	216,153	578,439	2,676	2,212
91	91	4 144	145,367	362,286	2,492	2,028
92	92	2 762	93,407	216,919	2,322	1,858
93	93	1 739	56,664	123,512	2,180	1,715
94	94	1 041	32,686	66,848	2,045	1,581
95	95	585	17,705	34,162	1,930	1,465
96	96	310	9,052	16,457	1,818	1,354
97	97	150	4,223	7,405	1,753	1,289
98	98	70	1,893	3,182	1,681	1,217
99	99	31	0,801	1,289	1,609	1,145
100	100	13	0,315	0,488	1,547	1,083

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 699	99 699,466	2 539 248,540	25,469	25,005	50	51	93 878	14 899,099	243 754,065	16,360	15,896
1	2	99 320	95 729,811	2 439 549,074	25,484	25,019	51	52	93 366	14 282,172	228 854,966	16,024	15,559
2	3	99 280	92 232,733	2 343 819,264	25,412	24,948	52	53	92 803	13 682,991	214 572,794	15,682	15,217
3	4	99 254	88 875,975	2 251 586,531	25,334	24,870	53	54	92 182	13 100,092	200 889,804	15,335	14,871
4	5	99 234	85 646,063	2 162 710,556	25,252	24,787	54	55	91 483	12 530,979	187 789,712	14,986	14,522
5	6	99 214	82 534,274	2 077 064,493	25,166	24,702	55	56	90 702	11 974,852	175 258,733	14,636	14,171
6	7	99 196	79 536,080	1 994 530,218	25,077	24,613	56	57	89 843	11 432,742	163 283,881	14,282	13,818
7	8	99 182	76 650,752	1 914 994,138	24,983	24,519	57	58	88 901	10 903,963	151 851,140	13,926	13,462
8	9	99 167	73 868,731	1 838 343,386	24,887	24,422	58	59	87 865	10 387,406	140 947,176	13,569	13,105
9	10	99 152	71 188,333	1 764 474,655	24,786	24,322	59	60	86 738	9 883,560	130 559,770	13,210	12,745
10	11	99 138	68 605,758	1 693 286,322	24,681	24,217	60	61	85 510	9 391,374	120 676,210	12,850	12,385
11	12	99 123	66 115,679	1 624 680,564	24,573	24,109	61	62	84 188	8 911,972	111 284,837	12,487	12,023
12	13	99 107	63 716,020	1 558 564,885	24,461	23,997	62	63	82 766	8 444,775	102 372,864	12,123	11,658
13	14	99 091	61 403,018	1 494 848,866	24,345	23,880	63	64	81 226	7 988,069	93 928,090	11,759	11,294
14	15	99 073	59 172,500	1 433 445,848	24,225	23,760	64	65	79 572	7 542,632	85 940,021	11,394	10,929
15	16	99 047	57 019,060	1 374 273,347	24,102	23,638	65	66	77 813	7 109,272	78 397,389	11,027	10,563
16	17	99 017	54 941,253	1 317 254,288	23,976	23,511	66	67	75 942	6 687,526	71 288,116	10,660	10,195
17	18	98 979	52 935,111	1 262 313,035	23,846	23,382	67	68	73 972	6 278,663	64 600,591	10,289	9,824
18	19	98 932	50 997,726	1 209 377,924	23,714	23,250	68	69	71 881	5 880,620	58 321,928	9,918	9,453
19	20	98 877	49 127,011	1 158 380,199	23,579	23,115	69	70	69 688	5 495,117	52 441,308	9,543	9,079
20	21	98 819	47 323,755	1 109 253,188	23,440	22,975	70	71	67 358	5 119,424	46 946,191	9,170	8,706
21	22	98 760	45 586,042	1 061 929,432	23,295	22,831	71	72	64 953	4 758,232	41 826,767	8,790	8,326
22	23	98 704	43 913,397	1 016 343,390	23,144	22,680	72	73	62 414	4 406,981	37 068,535	8,411	7,947
23	24	98 642	42 299,350	972 429,993	22,989	22,525	73	74	59 782	4 068,566	32 661,555	8,028	7,563
24	25	98 583	40 746,428	930 130,643	22,827	22,363	74	75	57 028	3 740,820	28 592,989	7,644	7,179
25	26	98 518	39 247,549	889 384,215	22,661	22,196	75	76	54 192	3 426,343	24 852,169	7,253	6,789
26	27	98 456	37 805,280	850 136,667	22,487	22,023	76	77	51 241	3 122,637	21 425,826	6,861	6,397
27	28	98 390	36 414,267	812 331,387	22,308	21,844	77	78	48 162	2 828,929	18 303,189	6,470	6,006
28	29	98 321	35 073,612	775 917,120	22,123	21,658	78	79	44 934	2 543,918	15 474,260	6,083	5,618
29	30	98 248	33 780,757	740 843,508	21,931	21,467	79	80	41 544	2 266,955	12 930,342	5,704	5,239
30	31	98 166	32 532,460	707 062,751	21,734	21,270	80	81	38 009	1 999,096	10 663,387	5,334	4,870
31	32	98 080	31 329,144	674 530,291	21,530	21,066	81	82	34 334	1 740,535	8 664,291	4,978	4,514
32	33	97 986	30 167,828	643 201,147	21,321	20,856	82	83	30 532	1 491,871	6 923,756	4,641	4,177
33	34	97 888	29 048,519	613 033,318	21,104	20,639	83	84	26 708	1 257,850	5 431,884	4,318	3,854
34	35	97 777	27 966,727	583 984,800	20,881	20,417	84	85	22 934	1 041,053	4 174,034	4,009	3,545
35	36	97 662	26 924,037	556 018,072	20,651	20,187	85	86	19 239	841,757	3 132,981	3,722	3,258
36	37	97 539	25 918,171	529 094,035	20,414	19,950	86	87	15 723	663,074	2 291,224	3,455	2,991
37	38	97 408	24 948,052	503 175,863	20,169	19,705	87	88	12 486	507,522	1 628,150	3,208	2,744
38	39	97 254	24 008,262	478 227,812	19,919	19,455	88	89	9 599	376,071	1 120,627	2,980	2,515
39	40	97 092	23 101,891	454 219,550	19,662	19,197	89	90	7 113	268,610	744,557	2,772	2,307
40	41	96 917	22 226,827	431 117,659	19,396	18,932	90	91	5 063	184,276	475,947	2,583	2,118
41	42	96 726	21 381,091	408 890,832	19,124	18,660	91	92	3 449	120,998	291,671	2,411	1,946
42	43	96 520	20 564,458	387 509,741	18,844	18,379	92	93	2 244	75,893	170,673	2,249	1,784
43	44	96 293	19 774,633	366 945,283	18,556	18,092	93	94	1 375	44,823	94,779	2,115	1,650
44	45	96 052	19 012,070	347 170,650	18,261	17,796	94	95	801	25,163	49,957	1,985	1,521
45	46	95 769	18 270,862	328 158,580	17,961	17,496	95	96	437	13,229	24,794	1,874	1,410
46	47	95 465	17 554,576	309 887,718	17,653	17,188	96	97	222	6,466	11,565	1,789	1,324
47	48	95 126	16 860,067	292 333,142	17,339	16,874	97	98	105	2,960	5,099	1,722	1,258
48	49	94 750	16 186,344	275 473,075	17,019	16,554	98	99	48	1,300	2,138	1,644	1,180
49	50	94 333	15 532,666	259 286,731	16,693	16,229	99	100	20	0,531	0,838	1,578	1,113

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 675	99 674,746	2 536 085,691	25,444	24,979	50	52	93 677	14 867,175	241 183,101	16,223	15,758
1	3	99 307	95 717,918	2 436 410,945	25,454	24,990	51	53	93 148	14 248,852	226 315,926	15,883	15,419
2	4	99 270	92 223,221	2 340 693,026	25,381	24,916	52	54	92 565	13 647,857	212 067,074	15,538	15,074
3	5	99 245	88 867,471	2 248 469,805	25,301	24,837	53	55	91 915	13 062,249	198 419,217	15,190	14,726
4	6	99 225	85 638,433	2 159 602,334	25,218	24,753	54	56	91 187	12 490,311	185 356,968	14,840	14,376
5	7	99 206	82 526,974	2 073 963,901	25,131	24,666	55	57	90 377	11 932,018	172 866,657	14,488	14,023
6	8	99 191	79 532,385	1 991 436,927	25,039	24,575	56	58	89 490	11 387,878	160 934,639	14,132	13,668
7	9	99 175	76 645,411	1 911 904,542	24,945	24,480	57	59	88 514	10 856,537	149 546,761	13,775	13,310
8	10	99 161	73 864,212	1 835 259,131	24,846	24,382	58	60	87 452	10 338,519	138 690,224	13,415	12,950
9	11	99 146	71 184,169	1 761 394,919	24,744	24,280	59	61	86 281	9 831,415	128 351,705	13,055	12,591
10	12	99 131	68 600,453	1 690 210,750	24,638	24,174	60	62	85 024	9 337,975	118 520,290	12,692	12,228
11	13	99 115	66 110,487	1 621 610,297	24,529	24,064	61	63	83 671	8 857,302	109 182,315	12,327	11,862
12	14	99 098	63 710,017	1 555 499,810	24,415	23,951	62	64	82 207	8 387,782	100 325,012	11,961	11,496
13	15	99 082	61 397,356	1 491 789,793	24,297	23,833	63	65	80 619	7 928,377	91 937,230	11,596	11,132
14	16	99 061	59 165,301	1 430 392,437	24,176	23,712	64	66	78 938	7 482,514	84 008,854	11,227	10,763
15	17	99 032	57 010,664	1 371 227,136	24,052	23,588	65	67	77 131	7 046,980	76 526,340	10,859	10,395
16	18	99 003	54 933,772	1 314 216,472	23,924	23,459	66	68	75 222	6 624,113	69 479,360	10,489	10,024
17	19	98 959	52 924,681	1 259 282,700	23,794	23,329	67	69	73 198	6 212,953	62 855,247	10,117	9,652
18	20	98 915	50 988,812	1 206 358,019	23,659	23,195	68	70	71 050	5 812,672	56 642,294	9,745	9,280
19	21	98 859	49 117,929	1 155 369,207	23,522	23,058	69	71	68 810	5 425,885	50 829,622	9,368	8,904
20	22	98 803	47 315,951	1 106 251,279	23,380	22,916	70	72	66 435	5 049,279	45 403,737	8,992	8,528
21	23	98 744	45 578,620	1 058 935,327	23,233	22,769	71	73	63 991	4 687,746	40 354,459	8,609	8,144
22	24	98 686	43 905,494	1 013 356,707	23,080	22,616	72	74	61 390	4 334,635	35 666,713	8,228	7,764
23	25	98 624	42 291,739	969 451,213	22,923	22,459	73	75	58 716	3 995,970	31 332,078	7,841	7,376
24	26	98 565	40 738,677	927 159,474	22,759	22,294	74	76	55 931	3 668,879	27 336,109	7,451	6,986
25	27	98 499	39 240,162	886 420,797	22,590	22,125	75	77	53 024	3 352,451	23 667,230	7,060	6,595
26	28	98 435	37 797,145	847 180,634	22,414	21,949	76	78	50 022	3 048,329	20 314,779	6,664	6,200
27	29	98 367	36 405,686	809 383,489	22,232	21,768	77	79	46 840	2 751,281	17 266,450	6,276	5,811
28	30	98 296	35 064,536	772 977,803	22,044	21,580	78	80	43 522	2 464,002	14 515,169	5,891	5,426
29	31	98 217	33 770,044	737 913,267	21,851	21,387	79	81	40 029	2 184,298	12 051,167	5,517	5,053
30	32	98 135	32 522,245	704 143,224	21,651	21,187	80	82	36 387	1 913,787	9 866,869	5,156	4,691
31	33	98 046	31 318,410	671 620,979	21,445	20,981	81	83	32 638	1 654,590	7 953,082	4,807	4,342
32	34	97 951	30 156,958	640 302,569	21,232	20,768	82	84	28 801	1 407,265	6 298,493	4,476	4,011
33	35	97 849	29 036,725	610 145,611	21,013	20,548	83	85	24 968	1 175,885	4 891,228	4,160	3,695
34	36	97 737	27 955,201	581 108,885	20,787	20,323	84	86	21 188	961,803	3 715,343	3,863	3,398
35	37	97 617	26 911,693	553 153,684	20,554	20,090	85	87	17 561	768,373	2 753,540	3,584	3,119
36	38	97 492	25 905,869	526 241,991	20,314	19,849	86	88	14 152	596,803	1 985,167	3,326	2,862
37	39	97 350	24 933,002	500 336,122	20,067	19,603	87	89	11 060	449,562	1 388,364	3,088	2,624
38	40	97 196	23 993,829	475 403,120	19,814	19,349	88	90	8 356	327,363	938,801	2,868	2,403
39	41	97 025	23 086,050	451 409,291	19,553	19,089	89	91	6 064	228,996	611,439	2,670	2,206
40	42	96 846	22 210,373	428 323,241	19,285	18,820	90	92	4 214	153,385	382,442	2,493	2,029
41	43	96 649	21 364,120	406 112,868	19,009	18,545	91	93	2 802	98,311	229,058	2,330	1,866
42	44	96 432	20 545,784	384 748,748	18,726	18,262	92	94	1 775	60,034	130,747	2,178	1,713
43	45	96 200	19 755,441	364 202,964	18,436	17,971	93	95	1 059	34,506	70,713	2,049	1,585
44	46	95 941	18 990,163	344 447,523	18,138	17,674	94	96	599	18,802	36,207	1,926	1,461
45	47	95 652	18 248,617	325 457,360	17,835	17,370	95	97	312	9,450	17,405	1,842	1,377
46	48	95 334	17 530,521	307 208,744	17,524	17,060	96	98	155	4,533	7,954	1,755	1,291
47	49	94 975	16 833,191	289 678,222	17,209	16,744	97	99	72	2,033	3,422	1,683	1,218
48	50	94 584	16 158,049	272 845,031	16,886	16,422	98	100	32	0,862	1,388	1,611	1,146
49	51	94 158	15 503,881	256 686,982	16,556	16,092							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 662	99 662,364	2 532 699,830	25,413	24,948
1	4	99 297	95 708,047	2 433 037,465	25,421	24,957
2	5	99 260	92 214,397	2 337 329,418	25,347	24,882
3	6	99 236	88 859,555	2 245 115,021	25,266	24,801
4	7	99 216	85 630,858	2 156 255,467	25,181	24,716
5	8	99 201	82 523,140	2 070 624,609	25,091	24,627
6	9	99 184	79 526,843	1 988 101,469	24,999	24,535
7	10	99 169	76 640,722	1 908 574,626	24,903	24,438
8	11	99 155	73 859,892	1 831 933,904	24,803	24,338
9	12	99 139	71 178,665	1 758 074,013	24,699	24,235
10	13	99 123	68 595,066	1 686 895,348	24,592	24,128
11	14	99 106	66 104,259	1 618 300,282	24,481	24,017
12	15	99 089	63 704,143	1 552 196,023	24,366	23,901
13	16	99 070	61 389,886	1 488 491,881	24,247	23,782
14	17	99 046	59 156,589	1 427 101,995	24,124	23,660
15	18	99 019	57 002,901	1 367 945,406	23,998	23,533
16	19	98 984	54 922,949	1 310 942,505	23,869	23,404
17	20	98 942	52 915,431	1 256 019,556	23,736	23,272
18	21	98 896	50 979,385	1 203 104,125	23,600	23,135
19	22	98 842	49 109,829	1 152 124,740	23,460	22,996
20	23	98 787	47 308,248	1 103 014,911	23,315	22,851
21	24	98 726	45 570,418	1 055 706,663	23,166	22,702
22	25	98 669	43 897,594	1 010 136,245	23,011	22,547
23	26	98 605	42 283,694	966 238,651	22,851	22,387
24	27	98 546	40 731,010	923 954,957	22,684	22,220
25	28	98 478	39 231,718	883 223,947	22,513	22,049
26	29	98 412	37 788,239	843 992,229	22,335	21,870
27	30	98 341	36 396,265	806 203,990	22,151	21,686
28	31	98 265	35 053,416	769 807,725	21,961	21,497
29	32	98 186	33 759,440	734 754,309	21,764	21,300
30	33	98 101	32 511,102	700 994,869	21,562	21,097
31	34	98 011	31 307,125	668 483,767	21,352	20,888
32	35	97 911	30 144,714	637 176,642	21,137	20,673
33	36	97 808	29 024,758	607 031,927	20,914	20,450
34	37	97 692	27 942,384	578 007,169	20,686	20,221
35	38	97 570	26 898,919	550 064,785	20,449	19,985
36	39	97 433	25 890,241	523 165,866	20,207	19,743
37	40	97 291	24 918,013	497 275,625	19,956	19,492
38	41	97 129	23 977,377	472 357,612	19,700	19,236
39	42	96 954	23 068,960	448 380,235	19,437	18,972
40	43	96 769	22 192,743	425 311,274	19,164	18,700
41	44	96 561	21 344,720	403 118,531	18,886	18,422
42	45	96 339	20 525,842	381 773,811	18,600	18,135
43	46	96 089	19 732,678	361 247,968	18,307	17,843
44	47	95 824	18 967,042	341 515,291	18,006	17,541
45	48	95 521	18 223,611	322 548,248	17,699	17,235
46	49	95 182	17 502,577	304 324,638	17,387	16,923
47	50	94 809	16 803,766	286 822,061	17,069	16,604
48	51	94 409	16 128,105	270 018,295	16,742	16,278
49	52	93 956	15 470,661	253 890,190	16,411	15,947
50	53	93 459	14 832,490	238 419,529	16,074	15,610
51	54	92 909	14 212,265	223 587,039	15,732	15,268
52	55	92 297	13 608,433	209 374,774	15,386	14,921
53	56	91 617	13 019,857	195 766,342	15,036	14,572
54	57	90 860	12 445,633	182 746,485	14,684	14,219
55	58	90 023	11 885,195	170 300,852	14,329	13,864
56	59	89 101	11 338,347	158 415,656	13,972	13,507
57	60	88 098	10 805,443	147 077,309	13,611	13,147
58	61	86 990	10 283,973	136 271,866	13,251	12,786
59	62	85 790	9 775,514	125 987,893	12,888	12,424
60	63	84 502	9 280,692	116 212,378	12,522	12,058
61	64	83 106	8 797,525	106 931,686	12,155	11,690
62	65	81 593	8 325,103	98 134,161	11,788	11,323
63	66	79 976	7 865,184	89 809,058	11,419	10,954
64	67	78 246	7 416,951	81 943,874	11,048	10,584
65	68	76 400	6 980,159	74 526,923	10,677	10,213
66	69	74 434	6 554,787	67 546,764	10,305	9,841
67	70	72 353	6 141,164	60 991,977	9,932	9,467
68	71	70 155	5 739,439	54 850,812	9,557	9,092
69	72	67 867	5 351,541	49 111,373	9,177	8,713
70	73	65 451	4 974,481	43 759,832	8,797	8,332
71	74	62 941	4 610,791	38 785,352	8,412	7,947
72	75	60 294	4 257,291	34 174,561	8,027	7,563
73	76	57 586	3 919,122	29 917,270	7,634	7,169
74	77	54 725	3 589,756	25 998,148	7,242	6,778
75	78	51 762	3 272,674	22 408,392	6,847	6,383
76	79	48 649	2 964,658	19 135,718	6,455	5,990
77	80	45 369	2 664,851	16 171,059	6,068	5,604
78	81	41 936	2 374,161	13 506,209	5,689	5,224
79	82	38 321	2 091,086	11 132,047	5,324	4,859
80	83	34 590	1 819,286	9 040,962	4,970	4,505
81	84	30 787	1 560,755	7 221,676	4,627	4,163
82	85	26 924	1 315,563	5 660,920	4,303	3,839
83	86	23 067	1 086,371	4 345,357	4,000	3,535
84	87	19 341	877,953	3 258,986	3,712	3,248
85	88	15 806	691,578	2 381,033	3,443	2,978
86	89	12 536	528,647	1 689,456	3,196	2,731
87	90	9 628	391,336	1 160,809	2,966	2,502
88	91	7 123	279,085	769,473	2,757	2,293
89	92	5 048	190,609	490,388	2,573	2,108
90	93	3 424	124,625	299,780	2,405	1,941
91	94	2 217	77,766	175,155	2,252	1,788
92	95	1 367	46,216	97,388	2,107	1,643
93	96	791	25,784	51,172	1,985	1,520
94	97	428	13,431	25,389	1,890	1,426
95	98	219	6,625	11,957	1,805	1,341
96	99	107	3,113	5,333	1,713	1,248
97	100	48	1,348	2,219	1,646	1,182

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 652	99 652,086	2 529 066,425	25,379	24,915
1	5	99 288	95 698,889	2 429 414,339	25,386	24,922
2	6	99 251	92 206,182	2 333 715,449	25,310	24,845
3	7	99 227	88 851,694	2 241 509,267	25,228	24,763
4	8	99 212	85 626,880	2 152 657,573	25,140	24,676
5	9	99 194	82 517,389	2 067 030,693	25,050	24,585
6	10	99 178	79 521,978	1 984 513,304	24,956	24,491
7	11	99 163	76 636,239	1 904 991,326	24,858	24,393
8	12	99 147	73 854,180	1 828 355,087	24,756	24,292
9	13	99 131	71 173,075	1 754 500,907	24,651	24,187
10	14	99 114	68 588,603	1 683 327,831	24,542	24,078
11	15	99 097	66 098,164	1 614 739,228	24,429	23,965
12	16	99 077	63 696,392	1 548 641,065	24,313	23,848
13	17	99 055	61 380,847	1 484 944,673	24,192	23,728
14	18	99 032	59 148,534	1 423 563,826	24,068	23,603
15	19	98 999	56 991,671	1 364 415,292	23,941	23,476
16	20	98 966	54 913,349	1 307 423,621	23,809	23,344
17	21	98 924	52 905,648	1 252 510,272	23,674	23,210
18	22	98 880	50 970,979	1 199 604,625	23,535	23,071
19	23	98 826	49 101,834	1 148 633,646	23,393	22,928
20	24	98 769	47 299,734	1 099 531,812	23,246	22,782
21	25	98 709	45 562,218	1 052 232,078	23,094	22,630
22	26	98 650	43 889,243	1 006 669,860	22,937	22,472
23	27	98 587	42 275,736	962 780,617	22,774	22,309
24	28	98 525	40 722,245	920 504,880	22,604	22,140
25	29	98 455	39 222,474	879 782,635	22,431	21,966
26	30	98 386	37 778,460	840 560,161	22,250	21,785
27	31	98 310	36 384,723	802 781,701	22,064	21,599
28	32	98 234	35 042,409	766 396,978	21,871	21,406
29	33	98 153	33 747,873	731 354,569	21,671	21,207
30	34	98 066	32 499,387	697 606,696	21,465	21,001
31	35	97 971	31 294,415	665 107,309	21,253	20,789
32	36	97 870	30 132,291	633 812,894	21,034	20,570
33	37	97 764	29 011,451	603 680,603	20,808	20,344
34	38	97 646	27 929,121	574 669,153	20,576	20,112
35	39	97 512	26 882,692	546 740,032	20,338	19,874
36	40	97 375	25 874,677	519 857,340	20,091	19,627
37	41	97 224	24 900,927	493 982,663	19,838	19,373
38	42	97 057	23 959,627	469 081,735	19,578	19,114
39	43	96 877	23 050,649	445 122,108	19,311	18,846
40	44	96 681	22 172,591	422 071,459	19,036	18,571
41	45	96 468	21 324,003	399 898,868	18,753	18,289
42	46	96 228	20 502,192	378 574,864	18,465	18,001
43	47	95 972	19 708,653	358 072,673	18,168	17,704
44	48	95 693	18 941,052	338 364,020	17,864	17,400
45	49	95 369	18 194,561	319 422,968	17,556	17,092
46	50	95 016	17 471,981	301 228,407	17,241	16,776
47	51	94 633	16 772,625	283 756,426	16,918	16,453
48	52	94 206	16 093,547	266 983,801	16,589	16,125
49	53	93 737	15 434,568	250 890,253	16,255	15,791
50	54	93 219	14 794,405	235 455,685	15,915	15,451
51	55	92 640	14 171,210	220 661,280	15,571	15,107
52	56	91 998	13 564,267	206 490,070	15,223	14,759
53	57	91 289	12 973,285	192 925,803	14,871	14,407
54	58	90 504	12 396,795	179 952,517	14,516	14,052
55	59	89 631	11 833,502	167 555,723	14,159	13,695
56	60	88 682	11 284,985	155 722,221	13,799	13,335
57	61	87 633	10 748,433	144 437,236	13,438	12,974
58	62	86 496	10 225,500	133 688,802	13,074	12,610
59	63	85 264	9 715,547	123 463,302	12,708	12,243
60	64	83 932	9 218,058	113 747,755	12,340	11,875
61	65	82 485	8 731,784	104 529,697	11,971	11,507
62	66	80 943	8 258,748	95 797,913	11,600	11,135
63	67	79 275	7 796,268	87 539,165	11,228	10,764
64	68	77 504	7 346,622	79 742,897	10,854	10,390
65	69	75 600	6 907,107	72 396,274	10,481	10,017
66	70	73 574	6 479,049	65 489,167	10,108	9,643
67	71	71 441	6 063,793	59 010,118	9,732	9,267
68	72	69 194	5 660,798	52 946,325	9,353	8,889
69	73	66 862	5 272,265	47 285,526	8,969	8,504
70	74	64 376	4 892,819	42 013,261	8,587	8,122
71	75	61 818	4 528,520	37 120,442	8,197	7,733
72	76	59 135	4 175,418	32 591,923	7,806	7,341
73	77	56 345	3 834,602	28 416,505	7,411	6,946
74	78	53 423	3 504,332	24 581,903	7,015	6,550
75	79	50 341	3 182,846	21 077,570	6,622	6,158
76	80	47 120	2 871,525	17 894,725	6,232	5,767
77	81	43 715	2 567,686	15 023,199	5,851	5,386
78	82	40 146	2 272,847	12 455,513	5,480	5,016
79	83	36 428	1 987,830	10 182,667	5,123	4,658
80	84	32 628	1 716,112	8 194,837	4,775	4,311
81	85	28 781	1 459,052	6 478,725	4,440	3,976
82	86	24 874	1 215,416	5 019,673	4,130	3,666
83	87	21 056	991,661	3 804,257	3,836	3,372
84	88	17 408	790,206	2 812,596	3,559	3,095
85	89	14 001	612,598	2 022,390	3,301	2,837
86	90	10 912	460,178	1 409,792	3,064	2,599
87	91	8 208	333,623	949,615	2,846	2,382
88	92	5 929	232,300	615,991	2,652	2,187
89	93	4 101	154,869	383,691	2,478	2,013
90	94	2 708	98,582	228,822	2,321	1,857
91	95	1 707	59,867	130,240	2,175	1,711
92	96	1 021	34,534	70,373	2,038	1,573
93	97	565	18,418	35,839	1,946	1,481
94	98	300	9,415	17,421	1,850	1,386
95	99	150	4,550	8,006	1,759	1,295
96	100	71	2,064	3,456	1,674	1,210

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 643	99 642,551	2 525 171,397	25,342	24,878
1	6	99 279	95 690,364	2 425 528,847	25,348	24,883
2	7	99 243	92 198,026	2 329 838,482	25,270	24,806
3	8	99 222	88 847,567	2 237 640,456	25,185	24,721
4	9	99 205	85 620,913	2 148 792,890	25,097	24,632
5	10	99 188	82 512,341	2 063 171,977	25,004	24,540
6	11	99 172	79 517,327	1 980 659,636	24,909	24,444
7	12	99 156	76 630,313	1 901 142,309	24,809	24,345
8	13	99 139	73 848,381	1 824 511,996	24,706	24,242
9	14	99 121	71 166,370	1 750 663,615	24,600	24,135
10	15	99 104	68 582,279	1 679 497,245	24,489	24,024
11	16	99 084	66 090,122	1 610 914,966	24,375	23,910
12	17	99 062	63 687,013	1 544 824,845	24,257	23,792
13	18	99 042	61 372,489	1 481 137,832	24,134	23,669
14	19	99 013	59 136,881	1 419 765,343	24,008	23,544
15	20	98 982	56 981,709	1 360 628,462	23,878	23,414
16	21	98 948	54 903,197	1 303 646,753	23,744	23,280
17	22	98 907	52 896,924	1 248 743,557	23,607	23,143
18	23	98 864	50 962,680	1 195 846,633	23,465	23,001
19	24	98 808	49 092,997	1 144 883,953	23,321	22,856
20	25	98 751	47 291,223	1 095 790,956	23,171	22,707
21	26	98 690	45 553,551	1 048 499,733	23,017	22,552
22	27	98 631	43 880,984	1 002 946,182	22,856	22,392
23	28	98 565	42 266,639	959 065,198	22,691	22,226
24	29	98 502	40 712,649	916 798,559	22,519	22,054
25	30	98 429	39 212,324	876 085,909	22,342	21,878
26	31	98 355	37 766,480	836 873,585	22,159	21,695
27	32	98 279	36 373,298	799 107,105	21,970	21,505
28	33	98 200	35 030,403	762 733,807	21,773	21,309
29	34	98 117	33 735,712	727 703,405	21,571	21,106
30	35	98 026	32 486,193	693 967,692	21,362	20,898
31	36	97 931	31 281,517	661 481,500	21,146	20,682
32	37	97 826	30 118,475	630 199,982	20,924	20,460
33	38	97 717	28 997,680	600 081,507	20,694	20,230
34	39	97 587	27 912,273	571 083,827	20,460	19,996
35	40	97 453	26 866,532	543 171,555	20,217	19,753
36	41	97 308	25 856,935	516 305,023	19,968	19,503
37	42	97 152	24 882,494	490 448,088	19,711	19,246
38	43	96 980	23 940,609	465 565,594	19,447	18,982
39	44	96 789	23 029,718	441 624,985	19,176	18,712
40	45	96 587	22 151,071	418 595,267	18,897	18,433
41	46	96 356	21 299,433	396 444,196	18,613	18,148
42	47	96 111	20 477,230	375 144,763	18,320	17,856
43	48	95 841	19 681,646	354 667,533	18,020	17,556
44	49	95 541	18 910,859	334 985,887	17,714	17,250
45	50	95 202	18 162,756	316 075,028	17,402	16,938
46	51	94 840	17 439,602	297 912,272	17,083	16,618
47	52	94 430	16 736,686	280 472,670	16,758	16,294
48	53	93 987	16 056,002	263 735,984	16,426	15,962
49	54	93 496	15 394,937	247 679,982	16,088	15,624
50	55	92 949	14 751,668	232 285,045	15,746	15,282
51	56	92 340	14 125,218	217 533,377	15,400	14,936
52	57	91 669	13 515,748	203 408,158	15,050	14,585
53	58	90 931	12 922,376	189 892,410	14,695	14,230
54	59	90 110	12 342,876	176 970,034	14,338	13,873
55	60	89 209	11 777,809	164 627,157	13,978	13,513
56	61	88 214	11 225,446	152 849,348	13,616	13,152
57	62	87 135	10 687,319	141 623,902	13,252	12,787
58	63	85 965	10 162,772	130 936,583	12,884	12,420
59	64	84 689	9 649,978	120 773,811	12,515	12,051
60	65	83 304	9 149,174	111 123,833	12,146	11,681
61	66	81 828	8 662,188	101 974,659	11,772	11,308
62	67	80 233	8 186,384	93 312,471	11,398	10,934
63	68	78 524	7 722,342	85 126,087	11,023	10,559
64	69	76 693	7 269,735	77 403,744	10,647	10,183
65	70	74 727	6 827,298	70 134,009	10,273	9,808
66	71	72 647	6 397,421	63 306,711	9,896	9,431
67	72	70 462	5 980,708	56 909,290	9,515	9,051
68	73	68 169	5 576,942	50 928,582	9,132	8,668
69	74	65 764	5 185,715	45 351,640	8,745	8,281
70	75	63 228	4 805,515	40 165,925	8,358	7,894
71	76	60 629	4 441,430	35 360,410	7,961	7,497
72	77	57 860	4 085,371	30 918,980	7,568	7,104
73	78	55 004	3 743,352	26 833,609	7,168	6,704
74	79	51 956	3 408,145	23 090,257	6,775	6,311
75	80	48 760	3 082,858	19 682,111	6,384	5,920
76	81	45 402	2 766,825	16 599,253	5,999	5,535
77	82	41 849	2 458,113	13 832,428	5,627	5,163
78	83	38 164	2 160,616	11 374,315	5,264	4,800
79	84	34 362	1 875,097	9 213,699	4,914	4,449
80	85	30 502	1 604,284	7 338,602	4,574	4,110
81	86	26 590	1 347,982	5 734,317	4,254	3,790
82	87	22 706	1 109,456	4 386,335	3,954	3,489
83	88	18 952	892,549	3 276,879	3,671	3,207
84	89	15 420	699,963	2 384,330	3,406	2,942
85	90	12 188	533,256	1 684,367	3,159	2,694
86	91	9 303	392,312	1 151,112	2,934	2,470
87	92	6 832	277,696	758,799	2,732	2,268
88	93	4 818	188,744	481,103	2,549	2,085
89	94	3 244	122,505	292,359	2,386	1,922
90	95	2 085	75,891	169,854	2,238	1,774
91	96	1 275	44,734	93,962	2,100	1,636
92	97	730	24,669	49,228	1,996	1,531
93	98	396	12,911	24,559	1,902	1,438
94	99	206	6,467	11,648	1,801	1,337
95	100	100	3,017	5,181	1,717	1,253

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 634	99 633,675	2 521 002,336	25,303	24,838
1	7	99 270	95 681,900	2 421 368,661	25,306	24,842
2	8	99 238	92 193,743	2 325 686,762	25,226	24,762
3	9	99 216	88 841,375	2 233 493,019	25,140	24,676
4	10	99 199	85 615,675	2 144 651,644	25,050	24,585
5	11	99 182	82 507,515	2 059 035,968	24,956	24,491
6	12	99 165	79 511,178	1 976 528,454	24,858	24,394
7	13	99 148	76 624,296	1 897 017,276	24,757	24,293
8	14	99 130	73 841,423	1 820 392,980	24,653	24,188
9	15	99 112	71 159,808	1 746 551,557	24,544	24,080
10	16	99 092	68 573,935	1 675 391,749	24,432	23,967
11	17	99 070	66 080,390	1 606 817,814	24,316	23,852
12	18	99 049	63 678,341	1 540 737,424	24,196	23,731
13	19	99 022	61 360,398	1 477 059,084	24,072	23,607
14	20	98 996	59 126,544	1 415 698,686	23,944	23,479
15	21	98 964	56 971,174	1 356 572,142	23,812	23,347
16	22	98 932	54 894,143	1 299 600,967	23,675	23,210
17	23	98 891	52 888,312	1 244 706,824	23,535	23,070
18	24	98 846	50 953,509	1 191 818,512	23,390	22,926
19	25	98 791	49 084,163	1 140 865,004	23,243	22,779
20	26	98 732	47 282,227	1 091 780,841	23,091	22,626
21	27	98 671	45 544,978	1 044 498,613	22,933	22,469
22	28	98 610	43 871,541	998 953,635	22,770	22,306
23	29	98 542	42 256,680	955 082,094	22,602	22,137
24	30	98 476	40 702,114	912 825,414	22,427	21,963
25	31	98 398	39 199,889	872 123,300	22,248	21,784
26	32	98 324	37 754,621	832 923,411	22,061	21,597
27	33	98 246	36 360,835	795 168,790	21,869	21,404
28	34	98 165	35 017,780	758 807,955	21,669	21,205
29	35	98 077	33 722,016	723 790,175	21,463	20,999
30	36	97 986	32 472,804	690 068,159	21,251	20,786
31	37	97 886	31 267,175	657 595,355	21,031	20,567
32	38	97 779	30 104,179	626 328,180	20,805	20,341
33	39	97 658	28 980,187	596 224,001	20,574	20,109
34	40	97 528	27 895,493	567 243,814	20,335	19,870
35	41	97 386	26 848,109	539 348,321	20,089	19,624
36	42	97 236	25 837,794	512 500,212	19,835	19,371
37	43	97 075	24 862,743	486 662,417	19,574	19,110
38	44	96 892	23 918,870	461 799,674	19,307	18,842
39	45	96 695	23 007,365	437 880,804	19,032	18,568
40	46	96 476	22 125,548	414 873,439	18,751	18,286
41	47	96 239	21 273,501	392 747,891	18,462	17,997
42	48	95 979	20 449,170	371 474,391	18,166	17,701
43	49	95 688	19 650,273	351 025,221	17,864	17,399
44	50	95 374	18 877,801	331 374,948	17,554	17,089
45	51	95 026	18 129,097	312 497,147	17,237	16,773
46	52	94 636	17 402,234	294 368,050	16,916	16,451
47	53	94 210	16 697,640	276 965,816	16,587	16,123
48	54	93 745	16 014,775	260 268,176	16,252	15,787
49	55	93 226	15 350,466	244 253,401	15,912	15,447
50	56	92 648	14 703,793	228 902,934	15,568	15,103
51	57	92 009	14 074,693	214 199,142	15,219	14,754
52	58	91 309	13 462,711	200 124,449	14,865	14,401
53	59	90 536	12 866,171	186 661,738	14,508	14,044
54	60	89 686	12 284,786	173 795,567	14,147	13,683
55	61	88 739	11 715,670	161 510,780	13,786	13,321
56	62	87 712	11 161,619	149 795,110	13,421	12,956
57	63	86 600	10 621,758	138 633,491	13,052	12,587
58	64	85 385	10 094,185	128 011,733	12,682	12,217
59	65	84 056	9 577,867	117 917,548	12,311	11,847
60	66	82 640	9 076,251	108 339,681	11,937	11,472
61	67	81 111	8 586,289	99 263,430	11,561	11,096
62	68	79 473	8 108,759	90 677,141	11,183	10,718
63	69	77 702	7 641,523	82 568,382	10,805	10,341
64	70	75 807	7 185,736	74 926,859	10,427	9,963
65	71	73 785	6 741,282	67 741,123	10,049	9,584
66	72	71 652	6 309,765	60 999,840	9,668	9,203
67	73	69 418	5 892,113	54 690,075	9,282	8,817
68	74	67 050	5 485,390	48 797,963	8,896	8,432
69	75	64 591	5 093,185	43 312,573	8,504	8,040
70	76	62 012	4 713,099	38 219,388	8,109	7,645
71	77	59 321	4 345,646	33 506,289	7,710	7,246
72	78	56 483	3 988,153	29 160,643	7,312	6,847
73	79	53 494	3 640,605	25 172,489	6,914	6,450
74	80	50 324	3 301,080	21 531,885	6,523	6,058
75	81	46 982	2 970,453	18 230,804	6,137	5,673
76	82	43 465	2 648,754	15 260,352	5,761	5,297
77	83	39 783	2 336,734	12 611,598	5,397	4,933
78	84	35 999	2 038,084	10 274,864	5,041	4,577
79	85	32 123	1 752,910	8 236,779	4,699	4,234
80	86	28 180	1 482,159	6 483,869	4,375	3,910
81	87	24 272	1 230,465	5 001,711	4,065	3,600
82	88	20 436	998,571	3 771,246	3,777	3,312
83	89	16 787	790,618	2 772,675	3,507	3,043
84	90	13 423	609,305	1 982,056	3,253	2,789
85	91	10 390	454,613	1 372,751	3,020	2,555
86	92	7 743	326,547	918,138	2,812	2,347
87	93	5 551	225,628	591,591	2,622	2,158
88	94	3 811	149,301	365,963	2,451	1,987
89	95	2 497	94,309	216,662	2,297	1,833
90	96	1 558	56,708	122,353	2,158	1,693
91	97	911	31,956	65,645	2,054	1,590
92	98	511	17,293	33,689	1,948	1,484
93	99	272	8,868	16,397	1,849	1,385
94	100	136	4,288	7,529	1,756	1,291

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 625	99 624,861	2 516 547,219	25,260	24,796
1	8	99 265	95 677,455	2 416 922,357	25,261	24,797
2	9	99 231	92 187,318	2 321 244,903	25,180	24,715
3	10	99 209	88 835,941	2 229 057,585	25,092	24,627
4	11	99 193	85 610,667	2 140 221,644	24,999	24,535
5	12	99 175	82 501,135	2 054 610,977	24,904	24,440
6	13	99 157	79 504,934	1 972 109,842	24,805	24,340
7	14	99 138	76 617,076	1 892 604,908	24,702	24,238
8	15	99 121	73 834,615	1 815 987,831	24,595	24,131
9	16	99 100	71 151,150	1 742 153,217	24,485	24,021
10	17	99 078	68 563,837	1 671 002,067	24,371	23,907
11	18	99 056	66 071,392	1 602 438,229	24,253	23,789
12	19	99 029	63 665,795	1 536 366,837	24,132	23,667
13	20	99 005	61 349,672	1 472 701,042	24,005	23,541
14	21	98 977	59 115,613	1 411 351,369	23,874	23,410
15	22	98 948	56 961,780	1 352 235,756	23,739	23,275
16	23	98 916	54 885,206	1 295 273,976	23,600	23,135
17	24	98 873	52 878,794	1 240 388,770	23,457	22,993
18	25	98 828	50 944,340	1 187 509,977	23,310	22,846
19	26	98 772	49 074,826	1 136 565,637	23,160	22,695
20	27	98 714	47 273,329	1 087 490,810	23,004	22,540
21	28	98 650	45 535,177	1 040 217,481	22,844	22,380
22	29	98 587	43 861,203	994 682,304	22,678	22,214
23	30	98 517	42 245,745	950 821,101	22,507	22,042
24	31	98 445	40 689,206	908 575,356	22,330	21,865
25	32	98 367	39 187,580	867 886,149	22,147	21,683
26	33	98 291	37 741,685	828 698,569	21,957	21,493
27	34	98 210	36 347,733	790 956,884	21,761	21,296
28	35	98 125	35 003,563	754 609,151	21,558	21,094
29	36	98 037	33 708,118	719 605,588	21,348	20,884
30	37	97 941	32 457,915	685 897,469	21,132	20,667
31	38	97 839	31 252,333	653 439,554	20,909	20,444
32	39	97 720	30 086,019	622 187,221	20,680	20,216
33	40	97 599	28 962,766	592 101,202	20,444	19,979
34	41	97 461	27 876,365	563 138,437	20,201	19,737
35	42	97 314	26 828,235	535 262,071	19,951	19,487
36	43	97 159	25 817,285	508 433,837	19,694	19,229
37	44	96 987	24 840,166	482 616,551	19,429	18,964
38	45	96 798	23 895,654	457 776,385	19,157	18,693
39	46	96 583	22 980,856	433 880,730	18,880	18,416
40	47	96 358	22 098,609	410 899,875	18,594	18,130
41	48	96 107	21 244,350	388 801,265	18,301	17,837
42	49	95 826	20 416,573	367 556,916	18,003	17,538
43	50	95 521	19 615,922	347 140,343	17,697	17,232
44	51	95 197	18 842,817	327 524,420	17,382	16,918
45	52	94 822	18 090,251	308 681,603	17,063	16,599
46	53	94 416	17 361,635	290 591,352	16,738	16,273
47	54	93 968	16 654,766	273 229,716	16,405	15,941
48	55	93 475	15 968,513	256 574,950	16,068	15,603
49	56	92 924	15 300,647	240 606,437	15,725	15,261
50	57	92 316	14 651,198	225 305,790	15,378	14,914
51	58	91 648	14 019,462	210 654,592	15,026	14,561
52	59	90 912	13 404,156	196 635,130	14,670	14,205
53	60	90 109	12 805,619	183 230,974	14,309	13,844
54	61	89 213	12 219,972	170 425,356	13,946	13,482
55	62	88 234	11 649,056	158 205,383	13,581	13,117
56	63	87 174	11 093,149	146 556,327	13,211	12,747
57	64	86 016	10 550,073	135 463,178	12,840	12,376
58	65	84 747	10 018,754	124 913,105	12,468	12,004
59	66	83 386	9 501,527	114 894,351	12,092	11,628
60	67	81 916	8 996,724	105 392,824	11,715	11,250
61	68	80 342	8 504,872	96 396,100	11,334	10,870
62	69	78 641	8 023,895	87 891,228	10,954	10,489
63	70	76 804	7 553,228	79 867,333	10,574	10,110
64	71	74 852	7 095,205	72 314,104	10,192	9,728
65	72	72 774	6 648,915	65 218,900	9,809	9,345
66	73	70 591	6 216,295	58 569,985	9,422	8,958
67	74	68 279	5 795,387	52 353,690	9,034	8,569
68	75	65 854	5 387,513	46 558,303	8,642	8,177
69	76	63 348	4 995,236	41 170,791	8,242	7,778
70	77	60 674	4 611,456	36 175,554	7,845	7,380
71	78	57 910	4 242,235	31 564,098	7,440	6,976
72	79	54 932	3 878,686	27 321,863	7,044	6,580
73	80	51 814	3 526,237	23 443,176	6,648	6,184
74	81	48 489	3 180,718	19 916,939	6,262	5,797
75	82	44 977	2 843,692	16 736,221	5,885	5,421
76	83	41 319	2 517,961	13 892,529	5,517	5,053
77	84	37 526	2 204,214	11 374,568	5,160	4,696
78	85	33 653	1 905,276	9 170,353	4,813	4,349
79	86	29 678	1 619,470	7 265,077	4,486	4,022
80	87	25 723	1 352,944	5 645,607	4,173	3,708
81	88	21 846	1 107,485	4 292,663	3,876	3,412
82	89	18 102	884,532	3 185,177	3,601	3,137
83	90	14 613	688,219	2 300,645	3,343	2,878
84	91	11 443	519,447	1 612,426	3,104	2,640
85	92	8 649	378,404	1 092,979	2,888	2,424
86	93	6 291	265,319	714,575	2,693	2,229
87	94	4 391	178,477	449,256	2,517	2,053
88	95	2 934	114,937	270,778	2,356	1,891
89	96	1 866	70,470	155,841	2,211	1,747
90	97	1 113	40,509	85,371	2,107	1,643
91	98	639	22,400	44,862	2,003	1,538
92	99	351	11,878	22,462	1,891	1,427
93	100	180	5,880	10,584	1,800	1,336

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 620	99 620,233	2 511 794,936	25,214	24,749
1	9	99 258	95 670,787	2 412 174,703	25,213	24,749
2	10	99 225	92 181,679	2 316 503,916	25,130	24,665
3	11	99 204	88 830,744	2 224 322,237	25,040	24,576
4	12	99 185	85 604,047	2 135 491,493	24,946	24,482
5	13	99 167	82 494,656	2 049 887,446	24,849	24,384
6	14	99 148	79 497,444	1 967 392,789	24,748	24,283
7	15	99 129	76 610,012	1 887 895,346	24,643	24,179
8	16	99 109	73 825,632	1 811 285,334	24,535	24,070
9	17	99 086	71 140,673	1 737 459,702	24,423	23,958
10	18	99 064	68 554,501	1 666 319,029	24,306	23,842
11	19	99 037	66 058,375	1 597 764,527	24,187	23,723
12	20	99 012	63 654,667	1 531 706,152	24,063	23,598
13	21	98 987	61 338,330	1 468 051,485	23,934	23,469
14	22	98 961	59 105,865	1 406 713,155	23,800	23,335
15	23	98 931	56 952,506	1 347 607,290	23,662	23,198
16	24	98 898	54 875,329	1 290 654,784	23,520	23,055
17	25	98 856	52 869,279	1 235 779,455	23,374	22,910
18	26	98 810	50 934,649	1 182 910,177	23,224	22,760
19	27	98 753	49 065,591	1 131 975,527	23,071	22,606
20	28	98 693	47 263,157	1 082 909,937	22,912	22,448
21	29	98 627	45 524,447	1 035 646,780	22,749	22,285
22	30	98 561	43 849,853	990 122,333	22,580	22,115
23	31	98 485	42 232,347	946 272,479	22,406	21,942
24	32	98 414	40 676,430	904 040,132	22,225	21,761
25	33	98 334	39 174,153	863 363,702	22,039	21,575
26	34	98 255	37 728,085	824 189,549	21,846	21,381
27	35	98 170	36 332,976	786 461,463	21,646	21,182
28	36	98 084	34 989,137	750 128,487	21,439	20,974
29	37	97 992	33 692,663	715 139,350	21,225	20,761
30	38	97 894	32 442,509	681 446,687	21,005	20,540
31	39	97 780	31 233,480	649 004,178	20,779	20,315
32	40	97 661	30 067,933	617 770,698	20,546	20,081
33	41	97 533	28 942,906	587 702,765	20,306	19,841
34	42	97 389	27 855,730	558 759,859	20,059	19,595
35	43	97 237	26 806,940	530 904,129	19,805	19,340
36	44	97 071	25 793,842	504 097,190	19,543	19,079
37	45	96 893	24 816,057	478 303,348	19,274	18,810
38	46	96 687	23 868,121	453 487,291	19,000	18,535
39	47	96 466	22 952,876	429 619,170	18,717	18,253
40	48	96 226	22 068,328	406 666,294	18,428	17,963
41	49	95 954	21 210,485	384 597,967	18,132	17,668
42	50	95 658	20 380,883	363 387,482	17,830	17,365
43	51	95 344	19 579,570	343 006,598	17,519	17,054
44	52	94 993	18 802,443	323 427,028	17,201	16,737
45	53	94 601	18 048,047	304 624,585	16,879	16,414
46	54	94 173	17 317,056	286 576,538	16,549	16,084
47	55	93 696	16 606,656	269 259,481	16,214	15,750
48	56	93 171	15 916,688	252 652,826	15,873	15,409
49	57	92 591	15 245,917	236 736,138	15,528	15,063
50	58	91 954	14 593,705	221 490,220	15,177	14,713
51	59	91 250	13 958,486	206 896,516	14,822	14,358
52	60	90 484	13 341,071	192 938,030	14,462	13,998
53	61	89 634	12 738,057	179 596,959	14,099	13,635
54	62	88 706	12 150,491	166 858,902	13,733	13,268
55	63	87 693	11 577,596	154 708,411	13,363	12,898
56	64	86 586	11 018,283	143 130,816	12,990	12,526
57	65	85 373	10 471,236	132 112,533	12,617	12,152
58	66	84 071	9 938,900	121 641,297	12,239	11,774
59	67	82 655	9 418,274	111 702,397	11,860	11,396
60	68	81 140	8 911,415	102 284,123	11,478	11,013
61	69	79 501	8 415,863	93 372,708	11,095	10,630
62	70	77 732	7 931,182	84 956,845	10,712	10,247
63	71	75 836	7 458,067	77 025,663	10,328	9,863
64	72	73 826	6 997,988	69 567,596	9,941	9,477
65	73	71 696	6 550,421	62 569,609	9,552	9,088
66	74	69 432	6 114,247	56 019,188	9,162	8,698
67	75	67 060	5 691,979	49 904,941	8,768	8,303
68	76	64 587	5 283,904	44 212,963	8,367	7,903
69	77	61 982	4 887,509	38 929,059	7,965	7,501
70	78	59 231	4 501,720	34 041,549	7,562	7,097
71	79	56 320	4 125,794	29 539,830	7,160	6,695
72	80	53 207	3 756,840	25 414,035	6,765	6,300
73	81	49 924	3 397,665	21 657,196	6,374	5,910
74	82	46 420	3 044,985	18 259,531	5,997	5,532
75	83	42 756	2 703,274	15 214,546	5,628	5,164
76	84	38 975	2 375,164	12 511,273	5,268	4,803
77	85	35 081	2 060,581	10 136,109	4,919	4,455
78	86	31 092	1 760,238	8 075,528	4,588	4,123
79	87	27 091	1 478,285	6 315,290	4,272	3,808
80	88	23 152	1 217,724	4 837,005	3,972	3,508
81	89	19 351	981,008	3 619,282	3,689	3,225
82	90	15 758	769,970	2 638,273	3,426	2,962
83	91	12 458	586,723	1 868,304	3,184	2,720
84	92	9 525	432,370	1 281,581	2,964	2,500
85	93	7 027	307,453	849,211	2,762	2,298
86	94	4 977	209,874	541,758	2,581	2,117
87	95	3 380	137,398	331,884	2,415	1,951
88	96	2 192	85,884	194,486	2,265	1,800
89	97	1 333	50,340	108,602	2,157	1,693
90	98	780	28,396	58,262	2,052	1,587
91	99	439	15,386	29,866	1,941	1,477
92	100	233	7,875	14,479	1,839	1,374

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 613	99 613,291	2 506 730,349	25,165	24,700
1	10	99 252	95 664,935	2 407 117,059	25,162	24,698
2	11	99 219	92 176,287	2 311 452,124	25,076	24,612
3	12	99 196	88 823,875	2 219 275,837	24,985	24,521
4	13	99 177	85 597,325	2 130 451,961	24,889	24,425
5	14	99 157	82 486,884	2 044 854,636	24,790	24,326
6	15	99 138	79 490,114	1 962 367,752	24,687	24,223
7	16	99 117	76 600,691	1 882 877,639	24,580	24,116
8	17	99 094	73 814,761	1 806 276,948	24,470	24,006
9	18	99 072	71 130,987	1 732 462,187	24,356	23,892
10	19	99 045	68 540,995	1 661 331,200	24,239	23,774
11	20	99 020	66 046,829	1 592 790,205	24,116	23,652
12	21	98 994	63 642,899	1 526 743,376	23,989	23,525
13	22	98 970	61 328,215	1 463 100,478	23,857	23,392
14	23	98 945	59 096,242	1 401 772,262	23,720	23,256
15	24	98 914	56 942,257	1 342 676,020	23,580	23,115
16	25	98 880	54 865,454	1 285 733,763	23,434	22,970
17	26	98 837	52 859,222	1 230 868,309	23,286	22,821
18	27	98 791	50 925,064	1 178 009,087	23,132	22,668
19	28	98 732	49 055,033	1 127 084,024	22,976	22,511
20	29	98 669	47 252,019	1 078 028,991	22,814	22,350
21	30	98 601	45 512,667	1 030 776,972	22,648	22,184
22	31	98 530	43 835,947	985 264,305	22,476	22,012
23	32	98 454	42 219,087	941 428,357	22,299	21,834
24	33	98 380	40 662,493	899 209,271	22,114	21,650
25	34	98 298	39 160,038	858 546,778	21,924	21,460
26	35	98 215	37 712,768	819 386,740	21,727	21,263
27	36	98 130	36 318,003	781 673,972	21,523	21,059
28	37	98 039	34 973,095	745 355,970	21,312	20,848
29	38	97 945	33 676,670	710 382,875	21,094	20,630
30	39	97 835	32 422,938	676 706,205	20,871	20,407
31	40	97 722	31 214,704	644 283,267	20,640	20,176
32	41	97 594	30 047,315	613 068,563	20,403	19,939
33	42	97 460	28 921,481	583 021,247	20,159	19,694
34	43	97 312	27 833,619	554 099,767	19,908	19,443
35	44	97 149	26 782,597	526 266,148	19,650	19,185
36	45	96 976	25 768,807	499 483,551	19,383	18,919
37	46	96 781	24 787,463	473 714,744	19,111	18,647
38	47	96 569	23 839,061	448 927,281	18,832	18,367
39	48	96 334	22 921,424	425 088,220	18,545	18,081
40	49	96 073	22 033,150	402 166,796	18,253	17,788
41	50	95 786	21 173,408	380 133,646	17,953	17,489
42	51	95 481	20 343,114	358 960,239	17,645	17,181
43	52	95 139	19 537,617	338 617,125	17,332	16,867
44	53	94 771	18 758,577	319 079,508	17,010	16,545
45	54	94 358	18 001,706	300 320,931	16,683	16,218
46	55	93 901	17 267,033	282 319,225	16,350	15,886
47	56	93 392	16 552,759	265 052,192	16,013	15,548
48	57	92 838	15 859,755	248 499,433	15,669	15,204
49	58	92 228	15 186,090	232 639,678	15,319	14,855
50	59	91 554	14 530,231	217 453,588	14,966	14,501
51	60	90 820	13 892,792	202 923,357	14,606	14,142
52	61	90 007	13 270,684	189 030,565	14,244	13,780
53	62	89 124	12 665,630	175 759,881	13,877	13,412
54	63	88 162	12 075,954	163 094,251	13,506	13,041
55	64	87 101	11 499,460	151 018,297	13,133	12,668
56	65	85 939	10 935,947	139 518,837	12,758	12,293
57	66	84 692	10 387,776	128 582,891	12,378	11,914
58	67	83 335	9 851,815	118 195,115	11,997	11,533
59	68	81 871	9 328,967	108 343,301	11,614	11,149
60	69	80 290	8 818,151	99 014,333	11,228	10,764
61	70	78 582	8 318,621	90 196,182	10,843	10,378
62	71	76 753	7 831,259	81 877,561	10,455	9,991
63	72	74 797	7 355,878	74 046,302	10,066	9,602
64	73	72 733	6 894,322	66 690,424	9,673	9,209
65	74	70 519	6 442,888	59 796,102	9,281	8,817
66	75	68 193	6 005,149	53 353,214	8,885	8,420
67	76	65 771	5 582,514	47 348,065	8,481	8,017
68	77	63 194	5 169,951	41 765,550	8,079	7,614
69	78	60 507	4 771,204	36 595,599	7,670	7,206
70	79	57 605	4 378,157	31 824,395	7,269	6,804
71	80	54 551	3 996,185	27 446,239	6,868	6,404
72	81	51 267	3 619,860	23 450,054	6,478	6,014
73	82	47 794	3 252,674	19 830,194	6,097	5,632
74	83	44 128	2 894,626	16 577,521	5,727	5,263
75	84	40 331	2 549,967	13 682,895	5,366	4,901
76	85	36 436	2 220,391	11 132,928	5,014	4,550
77	86	32 411	1 903,720	8 912,537	4,682	4,217
78	87	28 381	1 606,780	7 008,817	4,362	3,898
79	88	24 383	1 330,537	5 402,037	4,060	3,596
80	89	20 508	1 078,657	4 071,500	3,775	3,310
81	90	16 845	853,950	2 992,843	3,505	3,040
82	91	13 434	656,417	2 138,892	3,258	2,794
83	92	10 370	488,368	1 482,475	3,036	2,571
84	93	7 739	351,300	994,107	2,830	2,365
85	94	5 559	243,203	642,807	2,643	2,179
86	95	3 831	161,568	399,604	2,473	2,009
87	96	2 526	102,667	238,036	2,319	1,854
88	97	1 566	61,351	135,369	2,206	1,742
89	98	934	35,287	74,018	2,098	1,633
90	99	536	19,505	38,730	1,986	1,521
91	100	291	10,202	19,226	1,885	1,420

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 607	99 607,197	2 501 345,111	25,112	24,648
1	11	99 247	95 659,339	2 401 737,914	25,107	24,643
2	12	99 211	92 169,159	2 306 078,575	25,020	24,556
3	13	99 188	88 816,900	2 213 909,416	24,927	24,462
4	14	99 168	85 589,261	2 125 092,515	24,829	24,365
5	15	99 148	82 479,278	2 039 503,255	24,727	24,263
6	16	99 126	79 480,442	1 957 023,976	24,623	24,158
7	17	99 103	76 589,412	1 877 543,534	24,514	24,050
8	18	99 081	73 804,710	1 800 954,122	24,402	23,937
9	19	99 053	71 116,973	1 727 149,412	24,286	23,822
10	20	99 027	68 529,015	1 656 032,440	24,165	23,701
11	21	99 001	66 034,618	1 587 503,425	24,040	23,576
12	22	98 977	63 632,404	1 521 468,807	23,910	23,446
13	23	98 954	61 318,231	1 457 836,403	23,775	23,311
14	24	98 927	59 085,607	1 396 518,172	23,636	23,171
15	25	98 896	56 932,011	1 337 432,565	23,492	23,027
16	26	98 861	54 855,018	1 280 500,554	23,343	22,879
17	27	98 818	52 849,274	1 225 645,537	23,191	22,727
18	28	98 770	50 914,105	1 172 796,263	23,035	22,570
19	29	98 709	49 043,473	1 121 882,157	22,875	22,411
20	30	98 644	47 239,792	1 072 838,684	22,710	22,246
21	31	98 570	45 498,234	1 025 598,892	22,542	22,077
22	32	98 499	43 822,183	980 100,659	22,365	21,901
23	33	98 421	42 204,621	936 278,476	22,184	21,720
24	34	98 345	40 647,841	894 073,855	21,996	21,531
25	35	98 258	39 144,139	853 426,014	21,802	21,338
26	36	98 175	37 697,226	814 281,875	21,601	21,136
27	37	98 085	36 301,351	776 584,650	21,393	20,928
28	38	97 993	34 956,494	740 283,299	21,177	20,713
29	39	97 886	33 656,355	705 326,805	20,957	20,492
30	40	97 776	32 403,447	671 670,450	20,728	20,264
31	41	97 655	31 193,301	639 267,003	20,494	20,029
32	42	97 522	30 025,072	608 073,702	20,252	19,788
33	43	97 383	28 898,524	578 048,630	20,003	19,538
34	44	97 223	27 808,344	549 150,106	19,748	19,283
35	45	97 054	26 756,603	521 341,762	19,485	19,020
36	46	96 865	25 739,115	494 585,159	19,215	18,751
37	47	96 664	24 757,284	468 846,045	18,938	18,473
38	48	96 437	23 806,395	444 088,760	18,654	18,190
39	49	96 180	22 884,886	420 282,366	18,365	17,901
40	50	95 905	21 994,634	397 397,480	18,068	17,604
41	51	95 609	21 134,169	375 402,846	17,763	17,298
42	52	95 277	20 299,524	354 268,677	17,452	16,988
43	53	94 917	19 492,037	333 969,153	17,134	16,669
44	54	94 528	18 710,411	314 477,116	16,808	16,343
45	55	94 085	17 949,705	295 766,705	16,478	16,013
46	56	93 596	17 210,993	277 817,000	16,142	15,677
47	57	93 058	16 493,551	260 606,007	15,800	15,336
48	58	92 474	15 797,519	244 112,456	15,453	14,988
49	59	91 827	15 120,040	228 314,937	15,100	14,636
50	60	91 123	14 461,846	213 194,897	14,742	14,277
51	61	90 341	13 819,494	198 733,051	14,381	13,916
52	62	89 495	13 195,229	184 913,557	14,014	13,549
53	63	88 578	12 587,933	171 718,328	13,642	13,177
54	64	87 567	11 994,455	159 130,395	13,267	12,803
55	65	86 450	11 413,528	147 135,940	12,891	12,427
56	66	85 254	10 848,782	135 722,412	12,510	12,046
57	67	83 950	10 296,757	124 873,630	12,127	11,663
58	68	82 545	9 758,398	114 576,873	11,741	11,277
59	69	81 014	9 231,334	104 818,476	11,355	10,890
60	70	79 363	8 716,261	95 587,142	10,967	10,502
61	71	77 592	8 213,816	86 870,881	10,576	10,112
62	72	75 701	7 723,957	78 657,065	10,184	9,719
63	73	73 689	7 246,911	70 933,108	9,788	9,324
64	74	71 539	6 781,144	63 686,197	9,392	8,927
65	75	69 261	6 327,926	56 905,053	8,993	8,528
66	76	66 881	5 889,662	50 577,127	8,587	8,123
67	77	64 352	5 462,122	44 687,465	8,181	7,717
68	78	61 690	5 046,925	39 225,343	7,772	7,308
69	79	58 846	4 640,244	34 178,418	7,366	6,901
70	80	55 795	4 240,619	29 538,174	6,966	6,501
71	81	52 562	3 850,478	25 297,555	6,570	6,106
72	82	49 079	3 465,386	21 447,077	6,189	5,725
73	83	45 434	3 092,060	17 981,691	5,815	5,351
74	84	41 625	2 730,468	14 889,631	5,453	4,989
75	85	37 703	2 383,803	12 159,163	5,101	4,636
76	86	33 662	2 051,364	9 775,360	4,765	4,301
77	87	29 585	1 737,754	7 723,996	4,445	3,980
78	88	25 545	1 446,190	5 986,242	4,139	3,675
79	89	21 598	1 178,587	4 540,053	3,852	3,388
80	90	17 852	938,952	3 361,466	3,580	3,116
81	91	14 361	728,013	2 422,514	3,328	2,863
82	92	11 182	546,379	1 694,501	3,101	2,637
83	93	8 425	396,798	1 148,122	2,893	2,429
84	94	6 122	277,887	751,324	2,704	2,239
85	95	4 279	187,226	473,436	2,529	2,064
86	96	2 863	120,728	286,210	2,371	1,906
87	97	1 804	73,340	165,483	2,256	1,792
88	98	1 098	43,006	92,143	2,143	1,678
89	99	642	24,238	49,137	2,027	1,563
90	100	355	12,932	24,899	1,925	1,461

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 601	99 601,371	2 495 627,806	25,056	24,592
1	12	99 239	95 651,942	2 396 026,435	25,049	24,585
2	13	99 204	92 161,922	2 300 374,493	24,960	24,496
3	14	99 179	88 808,533	2 208 212,571	24,865	24,400
4	15	99 159	85 581,369	2 119 404,039	24,765	24,300
5	16	99 136	82 469,243	2 033 822,670	24,662	24,197
6	17	99 112	79 468,739	1 951 353,427	24,555	24,091
7	18	99 089	76 578,983	1 871 884,688	24,444	23,979
8	19	99 061	73 790,169	1 795 305,704	24,330	23,865
9	20	99 035	71 104,542	1 721 515,535	24,211	23,747
10	21	99 009	68 516,345	1 650 410,993	24,088	23,623
11	22	98 985	66 023,729	1 581 894,648	23,959	23,495
12	23	98 961	63 622,044	1 515 870,919	23,826	23,362
13	24	98 937	61 307,196	1 452 248,875	23,688	23,224
14	25	98 909	59 074,975	1 390 941,679	23,545	23,081
15	26	98 877	56 921,181	1 331 866,704	23,398	22,934
16	27	98 843	54 844,694	1 274 945,523	23,246	22,782
17	28	98 797	52 837,902	1 220 100,829	23,091	22,627
18	29	98 746	50 902,108	1 167 262,927	22,932	22,467
19	30	98 683	49 030,782	1 116 360,819	22,769	22,304
20	31	98 613	47 224,811	1 067 330,037	22,601	22,137
21	32	98 539	45 483,947	1 020 105,226	22,428	21,963
22	33	98 465	43 807,168	974 621,279	22,248	21,784
23	34	98 385	42 189,413	930 814,111	22,063	21,598
24	35	98 305	40 631,338	888 624,698	21,870	21,406
25	36	98 218	39 128,006	847 993,359	21,672	21,208
26	37	98 130	37 679,941	808 865,353	21,467	21,002
27	38	98 038	36 284,120	771 185,412	21,254	20,790
28	39	97 934	34 935,407	734 901,292	21,036	20,572
29	40	97 828	33 636,122	699 965,885	20,810	20,346
30	41	97 709	32 381,228	666 329,763	20,578	20,113
31	42	97 582	31 170,209	633 948,535	20,338	19,874
32	43	97 445	30 001,240	602 778,326	20,092	19,627
33	44	97 295	28 872,282	572 777,086	19,838	19,374
34	45	97 129	27 781,354	543 904,804	19,578	19,114
35	46	96 942	26 725,773	516 123,450	19,312	18,847
36	47	96 747	25 707,777	489 397,677	19,037	18,573
37	48	96 531	24 723,359	463 689,900	18,755	18,291
38	49	96 283	23 768,446	438 966,541	18,468	18,004
39	50	96 012	22 844,881	415 198,095	18,175	17,710
40	51	95 727	21 953,874	392 353,213	17,872	17,407
41	52	95 404	21 088,885	370 399,340	17,564	17,099
42	53	95 054	20 252,166	349 310,455	17,248	16,784
43	54	94 674	19 441,987	329 058,289	16,925	16,461
44	55	94 255	18 656,363	309 616,301	16,596	16,131
45	56	93 780	17 891,450	290 959,939	16,263	15,798
46	57	93 262	17 149,430	273 068,489	15,923	15,458
47	58	92 693	16 428,828	255 919,059	15,577	15,113
48	59	92 071	15 728,809	239 490,231	15,226	14,762
49	60	91 395	15 048,879	223 761,421	14,869	14,405
50	61	90 642	14 385,546	208 712,542	14,508	14,044
51	62	89 827	13 740,918	194 326,996	14,142	13,678
52	63	88 946	13 114,283	180 586,078	13,770	13,306
53	64	87 980	12 502,978	167 471,795	13,395	12,930
54	65	86 912	11 904,824	154 968,816	13,017	12,553
55	66	85 761	11 322,557	143 063,992	12,635	12,171
56	67	84 507	10 753,724	131 741,435	12,251	11,786
57	68	83 154	10 199,121	120 987,711	11,863	11,398
58	69	81 681	9 656,269	110 788,590	11,473	11,009
59	70	80 078	9 124,669	101 132,321	11,083	10,619
60	71	78 363	8 606,447	92 007,652	10,691	10,226
61	72	76 529	8 101,273	83 401,205	10,295	9,830
62	73	74 580	7 609,537	75 299,932	9,895	9,431
63	74	72 479	7 127,944	67 690,395	9,496	9,032
64	75	70 262	6 660,147	60 562,451	9,093	8,629
65	76	67 929	6 206,232	53 902,304	8,685	8,221
66	77	65 439	5 762,646	47 696,072	8,277	7,812
67	78	62 821	5 332,143	41 933,426	7,864	7,400
68	79	59 997	4 908,397	36 601,284	7,457	6,992
69	80	56 998	4 494,473	31 692,887	7,052	6,587
70	81	53 761	4 086,000	27 198,414	6,656	6,192
71	82	50 319	3 686,163	23 112,414	6,270	5,806
72	83	46 655	3 294,269	19 426,251	5,897	5,433
73	84	42 857	2 916,705	16 131,982	5,531	5,066
74	85	38 913	2 552,542	13 215,278	5,177	4,713
75	86	34 833	2 202,337	10 662,736	4,842	4,377
76	87	30 727	1 872,526	8 460,399	4,518	4,054
77	88	26 628	1 564,073	6 587,872	4,212	3,748
78	89	22 627	1 281,032	5 023,799	3,922	3,457
79	90	18 801	1 025,939	3 742,767	3,648	3,184
80	91	15 219	800,479	2 716,828	3,394	2,930
81	92	11 953	605,973	1 916,350	3,162	2,698
82	93	9 085	443,932	1 310,377	2,952	2,487
83	94	6 665	313,878	866,445	2,760	2,296
84	95	4 713	213,927	552,567	2,583	2,119
85	96	3 197	139,900	338,640	2,421	1,956
86	97	2 045	86,241	198,740	2,304	1,840
87	98	1 265	51,410	112,499	2,188	1,724
88	99	754	29,540	61,089	2,068	1,604
89	100	426	16,071	31,549	1,963	1,499

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 594	99 593,669	2 489 567,621	24,997	24,533
1	13	99 231	95 644,431	2 389 973,953	24,988	24,524
2	14	99 194	92 153,239	2 294 329,521	24,897	24,432
3	15	99 170	88 800,344	2 202 176,283	24,799	24,335
4	16	99 147	85 570,956	2 113 375,939	24,697	24,233
5	17	99 122	82 457,100	2 027 804,983	24,592	24,128
6	18	99 098	79 457,918	1 945 347,882	24,483	24,018
7	19	99 070	76 563,896	1 865 889,964	24,370	23,906
8	20	99 044	73 777,272	1 789 326,068	24,253	23,789
9	21	99 017	71 091,396	1 715 548,797	24,132	23,667
10	22	98 993	68 505,047	1 644 457,400	24,005	23,540
11	23	98 969	66 012,980	1 575 952,353	23,873	23,409
12	24	98 943	63 610,594	1 509 939,374	23,737	23,273
13	25	98 919	61 296,164	1 446 328,779	23,596	23,131
14	26	98 890	59 063,738	1 385 032,615	23,450	22,985
15	27	98 858	56 910,468	1 325 968,877	23,299	22,835
16	28	98 821	54 832,893	1 269 058,409	23,144	22,680
17	29	98 774	52 825,451	1 214 225,516	22,986	22,521
18	30	98 721	50 888,936	1 161 400,066	22,822	22,358
19	31	98 652	49 015,233	1 110 511,130	22,656	22,192
20	32	98 582	47 209,982	1 061 495,897	22,485	22,020
21	33	98 505	45 468,363	1 014 285,914	22,308	21,843
22	34	98 430	43 791,383	968 817,551	22,123	21,659
23	35	98 345	42 172,285	925 026,168	21,934	21,470
24	36	98 264	40 614,593	882 853,884	21,737	21,273
25	37	98 173	39 110,066	842 239,291	21,535	21,071
26	38	98 083	37 662,056	803 129,225	21,325	20,860
27	39	97 979	36 262,231	765 467,169	21,109	20,645
28	40	97 875	34 914,405	729 204,937	20,886	20,421
29	41	97 760	33 613,058	694 290,532	20,655	20,191
30	42	97 637	32 357,257	660 677,473	20,418	19,954
31	43	97 505	31 145,468	628 320,216	20,174	19,709
32	44	97 356	29 973,996	597 174,748	19,923	19,459
33	45	97 200	28 844,259	567 200,752	19,664	19,200
34	46	97 017	27 749,343	538 356,492	19,401	18,936
35	47	96 824	26 693,234	510 607,149	19,129	18,664
36	48	96 614	25 672,550	483 913,916	18,849	18,385
37	49	96 377	24 683,949	458 241,366	18,564	18,100
38	50	96 115	23 726,897	433 557,417	18,273	17,808
39	51	95 834	22 802,545	409 830,520	17,973	17,509
40	52	95 522	21 906,833	387 027,975	17,667	17,203
41	53	95 181	21 039,685	365 121,141	17,354	16,890
42	54	94 810	20 200,165	344 081,456	17,034	16,569
43	55	94 400	19 385,825	323 881,291	16,707	16,243
44	56	93 949	18 595,814	304 495,466	16,374	15,910
45	57	93 445	17 827,453	285 899,651	16,037	15,573
46	58	92 896	17 082,134	268 072,199	15,693	15,229
47	59	92 290	16 357,372	250 990,065	15,344	14,880
48	60	91 638	15 654,784	234 632,692	14,988	14,523
49	61	90 913	14 969,482	218 977,909	14,628	14,164
50	62	90 127	14 303,751	204 008,427	14,263	13,798
51	63	89 276	13 656,625	189 704,675	13,891	13,427
52	64	88 346	13 025,776	176 048,050	13,515	13,051
53	65	87 322	12 409,548	163 022,273	13,137	12,672
54	66	86 219	11 809,938	150 612,726	12,753	12,289
55	67	85 010	11 223,348	138 802,788	12,367	11,903
56	68	83 706	10 651,755	127 579,441	11,977	11,513
57	69	82 284	10 092,380	116 927,686	11,586	11,121
58	70	80 737	9 544,695	106 835,306	11,193	10,729
59	71	79 070	9 009,709	97 290,611	10,798	10,334
60	72	77 289	8 488,523	88 280,901	10,400	9,936
61	73	75 396	7 981,264	79 792,378	9,997	9,533
62	74	73 355	7 484,618	71 811,115	9,594	9,130
63	75	71 186	7 000,759	64 326,497	9,189	8,724
64	76	68 911	6 532,063	57 325,737	8,776	8,312
65	77	66 464	6 072,388	50 793,674	8,365	7,900
66	78	63 882	5 625,515	44 721,286	7,950	7,485
67	79	61 097	5 185,786	39 095,771	7,539	7,075
68	80	58 112	4 754,202	33 909,985	7,133	6,668
69	81	54 920	4 330,598	29 155,783	6,733	6,268
70	82	51 467	3 911,634	24 825,185	6,346	5,882
71	83	47 834	3 504,144	20 913,551	5,968	5,504
72	84	44 010	3 107,446	17 409,407	5,602	5,138
73	85	40 065	2 726,643	14 301,960	5,245	4,781
74	86	35 951	2 358,231	11 575,317	4,908	4,444
75	87	31 796	2 010,337	9 217,087	4,585	4,120
76	88	27 656	1 685,376	7 206,749	4,276	3,812
77	89	23 587	1 385,453	5 521,374	3,985	3,521
78	90	19 697	1 115,115	4 135,921	3,709	3,245
79	91	16 028	874,637	3 020,806	3,454	2,989
80	92	12 668	666,291	2 146,168	3,221	2,757
81	93	9 712	492,352	1 479,877	3,006	2,541
82	94	7 187	351,162	987,525	2,812	2,348
83	95	5 131	241,634	636,364	2,634	2,169
84	96	3 521	159,851	394,730	2,469	2,005
85	97	2 284	99,937	234,879	2,350	1,886
86	98	1 434	60,454	134,942	2,232	1,768
87	99	869	35,313	74,488	2,109	1,645
88	100	500	19,586	39,175	2,000	1,536

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 586	99 585,848	2 483 155,921	24,935	24,470
1	14	99 222	95 635,420	2 383 570,073	24,924	24,459
2	15	99 185	92 144,742	2 287 934,653	24,830	24,365
3	16	99 158	88 789,540	2 195 789,911	24,730	24,266
4	17	99 132	85 558,356	2 107 000,371	24,626	24,162
5	18	99 108	82 445,872	2 021 442,015	24,518	24,054
6	19	99 079	79 442,264	1 938 996,143	24,408	23,943
7	20	99 052	76 550,513	1 859 553,879	24,292	23,827
8	21	99 026	73 763,632	1 783 003,366	24,172	23,707
9	22	99 001	71 079,673	1 709 239,734	24,047	23,582
10	23	98 977	68 493,894	1 638 160,060	23,917	23,452
11	24	98 951	66 001,100	1 569 666,167	23,782	23,318
12	25	98 926	63 599,149	1 503 665,067	23,643	23,178
13	26	98 900	61 284,504	1 440 065,918	23,498	23,034
14	27	98 872	59 052,622	1 378 781,414	23,348	22,884
15	28	98 837	56 898,222	1 319 728,792	23,195	22,730
16	29	98 798	54 819,972	1 262 830,570	23,036	22,572
17	30	98 748	52 811,781	1 208 010,598	22,874	22,409
18	31	98 690	50 872,798	1 155 198,817	22,708	22,243
19	32	98 621	48 999,842	1 104 326,019	22,537	22,073
20	33	98 548	47 193,807	1 055 326,177	22,362	21,897
21	34	98 470	45 451,979	1 008 132,370	22,180	21,716
22	35	98 390	43 773,604	962 680,391	21,992	21,528
23	36	98 305	42 154,904	918 906,787	21,798	21,334
24	37	98 219	40 595,971	876 751,883	21,597	21,133
25	38	98 126	39 091,502	836 155,912	21,390	20,925
26	39	98 024	37 639,336	797 064,410	21,176	20,712
27	40	97 920	36 240,433	759 425,073	20,955	20,491
28	41	97 808	34 890,465	723 184,641	20,727	20,263
29	42	97 688	33 588,176	688 294,176	20,492	20,028
30	43	97 560	32 331,574	654 706,000	20,250	19,785
31	44	97 416	31 117,186	622 374,427	20,001	19,537
32	45	97 262	29 944,904	591 257,241	19,745	19,280
33	46	97 088	28 811,024	561 312,337	19,483	19,018
34	47	96 899	27 715,558	532 501,313	19,213	18,749
35	48	96 692	26 656,656	504 785,755	18,937	18,472
36	49	96 460	25 631,627	478 129,099	18,654	18,189
37	50	96 209	24 640,800	452 497,472	18,364	17,899
38	51	95 936	23 682,926	427 856,673	18,066	17,602
39	52	95 629	22 753,686	404 173,746	17,763	17,299
40	53	95 299	21 855,725	381 420,060	17,452	16,987
41	54	94 937	20 985,662	359 564,335	17,134	16,669
42	55	94 536	20 141,813	338 578,673	16,810	16,345
43	56	94 094	19 322,910	318 436,860	16,480	16,015
44	57	93 613	18 529,298	299 113,950	16,143	15,678
45	58	93 078	17 757,495	280 584,652	15,801	15,336
46	59	92 492	17 007,837	262 827,157	15,453	14,989
47	60	91 856	16 280,389	245 819,320	15,099	14,635
48	61	91 155	15 572,190	229 538,932	14,740	14,276
49	62	90 396	14 884,367	213 966,742	14,375	13,911
50	63	89 574	14 216,006	199 082,374	14,004	13,540
51	64	88 674	13 564,458	184 866,368	13,629	13,164
52	65	87 685	12 928,439	171 301,910	13,250	12,786
53	66	86 626	12 310,638	158 373,471	12,865	12,400
54	67	85 464	11 706,458	146 062,833	12,477	12,013
55	68	84 204	11 116,925	134 356,375	12,086	11,621
56	69	82 830	10 540,277	123 239,450	11,692	11,228
57	70	81 333	9 975,767	112 699,173	11,297	10,833
58	71	79 720	9 424,443	102 723,406	10,900	10,435
59	72	77 986	8 886,260	93 298,963	10,499	10,035
60	73	76 144	8 362,778	84 412,703	10,094	9,629
61	74	74 158	7 850,242	76 049,925	9,688	9,223
62	75	72 047	7 351,069	68 199,683	9,278	8,813
63	76	69 817	6 866,125	60 848,615	8,862	8,398
64	77	67 425	6 391,193	53 982,490	8,446	7,982
65	78	64 882	5 927,887	47 591,297	8,028	7,564
66	79	62 128	5 471,106	41 663,410	7,615	7,151
67	80	59 177	5 022,877	36 192,304	7,205	6,741
68	81	55 994	4 580,857	31 169,427	6,804	6,340
69	82	52 576	4 145,794	26 588,570	6,413	5,949
70	83	48 925	3 718,482	22 442,776	6,035	5,571
71	84	45 121	3 305,419	18 724,294	5,665	5,200
72	85	41 142	2 904,955	15 418,875	5,308	4,843
73	86	37 015	2 519,078	12 513,919	4,968	4,503
74	87	32 816	2 152,640	9 994,841	4,643	4,179
75	88	28 618	1 809,413	7 842,201	4,334	3,870
76	89	24 498	1 492,903	6 032,788	4,041	3,577
77	90	20 532	1 206,012	4 539,885	3,764	3,300
78	91	16 792	950,662	3 333,874	3,507	3,042
79	92	13 341	728,018	2 383,211	3,274	2,809
80	93	10 293	541,360	1 655,193	3,057	2,593
81	94	7 683	389,463	1 113,833	2,860	2,395
82	95	5 533	270,337	724,370	2,680	2,215
83	96	3 834	180,554	454,033	2,515	2,050
84	97	2 516	114,189	273,479	2,395	1,931
85	98	1 601	70,054	159,290	2,274	1,809
86	99	985	41,525	89,236	2,149	1,685
87	100	576	23,413	47,711	2,038	1,573

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	14	99 576	99 576,466	2 476 382,188	24,869	24,405
1	15	99 213	95 626,602	2 376 805,722	24,855	24,391
2	16	99 173	92 133,530	2 281 179,120	24,759	24,295
3	17	99 143	88 776,466	2 189 045,589	24,658	24,194
4	18	99 119	85 546,706	2 100 269,124	24,551	24,087
5	19	99 089	82 429,629	2 014 722,417	24,442	23,977
6	20	99 061	79 428,378	1 932 292,788	24,327	23,863
7	21	99 034	76 536,361	1 852 864,410	24,209	23,745
8	22	99 009	73 751,468	1 776 328,049	24,085	23,621
9	23	98 985	71 068,101	1 702 576,581	23,957	23,493
10	24	98 959	68 481,567	1 631 508,480	23,824	23,360
11	25	98 933	65 989,224	1 563 026,913	23,686	23,222
12	26	98 907	63 587,050	1 497 037,689	23,543	23,079
13	27	98 881	61 272,971	1 433 450,638	23,395	22,930
14	28	98 851	59 039,915	1 372 177,668	23,242	22,777
15	29	98 814	56 884,814	1 313 137,753	23,084	22,620
16	30	98 773	54 805,786	1 256 252,938	22,922	22,457
17	31	98 717	52 795,033	1 201 447,152	22,757	22,292
18	32	98 659	50 856,824	1 148 652,119	22,586	22,122
19	33	98 587	48 983,053	1 097 795,296	22,412	21,947
20	34	98 512	47 176,801	1 048 812,242	22,232	21,767
21	35	98 430	45 433,526	1 001 635,441	22,046	21,582
22	36	98 349	43 755,563	956 201,915	21,853	21,389
23	37	98 260	42 135,576	912 446,351	21,655	21,191
24	38	98 173	40 576,702	870 310,775	21,449	20,984
25	39	98 067	39 067,920	829 734,074	21,238	20,774
26	40	97 965	37 616,710	790 666,154	21,019	20,555
27	41	97 853	36 215,583	753 049,444	20,794	20,329
28	42	97 735	34 864,637	716 833,861	20,560	20,096
29	43	97 611	33 561,515	681 969,225	20,320	19,856
30	44	97 471	32 302,214	648 407,710	20,073	19,609
31	45	97 322	31 086,984	616 105,495	19,819	19,354
32	46	97 150	29 910,401	585 018,511	19,559	19,095
33	47	96 970	28 775,946	555 108,111	19,291	18,826
34	48	96 766	27 677,579	526 332,164	19,017	18,552
35	49	96 538	26 614,164	498 654,585	18,736	18,272
36	50	96 292	25 586,821	472 040,421	18,449	17,984
37	51	96 030	24 595,135	446 453,601	18,152	17,688
38	52	95 731	23 632,181	421 858,465	17,851	17,387
39	53	95 406	22 700,603	398 226,284	17,543	17,078
40	54	95 055	21 799,607	375 525,682	17,226	16,762
41	55	94 663	20 925,041	353 726,075	16,904	16,440
42	56	94 230	20 076,444	332 801,034	16,577	16,112
43	57	93 757	19 253,792	312 724,590	16,242	15,778
44	58	93 246	18 456,586	293 470,797	15,901	15,436
45	59	92 673	17 680,261	275 014,211	15,555	15,090
46	60	92 056	16 927,792	257 333,950	15,202	14,737
47	61	91 371	16 194,494	240 406,159	14,845	14,381
48	62	90 636	15 483,648	224 211,665	14,481	14,016
49	63	89 841	14 793,060	208 728,017	14,110	13,645
50	64	88 970	14 120,064	193 934,956	13,735	13,270
51	65	88 011	13 463,096	179 814,893	13,356	12,892
52	66	86 987	12 825,394	166 351,797	12,971	12,506
53	67	85 867	12 202,771	153 526,404	12,581	12,117
54	68	84 654	11 595,454	141 323,633	12,188	11,723
55	69	83 322	11 000,579	129 728,178	11,793	11,328
56	70	81 873	10 418,488	118 727,599	11,396	10,931
57	71	80 309	9 850,084	108 309,111	10,996	10,531
58	72	78 627	9 295,312	98 459,027	10,592	10,128
59	73	76 831	8 754,623	89 163,715	10,185	9,720
60	74	74 894	8 225,493	80 409,092	9,776	9,311
61	75	72 835	7 710,169	72 183,599	9,362	8,898
62	76	70 661	7 209,697	64 473,431	8,943	8,478
63	77	68 312	6 718,051	57 263,733	8,524	8,059
64	78	65 820	6 239,105	50 545,683	8,101	7,637
65	79	63 101	5 765,178	44 306,578	7,685	7,221
66	80	60 177	5 299,234	38 541,399	7,273	6,809
67	81	57 020	4 839,736	33 242,165	6,869	6,404
68	82	53 604	4 385,374	28 402,430	6,477	6,012
69	83	49 980	3 941,079	24 017,056	6,094	5,630
70	84	46 151	3 507,601	20 075,977	5,724	5,259
71	85	42 181	3 090,028	16 568,375	5,362	4,897
72	86	38 010	2 683,817	13 478,348	5,022	4,558
73	87	33 788	2 299,465	10 794,531	4,694	4,230
74	88	29 537	1 937,493	8 495,066	4,385	3,920
75	89	25 350	1 602,775	6 557,572	4,091	3,627
76	90	21 325	1 299,545	4 954,798	3,813	3,348
77	91	17 504	1 028,154	3 655,253	3,555	3,091
78	92	13 977	791,299	2 627,099	3,320	2,856
79	93	10 840	591,513	1 835,801	3,104	2,639
80	94	8 142	428,230	1 244,287	2,906	2,441
81	95	5 914	299,822	816,057	2,722	2,257
82	96	4 134	202,002	516,235	2,556	2,091
83	97	2 739	128,979	314,234	2,436	1,972
84	98	1 763	80,045	185,255	2,314	1,850
85	99	1 100	48,119	105,211	2,186	1,722
86	100	653	27,532	57,092	2,074	1,609

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 567	99 567,285	2 469 237,207	24,800	24,335
1	16	99 201	95 614,967	2 369 669,923	24,783	24,319
2	17	99 159	92 119,964	2 274 054,955	24,686	24,221
3	18	99 130	88 764,378	2 181 934,991	24,581	24,117
4	19	99 099	85 529,852	2 093 170,613	24,473	24,009
5	20	99 071	82 415,221	2 007 640,761	24,360	23,896
6	21	99 043	79 413,693	1 925 225,540	24,243	23,779
7	22	99 018	76 523,740	1 845 811,846	24,121	23,656
8	23	98 993	73 739,461	1 769 288,106	23,994	23,529
9	24	98 967	71 055,311	1 695 548,646	23,862	23,398
10	25	98 941	68 469,245	1 624 493,334	23,726	23,261
11	26	98 914	65 976,671	1 556 024,089	23,584	23,120
12	27	98 888	63 575,084	1 490 047,418	23,438	22,973
13	28	98 860	61 259,786	1 426 472,334	23,286	22,821
14	29	98 827	59 026,003	1 365 212,549	23,129	22,665
15	30	98 788	56 870,094	1 306 186,546	22,968	22,503
16	31	98 741	54 788,405	1 249 316,452	22,803	22,338
17	32	98 686	52 778,455	1 194 528,046	22,633	22,168
18	33	98 625	50 839,398	1 141 749,591	22,458	21,994
19	34	98 552	48 965,403	1 090 910,192	22,279	21,815
20	35	98 472	47 157,648	1 041 944,789	22,095	21,631
21	36	98 389	45 414,802	994 787,141	21,904	21,440
22	37	98 304	43 735,501	949 372,340	21,707	21,243
23	38	98 213	42 115,576	905 636,838	21,504	21,039
24	39	98 114	40 552,224	863 521,262	21,294	20,830
25	40	98 008	39 044,435	822 969,039	21,078	20,613
26	41	97 898	37 590,916	783 924,604	20,854	20,390
27	42	97 781	36 188,774	746 333,688	20,623	20,159
28	43	97 658	34 836,963	710 144,914	20,385	19,920
29	44	97 522	33 531,039	675 307,952	20,140	19,675
30	45	97 376	32 270,863	641 776,913	19,887	19,423
31	46	97 210	31 051,164	609 506,050	19,629	19,165
32	47	97 031	29 873,984	578 454,886	19,363	18,899
33	48	96 837	28 736,515	548 580,902	19,090	18,626
34	49	96 612	27 633,460	519 844,387	18,812	18,348
35	50	96 369	26 567,640	492 210,927	18,527	18,062
36	51	96 113	25 539,403	465 643,287	18,232	17,768
37	52	95 825	24 542,435	440 103,884	17,932	17,468
38	53	95 507	23 577,048	415 561,448	17,626	17,161
39	54	95 161	22 642,315	391 984,400	17,312	16,848
40	55	94 780	21 736,634	369 342,085	16,992	16,527
41	56	94 355	20 857,130	347 605,451	16,666	16,202
42	57	93 893	20 004,631	326 748,321	16,334	15,869
43	58	93 389	19 178,238	306 743,690	15,994	15,530
44	59	92 840	18 376,311	287 565,452	15,649	15,184
45	60	92 237	17 597,051	269 189,141	15,297	14,833
46	61	91 571	16 838,481	251 592,090	14,941	14,477
47	62	90 851	16 102,414	234 753,608	14,579	14,114
48	63	90 080	15 388,665	218 651,194	14,209	13,744
49	64	89 235	14 693,223	203 262,530	13,834	13,369
50	65	88 305	14 014,549	188 569,307	13,455	12,991
51	66	87 310	13 355,789	174 554,758	13,070	12,605
52	67	86 224	12 713,016	161 198,969	12,680	12,215
53	68	85 053	12 087,062	148 485,953	12,285	11,820
54	69	83 768	11 474,100	136 398,891	11,888	11,423
55	70	82 360	10 873,472	124 924,791	11,489	11,025
56	71	80 841	10 287,228	114 051,319	11,087	10,622
57	72	79 208	9 715,120	103 764,091	10,681	10,216
58	73	77 463	9 157,615	94 048,971	10,270	9,806
59	74	75 570	8 610,906	84 891,356	9,859	9,394
60	75	73 558	8 078,724	76 280,450	9,442	8,978
61	76	71 434	7 561,892	68 201,726	9,019	8,555
62	77	69 137	7 054,214	60 639,835	8,596	8,132
63	78	66 686	6 558,185	53 585,621	8,171	7,706
64	79	64 014	6 067,854	47 027,437	7,750	7,286
65	80	61 119	5 584,068	40 959,583	7,335	6,871
66	81	57 983	5 106,016	35 375,515	6,928	6,464
67	82	54 586	4 633,205	30 269,498	6,533	6,069
68	83	50 957	4 168,829	25 636,293	6,150	5,685
69	84	47 145	3 717,575	21 467,464	5,775	5,310
70	85	43 143	3 279,035	17 749,889	5,413	4,949
71	86	38 970	2 854,800	14 470,854	5,069	4,605
72	87	34 696	2 449,841	11 616,054	4,742	4,277
73	88	30 411	2 069,644	9 166,213	4,429	3,964
74	89	26 163	1 716,228	7 096,569	4,135	3,671
75	90	22 067	1 395,186	5 380,341	3,856	3,392
76	91	18 180	1 107,893	3 985,154	3,597	3,133
77	92	14 570	855,800	2 877,261	3,362	2,898
78	93	11 356	642,929	2 021,462	3,144	2,680
79	94	8 575	467,902	1 378,533	2,946	2,482
80	95	6 268	329,666	910,631	2,762	2,298
81	96	4 419	224,034	580,964	2,593	2,129
82	97	2 953	144,299	356,930	2,474	2,009
83	98	1 920	90,412	212,631	2,352	1,887
84	99	1 211	54,981	122,219	2,223	1,759
85	100	729	31,904	67,238	2,107	1,643

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 555	99 555,170	2 461 709,727	24,727	24,263
1	17	99 186	95 600,888	2 362 154,556	24,709	24,244
2	18	99 145	92 107,421	2 266 553,668	24,608	24,143
3	19	99 110	88 746,890	2 174 446,247	24,502	24,037
4	20	99 082	85 514,902	2 085 699,357	24,390	23,925
5	21	99 053	82 399,985	2 000 184,455	24,274	23,810
6	22	99 027	79 400,598	1 917 784,470	24,153	23,689
7	23	99 002	76 511,281	1 838 383,872	24,028	23,563
8	24	98 975	73 726,190	1 761 872,591	23,898	23,433
9	25	98 949	71 042,526	1 688 146,401	23,762	23,298
10	26	98 922	68 456,220	1 617 103,875	23,622	23,158
11	27	98 896	65 964,255	1 548 647,654	23,477	23,013
12	28	98 867	63 561,403	1 482 683,400	23,327	22,862
13	29	98 837	61 245,350	1 419 121,996	23,171	22,707
14	30	98 802	59 010,729	1 357 876,646	23,011	22,546
15	31	98 757	56 852,059	1 298 865,917	22,846	22,382
16	32	98 710	54 771,202	1 242 013,858	22,676	22,212
17	33	98 652	52 760,372	1 187 242,656	22,503	22,038
18	34	98 589	50 821,079	1 134 482,284	22,323	21,859
19	35	98 512	48 945,524	1 083 661,205	22,140	21,676
20	36	98 432	47 138,213	1 034 715,681	21,951	21,486
21	37	98 344	45 393,979	987 577,469	21,756	21,291
22	38	98 258	43 714,742	942 183,490	21,553	21,089
23	39	98 154	42 090,170	898 468,748	21,346	20,882
24	40	98 055	40 527,846	856 378,578	21,131	20,666
25	41	97 941	39 017,662	815 850,732	20,910	20,445
26	42	97 825	37 563,089	776 833,070	20,681	20,216
27	43	97 703	36 160,048	739 269,981	20,444	19,980
28	44	97 569	34 805,328	703 109,933	20,201	19,737
29	45	97 427	33 498,494	668 304,605	19,950	19,486
30	46	97 264	32 233,679	634 806,110	19,694	19,229
31	47	97 091	31 013,359	602 572,431	19,429	18,965
32	48	96 898	29 833,048	571 559,072	19,159	18,694
33	49	96 683	28 690,707	541 726,024	18,882	18,417
34	50	96 443	27 585,155	513 035,317	18,598	18,134
35	51	96 190	26 518,405	485 450,162	18,306	17,842
36	52	95 907	25 484,680	458 931,757	18,008	17,544
37	53	95 601	24 485,179	433 447,077	17,702	17,238
38	54	95 262	23 516,510	408 961,899	17,390	16,926
39	55	94 886	22 576,908	385 445,389	17,073	16,608
40	56	94 472	21 666,089	362 868,481	16,748	16,284
41	57	94 018	20 782,525	341 202,391	16,418	15,953
42	58	93 524	19 926,131	320 419,867	16,080	15,616
43	59	92 983	19 094,824	300 493,736	15,737	15,272
44	60	92 403	18 289,826	281 398,912	15,386	14,921
45	61	91 750	17 504,210	263 109,087	15,031	14,567
46	62	91 050	16 742,740	245 604,877	14,669	14,205
47	63	90 294	16 003,635	228 862,137	14,301	13,836
48	64	89 472	15 284,808	212 858,503	13,926	13,462
49	65	88 568	14 583,426	197 573,694	13,548	13,083
50	66	87 601	13 902,847	182 990,269	13,162	12,698
51	67	86 545	13 238,764	169 087,422	12,772	12,308
52	68	85 407	12 592,468	155 848,658	12,376	11,912
53	69	84 163	11 960,562	143 256,190	11,977	11,513
54	70	82 800	11 341,522	131 295,627	11,577	11,112
55	71	81 322	10 736,479	119 954,106	11,173	10,708
56	72	79 733	10 146,275	109 217,626	10,764	10,300
57	73	78 035	9 571,205	99 071,352	10,351	9,887
58	74	76 191	9 007,282	89 500,147	9,936	9,472
59	75	74 221	8 457,260	80 492,865	9,518	9,053
60	76	72 143	7 923,359	72 035,605	9,092	8,627
61	77	69 893	7 398,812	64 112,246	8,665	8,201
62	78	67 492	6 886,348	56 713,434	8,236	7,771
63	79	64 856	6 378,175	49 827,086	7,812	7,348
64	80	62 003	5 877,236	43 448,911	7,393	6,928
65	81	58 891	5 380,465	37 571,675	6,983	6,519
66	82	55 508	4 888,123	32 191,211	6,586	6,121
67	83	51 891	4 404,423	27 303,088	6,199	5,735
68	84	48 067	3 932,408	22 898,665	5,823	5,359
69	85	44 073	3 475,326	18 966,257	5,457	4,993
70	86	39 859	3 029,420	15 490,931	5,113	4,649
71	87	35 573	2 605,919	12 461,511	4,782	4,318
72	88	31 228	2 204,991	9 855,592	4,470	4,005
73	89	26 938	1 833,286	7 650,602	4,173	3,709
74	90	22 775	1 493,946	5 817,315	3,894	3,430
75	91	18 813	1 189,430	4 323,370	3,635	3,170
76	92	15 132	922,172	3 133,940	3,398	2,934
77	93	11 838	695,336	2 211,768	3,181	2,716
78	94	8 983	508,573	1 516,432	2,982	2,517
79	95	6 601	360,207	1 007,859	2,798	2,334
80	96	4 684	246,334	647,651	2,629	2,165
81	97	3 157	160,038	401,317	2,508	2,043
82	98	2 070	101,151	241,279	2,385	1,921
83	99	1 319	62,102	140,128	2,256	1,792
84	100	803	36,454	78,026	2,140	1,676

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 541	99 540,511	2 453 791,425	24,651	24,187
1	18	99 172	95 587,871	2 354 250,913	24,629	24,165
2	19	99 125	92 089,274	2 258 663,042	24,527	24,062
3	20	99 093	88 731,378	2 166 573,768	24,417	23,953
4	21	99 064	85 499,093	2 077 842,391	24,303	23,838
5	22	99 037	82 386,397	1 992 343,298	24,183	23,718
6	23	99 011	79 387,671	1 909 956,901	24,059	23,594
7	24	98 984	76 497,512	1 830 569,230	23,930	23,465
8	25	98 957	73 712,924	1 754 071,718	23,796	23,332
9	26	98 930	71 029,012	1 680 358,794	23,657	23,193
10	27	98 904	68 443,337	1 609 329,782	23,513	23,049
11	28	98 875	65 950,060	1 540 886,445	23,364	22,900
12	29	98 844	63 546,426	1 474 936,385	23,210	22,746
13	30	98 811	61 229,502	1 411 389,959	23,051	22,586
14	31	98 770	58 992,015	1 350 160,457	22,887	22,423
15	32	98 726	56 834,208	1 291 168,442	22,718	22,254
16	33	98 676	54 752,436	1 234 334,235	22,544	22,079
17	34	98 616	52 741,361	1 179 581,799	22,365	21,901
18	35	98 549	50 800,446	1 126 840,438	22,182	21,717
19	36	98 471	48 925,352	1 076 039,992	21,994	21,529
20	37	98 387	47 116,600	1 027 114,641	21,799	21,335
21	38	98 297	45 372,432	979 998,041	21,599	21,135
22	39	98 198	43 688,371	934 625,609	21,393	20,929
23	40	98 095	42 064,867	890 937,238	21,180	20,716
24	41	97 987	40 500,056	848 872,370	20,960	20,495
25	42	97 868	38 988,779	808 372,314	20,733	20,269
26	43	97 748	37 533,273	769 383,536	20,499	20,034
27	44	97 614	36 127,213	731 850,263	20,258	19,793
28	45	97 474	34 771,547	695 723,050	20,008	19,544
29	46	97 315	33 459,896	660 951,503	19,754	19,289
30	47	97 146	32 194,434	627 491,607	19,491	19,026
31	48	96 958	30 970,862	595 297,173	19,221	18,757
32	49	96 744	29 785,493	564 326,311	18,946	18,482
33	50	96 514	28 640,554	534 540,818	18,664	18,199
34	51	96 264	27 534,034	505 900,265	18,374	17,909
35	52	95 984	26 461,584	478 366,231	18,078	17,613
36	53	95 683	25 425,225	451 904,647	17,774	17,309
37	54	95 356	24 422,309	426 479,422	17,463	16,998
38	55	94 987	23 448,578	402 057,113	17,146	16,682
39	56	94 578	22 503,636	378 608,535	16,824	16,360
40	57	94 134	21 588,591	356 104,899	16,495	16,031
41	58	93 649	20 700,971	334 516,309	16,159	15,695
42	59	93 117	19 839,464	313 815,337	15,818	15,353
43	60	92 546	19 004,957	293 975,874	15,468	15,004
44	61	91 916	18 193,329	274 970,917	15,114	14,649
45	62	91 229	17 404,683	256 777,588	14,753	14,289
46	63	90 491	16 640,032	239 372,905	14,385	13,921
47	64	89 685	15 895,628	222 732,872	14,012	13,548
48	65	88 804	15 170,590	206 837,245	13,634	13,170
49	66	87 862	14 467,189	191 666,655	13,248	12,784
50	67	86 833	13 781,029	177 199,466	12,858	12,394
51	68	85 724	13 113,231	163 418,437	12,462	11,998
52	69	84 513	12 460,680	150 305,206	12,062	11,598
53	70	83 191	11 822,363	137 844,526	11,660	11,195
54	71	81 757	11 198,632	126 022,163	11,253	10,789
55	72	80 208	10 589,370	114 823,531	10,843	10,379
56	73	78 552	9 995,972	104 234,161	10,428	9,963
57	74	76 754	9 414,082	94 238,189	10,010	9,546
58	75	74 832	8 846,563	84 824,107	9,588	9,124
59	76	72 794	8 294,615	75 977,543	9,160	8,695
60	77	70 587	7 752,484	67 682,928	8,730	8,266
61	78	68 230	7 222,746	59 930,444	8,297	7,833
62	79	65 639	6 697,331	52 707,697	7,870	7,406
63	80	62 818	6 177,808	46 010,366	7,448	6,983
64	81	59 742	5 662,943	39 832,558	7,034	6,569
65	82	56 378	5 150,859	34 169,615	6,634	6,169
66	83	52 767	4 646,752	29 018,756	6,245	5,781
67	84	48 948	4 154,641	24 372,003	5,866	5,402
68	85	44 935	3 676,160	20 217,362	5,500	5,035
69	86	40 718	3 210,768	16 541,202	5,152	4,687
70	87	36 384	2 765,315	13 330,433	4,821	4,356
71	88	32 017	2 345,469	10 565,119	4,504	4,040
72	89	27 662	1 953,176	8 219,650	4,208	3,744
73	90	23 449	1 595,843	6 266,473	3,927	3,462
74	91	19 416	1 273,624	4 670,630	3,667	3,203
75	92	15 659	990,040	3 397,006	3,431	2,967
76	93	12 295	749,263	2 406,966	3,212	2,748
77	94	9 364	550,028	1 657,702	3,014	2,549
78	95	6 915	391,517	1 107,674	2,829	2,365
79	96	4 932	269,155	716,157	2,661	2,196
80	97	3 346	175,968	447,001	2,540	2,076
81	98	2 213	112,184	271,033	2,416	1,952
82	99	1 422	69,479	158,850	2,286	1,822
83	100	874	41,176	89,371	2,170	1,706

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 527	99 526,958	2 445 473,343	24,571	24,107
1	19	99 153	95 569,039	2 345 946,386	24,547	24,083
2	20	99 108	92 073,178	2 250 377,347	24,441	23,977
3	21	99 074	88 714,973	2 158 304,169	24,329	23,864
4	22	99 047	85 484,994	2 069 589,196	24,210	23,746
5	23	99 021	82 372,984	1 984 104,202	24,087	23,622
6	24	98 993	79 373,384	1 901 731,219	23,959	23,495
7	25	98 966	76 483,747	1 822 357,834	23,827	23,362
8	26	98 939	73 698,902	1 745 874,087	23,689	23,225
9	27	98 912	71 015,644	1 672 175,185	23,547	23,082
10	28	98 882	68 428,609	1 601 159,540	23,399	22,935
11	29	98 851	65 934,520	1 532 730,931	23,246	22,782
12	30	98 818	63 529,982	1 466 796,412	23,088	22,624
13	31	98 780	61 210,084	1 403 266,430	22,925	22,461
14	32	98 739	58 973,491	1 342 056,346	22,757	22,293
15	33	98 692	56 814,735	1 283 082,854	22,584	22,119
16	34	98 641	54 732,707	1 226 268,120	22,405	21,940
17	35	98 576	52 719,948	1 171 535,413	22,222	21,757
18	36	98 509	50 779,510	1 118 815,465	22,033	21,568
19	37	98 426	48 902,919	1 068 035,956	21,840	21,375
20	38	98 340	47 094,235	1 019 133,036	21,640	21,176
21	39	98 238	45 345,061	972 038,801	21,436	20,972
22	40	98 139	43 662,108	926 693,740	21,224	20,760
23	41	98 028	42 036,024	883 031,632	21,007	20,542
24	42	97 915	40 470,076	840 995,608	20,781	20,316
25	43	97 791	38 957,831	800 525,533	20,549	20,084
26	44	97 659	37 499,190	761 567,702	20,309	19,844
27	45	97 520	36 092,149	724 068,511	20,062	19,597
28	46	97 362	34 731,482	687 976,363	19,808	19,344
29	47	97 196	33 419,158	653 244,881	19,547	19,083
30	48	97 013	32 150,318	619 825,723	19,279	18,815
31	49	96 804	30 921,492	587 675,405	19,005	18,541
32	50	96 575	29 733,426	556 753,912	18,725	18,260
33	51	96 335	28 587,477	527 020,487	18,435	17,971
34	52	96 058	27 475,037	498 433,010	18,141	17,677
35	53	95 760	26 399,850	470 957,973	17,839	17,375
36	54	95 438	25 359,941	444 558,123	17,530	17,066
37	55	95 080	24 351,760	419 198,181	17,214	16,750
38	56	94 679	23 372,477	394 846,421	16,894	16,429
39	57	94 239	22 423,141	371 473,945	16,567	16,102
40	58	93 765	21 503,874	349 050,803	16,232	15,768
41	59	93 242	20 610,934	327 546,929	15,892	15,427
42	60	92 679	19 746,092	306 935,995	15,544	15,080
43	61	92 057	18 904,687	287 189,903	15,191	14,727
44	62	91 393	18 089,884	268 285,215	14,831	14,366
45	63	90 669	17 297,915	250 195,331	14,464	13,999
46	64	89 881	16 527,730	232 897,416	14,091	13,627
47	65	89 015	15 776,845	216 369,686	13,714	13,250
48	66	88 096	15 049,673	200 592,841	13,329	12,864
49	67	87 092	14 340,426	185 543,168	12,938	12,474
50	68	86 010	13 650,354	171 202,741	12,542	12,078
51	69	84 827	12 975,992	157 552,388	12,142	11,677
52	70	83 536	12 316,702	144 576,395	11,738	11,274
53	71	82 142	11 673,415	132 259,694	11,330	10,866
54	72	80 636	11 045,191	120 586,278	10,918	10,453
55	73	79 020	10 432,504	109 541,087	10,500	10,036
56	74	77 263	9 831,876	99 108,584	10,080	9,616
57	75	75 384	9 246,105	89 276,707	9,656	9,191
58	76	73 392	8 676,432	80 030,602	9,224	8,759
59	77	71 224	8 115,734	71 354,170	8,792	8,328
60	78	68 908	7 568,002	63 238,436	8,356	7,892
61	79	66 357	7 024,496	55 670,434	7,925	7,461
62	80	63 577	6 486,938	48 645,938	7,499	7,035
63	81	60 528	5 952,556	42 158,999	7,083	6,618
64	82	57 193	5 421,283	36 206,443	6,679	6,214
65	83	53 594	4 896,515	30 785,160	6,287	5,823
66	84	49 775	4 383,228	25 888,645	5,906	5,442
67	85	45 759	3 883,912	21 505,416	5,537	5,073
68	86	41 514	3 396,314	17 621,504	5,188	4,724
69	87	37 168	2 930,853	14 225,191	4,854	4,389
70	88	32 748	2 488,934	11 294,337	4,538	4,073
71	89	28 361	2 077,612	8 805,403	4,238	3,774
72	90	24 079	1 700,205	6 727,791	3,957	3,493
73	91	19 991	1 360,494	5 027,586	3,695	3,231
74	92	16 161	1 060,121	3 667,092	3,459	2,995
75	93	12 723	804,406	2 606,971	3,241	2,776
76	94	9 726	592,686	1 802,565	3,041	2,577
77	95	7 209	423,431	1 209,879	2,857	2,393
78	96	5 167	292,551	786,448	2,688	2,224
79	97	3 523	192,270	493,897	2,569	2,104
80	98	2 345	123,350	301,627	2,445	1,981
81	99	1 520	77,057	178,276	2,314	1,849
82	100	943	46,067	101,219	2,197	1,733

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 507	99 507,349	2 436 742,424	24,488	24,024
1	20	99 136	95 552,334	2 337 235,075	24,460	23,996
2	21	99 090	92 056,155	2 241 682,741	24,351	23,887
3	22	99 058	88 700,344	2 149 626,586	24,235	23,770
4	23	99 031	85 471,076	2 060 926,242	24,113	23,648
5	24	99 003	82 358,160	1 975 455,165	23,986	23,522
6	25	98 975	79 359,102	1 893 097,006	23,855	23,390
7	26	98 947	76 469,198	1 813 737,904	23,719	23,254
8	27	98 920	73 685,032	1 737 268,706	23,577	23,113
9	28	98 890	71 000,363	1 663 583,673	23,431	22,966
10	29	98 859	68 412,485	1 592 583,310	23,279	22,815
11	30	98 826	65 917,458	1 524 170,826	23,122	22,658
12	31	98 787	63 509,834	1 458 253,368	22,961	22,497
13	32	98 749	61 190,864	1 394 743,533	22,793	22,329
14	33	98 706	58 953,285	1 333 552,669	22,620	22,156
15	34	98 657	56 794,262	1 274 599,384	22,442	21,978
16	35	98 601	54 710,485	1 217 805,121	22,259	21,795
17	36	98 536	52 698,220	1 163 094,636	22,071	21,606
18	37	98 463	50 756,228	1 110 396,416	21,877	21,413
19	38	98 379	48 879,707	1 059 640,188	21,679	21,214
20	39	98 281	47 065,826	1 010 760,481	21,475	21,011
21	40	98 179	45 317,802	963 694,656	21,265	20,801
22	41	98 072	43 632,169	918 376,853	21,048	20,584
23	42	97 955	42 004,906	874 744,684	20,825	20,360
24	43	97 837	40 437,952	832 739,778	20,593	20,129
25	44	97 702	38 922,455	792 301,826	20,356	19,891
26	45	97 564	37 462,794	753 379,372	20,110	19,646
27	46	97 407	36 050,562	715 916,577	19,859	19,394
28	47	97 244	34 689,196	679 866,015	19,599	19,134
29	48	97 063	33 373,364	645 176,820	19,332	18,868
30	49	96 858	32 099,069	611 803,456	19,060	18,595
31	50	96 634	30 867,439	579 704,387	18,780	18,316
32	51	96 396	29 678,324	548 836,947	18,493	18,028
33	52	96 128	28 526,223	519 158,624	18,199	17,735
34	53	95 834	27 410,938	490 632,401	17,899	17,435
35	54	95 514	26 332,064	463 221,463	17,592	17,127
36	55	95 162	25 286,684	436 889,399	17,277	16,813
37	56	94 772	24 272,728	411 602,714	16,957	16,493
38	57	94 340	23 288,874	387 329,987	16,632	16,167
39	58	93 870	22 335,150	364 041,113	16,299	15,835
40	59	93 357	21 410,345	341 705,963	15,960	15,495
41	60	92 803	20 513,932	320 295,618	15,614	15,149
42	61	92 190	19 641,912	299 781,686	15,262	14,798
43	62	91 534	18 797,198	280 139,773	14,903	14,439
44	63	90 832	17 978,913	261 342,576	14,536	14,072
45	64	90 057	17 181,173	243 363,663	14,165	13,700
46	65	89 209	16 404,224	226 182,490	13,788	13,324
47	66	88 305	15 651,097	209 778,266	13,403	12,939
48	67	87 324	14 917,807	194 127,169	13,013	12,549
49	68	86 266	14 204,447	179 209,363	12,616	12,152
50	69	85 110	13 507,494	165 004,916	12,216	11,751
51	70	83 847	12 826,060	151 497,422	11,812	11,347
52	71	82 484	12 161,526	138 671,362	11,402	10,938
53	72	81 017	11 513,469	126 509,836	10,988	10,524
54	73	79 442	10 881,572	114 996,367	10,568	10,104
55	74	77 722	10 261,242	104 114,795	10,146	9,682
56	75	75 884	9 656,445	93 853,553	9,719	9,255
57	76	73 935	9 068,290	84 197,108	9,285	8,820
58	77	71 810	8 489,316	75 128,819	8,850	8,385
59	78	69 529	7 922,608	66 639,502	8,411	7,947
60	79	67 016	7 360,276	58 716,894	7,978	7,513
61	80	64 273	6 803,826	51 356,619	7,548	7,084
62	81	61 259	6 250,415	44 552,793	7,128	6,664
63	82	57 945	5 698,538	38 302,378	6,721	6,257
64	83	54 369	5 153,586	32 603,841	6,326	5,862
65	84	50 554	4 618,827	27 450,255	5,943	5,479
66	85	46 531	4 097,603	22 831,428	5,572	5,107
67	86	42 275	3 588,250	18 733,824	5,221	4,756
68	87	37 895	3 100,223	15 145,574	4,885	4,421
69	88	33 454	2 637,928	12 045,351	4,566	4,102
70	89	29 008	2 204,693	9 407,423	4,267	3,803
71	90	24 688	1 808,524	7 202,730	3,983	3,518
72	91	20 528	1 449,465	5 394,207	3,722	3,257
73	92	16 640	1 132,428	3 944,741	3,483	3,019
74	93	13 131	861,346	2 812,313	3,265	2,801
75	94	10 064	636,306	1 950,966	3,066	2,602
76	95	7 487	456,271	1 314,660	2,881	2,417
77	96	5 387	316,397	858,390	2,713	2,249
78	97	3 691	208,983	541,992	2,593	2,129
79	98	2 470	134,778	333,010	2,471	2,006
80	99	1 611	84,727	198,232	2,340	1,875
81	100	1 008	51,091	113,505	2,222	1,757

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 490	99 489,956	2 427 592,620	24,400	23,936
1	21	99 117	95 534,668	2 328 102,664	24,369	23,905
2	22	99 073	92 040,976	2 232 567,996	24,256	23,792
3	23	99 042	88 685,903	2 140 527,020	24,136	23,672
4	24	99 013	85 455,695	2 051 841,117	24,011	23,546
5	25	98 985	82 343,340	1 966 385,423	23,880	23,416
6	26	98 956	79 344,006	1 884 042,082	23,745	23,281
7	27	98 929	76 454,807	1 804 698,077	23,605	23,140
8	28	98 899	73 669,177	1 728 243,270	23,460	22,995
9	29	98 867	70 983,632	1 654 574,093	23,309	22,845
10	30	98 833	68 394,782	1 583 590,461	23,154	22,689
11	31	98 794	65 896,553	1 515 195,679	22,994	22,529
12	32	98 756	63 489,892	1 449 299,126	22,827	22,363
13	33	98 715	61 169,898	1 385 809,233	22,655	22,191
14	34	98 670	58 932,042	1 324 639,335	22,477	22,013
15	35	98 617	56 771,204	1 265 707,292	22,295	21,830
16	36	98 560	54 687,937	1 208 936,088	22,106	21,642
17	37	98 491	52 674,058	1 154 248,151	21,913	21,449
18	38	98 417	50 732,135	1 101 574,092	21,714	21,249
19	39	98 320	48 850,220	1 050 841,957	21,512	21,047
20	40	98 222	47 037,532	1 001 991,737	21,302	20,838
21	41	98 112	45 286,728	954 954,204	21,087	20,622
22	42	97 999	43 599,870	909 667,477	20,864	20,400
23	43	97 877	41 971,564	866 067,607	20,635	20,170
24	44	97 748	40 401,232	824 096,043	20,398	19,933
25	45	97 607	38 884,677	783 694,811	20,154	19,690
26	46	97 452	37 419,628	744 810,133	19,904	19,440
27	47	97 289	36 006,670	707 390,505	19,646	19,182
28	48	97 110	34 641,661	671 383,835	19,381	18,916
29	49	96 909	33 320,165	636 742,174	19,110	18,645
30	50	96 689	32 042,957	603 422,009	18,832	18,367
31	51	96 455	30 810,236	571 379,052	18,545	18,081
32	52	96 189	29 614,732	540 568,816	18,253	17,789
33	53	95 904	28 459,672	510 954,084	17,954	17,489
34	54	95 588	27 340,556	482 494,412	17,648	17,183
35	55	95 238	26 255,999	455 153,856	17,335	16,871
36	56	94 853	25 204,617	428 897,857	17,017	16,552
37	57	94 433	24 185,905	403 693,239	16,691	16,227
38	58	93 970	23 197,486	379 507,334	16,360	15,895
39	59	93 461	22 238,005	356 309,849	16,023	15,558
40	60	92 918	21 309,580	334 071,843	15,677	15,213
41	61	92 313	20 405,701	312 762,263	15,327	14,863
42	62	91 666	19 530,231	292 356,562	14,969	14,505
43	63	90 972	18 681,887	272 826,331	14,604	14,139
44	64	90 219	17 857,575	254 144,444	14,232	13,767
45	65	89 384	17 052,784	236 286,869	13,856	13,392
46	66	88 498	16 273,475	219 234,085	13,472	13,007
47	67	87 531	15 513,960	202 960,610	13,082	12,618
48	68	86 496	14 776,353	187 446,650	12,686	12,221
49	69	85 364	14 055,788	172 670,297	12,285	11,820
50	70	84 126	13 351,420	158 614,509	11,880	11,416
51	71	82 790	12 664,467	145 263,089	11,470	11,006
52	72	81 354	11 994,891	132 598,622	11,055	10,590
53	73	79 817	11 342,913	120 603,731	10,633	10,168
54	74	78 138	10 702,938	109 260,818	10,208	9,744
55	75	76 336	10 078,149	98 557,879	9,779	9,315
56	76	74 425	9 470,738	88 479,730	9,342	8,878
57	77	72 340	8 872,724	79 008,992	8,905	8,440
58	78	70 101	8 287,301	70 136,269	8,463	7,999
59	79	67 621	7 705,148	61 848,968	8,027	7,563
60	80	64 911	7 129,057	54 143,820	7,595	7,130
61	81	61 929	6 555,748	47 014,764	7,172	6,707
62	82	58 645	5 983,685	40 459,016	6,762	6,297
63	83	55 083	5 417,150	34 475,331	6,364	5,900
64	84	51 285	4 861,318	29 058,181	5,977	5,513
65	85	47 260	4 317,850	24 196,862	5,604	5,139
66	86	42 989	3 785,675	19 879,013	5,251	4,787
67	87	38 590	3 275,427	16 093,338	4,913	4,449
68	88	34 108	2 790,370	12 817,911	4,594	4,129
69	89	29 633	2 336,671	10 027,541	4,291	3,827
70	90	25 251	1 919,146	7 690,870	4,007	3,543
71	91	21 047	1 541,810	5 771,725	3,743	3,279
72	92	17 087	1 206,485	4 229,915	3,506	3,042
73	93	13 520	920,096	3 023,430	3,286	2,822
74	94	10 387	681,347	2 103,334	3,087	2,623
75	95	7 748	489,850	1 421,987	2,903	2,438
76	96	5 595	340,936	932,136	2,734	2,270
77	97	3 848	226,018	591,200	2,616	2,151
78	98	2 588	146,493	365,183	2,493	2,028
79	99	1 697	92,577	218,690	2,362	1,898
80	100	1 068	56,177	126,113	2,245	1,781

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 472	99 471,563	2 418 009,102	24,309	23,844
1	22	99 101	95 518,915	2 318 537,540	24,273	23,809
2	23	99 057	92 025,991	2 223 018,625	24,156	23,692
3	24	99 024	88 669,943	2 130 992,634	24,033	23,568
4	25	98 995	85 440,318	2 042 322,691	23,904	23,439
5	26	98 966	82 327,677	1 956 882,374	23,769	23,305
6	27	98 938	79 329,074	1 874 554,697	23,630	23,166
7	28	98 907	76 438,355	1 795 225,623	23,486	23,022
8	29	98 875	73 651,817	1 718 787,268	23,337	22,872
9	30	98 841	70 965,264	1 645 135,451	23,182	22,718
10	31	98 802	68 373,092	1 574 170,187	23,023	22,559
11	32	98 763	65 875,862	1 505 797,096	22,858	22,394
12	33	98 722	63 468,139	1 439 921,234	22,687	22,223
13	34	98 679	61 147,857	1 376 453,095	22,510	22,046
14	35	98 630	58 908,116	1 315 305,238	22,328	21,864
15	36	98 576	56 747,807	1 256 397,122	22,140	21,676
16	37	98 515	54 662,863	1 199 649,314	21,946	21,482
17	38	98 444	52 649,056	1 144 986,451	21,748	21,283
18	39	98 357	50 701,531	1 092 337,395	21,544	21,080
19	40	98 261	48 820,854	1 041 635,864	21,336	20,871
20	41	98 154	47 005,279	992 815,010	21,121	20,657
21	42	98 039	45 253,204	945 809,731	20,900	20,436
22	43	97 922	43 565,262	900 556,527	20,671	20,207
23	44	97 788	41 933,451	856 991,265	20,437	19,973
24	45	97 653	40 362,019	815 057,814	20,194	19,729
25	46	97 495	38 839,873	774 695,795	19,946	19,481
26	47	97 333	37 374,069	735 855,922	19,689	19,225
27	48	97 155	35 957,330	698 481,852	19,425	18,961
28	49	96 956	34 586,441	662 524,522	19,156	18,691
29	50	96 739	33 261,919	627 938,082	18,879	18,414
30	51	96 510	31 983,575	594 676,163	18,593	18,129
31	52	96 249	30 744,219	562 692,587	18,302	17,838
32	53	95 965	29 545,642	531 948,369	18,004	17,540
33	54	95 658	28 386,597	502 402,727	17,699	17,234
34	55	95 312	27 261,578	474 016,130	17,388	16,923
35	56	94 929	26 170,786	446 754,552	17,071	16,606
36	57	94 514	25 114,462	420 583,766	16,747	16,282
37	58	94 062	24 090,996	395 469,305	16,416	15,951
38	59	93 561	23 096,590	371 378,308	16,079	15,615
39	60	93 021	22 133,345	348 281,718	15,736	15,271
40	61	92 428	21 197,152	326 148,373	15,386	14,922
41	62	91 788	20 289,677	304 951,221	15,030	14,565
42	63	91 104	19 410,424	284 661,544	14,665	14,201
43	64	90 358	18 555,805	265 251,121	14,295	13,830
44	65	89 545	17 724,131	246 695,315	13,919	13,454
45	66	88 672	16 916,866	228 971,184	13,535	13,071
46	67	87 723	16 130,885	212 054,319	13,146	12,681
47	68	86 701	15 366,853	195 923,433	12,750	12,285
48	69	85 591	14 621,708	180 556,580	12,349	11,884
49	70	84 377	13 893,379	165 934,872	11,943	11,479
50	71	83 067	13 183,208	152 041,493	11,533	11,069
51	72	81 656	12 490,941	138 858,285	11,117	10,652
52	73	80 149	11 817,204	126 367,344	10,694	10,229
53	74	78 506	11 156,706	114 550,139	10,267	9,803
54	75	76 743	10 511,964	103 393,433	9,836	9,371
55	76	74 867	9 884,332	92 881,469	9,397	8,932
56	77	72 820	9 266,493	82 997,137	8,957	8,492
57	78	70 619	8 661,584	73 730,644	8,512	8,048
58	79	68 177	8 059,831	65 069,061	8,073	7,609
59	80	65 496	7 463,095	57 009,230	7,639	7,174
60	81	62 544	6 869,120	49 546,135	7,213	6,748
61	82	59 287	6 275,989	42 677,015	6,800	6,336
62	83	55 749	5 688,217	36 401,026	6,399	5,935
63	84	51 960	5 109,935	30 712,808	6,010	5,546
64	85	47 943	4 544,540	25 602,873	5,634	5,169
65	86	43 662	3 989,155	21 058,333	5,279	4,814
66	87	39 241	3 455,640	17 069,179	4,940	4,475
67	88	34 733	2 948,063	13 613,539	4,618	4,153
68	89	30 213	2 471,704	10 665,476	4,315	3,851
69	90	25 795	2 034,030	8 193,772	4,028	3,564
70	91	21 527	1 636,118	6 159,742	3,765	3,300
71	92	17 519	1 283,349	4 523,625	3,525	3,060
72	93	13 883	980,267	3 240,275	3,306	2,841
73	94	10 694	727,820	2 260,008	3,105	2,641
74	95	7 996	524,525	1 532,189	2,921	2,457
75	96	5 789	366,027	1 007,664	2,753	2,289
76	97	3 996	243,547	641,637	2,635	2,170
77	98	2 697	158,434	398,090	2,513	2,048
78	99	1 777	100,623	239,656	2,382	1,917
79	100	1 125	61,381	139,032	2,265	1,801

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 455	99 455,160	2 407 979,874	24,212	23,747
1	23	99 085	95 503,364	2 308 524,715	24,172	23,708
2	24	99 040	92 009,429	2 213 021,351	24,052	23,588
3	25	99 006	88 653,988	2 121 011,922	23,925	23,460
4	26	98 977	85 424,065	2 032 357,934	23,791	23,327
5	27	98 947	82 312,183	1 946 933,869	23,653	23,189
6	28	98 916	79 312,003	1 864 621,686	23,510	23,046
7	29	98 884	76 420,343	1 785 309,683	23,362	22,897
8	30	98 850	73 632,758	1 708 889,340	23,208	22,744
9	31	98 810	70 942,759	1 635 256,582	23,050	22,586
10	32	98 771	68 351,623	1 564 313,823	22,886	22,422
11	33	98 729	65 853,291	1 495 962,200	22,717	22,252
12	34	98 686	63 445,269	1 430 108,909	22,541	22,076
13	35	98 639	61 123,031	1 366 663,640	22,359	21,895
14	36	98 589	58 883,838	1 305 540,609	22,171	21,707
15	37	98 531	56 721,788	1 246 656,771	21,978	21,514
16	38	98 468	54 636,917	1 189 934,982	21,779	21,315
17	39	98 384	52 617,295	1 135 298,066	21,577	21,112
18	40	98 298	50 671,052	1 082 680,770	21,367	20,902
19	41	98 193	48 787,378	1 032 009,718	21,153	20,689
20	42	98 082	46 970,483	983 222,340	20,933	20,468
21	43	97 961	45 217,284	936 251,857	20,706	20,241
22	44	97 833	43 525,702	891 034,574	20,471	20,007
23	45	97 693	41 892,752	847 508,872	20,230	19,766
24	46	97 541	40 315,513	805 616,120	19,983	19,518
25	47	97 376	38 792,585	765 300,608	19,728	19,264
26	48	97 200	37 322,856	726 508,023	19,465	19,001
27	49	97 000	35 900,012	689 185,167	19,197	18,733
28	50	96 786	34 525,981	653 285,155	18,922	18,457
29	51	96 560	33 200,278	618 759,174	18,637	18,173
30	52	96 303	31 915,044	585 558,896	18,347	17,883
31	53	96 024	30 672,494	553 643,851	18,050	17,586
32	54	95 719	29 469,778	522 971,358	17,746	17,282
33	55	95 382	28 304,597	493 501,580	17,435	16,971
34	56	95 002	27 173,102	465 196,983	17,120	16,655
35	57	94 590	26 077,174	438 023,881	16,797	16,333
36	58	94 143	25 015,909	411 946,707	16,467	16,003
37	59	93 653	23 986,215	386 930,798	16,131	15,667
38	60	93 121	22 987,889	362 944,583	15,789	15,324
39	61	92 531	22 016,571	339 956,694	15,441	14,977
40	62	91 902	21 076,627	317 940,123	15,085	14,621
41	63	91 225	20 165,211	296 863,496	14,722	14,257
42	64	90 489	19 279,425	276 698,285	14,352	13,888
43	65	89 683	18 417,144	257 418,860	13,977	13,513
44	66	88 831	17 582,862	239 001,717	13,593	13,128
45	67	87 895	16 768,638	221 418,855	13,204	12,740
46	68	86 891	15 977,929	204 650,216	12,808	12,344
47	69	85 794	15 206,029	188 672,288	12,408	11,943
48	70	84 602	14 452,760	173 466,259	12,002	11,538
49	71	83 314	13 718,339	159 013,499	11,591	11,127
50	72	81 928	13 002,575	145 295,160	11,174	10,710
51	73	80 446	12 305,906	132 292,585	10,750	10,286
52	74	78 833	11 623,211	119 986,679	10,323	9,859
53	75	77 106	10 957,635	108 363,468	9,889	9,425
54	76	75 268	10 309,804	97 405,833	9,448	8,983
55	77	73 253	9 671,167	87 096,029	9,006	8,541
56	78	71 087	9 045,983	77 424,861	8,559	8,095
57	79	68 680	8 423,841	68 378,879	8,117	7,653
58	80	66 035	7 806,635	59 955,038	7,680	7,216
59	81	63 108	7 190,979	52 148,403	7,252	6,787
60	82	59 875	6 575,989	44 957,424	6,837	6,372
61	83	56 359	5 966,087	38 381,435	6,433	5,969
62	84	52 588	5 365,630	32 415,348	6,041	5,577
63	85	48 574	4 776,956	27 049,718	5,663	5,198
64	86	44 294	4 198,588	22 272,762	5,305	4,840
65	87	39 856	3 641,380	18 074,174	4,964	4,499
66	88	35 319	3 110,264	14 432,793	4,640	4,176
67	89	30 766	2 611,388	11 322,529	4,336	3,871
68	90	26 299	2 151,574	8 711,141	4,049	3,584
69	91	21 991	1 734,060	6 559,567	3,783	3,318
70	92	17 918	1 361,848	4 825,508	3,543	3,079
71	93	14 234	1 042,719	3 463,660	3,322	2,857
72	94	10 982	775,416	2 420,941	3,122	2,658
73	95	8 233	560,301	1 645,525	2,937	2,472
74	96	5 975	391,937	1 085,224	2,769	2,304
75	97	4 136	261,471	693,287	2,651	2,187
76	98	2 801	170,722	431,816	2,529	2,065
77	99	1 853	108,826	261,095	2,399	1,935
78	100	1 178	66,717	152,269	2,282	1,818

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 439	99 438,968	2 397 489,424	24,110	23,646
1	24	99 067	95 486,177	2 298 050,457	24,067	23,602
2	25	99 022	91 992,873	2 202 564,280	23,943	23,478
3	26	98 987	88 637,124	2 110 571,407	23,811	23,347
4	27	98 958	85 407,989	2 021 934,283	23,674	23,209
5	28	98 926	82 294,471	1 936 526,295	23,532	23,067
6	29	98 893	79 293,314	1 854 231,824	23,384	22,920
7	30	98 858	76 400,568	1 774 938,510	23,232	22,768
8	31	98 818	73 609,407	1 698 537,943	23,075	22,611
9	32	98 779	70 920,483	1 624 928,535	22,912	22,448
10	33	98 737	68 328,203	1 554 008,052	22,743	22,279
11	34	98 694	65 829,562	1 485 679,849	22,569	22,104
12	35	98 646	63 419,511	1 419 850,288	22,388	21,924
13	36	98 599	61 097,841	1 356 430,777	22,201	21,737
14	37	98 544	58 856,840	1 295 332,936	22,008	21,544
15	38	98 484	56 694,865	1 236 476,096	21,809	21,345
16	39	98 409	54 603,957	1 179 781,231	21,606	21,142
17	40	98 325	52 585,665	1 125 177,274	21,397	20,933
18	41	98 231	50 636,307	1 072 591,610	21,182	20,718
19	42	98 121	48 751,263	1 021 955,303	20,963	20,498
20	43	98 004	46 933,199	973 204,040	20,736	20,272
21	44	97 872	45 176,224	926 270,841	20,504	20,039
22	45	97 738	43 483,457	881 094,617	20,263	19,798
23	46	97 581	41 844,481	837 611,160	20,017	19,553
24	47	97 422	40 266,428	795 766,679	19,763	19,298
25	48	97 242	38 739,428	755 500,251	19,502	19,038
26	49	97 045	37 263,361	716 760,824	19,235	18,771
27	50	96 831	35 837,256	679 497,462	18,961	18,496
28	51	96 607	34 461,998	643 660,206	18,677	18,213
29	52	96 353	33 129,140	609 198,209	18,389	17,924
30	53	96 078	31 840,587	576 069,069	18,092	17,628
31	54	95 778	30 593,737	544 228,481	17,789	17,324
32	55	95 442	29 384,649	513 634,744	17,480	17,015
33	56	95 072	28 212,735	484 250,095	17,164	16,700
34	57	94 663	27 075,904	456 037,360	16,843	16,378
35	58	94 219	25 974,844	428 961,456	16,514	16,050
36	59	93 734	24 907,105	402 986,611	16,180	15,715
37	60	93 212	23 873,327	378 079,507	15,837	15,372
38	61	92 630	22 866,606	354 206,180	15,490	15,026
39	62	92 005	21 891,387	331 339,574	15,136	14,671
40	63	91 338	20 947,334	309 448,187	14,773	14,308
41	64	90 610	20 029,118	288 500,853	14,404	13,940
42	65	89 813	19 135,356	268 471,735	14,030	13,566
43	66	88 968	18 270,351	249 336,379	13,647	13,183
44	67	88 053	17 428,799	231 066,028	13,258	12,793
45	68	87 061	16 609,634	213 637,229	12,862	12,398
46	69	85 981	15 810,709	197 027,594	12,462	11,997
47	70	84 803	15 030,329	181 216,886	12,057	11,592
48	71	83 536	14 270,673	166 186,556	11,645	11,181
49	72	82 173	13 530,374	151 915,884	11,228	10,763
50	73	80 715	12 809,960	138 385,510	10,803	10,339
51	74	79 126	12 103,890	125 575,550	10,375	9,910
52	75	77 426	11 415,816	113 471,660	9,940	9,475
53	76	75 623	10 746,905	102 055,844	9,496	9,032
54	77	73 644	10 087,464	91 308,940	9,052	8,587
55	78	71 510	9 441,028	81 221,476	8,603	8,139
56	79	69 136	8 797,688	71 780,448	8,159	7,695
57	80	66 523	8 159,210	62 982,760	7,719	7,255
58	81	63 627	7 521,994	54 823,550	7,288	6,824
59	82	60 415	6 884,112	47 301,556	6,871	6,407
60	83	56 919	6 251,273	40 417,444	6,465	6,001
61	84	53 163	5 627,742	34 166,170	6,071	5,607
62	85	49 161	5 015,989	28 538,429	5,689	5,225
63	86	44 876	4 413,312	23 522,440	5,330	4,865
64	87	40 432	3 832,555	19 109,128	4,986	4,522
65	88	35 873	3 277,441	15 276,573	4,661	4,197
66	89	31 286	2 755,066	11 999,132	4,355	3,891
67	90	26 781	2 273,166	9 244,066	4,067	3,602
68	91	22 421	1 834,268	6 970,900	3,800	3,336
69	92	18 304	1 443,371	5 136,632	3,559	3,094
70	93	14 559	1 106,499	3 693,261	3,338	2,873
71	94	11 259	824,818	2 586,762	3,136	2,672
72	95	8 454	596,942	1 761,944	2,952	2,487
73	96	6 152	418,670	1 165,002	2,783	2,318
74	97	4 268	279,979	746,332	2,666	2,201
75	98	2 899	183,286	466,353	2,544	2,080
76	99	1 924	117,266	283,067	2,414	1,949
77	100	1 228	72,155	165,801	2,298	1,833

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 421	99 421,072	2 386 523,550	24,004	23,540
1	25	99 049	95 468,995	2 287 102,478	23,956	23,492
2	26	99 003	91 975,374	2 191 633,483	23,828	23,364
3	27	98 969	88 620,442	2 099 658,109	23,693	23,228
4	28	98 937	85 389,610	2 011 037,666	23,551	23,087
5	29	98 903	82 275,078	1 925 648,056	23,405	22,941
6	30	98 867	79 272,795	1 843 372,978	23,254	22,789
7	31	98 827	76 376,339	1 764 100,182	23,097	22,633
8	32	98 787	73 586,294	1 687 723,843	22,935	22,471
9	33	98 745	70 896,183	1 614 137,549	22,768	22,303
10	34	98 702	68 303,582	1 543 241,366	22,594	22,129
11	35	98 654	65 802,835	1 474 937,784	22,415	21,950
12	36	98 605	63 393,374	1 409 134,948	22,228	21,764
13	37	98 554	61 069,827	1 345 741,575	22,036	21,572
14	38	98 497	58 828,903	1 284 671,747	21,837	21,373
15	39	98 425	56 660,663	1 225 842,844	21,635	21,170
16	40	98 350	54 571,132	1 169 182,181	21,425	20,960
17	41	98 258	52 549,607	1 114 611,049	21,211	20,746
18	42	98 158	50 598,823	1 062 061,442	20,990	20,525
19	43	98 043	48 712,566	1 011 462,619	20,764	20,299
20	44	97 915	46 890,581	962 750,053	20,532	20,067
21	45	97 777	45 132,377	915 859,472	20,293	19,828
22	46	97 625	43 433,354	870 727,096	20,047	19,583
23	47	97 462	41 793,535	827 293,742	19,795	19,330
24	48	97 289	40 211,251	785 500,207	19,534	19,070
25	49	97 087	38 677,675	745 288,956	19,269	18,805
26	50	96 875	37 198,222	706 611,282	18,996	18,531
27	51	96 651	35 770,843	669 413,059	18,714	18,250
28	52	96 400	34 388,156	633 642,217	18,426	17,962
29	53	96 128	33 051,851	599 254,061	18,131	17,666
30	54	95 831	31 758,831	566 202,210	17,828	17,364
31	55	95 501	30 505,361	534 443,379	17,520	17,055
32	56	95 132	29 289,283	503 938,018	17,206	16,741
33	57	94 732	28 111,820	474 648,735	16,884	16,420
34	58	94 291	26 969,655	446 536,916	16,557	16,093
35	59	93 809	25 861,869	419 567,261	16,223	15,759
36	60	93 292	24 789,883	393 705,392	15,882	15,417
37	61	92 720	23 747,372	368 915,509	15,535	15,071
38	62	92 103	22 736,589	345 168,137	15,181	14,717
39	63	91 440	21 757,096	322 431,547	14,820	14,355
40	64	90 722	20 805,962	300 674,452	14,451	13,987
41	65	89 932	19 879,447	279 868,489	14,078	13,614
42	66	89 097	18 982,839	259 989,042	13,696	13,232
43	67	88 189	18 110,264	241 006,204	13,308	12,843
44	68	87 218	17 263,535	222 895,939	12,911	12,447
45	69	86 150	16 435,803	205 632,404	12,511	12,047
46	70	84 988	15 628,022	189 196,601	12,106	11,642
47	71	83 734	14 840,965	173 568,578	11,695	11,231
48	72	82 391	14 075,139	158 727,613	11,277	10,813
49	73	80 955	13 329,940	144 652,474	10,852	10,387
50	74	79 390	12 599,670	131 322,534	10,423	9,958
51	75	77 714	11 887,918	118 722,864	9,987	9,522
52	76	75 937	11 196,274	106 834,946	9,542	9,078
53	77	73 992	10 515,138	95 638,672	9,095	8,631
54	78	71 892	9 847,418	85 123,534	8,644	8,180
55	79	69 547	9 181,890	75 276,117	8,198	7,734
56	80	66 964	8 521,314	66 094,227	7,756	7,292
57	81	64 097	7 861,713	57 572,913	7,323	6,859
58	82	60 912	7 201,001	49 711,200	6,903	6,439
59	83	57 432	6 544,182	42 510,199	6,496	6,031
60	84	53 691	5 896,754	35 966,017	6,099	5,635
61	85	49 699	5 261,020	30 069,262	5,715	5,251
62	86	45 418	4 634,148	24 808,242	5,353	4,889
63	87	40 964	4 028,559	20 174,094	5,008	4,543
64	88	36 391	3 449,509	16 145,534	4,681	4,216
65	89	31 776	2 903,150	12 696,026	4,373	3,909
66	90	27 234	2 398,235	9 792,875	4,083	3,619
67	91	22 832	1 937,929	7 394,640	3,816	3,351
68	92	18 662	1 526,782	5 456,711	3,574	3,110
69	93	14 872	1 172,737	3 929,930	3,351	2,887
70	94	11 516	875,269	2 757,193	3,150	2,686
71	95	8 668	634,973	1 881,924	2,964	2,499
72	96	6 317	446,049	1 246,951	2,796	2,331
73	97	4 395	299,076	800,902	2,678	2,214
74	98	2 992	196,260	501,826	2,557	2,093
75	99	1 991	125,896	305,566	2,427	1,963
76	100	1 276	77,751	179,670	2,311	1,846

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 403	99 403,183	2 375 069,564	23,893	23,429
1	26	99 030	95 450,834	2 275 666,382	23,841	23,377
2	27	98 984	91 958,065	2 180 215,547	23,709	23,244
3	28	98 947	88 601,373	2 088 257,483	23,569	23,105
4	29	98 913	85 369,489	1 999 656,110	23,424	22,959
5	30	98 877	82 253,788	1 914 286,621	23,273	22,809
6	31	98 836	79 247,656	1 832 032,833	23,118	22,653
7	32	98 796	76 352,357	1 752 785,177	22,957	22,492
8	33	98 754	73 561,081	1 676 432,820	22,790	22,325
9	34	98 710	70 870,637	1 602 871,739	22,617	22,152
10	35	98 662	68 275,851	1 532 001,102	22,438	21,974
11	36	98 613	65 775,716	1 463 725,251	22,253	21,789
12	37	98 560	63 364,308	1 397 949,535	22,062	21,598
13	38	98 507	61 040,840	1 334 585,227	21,864	21,399
14	39	98 438	58 793,414	1 273 544,387	21,661	21,197
15	40	98 365	56 626,602	1 214 750,973	21,452	20,988
16	41	98 282	54 533,713	1 158 124,371	21,237	20,772
17	42	98 185	52 510,706	1 103 590,658	21,016	20,552
18	43	98 080	50 558,660	1 051 079,952	20,789	20,325
19	44	97 954	48 668,332	1 000 521,292	20,558	20,094
20	45	97 820	46 845,070	951 852,960	20,319	19,855
21	46	97 665	45 080,373	905 007,890	20,075	19,611
22	47	97 506	43 380,473	859 927,517	19,823	19,358
23	48	97 328	41 736,265	816 547,044	19,564	19,100
24	49	97 134	40 147,152	774 810,779	19,299	18,835
25	50	96 918	38 610,064	734 663,627	19,028	18,563
26	51	96 696	37 129,286	696 053,563	18,747	18,282
27	52	96 444	35 694,197	658 924,277	18,460	17,996
28	53	96 175	34 307,930	623 230,080	18,166	17,701
29	54	95 881	32 966,984	588 922,150	17,864	17,400
30	55	95 555	31 667,090	555 955,166	17,556	17,092
31	56	95 191	30 406,357	524 288,076	17,243	16,778
32	57	94 792	29 184,516	493 881,719	16,923	16,458
33	58	94 360	28 001,505	464 697,203	16,595	16,131
34	59	93 881	26 852,353	436 695,698	16,263	15,798
35	60	93 367	25 740,154	409 843,345	15,922	15,458
36	61	92 800	24 659,092	384 103,192	15,577	15,112
37	62	92 193	23 612,348	359 444,099	15,223	14,758
38	63	91 538	22 597,113	335 831,752	14,862	14,397
39	64	90 823	21 610,259	313 234,638	14,495	14,030
40	65	90 044	20 650,486	291 624,379	14,122	13,657
41	66	89 216	19 720,999	270 973,893	13,740	13,276
42	67	88 316	18 816,509	251 252,894	13,353	12,888
43	68	87 353	17 938,539	232 436,385	12,957	12,493
44	69	86 305	17 082,861	214 497,846	12,556	12,092
45	70	85 155	16 245,894	197 414,985	12,152	11,687
46	71	83 917	15 431,128	181 169,091	11,740	11,276
47	72	82 587	14 637,618	165 737,963	11,323	10,858
48	73	81 171	13 866,636	151 100,345	10,897	10,432
49	74	79 626	13 111,114	137 233,710	10,467	10,003
50	75	77 973	12 374,852	124 122,596	10,030	9,566
51	76	76 219	11 659,297	111 747,744	9,584	9,120
52	77	74 300	10 954,816	100 088,447	9,136	8,672
53	78	72 231	10 264,914	89 133,631	8,683	8,219
54	79	69 919	9 577,126	78 868,717	8,235	7,771
55	80	67 362	8 893,446	69 291,591	7,791	7,327
56	81	64 522	8 210,614	60 398,146	7,356	6,892
57	82	61 362	7 526,223	52 187,532	6,934	6,470
58	83	57 904	6 845,423	44 661,308	6,524	6,060
59	84	54 175	6 173,052	37 815,885	6,126	5,662
60	85	50 192	5 512,503	31 642,833	5,740	5,276
61	86	45 915	4 860,527	26 130,330	5,376	4,912
62	87	41 459	4 230,143	21 269,803	5,028	4,564
63	88	36 870	3 625,923	17 039,659	4,699	4,235
64	89	32 235	3 055,568	13 413,736	4,390	3,926
65	90	27 660	2 527,140	10 358,169	4,099	3,634
66	91	23 217	2 044,553	7 831,028	3,830	3,366
67	92	19 004	1 613,065	5 786,475	3,587	3,123
68	93	15 163	1 240,507	4 173,410	3,364	2,900
69	94	11 764	927,665	2 932,903	3,162	2,697
70	95	8 866	673,813	2 005,238	2,976	2,512
71	96	6 477	474,467	1 331,426	2,806	2,342
72	97	4 513	318,634	856,959	2,689	2,225
73	98	3 080	209,646	538,325	2,568	2,103
74	99	2 055	134,807	328,679	2,438	1,974
75	100	1 320	83,473	193,871	2,323	1,858

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0							50	49	94 217	14 952,900	248 347,632	16,609	16,144
1	0	99 644	96 042,191	2 445 469,274	25,462	24,998	51	50	93 740	14 339,413	233 394,732	16,276	15,812
2	1	99 317	92 267,069	2 349 427,082	25,463	24,999	52	51	93 220	13 744,437	219 055,318	15,938	15,473
3	2	99 277	88 896,185	2 257 160,014	25,391	24,927	53	52	92 635	13 164,527	205 310,881	15,596	15,131
4	3	99 254	85 663,093	2 168 263,829	25,312	24,847	54	53	91 985	12 599,634	192 146,354	15,250	14,786
5	4	99 233	82 549,526	2 082 600,736	25,229	24,764	55	54	91 261	12 048,647	179 546,720	14,902	14,437
6	5	99 213	79 550,203	2 000 051,210	25,142	24,678	56	55	90 459	11 511,142	167 498,073	14,551	14,087
7	6	99 195	76 661,094	1 920 501,007	25,052	24,587	57	56	89 572	10 986,218	155 986,931	14,198	13,734
8	7	99 178	73 877,311	1 843 839,912	24,958	24,494	58	57	88 597	10 473,883	145 000,714	13,844	13,380
9	8	99 165	71 197,650	1 769 962,601	24,860	24,395	59	58	87 529	9 973,675	134 526,830	13,488	13,024
10	9	99 150	68 613,968	1 698 764,952	24,758	24,294	60	59	86 370	9 485,829	124 553,155	13,130	12,666
11	10	99 136	66 124,660	1 630 150,984	24,653	24,188	61	60	85 118	9 010,474	115 067,327	12,770	12,306
12	11	99 123	63 725,951	1 564 026,324	24,543	24,079	62	61	83 753	8 545,487	106 056,853	12,411	11,946
13	12	99 108	61 413,626	1 500 300,373	24,429	23,965	63	62	82 282	8 091,986	97 511,366	12,050	11,586
14	13	99 091	59 183,533	1 438 886,747	24,312	23,848	64	63	80 716	7 651,056	89 419,380	11,687	11,223
15	14	99 068	57 031,256	1 379 703,214	24,192	23,728	65	64	79 029	7 220,347	81 768,324	11,325	10,860
16	15	99 043	54 956,030	1 322 671,957	24,068	23,603	66	65	77 229	6 800,846	74 547,977	10,962	10,497
17	16	99 007	52 950,116	1 267 715,927	23,942	23,477	67	66	75 341	6 394,801	67 747,131	10,594	10,130
18	17	98 965	51 014,721	1 214 765,811	23,812	23,348	68	67	73 337	5 999,706	61 352,330	10,226	9,761
19	18	98 914	49 145,282	1 163 751,090	23,680	23,215	69	68	71 248	5 618,151	55 352,625	9,852	9,388
20	19	98 855	47 340,781	1 114 605,808	23,544	23,080	70	69	69 015	5 245,353	49 734,474	9,482	9,017
21	20	98 795	45 601,991	1 067 265,027	23,404	22,939	71	70	66 696	4 885,890	44 489,120	9,106	8,641
22	21	98 736	43 927,791	1 021 663,036	23,258	22,793	72	71	64 233	4 535,388	39 603,230	8,732	8,268
23	22	98 675	42 313,853	977 735,245	23,107	22,642	73	72	61 694	4 198,668	35 067,842	8,352	7,888
24	23	98 619	40 761,096	935 421,392	22,949	22,484	74	73	59 033	3 872,350	30 869,174	7,972	7,507
25	24	98 554	39 262,081	894 660,295	22,787	22,322	75	74	56 259	3 556,997	26 996,824	7,590	7,125
26	25	98 493	37 819,591	855 398,215	22,618	22,153	76	75	53 397	3 254,043	23 439,827	7,203	6,739
27	26	98 430	36 428,960	817 578,624	22,443	21,979	77	76	50 424	2 961,762	20 185,784	6,815	6,351
28	27	98 366	35 089,430	781 149,664	22,262	21,797	78	77	47 328	2 679,477	17 224,022	6,428	5,964
29	28	98 297	33 797,464	746 060,235	22,074	21,610	79	78	44 101	2 406,534	14 544,546	6,044	5,579
30	29	98 222	32 551,204	712 262,770	21,881	21,417	80	79	40 726	2 142,035	12 138,011	5,667	5,202
31	30	98 142	31 348,926	679 711,567	21,682	21,218	81	80	37 221	1 886,922	9 995,976	5,298	4,833
32	31	98 050	30 187,647	648 362,640	21,478	21,013	82	81	33 550	1 639,321	8 109,055	4,947	4,482
33	32	97 957	29 068,950	618 174,993	21,266	20,801	83	82	29 784	1 402,739	6 469,734	4,612	4,148
34	33	97 852	27 988,171	589 106,043	21,048	20,584	84	83	26 007	1 180,572	5 066,994	4,292	3,828
35	34	97 742	26 946,078	561 117,872	20,824	20,359	85	84	22 275	974,625	3 886,423	3,988	3,523
36	35	97 623	25 940,751	534 171,794	20,592	20,128	86	85	18 644	786,255	2 911,797	3,703	3,239
37	36	97 499	24 971,349	508 231,042	20,353	19,888	87	86	15 197	617,734	2 125,542	3,441	2,976
38	37	97 359	24 034,162	483 259,694	20,107	19,643	88	87	12 040	471,700	1 507,808	3,197	2,732
39	38	97 209	23 129,740	459 225,532	19,854	19,390	89	88	9 225	348,359	1 036,108	2,974	2,510
40	39	97 042	22 255,457	436 095,792	19,595	19,131	90	89	6 822	248,314	687,749	2,770	2,305
41	40	96 864	21 411,613	413 840,335	19,328	18,863	91	90	4 860	170,514	439,435	2,577	2,113
42	41	96 668	20 596,040	392 428,723	19,054	18,589	92	91	3 319	112,219	268,921	2,396	1,932
43	42	96 458	19 808,329	371 832,682	18,772	18,307	93	92	2 140	69,740	156,702	2,247	1,783
44	43	96 233	19 047,837	352 024,353	18,481	18,017	94	93	1 315	41,321	86,962	2,105	1,640
45	44	95 972	18 309,709	332 976,516	18,186	17,721	95	94	760	22,998	45,640	1,985	1,520
46	45	95 691	17 596,250	314 666,807	17,883	17,418	96	95	415	12,114	22,642	1,869	1,405
47	46	95 373	16 903,783	297 070,556	17,574	17,110	97	96	210	5,912	10,529	1,781	1,316
48	47	95 031	16 234,433	280 166,774	17,258	16,793	98	97	100	2,700	4,617	1,710	1,245
49	48	94 649	15 584,709	263 932,341	16,935	16,471	99	98	45	1,166	1,916	1,643	1,179
							100	99	19	0,476	0,750	1,577	1,112

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2	0	99 616	92 545,199	2 352 200,245	25,417	24,952
3	1	99 301	88 918,231	2 259 655,046	25,413	24,948
4	2	99 266	85 673,736	2 170 736,814	25,337	24,873
5	3	99 243	82 558,040	2 085 063,079	25,256	24,791
6	4	99 223	79 557,815	2 002 505,038	25,170	24,706
7	5	99 204	76 667,924	1 922 947,223	25,082	24,617
8	6	99 187	73 883,847	1 846 279,299	24,989	24,525
9	7	99 170	71 200,957	1 772 395,452	24,893	24,428
10	8	99 157	68 618,750	1 701 194,495	24,792	24,328
11	9	99 142	66 128,705	1 632 575,745	24,688	24,223
12	10	99 129	63 729,679	1 566 447,040	24,580	24,115
13	11	99 116	61 418,375	1 502 717,361	24,467	24,002
14	12	99 099	59 188,181	1 441 298,986	24,351	23,887
15	13	99 078	57 036,630	1 382 110,805	24,232	23,768
16	14	99 052	54 961,098	1 325 074,175	24,109	23,645
17	15	99 019	52 956,559	1 270 113,077	23,984	23,520
18	16	98 980	51 022,234	1 217 156,518	23,855	23,391
19	17	98 927	49 151,975	1 166 134,284	23,725	23,261
20	18	98 874	47 350,109	1 116 982,309	23,590	23,125
21	19	98 812	45 609,964	1 069 632,200	23,452	22,987
22	20	98 755	43 935,914	1 024 022,236	23,307	22,843
23	21	98 692	42 320,832	980 086,322	23,158	22,694
24	22	98 635	40 767,734	937 765,491	23,003	22,538
25	23	98 572	39 269,148	896 997,757	22,842	22,378
26	24	98 511	37 826,397	857 728,609	22,675	22,211
27	25	98 448	36 435,891	819 902,212	22,503	22,038
28	26	98 384	35 096,034	783 466,322	22,323	21,859
29	27	98 318	33 804,739	748 370,287	22,138	21,674
30	28	98 245	32 558,876	714 565,549	21,947	21,482
31	29	98 167	31 357,041	682 006,673	21,750	21,285
32	30	98 081	30 197,224	650 649,632	21,547	21,082
33	31	97 988	29 078,080	620 452,408	21,337	20,873
34	32	97 886	27 997,764	591 374,328	21,122	20,658
35	33	97 777	26 955,791	563 376,564	20,900	20,436
36	34	97 663	25 951,287	536 420,773	20,670	20,206
37	35	97 540	24 981,644	510 469,485	20,434	19,969
38	36	97 404	24 045,186	485 487,841	20,191	19,726
39	37	97 255	23 140,724	461 442,654	19,941	19,476
40	38	97 101	22 268,891	438 301,930	19,682	19,218
41	39	96 922	21 424,492	416 033,040	19,419	18,954
42	40	96 735	20 610,172	394 608,548	19,146	18,682
43	41	96 529	19 823,004	373 998,376	18,867	18,402
44	42	96 309	19 062,968	354 175,372	18,579	18,115
45	43	96 060	18 326,351	335 112,404	18,286	17,821
46	44	95 784	17 613,346	316 786,053	17,986	17,521
47	45	95 483	16 923,282	299 172,707	17,678	17,214
48	46	95 147	16 254,223	282 249,425	17,365	16,900
49	47	94 779	15 606,094	265 995,202	17,044	16,580
50	48	94 368	14 976,774	250 389,108	16,718	16,254
51	49	93 904	14 364,524	235 412,335	16,388	15,924
52	50	93 393	13 769,956	221 047,811	16,053	15,588
53	51	92 834	13 192,796	207 277,855	15,711	15,247
54	52	92 200	12 629,097	194 085,060	15,368	14,904
55	53	91 496	12 079,664	181 455,962	15,022	14,557
56	54	90 721	11 544,490	169 376,299	14,672	14,207
57	55	89 863	11 021,989	157 831,809	14,320	13,855
58	56	88 915	10 511,482	146 809,820	13,967	13,502
59	57	87 874	10 012,967	136 298,337	13,612	13,148
60	58	86 747	9 527,267	126 285,370	13,255	12,791
61	59	85 521	9 053,081	116 758,103	12,897	12,433
62	60	84 197	8 590,812	107 705,023	12,537	12,073
63	61	82 753	8 138,259	99 114,211	12,179	11,714
64	62	81 214	7 698,281	90 975,952	11,818	11,353
65	63	79 566	7 269,407	83 277,671	11,456	10,991
66	64	77 810	6 852,049	76 008,264	11,093	10,628
67	65	75 946	6 446,180	69 156,215	10,728	10,264
68	66	73 985	6 052,741	62 710,035	10,361	9,896
69	67	71 930	5 671,933	56 657,294	9,989	9,525
70	68	69 745	5 300,830	50 985,361	9,618	9,154
71	69	67 476	4 943,005	45 684,531	9,242	8,778
72	70	65 053	4 593,258	40 741,526	8,870	8,405
73	71	62 551	4 256,997	36 148,269	8,491	8,027
74	72	59 921	3 930,576	31 891,272	8,114	7,649
75	73	57 198	3 616,363	27 960,696	7,732	7,267
76	74	54 367	3 313,161	24 344,333	7,348	6,883
77	75	51 412	3 019,837	21 031,172	6,964	6,500
78	76	48 372	2 738,536	18 011,335	6,577	6,113
79	77	45 176	2 465,197	15 272,799	6,195	5,731
80	78	41 876	2 202,489	12 807,602	5,815	5,351
81	79	38 428	1 948,121	10 605,113	5,444	4,979
82	80	34 819	1 701,355	8 656,992	5,088	4,624
83	81	31 112	1 465,268	6 955,637	4,747	4,283
84	82	27 358	1 241,895	5 490,369	4,421	3,957
85	83	23 615	1 033,221	4 248,474	4,112	3,647
86	84	19 944	841,061	3 215,253	3,823	3,358
87	85	16 450	668,633	2 374,191	3,551	3,086
88	86	13 190	516,750	1 705,558	3,301	2,836
89	87	10 249	387,042	1 188,808	3,072	2,607
90	88	7 702	280,328	801,766	2,860	2,396
91	89	5 584	195,884	521,437	2,662	2,198
92	90	3 893	131,632	325,553	2,473	2,009
93	91	2 571	83,786	193,921	2,314	1,850
94	92	1 619	50,857	110,136	2,166	1,701
95	93	960	29,074	59,279	2,039	1,574
96	94	539	15,736	30,205	1,920	1,455
97	95	281	7,912	14,470	1,829	1,364
98	96	139	3,780	6,558	1,735	1,270
99	97	64	1,664	2,777	1,669	1,205
100	98	27	0,693	1,114	1,608	1,144

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3	0	99 601	89 186,267	2 262 221,771	25,365	24,901
4	1	99 291	85 694,983	2 173 035,505	25,358	24,893
5	2	99 255	82 568,297	2 087 340,522	25,280	24,816
6	3	99 233	79 566,021	2 004 772,225	25,196	24,732
7	4	99 214	76 675,261	1 925 206,204	25,109	24,644
8	5	99 196	73 890,429	1 848 530,943	25,017	24,553
9	6	99 178	71 207,256	1 774 640,514	24,922	24,458
10	7	99 162	68 621,938	1 703 433,258	24,823	24,359
11	8	99 149	66 133,314	1 634 811,320	24,720	24,256
12	9	99 135	63 733,578	1 568 678,006	24,613	24,149
13	10	99 122	61 421,968	1 504 944,429	24,502	24,037
14	11	99 106	59 192,758	1 443 522,460	24,387	23,922
15	12	99 085	57 041,109	1 384 329,703	24,269	23,805
16	13	99 062	54 966,277	1 327 288,593	24,147	23,683
17	14	99 028	52 961,442	1 272 322,317	24,024	23,559
18	15	98 992	51 028,443	1 219 360,874	23,896	23,431
19	16	98 942	49 159,213	1 168 332,432	23,766	23,302
20	17	98 888	47 356,558	1 119 173,219	23,633	23,168
21	18	98 832	45 618,951	1 071 816,661	23,495	23,031
22	19	98 772	43 943,595	1 026 197,710	23,353	22,888
23	20	98 710	42 328,657	982 254,115	23,205	22,741
24	21	98 651	40 774,457	939 925,458	23,052	22,587
25	22	98 588	39 275,542	899 151,000	22,893	22,429
26	23	98 529	37 833,206	859 875,458	22,728	22,264
27	24	98 466	36 442,448	822 042,253	22,557	22,093
28	25	98 403	35 102,712	785 599,804	22,380	21,916
29	26	98 336	33 811,102	750 497,093	22,197	21,732
30	27	98 267	32 565,884	716 685,991	22,007	21,543
31	28	98 190	31 364,431	684 120,107	21,812	21,348
32	29	98 107	30 205,040	652 755,676	21,611	21,146
33	30	98 019	29 087,305	622 550,636	21,403	20,938
34	31	97 916	28 006,558	593 463,331	21,190	20,726
35	32	97 810	26 965,030	565 456,773	20,970	20,506
36	33	97 698	25 960,642	538 491,743	20,743	20,278
37	34	97 579	24 991,791	512 531,101	20,508	20,044
38	35	97 444	24 055,100	487 539,310	20,268	19,803
39	36	97 300	23 151,339	463 484,210	20,020	19,555
40	37	97 147	22 279,466	440 332,871	19,764	19,300
41	38	96 981	21 437,424	418 053,405	19,501	19,037
42	39	96 793	20 622,570	396 615,981	19,232	18,768
43	40	96 595	19 836,605	375 993,412	18,955	18,490
44	41	96 380	19 077,090	356 156,806	18,669	18,205
45	42	96 136	18 340,909	337 079,716	18,379	17,914
46	43	95 871	17 629,354	318 738,807	18,080	17,616
47	44	95 576	16 939,724	301 109,452	17,775	17,311
48	45	95 257	16 272,973	284 169,729	17,463	16,998
49	46	94 894	15 625,118	267 896,756	17,145	16,681
50	47	94 497	14 997,324	252 271,638	16,821	16,357
51	48	94 054	14 387,458	237 274,314	16,492	16,027
52	49	93 556	13 794,069	222 886,856	16,158	15,694
53	50	93 006	13 217,290	209 092,787	15,820	15,355
54	51	92 398	12 656,216	195 875,497	15,477	15,012
55	52	91 710	12 107,911	183 219,281	15,132	14,668
56	53	90 955	11 574,209	171 111,370	14,784	14,319
57	54	90 124	11 053,920	159 537,161	14,433	13,968
58	55	89 204	10 545,708	148 483,241	14,080	13,616
59	56	88 190	10 048,912	137 937,533	13,727	13,262
60	57	87 089	9 564,800	127 888,621	13,371	12,906
61	58	85 894	9 092,628	118 323,821	13,013	12,549
62	59	84 595	8 631,435	109 231,193	12,655	12,191
63	60	83 192	8 181,424	100 599,758	12,296	11,832
64	61	81 679	7 742,303	92 418,335	11,937	11,472
65	62	80 057	7 314,276	84 676,032	11,577	11,112
66	63	78 339	6 898,607	77 361,756	11,214	10,750
67	64	76 518	6 494,712	70 463,148	10,849	10,385
68	65	74 579	6 101,371	63 968,436	10,484	10,020
69	66	72 566	5 722,071	57 867,065	10,113	9,649
70	67	70 412	5 351,575	52 144,994	9,744	9,279
71	68	68 189	4 995,284	46 793,419	9,368	8,903
72	69	65 813	4 646,951	41 798,136	8,995	8,530
73	70	63 349	4 311,314	37 151,184	8,617	8,153
74	71	60 753	3 985,180	32 839,870	8,240	7,776
75	72	58 058	3 670,740	28 854,690	7,861	7,396
76	73	55 275	3 368,458	25 183,950	7,476	7,012
77	74	52 346	3 074,700	21 815,492	7,095	6,631
78	75	49 320	2 792,234	18 740,792	6,712	6,247
79	76	46 172	2 519,533	15 948,558	6,330	5,866
80	77	42 896	2 256,178	13 429,025	5,952	5,488
81	78	39 513	2 003,102	11 172,847	5,578	5,113
82	79	35 949	1 756,535	9 169,745	5,220	4,756
83	80	32 289	1 520,715	7 413,209	4,875	4,410
84	81	28 578	1 297,254	5 892,494	4,542	4,078
85	82	24 841	1 086,890	4 595,240	4,228	3,763
86	83	21 143	891,627	3 508,349	3,935	3,470
87	84	17 596	715,240	2 616,722	3,659	3,194
88	85	14 276	559,329	1 901,482	3,400	2,935
89	86	11 228	424,007	1 342,153	3,165	2,701
90	87	8 557	311,457	918,145	2,948	2,483
91	88	6 304	221,138	606,688	2,743	2,279
92	89	4 472	151,217	385,550	2,550	2,085
93	90	3 015	98,279	234,333	2,384	1,920
94	91	1 945	61,099	136,053	2,227	1,762
95	92	1 182	35,783	74,954	2,095	1,630
96	93	682	19,893	39,171	1,969	1,505
97	94	365	10,277	19,278	1,876	1,411
98	95	187	5,059	9,001	1,779	1,315
99	96	89	2,329	3,942	1,693	1,228
100	97	39	0,988	1,613	1,632	1,168

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4	0	99 590	85 953,302	2 175 409,117	25,309	24,845
5	1	99 280	82 588,774	2 089 455,815	25,300	24,835
6	2	99 245	79 575,906	2 006 867,041	25,220	24,755
7	3	99 224	76 683,169	1 927 291,134	25,133	24,669
8	4	99 205	73 897,500	1 850 607,965	25,043	24,578
9	5	99 187	71 213,600	1 776 710,466	24,949	24,485
10	6	99 170	68 628,009	1 705 496,866	24,851	24,387
11	7	99 154	66 136,386	1 636 868,857	24,750	24,285
12	8	99 142	63 738,019	1 570 732,471	24,644	24,179
13	9	99 128	61 425,726	1 506 994,452	24,534	24,069
14	10	99 112	59 196,220	1 445 568,726	24,420	23,956
15	11	99 093	57 045,520	1 386 372,506	24,303	23,838
16	12	99 070	54 970,593	1 329 326,985	24,183	23,718
17	13	99 037	52 966,433	1 274 356,392	24,060	23,595
18	14	99 001	51 033,148	1 221 389,959	23,933	23,469
19	15	98 954	49 165,195	1 170 356,811	23,805	23,340
20	16	98 902	47 363,532	1 121 191,616	23,672	23,208
21	17	98 845	45 625,164	1 073 828,084	23,536	23,071
22	18	98 791	43 952,254	1 028 202,921	23,394	22,929
23	19	98 727	42 336,057	984 250,667	23,249	22,784
24	20	98 670	40 781,997	941 914,609	23,096	22,632
25	21	98 604	39 282,019	901 132,612	22,940	22,476
26	22	98 545	37 839,366	861 850,593	22,777	22,312
27	23	98 484	36 449,008	824 011,226	22,607	22,143
28	24	98 421	35 109,029	787 562,219	22,432	21,967
29	25	98 355	33 817,535	752 453,190	22,250	21,786
30	26	98 285	32 572,014	718 635,655	22,063	21,599
31	27	98 211	31 371,182	686 063,641	21,869	21,405
32	28	98 130	30 212,159	654 692,459	21,670	21,205
33	29	98 045	29 094,833	624 480,300	21,464	20,999
34	30	97 947	28 015,443	595 385,467	21,252	20,788
35	31	97 841	26 973,500	567 370,024	21,034	20,570
36	32	97 732	25 969,540	540 396,524	20,809	20,344
37	33	97 614	25 000,799	514 426,984	20,576	20,112
38	34	97 484	24 064,871	489 426,185	20,338	19,873
39	35	97 340	23 160,884	465 361,314	20,093	19,628
40	36	97 191	22 289,686	442 200,430	19,839	19,374
41	37	97 027	21 447,604	419 910,745	19,578	19,114
42	38	96 851	20 635,018	398 463,140	19,310	18,846
43	39	96 653	19 848,537	377 828,123	19,036	18,571
44	40	96 447	19 090,180	357 979,585	18,752	18,288
45	41	96 207	18 354,496	338 889,405	18,464	17,999
46	42	95 948	17 643,359	320 534,909	18,167	17,703
47	43	95 663	16 955,120	302 891,550	17,864	17,400
48	44	95 349	16 288,783	285 936,430	17,554	17,090
49	45	95 004	15 643,142	269 647,647	17,237	16,773
50	46	94 612	15 015,606	254 004,505	16,916	16,452
51	47	94 183	14 407,200	238 988,899	16,588	16,124
52	48	93 706	13 816,092	224 581,699	16,255	15,791
53	49	93 169	13 240,435	210 765,606	15,918	15,454
54	50	92 569	12 679,714	197 525,171	15,578	15,114
55	51	91 907	12 133,910	184 845,457	15,234	14,769
56	52	91 167	11 601,274	172 711,547	14,887	14,423
57	53	90 356	11 082,376	161 110,273	14,538	14,073
58	54	89 463	10 576,260	150 027,897	14,185	13,721
59	55	88 477	10 081,631	139 451,637	13,832	13,368
60	56	87 401	9 599,136	129 370,006	13,477	13,013
61	57	86 233	9 128,449	119 770,870	13,121	12,656
62	58	84 965	8 669,140	110 642,420	12,763	12,298
63	59	83 585	8 220,110	101 973,280	12,405	11,941
64	60	82 112	7 783,368	93 753,170	12,045	11,581
65	61	80 515	7 356,102	85 969,802	11,687	11,222
66	62	78 822	6 941,188	78 613,700	11,326	10,861
67	63	77 038	6 538,842	71 672,513	10,961	10,497
68	64	75 141	6 147,308	65 133,670	10,595	10,131
69	65	73 149	5 768,045	58 986,362	10,226	9,762
70	66	71 035	5 398,880	53 218,318	9,857	9,393
71	67	68 842	5 043,104	47 819,437	9,482	9,018
72	68	66 509	4 696,099	42 776,334	9,109	8,644
73	69	64 090	4 361,712	38 080,234	8,731	8,266
74	70	61 528	4 036,029	33 718,523	8,354	7,890
75	71	58 864	3 721,735	29 682,494	7,975	7,511
76	72	56 106	3 419,107	25 960,759	7,593	7,128
77	73	53 220	3 126,017	22 541,652	7,211	6,747
78	74	50 216	2 842,962	19 415,635	6,829	6,365
79	75	47 078	2 568,938	16 572,673	6,451	5,987
80	76	43 842	2 305,907	14 003,736	6,073	5,609
81	77	40 476	2 051,931	11 697,829	5,701	5,236
82	78	36 963	1 806,110	9 645,898	5,341	4,876
83	79	33 337	1 570,037	7 839,788	4,993	4,529
84	80	29 659	1 346,344	6 269,751	4,657	4,192
85	81	25 949	1 135,340	4 923,407	4,337	3,872
86	82	22 241	937,942	3 788,067	4,039	3,574
87	83	18 654	758,241	2 850,126	3,759	3,294
88	84	15 272	598,317	2 091,884	3,496	3,032
89	85	12 154	458,944	1 493,567	3,254	2,790
90	86	9 374	341,203	1 034,623	3,032	2,568
91	87	7 003	245,695	693,419	2,822	2,358
92	88	5 049	170,713	447,725	2,623	2,158
93	89	3 464	112,902	277,012	2,454	1,989
94	90	2 281	71,669	164,110	2,290	1,825
95	91	1 420	42,990	92,441	2,150	1,686
96	92	839	24,483	49,451	2,020	1,555
97	93	462	12,993	24,968	1,922	1,457
98	94	242	6,572	11,976	1,822	1,358
99	95	119	3,117	5,404	1,734	1,269
100	96	55	1,383	2,287	1,654	1,189

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5	0	99 579	82 837,730	2 091 649,342	25,250	24,786
6	1	99 270	79 595,641	2 008 811,612	25,238	24,773
7	2	99 236	76 692,696	1 929 215,970	25,155	24,691
8	3	99 215	73 905,122	1 852 523,274	25,066	24,602
9	4	99 197	71 220,415	1 778 618,153	24,973	24,509
10	5	99 179	68 634,122	1 707 397,738	24,877	24,412
11	6	99 163	66 142,237	1 638 763,615	24,776	24,312
12	7	99 146	63 740,981	1 572 621,379	24,672	24,208
13	8	99 135	61 430,006	1 508 880,398	24,563	24,098
14	9	99 118	59 199,842	1 447 450,392	24,450	23,986
15	10	99 099	57 048,857	1 388 250,550	24,334	23,870
16	11	99 077	54 974,844	1 331 201,692	24,215	23,750
17	12	99 045	52 970,592	1 276 226,848	24,093	23,629
18	13	99 010	51 037,957	1 223 256,256	23,968	23,503
19	14	98 963	49 169,729	1 172 218,299	23,840	23,376
20	15	98 914	47 369,295	1 123 048,571	23,708	23,244
21	16	98 860	45 631,883	1 075 679,276	23,573	23,109
22	17	98 805	43 958,240	1 030 047,393	23,432	22,968
23	18	98 747	42 344,400	986 089,153	23,287	22,823
24	19	98 687	40 789,127	943 744,753	23,137	22,673
25	20	98 623	39 289,283	902 955,627	22,982	22,518
26	21	98 561	37 845,607	863 666,343	22,821	22,356
27	22	98 500	36 454,943	825 820,737	22,653	22,189
28	23	98 438	35 115,349	789 365,794	22,479	22,015
29	24	98 373	33 823,621	754 250,445	22,300	21,835
30	25	98 304	32 578,211	720 426,824	22,114	21,649
31	26	98 230	31 377,087	687 848,613	21,922	21,458
32	27	98 151	30 218,662	656 471,526	21,724	21,260
33	28	98 068	29 101,691	626 252,865	21,519	21,055
34	29	97 973	28 022,694	597 151,174	21,310	20,845
35	30	97 872	26 982,057	569 128,480	21,093	20,628
36	31	97 763	25 977,697	542 146,423	20,870	20,405
37	32	97 648	25 009,368	516 168,726	20,639	20,175
38	33	97 519	24 073,545	491 159,358	20,402	19,938
39	34	97 380	23 170,291	467 085,813	20,159	19,694
40	35	97 232	22 298,876	443 915,522	19,908	19,443
41	36	97 071	21 457,443	421 616,646	19,649	19,185
42	37	96 897	20 644,817	400 159,203	19,383	18,919
43	38	96 712	19 860,518	379 514,386	19,109	18,645
44	39	96 505	19 101,663	359 653,868	18,828	18,364
45	40	96 273	18 367,090	340 552,205	18,541	18,077
46	41	96 019	17 656,429	322 185,114	18,247	17,783
47	42	95 739	16 968,589	304 528,685	17,947	17,482
48	43	95 436	16 303,587	287 560,096	17,638	17,173
49	44	95 096	15 658,340	271 256,509	17,323	16,859
50	45	94 722	15 032,928	255 598,169	17,003	16,538
51	46	94 298	14 424,763	240 565,241	16,677	16,213
52	47	93 834	13 835,051	226 140,479	16,345	15,881
53	48	93 318	13 261,575	212 305,428	16,009	15,545
54	49	92 731	12 701,918	199 043,853	15,670	15,206
55	50	92 077	12 156,439	186 341,936	15,329	14,864
56	51	91 363	11 626,186	174 185,497	14,982	14,518
57	52	90 567	11 108,291	162 559,312	14,634	14,170
58	53	89 693	10 603,486	151 451,020	14,283	13,819
59	54	88 733	10 110,838	140 847,534	13,930	13,466
60	55	87 686	9 630,391	130 736,696	13,575	13,111
61	56	86 542	9 161,219	121 106,305	13,219	12,755
62	57	85 299	8 703,293	111 945,086	12,862	12,398
63	58	83 950	8 256,019	103 241,793	12,505	12,041
64	59	82 500	7 820,172	94 985,774	12,146	11,682
65	60	80 942	7 395,119	87 165,602	11,787	11,322
66	61	79 273	6 980,880	79 770,483	11,427	10,963
67	62	77 513	6 579,202	72 789,603	11,064	10,599
68	63	75 651	6 189,077	66 210,401	10,698	10,234
69	64	73 700	5 811,472	60 021,324	10,328	9,864
70	65	71 606	5 442,258	54 209,852	9,961	9,496
71	66	69 451	5 087,682	48 767,594	9,585	9,121
72	67	67 146	4 741,055	43 679,912	9,213	8,749
73	68	64 768	4 407,843	38 938,857	8,834	8,370
74	69	62 247	4 083,209	34 531,014	8,457	7,992
75	70	59 616	3 769,222	30 447,805	8,078	7,614
76	71	56 885	3 466,606	26 678,583	7,696	7,231
77	72	54 020	3 173,021	23 211,977	7,315	6,851
78	73	51 054	2 890,411	20 038,956	6,933	6,468
79	74	47 933	2 615,608	17 148,545	6,556	6,092
80	75	44 702	2 351,123	14 532,937	6,181	5,717
81	76	41 368	2 097,158	12 181,815	5,809	5,344
82	77	37 864	1 850,136	10 084,657	5,451	4,986
83	78	34 278	1 614,348	8 234,520	5,101	4,636
84	79	30 621	1 390,010	6 620,172	4,763	4,298
85	80	26 931	1 178,302	5 230,162	4,439	3,974
86	81	23 232	979,751	4 051,860	4,136	3,671
87	82	19 623	797,627	3 072,108	3,852	3,387
88	83	16 190	634,289	2 274,481	3,586	3,121
89	84	13 001	490,935	1 640,192	3,341	2,877
90	85	10 147	369,318	1 149,257	3,112	2,647
91	86	7 672	269,160	779,939	2,898	2,433
92	87	5 609	189,669	510,780	2,693	2,229
93	88	3 911	127,458	321,110	2,519	2,055
94	89	2 621	82,332	193,652	2,352	1,888
95	90	1 665	50,426	111,319	2,208	1,743
96	91	1 008	29,414	60,893	2,070	1,606
97	92	568	15,991	31,479	1,969	1,504
98	93	306	8,308	15,488	1,864	1,400
99	94	155	4,048	7,180	1,774	1,309
100	95	73	1,851	3,132	1,692	1,228

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	79 835,574	2 010 837,690	25,187	24,723
7	1	99 261	76 711,716	1 931 002,115	25,172	24,708
8	2	99 228	73 914,304	1 854 290,399	25,087	24,623
9	3	99 207	71 227,760	1 780 376,096	24,996	24,531
10	4	99 189	68 640,690	1 709 148,335	24,900	24,436
11	5	99 171	66 148,129	1 640 507,645	24,801	24,336
12	6	99 155	63 746,620	1 574 359,515	24,697	24,233
13	7	99 139	61 432,860	1 510 612,896	24,590	24,125
14	8	99 125	59 203,967	1 449 180,036	24,478	24,013
15	9	99 105	57 052,347	1 389 976,068	24,363	23,899
16	10	99 083	54 978,060	1 332 923,721	24,245	23,780
17	11	99 053	52 974,689	1 277 945,661	24,124	23,659
18	12	99 018	51 041,965	1 224 970,972	23,999	23,535
19	13	98 972	49 174,362	1 173 929,007	23,873	23,408
20	14	98 923	47 373,663	1 124 754,646	23,742	23,278
21	15	98 872	45 637,435	1 077 380,983	23,607	23,143
22	16	98 819	43 964,713	1 031 743,547	23,468	23,003
23	17	98 760	42 350,166	987 778,834	23,324	22,860
24	18	98 706	40 797,164	945 428,667	23,174	22,709
25	19	98 640	39 296,152	904 631,503	23,021	22,556
26	20	98 579	37 852,605	865 335,351	22,861	22,396
27	21	98 516	36 460,955	827 482,746	22,695	22,231
28	22	98 454	35 121,067	791 021,791	22,523	22,058
29	23	98 391	33 829,709	755 900,724	22,344	21,880
30	24	98 322	32 584,074	722 071,015	22,160	21,696
31	25	98 249	31 383,057	689 486,942	21,970	21,506
32	26	98 169	30 224,350	658 103,885	21,774	21,310
33	27	98 089	29 107,955	627 879,535	21,571	21,106
34	28	97 996	28 029,299	598 771,580	21,362	20,898
35	29	97 897	26 989,041	570 742,281	21,147	20,683
36	30	97 794	25 985,938	543 753,241	20,925	20,460
37	31	97 679	25 017,224	517 767,303	20,696	20,232
38	32	97 552	24 081,796	492 750,079	20,462	19,997
39	33	97 415	23 178,643	468 668,283	20,220	19,755
40	34	97 271	22 307,933	445 489,640	19,970	19,506
41	35	97 111	21 466,290	423 181,707	19,714	19,249
42	36	96 942	20 654,287	401 715,418	19,449	18,985
43	37	96 758	19 869,950	381 061,131	19,178	18,713
44	38	96 563	19 113,193	361 191,181	18,897	18,433
45	39	96 331	18 378,138	342 077,988	18,613	18,149
46	40	96 085	17 668,544	323 699,849	18,321	17,856
47	41	95 809	16 981,160	306 031,305	18,022	17,557
48	42	95 512	16 316,539	289 050,145	17,715	17,251
49	43	95 183	15 672,572	272 733,607	17,402	16,938
50	44	94 814	15 047,532	257 061,035	17,083	16,619
51	45	94 407	14 441,402	242 013,503	16,758	16,294
52	46	93 949	13 851,915	227 572,100	16,429	15,965
53	47	93 446	13 279,772	213 720,185	16,094	15,629
54	48	92 879	12 722,197	200 440,413	15,755	15,291
55	49	92 238	12 177,726	187 718,215	15,415	14,950
56	50	91 533	11 647,771	175 540,489	15,071	14,606
57	51	90 761	11 132,144	163 892,718	14,722	14,258
58	52	89 903	10 628,281	152 760,574	14,373	13,909
59	53	88 961	10 136,867	142 132,292	14,021	13,557
60	54	87 940	9 658,291	131 995,426	13,667	13,202
61	55	86 824	9 191,048	122 337,135	13,310	12,846
62	56	85 606	8 734,536	113 146,087	12,954	12,489
63	57	84 281	8 288,545	104 411,551	12,597	12,133
64	58	82 861	7 854,334	96 123,007	12,238	11,774
65	59	81 324	7 430,087	88 268,673	11,880	11,415
66	60	79 693	7 017,906	80 838,586	11,519	11,054
67	61	77 957	6 616,825	73 820,679	11,157	10,692
68	62	76 118	6 227,278	67 203,855	10,792	10,327
69	63	74 200	5 850,959	60 976,576	10,422	9,957
70	64	72 145	5 483,232	55 125,617	10,053	9,589
71	65	70 009	5 128,559	49 642,385	9,680	9,215
72	66	67 739	4 782,964	44 513,826	9,307	8,842
73	67	65 388	4 450,039	39 730,862	8,928	8,464
74	68	62 906	4 126,394	35 280,823	8,550	8,086
75	69	60 312	3 813,283	31 154,429	8,170	7,706
76	70	57 611	3 510,838	27 341,145	7,788	7,323
77	71	54 771	3 217,101	23 830,307	7,407	6,943
78	72	51 822	2 933,872	20 613,206	7,026	6,562
79	73	48 733	2 659,263	17 679,334	6,648	6,184
80	74	45 514	2 393,836	15 020,071	6,274	5,810
81	75	42 179	2 138,280	12 626,235	5,905	5,440
82	76	38 699	1 890,916	10 487,955	5,546	5,082
83	77	35 113	1 653,700	8 597,039	5,199	4,734
84	78	31 485	1 429,240	6 943,339	4,858	4,394
85	79	27 804	1 216,519	5 514,099	4,533	4,068
86	80	24 111	1 016,826	4 297,580	4,226	3,762
87	81	20 498	833,182	3 280,754	3,938	3,473
88	82	17 031	667,236	2 447,571	3,668	3,204
89	83	13 782	520,451	1 780,335	3,421	2,956
90	84	10 854	395,061	1 259,884	3,189	2,725
91	85	8 305	291,338	864,823	2,968	2,504
92	86	6 145	207,784	573,486	2,760	2,296
93	87	4 345	141,612	365,702	2,582	2,118
94	88	2 959	92,947	224,090	2,411	1,947
95	89	1 913	57,929	131,143	2,264	1,799
96	90	1 182	34,502	73,214	2,122	1,658
97	91	683	19,211	38,711	2,015	1,551
98	92	377	10,225	19,500	1,907	1,443
99	93	196	5,118	9,275	1,812	1,348
100	94	95	2,405	4,157	1,729	1,264

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 560	76 942,956	1 932 872,898	25,121	24,656
8	1	99 252	73 932,634	1 855 929,942	25,103	24,639
9	2	99 219	71 236,610	1 781 997,308	25,015	24,551
10	3	99 199	68 647,770	1 710 760,698	24,921	24,456
11	4	99 181	66 154,459	1 642 112,928	24,822	24,358
12	5	99 164	63 752,299	1 575 958,469	24,720	24,256
13	6	99 148	61 438,295	1 512 206,170	24,613	24,149
14	7	99 130	59 206,718	1 450 767,875	24,503	24,039
15	8	99 112	57 056,323	1 391 561,157	24,389	23,925
16	9	99 089	54 981,423	1 334 504,833	24,272	23,807
17	10	99 058	52 977,787	1 279 523,410	24,152	23,688
18	11	99 025	51 045,912	1 226 545,623	24,028	23,564
19	12	98 980	49 178,223	1 175 499,711	23,903	23,438
20	13	98 933	47 378,127	1 126 321,487	23,773	23,309
21	14	98 881	45 641,644	1 078 943,361	23,639	23,175
22	15	98 832	43 970,063	1 033 301,717	23,500	23,036
23	16	98 775	42 356,403	989 331,654	23,357	22,893
24	17	98 720	40 802,720	946 975,251	23,209	22,744
25	18	98 659	39 303,895	906 172,530	23,056	22,591
26	19	98 597	37 859,222	866 868,635	22,897	22,433
27	20	98 534	36 467,697	829 009,413	22,733	22,268
28	21	98 471	35 126,859	792 541,715	22,562	22,098
29	22	98 407	33 835,218	757 414,856	22,385	21,921
30	23	98 339	32 589,939	723 579,639	22,203	21,738
31	24	98 266	31 388,705	690 989,700	22,014	21,550
32	25	98 188	30 230,100	659 600,995	21,819	21,355
33	26	98 107	29 113,434	629 370,895	21,618	21,153
34	27	98 017	28 035,332	600 257,461	21,411	20,946
35	28	97 920	26 995,402	572 222,129	21,197	20,733
36	29	97 819	25 992,664	545 226,727	20,976	20,512
37	30	97 709	25 025,160	519 234,063	20,748	20,284
38	31	97 583	24 089,360	494 208,903	20,516	20,051
39	32	97 448	23 186,588	470 119,543	20,275	19,811
40	33	97 306	22 315,974	446 932,956	20,027	19,563
41	34	97 151	21 475,008	424 616,982	19,773	19,308
42	35	96 982	20 662,803	403 141,974	19,511	19,046
43	36	96 802	19 879,064	382 479,171	19,240	18,776
44	37	96 609	19 122,270	362 600,107	18,962	18,498
45	38	96 389	18 389,232	343 477,837	18,678	18,214
46	39	96 142	17 679,172	325 088,605	18,388	17,924
47	40	95 875	16 992,811	307 409,433	18,091	17,626
48	41	95 583	16 328,626	290 416,621	17,786	17,321
49	42	95 258	15 685,022	274 087,995	17,475	17,010
50	43	94 900	15 061,209	258 402,973	17,157	16,692
51	44	94 498	14 455,433	243 341,764	16,834	16,370
52	45	94 057	13 867,895	228 886,332	16,505	16,040
53	46	93 560	13 295,960	215 018,437	16,172	15,707
54	47	93 007	12 739,655	201 722,477	15,834	15,370
55	48	92 386	12 197,169	188 982,823	15,494	15,030
56	49	91 693	11 668,168	176 785,654	15,151	14,687
57	50	90 930	11 152,813	165 117,486	14,805	14,341
58	51	90 096	10 651,103	153 964,673	14,455	13,991
59	52	89 169	10 160,571	143 313,570	14,105	13,640
60	53	88 166	9 683,154	133 152,999	13,751	13,287
61	54	87 075	9 217,675	123 469,845	13,395	12,930
62	55	85 884	8 762,976	114 252,170	13,038	12,574
63	56	84 583	8 318,299	105 489,194	12,682	12,217
64	57	83 187	7 885,277	97 170,895	12,323	11,859
65	58	81 680	7 462,545	89 285,619	11,964	11,500
66	59	80 070	7 051,091	81 823,074	11,604	11,140
67	60	78 370	6 651,920	74 771,983	11,241	10,776
68	61	76 554	6 262,888	68 120,063	10,877	10,412
69	62	74 658	5 887,073	61 857,174	10,507	10,043
70	63	72 635	5 520,489	55 970,101	10,139	9,674
71	64	70 536	5 167,172	50 449,612	9,763	9,299
72	65	68 284	4 821,392	45 282,440	9,392	8,928
73	66	65 966	4 489,376	40 461,048	9,013	8,548
74	67	63 508	4 165,896	35 971,672	8,635	8,170
75	68	60 950	3 853,614	31 805,776	8,253	7,789
76	69	58 285	3 551,879	27 952,162	7,870	7,405
77	70	55 470	3 258,150	24 400,283	7,489	7,025
78	71	52 542	2 974,630	21 142,134	7,107	6,643
79	72	49 466	2 699,249	18 167,504	6,731	6,266
80	73	46 273	2 433,790	15 468,255	6,356	5,891
81	74	42 946	2 177,127	13 034,465	5,987	5,523
82	75	39 458	1 927,994	10 857,339	5,631	5,167
83	76	35 887	1 690,150	8 929,345	5,283	4,819
84	77	32 253	1 464,080	7 239,195	4,945	4,480
85	78	28 589	1 250,852	5 775,115	4,617	4,153
86	79	24 893	1 049,805	4 524,263	4,310	3,845
87	80	21 273	864,711	3 474,457	4,018	3,554
88	81	17 790	696,979	2 609,746	3,744	3,280
89	82	14 498	547,485	1 912,767	3,494	3,029
90	83	11 507	418,812	1 365,282	3,260	2,795
91	84	8 883	311,646	946,470	3,037	2,573
92	85	6 651	224,905	634,824	2,823	2,358
93	86	4 760	155,137	409,919	2,642	2,178
94	87	3 287	103,268	254,783	2,467	2,003
95	88	2 160	65,398	151,515	2,317	1,852
96	89	1 358	39,636	86,117	2,173	1,708
97	90	801	22,535	46,481	2,063	1,598
98	91	453	12,284	23,946	1,949	1,485
99	92	241	6,299	11,662	1,851	1,387
100	93	121	3,040	5,363	1,764	1,300

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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4						
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7						
8	0	99 552	74 155,497	1 857 657,017	25,051	24,586
9	1	99 244	71 254,277	1 783 501,520	25,030	24,566
10	2	99 211	68 656,299	1 712 247,243	24,939	24,475
11	3	99 191	66 161,283	1 643 590,944	24,842	24,378
12	4	99 173	63 758,399	1 577 429,662	24,741	24,276
13	5	99 157	61 443,769	1 513 671,262	24,635	24,171
14	6	99 139	59 211,956	1 452 227,494	24,526	24,061
15	7	99 116	57 058,974	1 393 015,538	24,414	23,949
16	8	99 096	54 985,255	1 335 956,564	24,297	23,832
17	9	99 065	52 981,028	1 280 971,309	24,178	23,714
18	10	99 031	51 048,898	1 227 990,280	24,055	23,591
19	11	98 988	49 182,026	1 176 941,382	23,930	23,466
20	12	98 940	47 381,847	1 127 759,356	23,802	23,337
21	13	98 890	45 645,944	1 080 377,509	23,669	23,204
22	14	98 841	43 974,118	1 034 731,564	23,530	23,066
23	15	98 787	42 361,557	990 757,447	23,388	22,924
24	16	98 734	40 808,729	948 395,889	23,240	22,776
25	17	98 673	39 309,248	907 587,160	23,088	22,624
26	18	98 616	37 866,683	868 277,912	22,930	22,465
27	19	98 551	36 474,073	830 411,230	22,767	22,303
28	20	98 489	35 133,355	793 937,157	22,598	22,133
29	21	98 423	33 840,798	758 803,802	22,423	21,958
30	22	98 355	32 595,246	724 963,005	22,241	21,777
31	23	98 284	31 394,355	692 367,759	22,054	21,589
32	24	98 206	30 235,541	660 973,404	21,861	21,396
33	25	98 126	29 118,973	630 737,864	21,661	21,196
34	26	98 035	28 040,609	601 618,891	21,455	20,991
35	27	97 942	27 001,212	573 578,282	21,243	20,778
36	28	97 842	25 998,790	546 577,070	21,023	20,559
37	29	97 735	25 031,637	520 578,280	20,797	20,332
38	30	97 614	24 097,002	495 546,642	20,565	20,100
39	31	97 479	23 193,870	471 449,640	20,326	19,862
40	32	97 339	22 323,623	448 255,770	20,080	19,615
41	33	97 186	21 482,749	425 932,147	19,827	19,362
42	34	97 021	20 671,195	404 449,398	19,566	19,101
43	35	96 842	19 887,260	383 778,203	19,298	18,833
44	36	96 653	19 131,042	363 890,942	19,021	18,557
45	37	96 435	18 397,965	344 759,901	18,739	18,275
46	38	96 200	17 689,844	326 361,936	18,449	17,985
47	39	95 933	17 003,033	308 672,093	18,154	17,690
48	40	95 648	16 339,830	291 669,060	17,850	17,386
49	41	95 329	15 696,641	275 329,230	17,541	17,076
50	42	94 975	15 073,173	259 632,588	17,225	16,760
51	43	94 584	14 468,571	244 559,415	16,903	16,438
52	44	94 149	13 881,367	230 090,844	16,576	16,111
53	45	93 668	13 311,298	216 209,476	16,243	15,778
54	46	93 120	12 755,184	202 898,179	15,907	15,443
55	47	92 512	12 213,906	190 142,994	15,568	15,103
56	48	91 839	11 686,797	177 929,089	15,225	14,760
57	49	91 089	11 172,343	166 242,291	14,880	14,415
58	50	90 263	10 670,879	155 069,948	14,532	14,068
59	51	89 361	10 182,389	144 399,070	14,181	13,717
60	52	88 373	9 705,797	134 216,681	13,829	13,364
61	53	87 300	9 241,404	124 510,884	13,473	13,009
62	54	86 133	8 788,363	115 269,480	13,116	12,652
63	55	84 859	8 345,383	106 481,117	12,759	12,295
64	56	83 486	7 913,583	98 135,734	12,401	11,936
65	57	82 001	7 491,944	90 222,151	12,043	11,578
66	58	80 420	7 081,893	82 730,207	11,682	11,218
67	59	78 741	6 683,374	75 648,313	11,319	10,854
68	60	76 960	6 296,106	68 964,939	10,954	10,489
69	61	75 085	5 920,738	62 668,833	10,585	10,120
70	62	73 083	5 554,563	56 748,095	10,216	9,752
71	63	71 015	5 202,282	51 193,532	9,841	9,376
72	64	68 798	4 857,692	45 991,250	9,468	9,003
73	65	66 496	4 525,445	41 133,558	9,089	8,625
74	66	64 069	4 202,721	36 608,112	8,711	8,246
75	67	61 534	3 890,505	32 405,391	8,329	7,865
76	68	58 901	3 589,445	28 514,887	7,944	7,480
77	69	56 118	3 296,236	24 925,442	7,562	7,097
78	70	53 212	3 012,585	21 629,206	7,180	6,715
79	71	50 153	2 736,747	18 616,621	6,802	6,338
80	72	46 969	2 470,385	15 879,874	6,428	5,964
81	73	43 663	2 213,463	13 409,489	6,058	5,594
82	74	40 174	1 963,020	11 196,026	5,703	5,239
83	75	36 591	1 723,291	9 233,006	5,358	4,893
84	76	32 964	1 496,350	7 509,714	5,019	4,554
85	77	29 286	1 281,344	6 013,364	4,693	4,229
86	78	25 596	1 079,434	4 732,020	4,384	3,919
87	79	21 963	892,757	3 652,587	4,091	3,627
88	80	18 463	723,353	2 759,830	3,815	3,351
89	81	15 144	571,890	2 036,477	3,561	3,097
90	82	12 104	440,567	1 464,587	3,324	2,860
91	83	9 417	330,382	1 024,020	3,100	2,635
92	84	7 115	240,582	693,638	2,883	2,419
93	85	5 152	167,919	453,056	2,698	2,234
94	86	3 601	113,131	285,136	2,520	2,056
95	87	2 400	72,660	172,005	2,367	1,903
96	88	1 533	44,746	99,346	2,220	1,756
97	89	920	25,888	54,600	2,109	1,645
98	90	531	14,409	28,712	1,993	1,528
99	91	290	7,568	14,303	1,890	1,426
100	92	149	3,741	6,735	1,800	1,336

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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4						
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8						
9	0	99 543	71 469,066	1 785 095,851	24,977	24,513
10	1	99 236	68 673,326	1 713 626,786	24,953	24,489
11	2	99 204	66 169,502	1 644 953,460	24,860	24,395
12	3	99 184	63 764,975	1 578 783,958	24,759	24,295
13	4	99 166	61 449,648	1 515 018,982	24,655	24,190
14	5	99 147	59 217,231	1 453 569,334	24,546	24,082
15	6	99 125	57 064,022	1 394 352,103	24,435	23,970
16	7	99 101	54 987,810	1 337 288,081	24,320	23,855
17	8	99 071	52 984,721	1 282 300,271	24,201	23,737
18	9	99 037	51 052,021	1 229 315,551	24,080	23,615
19	10	98 993	49 184,903	1 178 263,530	23,956	23,491
20	11	98 948	47 385,512	1 129 078,626	23,828	23,363
21	12	98 898	45 649,529	1 081 693,115	23,696	23,231
22	13	98 850	43 978,261	1 036 043,586	23,558	23,094
23	14	98 796	42 365,463	992 065,325	23,417	22,952
24	15	98 746	40 813,695	949 699,861	23,269	22,805
25	16	98 687	39 315,037	908 886,166	23,118	22,654
26	17	98 630	37 871,840	869 571,130	22,961	22,496
27	18	98 571	36 481,260	831 699,290	22,798	22,334
28	19	98 506	35 139,497	795 218,030	22,630	22,166
29	20	98 441	33 847,055	760 078,533	22,456	21,992
30	21	98 371	32 600,621	726 231,478	22,277	21,812
31	22	98 300	31 399,467	693 630,857	22,091	21,626
32	23	98 223	30 240,983	662 231,390	21,898	21,434
33	24	98 144	29 124,213	631 990,407	21,700	21,235
34	25	98 054	28 045,944	602 866,193	21,496	21,031
35	26	97 960	27 006,295	574 820,249	21,285	20,820
36	27	97 863	26 004,386	547 813,955	21,066	20,602
37	28	97 758	25 037,537	521 809,569	20,841	20,377
38	29	97 639	24 103,239	496 772,032	20,610	20,146
39	30	97 510	23 201,228	472 668,792	20,373	19,908
40	31	97 370	22 330,634	449 467,564	20,128	19,663
41	32	97 219	21 490,112	427 136,930	19,876	19,412
42	33	97 056	20 678,646	405 646,817	19,617	19,152
43	34	96 881	19 895,338	384 968,171	19,350	18,885
44	35	96 693	19 138,929	365 072,833	19,075	18,610
45	36	96 479	18 406,404	345 933,904	18,794	18,330
46	37	96 246	17 698,244	327 527,500	18,506	18,042
47	38	95 991	17 013,296	309 829,256	18,211	17,747
48	39	95 706	16 349,659	292 815,960	17,910	17,445
49	40	95 394	15 707,412	276 466,301	17,601	17,137
50	41	95 046	15 084,340	260 758,889	17,287	16,822
51	42	94 659	14 480,065	245 674,549	16,966	16,502
52	43	94 234	13 893,984	231 194,485	16,640	16,175
53	44	93 759	13 324,230	217 300,501	16,309	15,844
54	45	93 228	12 769,898	203 976,271	15,973	15,509
55	46	92 625	12 228,795	191 206,373	15,636	15,171
56	47	91 966	11 702,834	178 977,578	15,294	14,829
57	48	91 235	11 190,180	167 274,744	14,948	14,484
58	49	90 421	10 689,565	156 084,564	14,602	14,137
59	50	89 527	10 201,294	145 394,999	14,253	13,788
60	51	88 562	9 726,638	135 193,705	13,899	13,435
61	52	87 504	9 263,014	125 467,067	13,545	13,081
62	53	86 355	8 810,987	116 204,053	13,189	12,724
63	54	85 105	8 369,560	107 393,066	12,831	12,367
64	55	83 757	7 939,350	99 023,506	12,472	12,008
65	56	82 296	7 518,839	91 084,156	12,114	11,650
66	57	80 737	7 109,793	83 565,317	11,754	11,289
67	58	79 085	6 712,570	76 455,524	11,390	10,925
68	59	77 324	6 325,878	69 742,954	11,025	10,561
69	60	75 484	5 952,141	63 417,076	10,654	10,190
70	61	73 501	5 586,327	57 464,935	10,287	9,822
71	62	71 453	5 234,392	51 878,608	9,911	9,447
72	63	69 265	4 890,699	46 644,217	9,537	9,073
73	64	66 996	4 559,517	41 753,517	9,157	8,693
74	65	64 584	4 236,488	37 194,000	8,779	8,315
75	66	62 078	3 924,895	32 957,513	8,397	7,933
76	67	59 465	3 623,806	29 032,618	8,012	7,547
77	68	56 712	3 331,098	25 408,811	7,628	7,163
78	69	53 834	3 047,801	22 077,713	7,244	6,779
79	70	50 793	2 771,667	19 029,912	6,866	6,401
80	71	47 622	2 504,704	16 258,245	6,491	6,027
81	72	44 319	2 246,746	13 753,541	6,122	5,657
82	73	40 845	1 995,783	11 506,796	5,766	5,301
83	74	37 256	1 754,599	9 511,012	5,421	4,956
84	75	33 610	1 525,691	7 756,414	5,084	4,619
85	76	29 931	1 309,586	6 230,722	4,758	4,293
86	77	26 220	1 105,747	4 921,136	4,451	3,986
87	78	22 583	917,953	3 815,390	4,156	3,692
88	79	19 062	746,814	2 897,437	3,880	3,415
89	80	15 718	593,531	2 150,623	3,623	3,159
90	81	12 644	460,206	1 557,092	3,383	2,919
91	82	9 907	347,543	1 096,886	3,156	2,692
92	83	7 543	255,046	749,343	2,938	2,474
93	84	5 511	179,624	494,297	2,752	2,287
94	85	3 898	122,453	314,672	2,570	2,105
95	86	2 629	79,599	192,220	2,415	1,950
96	87	1 704	49,715	112,621	2,265	1,801
97	88	1 039	29,225	62,906	2,152	1,688
98	89	611	16,553	33,681	2,035	1,570
99	90	340	8,877	17,127	1,929	1,465
100	91	178	4,495	8,251	1,836	1,371

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10	0	99 535	68 880,335	1 715 098,675	24,900	24,435
11	1	99 228	66 185,913	1 646 218,340	24,873	24,408
12	2	99 196	63 772,898	1 580 032,428	24,776	24,311
13	3	99 177	61 455,986	1 516 259,530	24,672	24,208
14	4	99 157	59 222,898	1 454 803,544	24,565	24,100
15	5	99 134	57 069,106	1 395 580,646	24,454	23,990
16	6	99 109	54 992,674	1 338 511,541	24,340	23,875
17	7	99 076	52 987,182	1 283 518,866	24,223	23,759
18	8	99 044	51 055,579	1 230 531,684	24,102	23,637
19	9	98 999	49 187,912	1 179 476,105	23,979	23,515
20	10	98 954	47 388,284	1 130 288,193	23,852	23,387
21	11	98 905	45 653,059	1 082 899,910	23,720	23,256
22	12	98 858	43 981,715	1 037 246,850	23,584	23,119
23	13	98 805	42 369,455	993 265,136	23,443	22,979
24	14	98 755	40 817,458	950 895,680	23,296	22,832
25	15	98 699	39 319,821	910 078,222	23,146	22,681
26	16	98 644	37 877,417	870 758,401	22,989	22,524
27	17	98 584	36 486,228	832 880,984	22,827	22,363
28	18	98 525	35 146,421	796 394,756	22,659	22,195
29	19	98 458	33 852,973	761 248,335	22,487	22,022
30	20	98 390	32 606,650	727 395,363	22,308	21,844
31	21	98 316	31 404,645	694 788,713	22,124	21,659
32	22	98 239	30 245,907	663 384,067	21,933	21,469
33	23	98 161	29 129,455	633 138,160	21,735	21,271
34	24	98 072	28 050,991	604 008,705	21,533	21,068
35	25	97 979	27 011,433	575 957,713	21,323	20,858
36	26	97 881	26 009,281	548 946,280	21,106	20,641
37	27	97 779	25 042,926	522 937,000	20,882	20,417
38	28	97 662	24 108,920	497 894,073	20,652	20,187
39	29	97 535	23 207,233	473 785,153	20,415	19,951
40	30	97 401	22 337,718	450 577,920	20,171	19,707
41	31	97 250	21 496,862	428 240,201	19,921	19,457
42	32	97 089	20 685,734	406 743,339	19,663	19,199
43	33	96 916	19 902,509	386 057,605	19,397	18,933
44	34	96 732	19 146,703	366 155,096	19,124	18,659
45	35	96 519	18 413,993	347 008,393	18,845	18,380
46	36	96 290	17 706,363	328 594,400	18,558	18,094
47	37	96 036	17 021,375	310 888,037	18,265	17,800
48	38	95 763	16 359,528	293 866,662	17,963	17,499
49	39	95 452	15 716,860	277 507,134	17,657	17,192
50	40	95 111	15 094,690	261 790,274	17,343	16,879
51	41	94 730	14 490,792	246 695,584	17,024	16,560
52	42	94 309	13 905,021	232 204,792	16,699	16,235
53	43	93 844	13 336,340	218 299,771	16,369	15,904
54	44	93 318	12 782,304	204 963,431	16,035	15,571
55	45	92 732	12 242,901	192 181,127	15,697	15,233
56	46	92 078	11 717,100	179 938,225	15,357	14,892
57	47	91 360	11 205,535	168 221,126	15,012	14,548
58	48	90 566	10 706,632	157 015,590	14,665	14,201
59	49	89 684	10 219,158	146 308,959	14,317	13,853
60	50	88 727	9 744,697	136 089,801	13,966	13,501
61	51	87 692	9 282,904	126 345,104	13,611	13,146
62	52	86 557	8 831,590	117 062,199	13,255	12,791
63	53	85 324	8 391,106	108 230,609	12,898	12,434
64	54	84 000	7 962,351	99 839,503	12,539	12,075
65	55	82 564	7 543,320	91 877,152	12,180	11,716
66	56	81 027	7 135,316	84 333,832	11,819	11,355
67	57	79 396	6 739,015	77 198,516	11,455	10,991
68	58	77 661	6 353,512	70 459,501	11,090	10,625
69	59	75 841	5 980,286	64 105,989	10,720	10,255
70	60	73 891	5 615,956	58 125,703	10,350	9,886
71	61	71 862	5 264,324	52 509,747	9,975	9,510
72	62	69 693	4 920,886	47 245,423	9,601	9,137
73	63	67 451	4 590,498	42 324,537	9,220	8,756
74	64	65 070	4 268,384	37 734,039	8,840	8,376
75	65	62 577	3 956,429	33 465,655	8,459	7,994
76	66	59 991	3 655,839	29 509,225	8,072	7,607
77	67	57 254	3 362,987	25 853,386	7,688	7,223
78	68	54 404	3 080,036	22 490,399	7,302	6,838
79	69	51 386	2 804,067	19 410,364	6,922	6,458
80	70	48 229	2 536,663	16 606,297	6,547	6,082
81	71	44 935	2 277,958	14 069,634	6,176	5,712
82	72	41 459	2 025,793	11 791,677	5,821	5,356
83	73	37 877	1 783,883	9 765,884	5,475	5,010
84	74	34 221	1 553,409	7 982,001	5,138	4,674
85	75	30 518	1 335,265	6 428,591	4,814	4,350
86	76	26 798	1 130,119	5 093,326	4,507	4,042
87	77	23 134	940,329	3 963,208	4,215	3,750
88	78	19 600	767,891	3 022,879	3,937	3,472
89	79	16 227	612,781	2 254,987	3,680	3,216
90	80	13 122	477,621	1 642,206	3,438	2,974
91	81	10 348	363,036	1 164,586	3,208	2,743
92	82	7 934	268,294	801,550	2,988	2,523
93	83	5 843	190,424	533,256	2,800	2,336
94	84	4 170	130,988	342,833	2,617	2,153
95	85	2 846	86,158	211,844	2,459	1,994
96	86	1 866	54,463	125,687	2,308	1,843
97	87	1 154	32,470	71,224	2,193	1,729
98	88	689	18,688	38,753	2,074	1,609
99	89	390	10,198	20,066	1,968	1,503
100	90	209	5,272	9,868	1,872	1,407

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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11	0	99 527	66 385,424	1 647 577,401	24,818	24,354
12	1	99 220	63 788,713	1 581 191,978	24,788	24,324
13	2	99 189	61 463,622	1 517 403,264	24,688	24,223
14	3	99 167	59 229,006	1 455 939,643	24,582	24,117
15	4	99 143	57 074,567	1 396 710,637	24,472	24,007
16	5	99 118	54 997,573	1 339 636,070	24,358	23,894
17	6	99 085	52 991,870	1 284 638,496	24,242	23,778
18	7	99 049	51 057,951	1 231 646,627	24,123	23,658
19	8	99 006	49 191,340	1 180 588,676	24,000	23,536
20	9	98 960	47 391,183	1 131 397,336	23,874	23,409
21	10	98 911	45 655,730	1 084 006,153	23,743	23,279
22	11	98 865	43 985,116	1 038 350,423	23,607	23,142
23	12	98 813	42 372,783	994 365,307	23,467	23,003
24	13	98 765	40 821,304	951 992,525	23,321	22,857
25	14	98 708	39 323,447	911 171,220	23,171	22,707
26	15	98 656	37 882,026	871 847,774	23,015	22,550
27	16	98 599	36 491,601	833 965,748	22,854	22,389
28	17	98 539	35 151,207	797 474,147	22,687	22,223
29	18	98 478	33 859,643	762 322,939	22,514	22,050
30	19	98 407	32 612,350	728 463,296	22,337	21,873
31	20	98 334	31 410,453	695 850,946	22,153	21,689
32	21	98 256	30 250,896	664 440,493	21,964	21,500
33	22	98 177	29 134,199	634 189,597	21,768	21,303
34	23	98 089	28 056,041	605 055,399	21,566	21,102
35	24	97 996	27 016,294	576 999,358	21,357	20,893
36	25	97 900	26 014,229	549 983,064	21,142	20,677
37	26	97 797	25 047,640	523 968,835	20,919	20,454
38	27	97 683	24 114,109	498 921,195	20,690	20,226
39	28	97 558	23 212,703	474 807,085	20,455	19,990
40	29	97 426	22 343,500	451 594,382	20,211	19,747
41	30	97 280	21 503,682	429 250,882	19,962	19,497
42	31	97 120	20 692,231	407 747,200	19,705	19,241
43	32	96 949	19 909,331	387 054,969	19,441	18,976
44	33	96 767	19 153,604	367 145,638	19,168	18,704
45	34	96 558	18 421,472	347 992,034	18,891	18,426
46	35	96 330	17 713,663	329 570,562	18,605	18,141
47	36	96 080	17 029,183	311 856,899	18,313	17,849
48	37	95 809	16 367,297	294 827,715	18,013	17,549
49	38	95 509	15 726,347	278 460,419	17,707	17,242
50	39	95 168	15 103,770	262 734,072	17,395	16,931
51	40	94 795	14 500,735	247 630,302	17,077	16,613
52	41	94 379	13 915,322	233 129,567	16,753	16,289
53	42	93 918	13 346,934	219 214,245	16,424	15,960
54	43	93 403	12 793,922	205 867,311	16,091	15,627
55	44	92 822	12 254,795	193 073,389	15,755	15,291
56	45	92 184	11 730,616	180 818,593	15,414	14,950
57	46	91 471	11 219,195	169 087,977	15,071	14,607
58	47	90 690	10 721,323	157 868,782	14,725	14,260
59	48	89 827	10 235,473	147 147,459	14,376	13,912
60	49	88 882	9 761,761	136 911,986	14,025	13,561
61	50	87 854	9 300,139	127 150,224	13,672	13,207
62	51	86 743	8 850,554	117 850,085	13,316	12,851
63	52	85 523	8 410,728	108 999,530	12,960	12,495
64	53	84 216	7 982,848	100 588,802	12,601	12,136
65	54	82 803	7 565,174	92 605,954	12,241	11,777
66	55	81 291	7 158,548	85 040,780	11,880	11,415
67	56	79 681	6 763,206	77 882,232	11,516	11,051
68	57	77 967	6 378,543	71 119,025	11,150	10,685
69	58	76 172	6 006,411	64 740,483	10,779	10,314
70	59	74 240	5 642,512	58 734,072	10,409	9,945
71	60	72 243	5 292,246	53 091,560	10,032	9,568
72	61	70 091	4 949,026	47 799,315	9,658	9,194
73	62	67 868	4 618,832	42 850,289	9,277	8,813
74	63	65 513	4 297,386	38 231,457	8,896	8,432
75	64	63 048	3 986,217	33 934,071	8,513	8,048
76	65	60 473	3 685,212	29 947,854	8,126	7,662
77	66	57 761	3 392,714	26 262,642	7,741	7,276
78	67	54 924	3 109,521	22 869,927	7,355	6,890
79	68	51 930	2 833,723	19 760,407	6,973	6,509
80	69	48 793	2 566,315	16 926,683	6,596	6,131
81	70	45 508	2 307,024	14 360,368	6,225	5,760
82	71	42 035	2 053,935	12 053,344	5,868	5,404
83	72	38 447	1 810,706	9 999,409	5,522	5,058
84	73	34 792	1 579,336	8 188,703	5,185	4,720
85	74	31 072	1 359,523	6 609,367	4,862	4,397
86	75	27 323	1 152,279	5 249,844	4,556	4,092
87	76	23 644	961,055	4 097,565	4,264	3,799
88	77	20 078	786,610	3 136,510	3,987	3,523
89	78	16 685	630,075	2 349,900	3,730	3,265
90	79	13 548	493,112	1 719,825	3,488	3,023
91	80	10 740	376,773	1 226,713	3,256	2,791
92	81	8 288	280,254	849,940	3,033	2,568
93	82	6 146	200,315	569,686	2,844	2,380
94	83	4 420	138,863	369,372	2,660	2,196
95	84	3 044	92,163	230,508	2,501	2,037
96	85	2 020	58,950	138,345	2,347	1,882
97	86	1 265	35,572	79,394	2,232	1,768
98	87	766	20,763	43,823	2,111	1,646
99	88	441	11,512	23,060	2,003	1,539
100	89	240	6,057	11,548	1,907	1,442

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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12	0	99 520	63 980,998	1 582 447,134	24,733	24,269
13	1	99 214	61 478,865	1 518 466,135	24,699	24,235
14	2	99 179	59 236,365	1 456 987,271	24,596	24,132
15	3	99 154	57 080,454	1 397 750,906	24,487	24,023
16	4	99 128	55 002,836	1 340 670,453	24,375	23,910
17	5	99 094	52 996,591	1 285 667,616	24,259	23,795
18	6	99 058	51 062,468	1 232 671,025	24,140	23,676
19	7	99 011	49 193,626	1 181 608,558	24,020	23,555
20	8	98 967	47 394,485	1 132 414,932	23,893	23,429
21	9	98 917	45 658,523	1 085 020,447	23,764	23,299
22	10	98 871	43 987,689	1 039 361,924	23,628	23,164
23	11	98 820	42 376,059	995 374,235	23,489	23,025
24	12	98 772	40 824,510	952 998,176	23,344	22,879
25	13	98 718	39 327,152	912 173,666	23,195	22,730
26	14	98 665	37 885,519	872 846,514	23,039	22,575
27	15	98 611	36 496,042	834 960,995	22,878	22,414
28	16	98 553	35 156,384	798 464,953	22,712	22,247
29	17	98 491	33 864,255	763 308,569	22,540	22,076
30	18	98 426	32 618,776	729 444,314	22,363	21,898
31	19	98 352	31 415,944	696 825,538	22,181	21,716
32	20	98 274	30 256,489	665 409,594	21,992	21,528
33	21	98 193	29 139,004	635 153,105	21,797	21,333
34	22	98 105	28 060,609	606 014,101	21,597	21,132
35	23	98 014	27 021,157	577 953,492	21,389	20,925
36	24	97 918	26 018,911	550 932,335	21,174	20,710
37	25	97 816	25 052,406	524 913,424	20,953	20,488
38	26	97 701	24 118,648	499 861,018	20,725	20,261
39	27	97 579	23 217,699	475 742,370	20,491	20,026
40	28	97 449	22 348,766	452 524,671	20,248	19,784
41	29	97 306	21 509,248	430 175,904	20,000	19,535
42	30	97 151	20 698,795	408 666,656	19,743	19,279
43	31	96 980	19 915,584	387 967,861	19,481	19,016
44	32	96 800	19 160,169	368 052,277	19,209	18,745
45	33	96 593	18 428,112	348 892,107	18,933	18,468
46	34	96 369	17 720,858	330 463,995	18,648	18,184
47	35	96 120	17 036,204	312 743,138	18,358	17,893
48	36	95 853	16 374,805	295 706,933	18,059	17,594
49	37	95 555	15 733,815	279 332,129	17,754	17,289
50	38	95 225	15 112,887	263 598,314	17,442	16,978
51	39	94 852	14 509,457	248 485,427	17,126	16,661
52	40	94 444	13 924,871	233 975,970	16,803	16,338
53	41	93 988	13 356,822	220 051,099	16,475	16,010
54	42	93 477	12 804,085	206 694,277	16,143	15,678
55	43	92 907	12 265,934	193 890,192	15,807	15,343
56	44	92 273	11 742,013	181 624,258	15,468	15,003
57	45	91 577	11 232,137	169 882,246	15,125	14,660
58	46	90 800	10 734,392	158 650,109	14,780	14,315
59	47	89 950	10 249,518	147 915,716	14,431	13,967
60	48	89 024	9 777,347	137 666,198	14,080	13,616
61	49	88 008	9 316,425	127 888,851	13,727	13,263
62	50	86 904	8 866,987	118 572,426	13,372	12,908
63	51	85 707	8 428,788	109 705,439	13,016	12,551
64	52	84 413	8 001,515	101 276,651	12,657	12,193
65	53	83 016	7 584,649	93 275,135	12,298	11,833
66	54	81 526	7 179,287	85 690,486	11,936	11,471
67	55	79 941	6 785,227	78 511,199	11,571	11,106
68	56	78 247	6 401,440	71 725,972	11,205	10,740
69	57	76 472	6 030,074	65 324,531	10,833	10,369
70	58	74 565	5 667,161	59 294,458	10,463	9,998
71	59	72 585	5 317,271	53 627,297	10,085	9,621
72	60	70 463	4 975,275	48 310,027	9,710	9,246
73	61	68 256	4 645,244	43 334,752	9,329	8,864
74	62	65 917	4 323,911	38 689,507	8,948	8,483
75	63	63 476	4 013,302	34 365,596	8,563	8,098
76	64	60 928	3 712,958	30 352,294	8,175	7,710
77	65	58 225	3 419,973	26 639,336	7,789	7,325
78	66	55 410	3 137,008	23 219,363	7,402	6,937
79	67	52 427	2 860,851	20 082,356	7,020	6,555
80	68	49 309	2 593,458	17 221,505	6,640	6,176
81	69	46 040	2 333,992	14 628,047	6,267	5,803
82	70	42 571	2 080,142	12 294,055	5,910	5,446
83	71	38 981	1 835,861	10 213,913	5,564	5,099
84	72	35 315	1 603,083	8 378,052	5,226	4,762
85	73	31 591	1 382,214	6 774,969	4,902	4,437
86	74	27 820	1 173,212	5 392,755	4,597	4,132
87	75	24 107	979,900	4 219,542	4,306	3,842
88	76	20 520	803,948	3 239,642	4,030	3,565
89	77	17 092	645,434	2 435,695	3,774	3,309
90	78	13 930	507,028	1 790,260	3,531	3,066
91	79	11 088	388,993	1 283,232	3,299	2,834
92	80	8 602	290,859	894,239	3,074	2,610
93	81	6 420	209,244	603,380	2,884	2,419
94	82	4 650	146,077	394,136	2,698	2,234
95	83	3 227	97,704	248,059	2,539	2,074
96	84	2 161	63,060	150,355	2,384	1,920
97	85	1 369	38,502	87,295	2,267	1,803
98	86	839	22,746	48,793	2,145	1,681
99	87	489	12,791	26,047	2,036	1,572
100	88	271	6,837	13,256	1,939	1,474

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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13	0	99 513	61 664,187	1 519 625,635	24,644	24,179
14	1	99 204	59 251,055	1 457 961,449	24,607	24,142
15	2	99 166	57 087,545	1 398 710,393	24,501	24,037
16	3	99 138	55 008,509	1 341 622,848	24,389	23,925
17	4	99 103	53 001,662	1 286 614,339	24,275	23,811
18	5	99 066	51 067,017	1 233 612,676	24,157	23,692
19	6	99 020	49 197,978	1 182 545,660	24,036	23,572
20	7	98 971	47 396,687	1 133 347,682	23,912	23,448
21	8	98 924	45 661,705	1 085 950,995	23,783	23,318
22	9	98 877	43 990,380	1 040 289,290	23,648	23,184
23	10	98 826	42 378,538	996 298,910	23,510	23,045
24	11	98 780	40 827,667	953 920,372	23,365	22,900
25	12	98 725	39 330,240	913 092,705	23,216	22,752
26	13	98 674	37 889,089	873 762,465	23,061	22,597
27	14	98 620	36 499,407	835 873,376	22,901	22,437
28	15	98 565	35 160,662	799 373,969	22,735	22,270
29	16	98 506	33 869,242	764 213,307	22,564	22,099
30	17	98 440	32 623,219	730 344,065	22,387	21,923
31	18	98 371	31 422,134	697 720,846	22,205	21,740
32	19	98 291	30 261,779	666 298,712	22,018	21,553
33	20	98 212	29 144,392	636 036,933	21,824	21,359
34	21	98 122	28 065,237	606 892,541	21,624	21,160
35	22	98 030	27 025,557	578 827,304	21,418	20,953
36	23	97 935	26 023,594	551 801,747	21,204	20,739
37	24	97 833	25 056,914	525 778,153	20,983	20,519
38	25	97 720	24 123,237	500 721,239	20,757	20,292
39	26	97 597	23 222,070	476 598,001	20,523	20,059
40	27	97 470	22 353,577	453 375,932	20,282	19,818
41	28	97 328	21 514,317	431 022,355	20,034	19,570
42	29	97 176	20 704,153	409 508,038	19,779	19,315
43	30	97 011	19 921,902	388 803,885	19,516	19,052
44	31	96 831	19 166,187	368 881,983	19,246	18,782
45	32	96 626	18 434,428	349 715,795	18,971	18,506
46	33	96 404	17 727,245	331 281,367	18,688	18,223
47	34	96 159	17 043,124	313 554,122	18,398	17,933
48	35	95 892	16 381,556	296 510,998	18,100	17,636
49	36	95 598	15 741,032	280 129,442	17,796	17,332
50	37	95 271	15 120,064	264 388,409	17,486	17,022
51	38	94 909	14 518,215	249 268,346	17,169	16,705
52	39	94 500	13 933,246	234 750,131	16,848	16,384
53	40	94 053	13 365,987	220 816,884	16,521	16,056
54	41	93 547	12 813,571	207 450,897	16,190	15,726
55	42	92 980	12 275,678	194 637,326	15,856	15,391
56	43	92 357	11 752,685	182 361,649	15,517	15,052
57	44	91 666	11 243,049	170 608,964	15,175	14,710
58	45	90 905	10 746,775	159 365,915	14,829	14,365
59	46	90 060	10 262,012	148 619,140	14,482	14,018
60	47	89 146	9 790,763	138 357,127	14,131	13,667
61	48	88 149	9 331,300	128 566,364	13,778	13,314
62	49	87 056	8 882,514	119 235,064	13,424	12,959
63	50	85 866	8 444,437	110 352,550	13,068	12,604
64	51	84 595	8 018,697	101 908,112	12,709	12,244
65	52	83 210	7 602,385	93 889,415	12,350	11,886
66	53	81 736	7 197,769	86 287,030	11,988	11,524
67	54	80 172	6 804,885	79 089,262	11,622	11,158
68	55	78 502	6 422,283	72 284,377	11,255	10,791
69	56	76 746	6 051,720	65 862,094	10,883	10,419
70	57	74 858	5 689,487	59 810,373	10,512	10,048
71	58	72 902	5 340,499	54 120,886	10,134	9,670
72	59	70 796	4 998,801	48 780,388	9,758	9,294
73	60	68 618	4 669,882	43 781,586	9,375	8,911
74	61	66 294	4 348,637	39 111,704	8,994	8,530
75	62	63 868	4 038,074	34 763,067	8,609	8,144
76	63	61 342	3 738,186	30 724,993	8,219	7,755
77	64	58 663	3 445,722	26 986,807	7,832	7,368
78	65	55 855	3 162,212	23 541,085	7,444	6,980
79	66	52 890	2 886,139	20 378,874	7,061	6,597
80	67	49 781	2 618,285	17 492,734	6,681	6,217
81	68	46 527	2 358,677	14 874,449	6,306	5,842
82	69	43 069	2 104,459	12 515,772	5,947	5,483
83	70	39 478	1 859,286	10 411,314	5,600	5,135
84	71	35 805	1 625,353	8 552,028	5,262	4,797
85	72	32 066	1 402,997	6 926,674	4,937	4,473
86	73	28 284	1 192,793	5 523,677	4,631	4,166
87	74	24 545	997,702	4 330,884	4,341	3,876
88	75	20 923	819,712	3 333,182	4,066	3,602
89	76	17 469	659,661	2 513,470	3,810	3,346
90	77	14 270	519,388	1 853,809	3,569	3,105
91	78	11 401	399,972	1 334,421	3,336	2,872
92	79	8 881	300,292	934,449	3,112	2,647
93	80	6 663	217,162	634,157	2,920	2,456
94	81	4 857	152,588	416,995	2,733	2,268
95	82	3 395	102,779	264,407	2,573	2,108
96	83	2 291	66,851	161,627	2,418	1,953
97	84	1 464	41,186	94,777	2,301	1,837
98	85	908	24,620	53,590	2,177	1,712
99	86	536	14,012	28,970	2,067	1,603
100	87	302	7,597	14,958	1,969	1,505

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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13						
14	0	99 503	59 429,662	1 459 032,883	24,551	24,086
15	1	99 191	57 101,703	1 399 603,221	24,511	24,046
16	2	99 150	55 015,344	1 342 501,518	24,402	23,938
17	3	99 113	53 007,129	1 287 486,174	24,289	23,825
18	4	99 076	51 071,904	1 234 479,046	24,171	23,707
19	5	99 028	49 202,361	1 183 407,142	24,052	23,587
20	6	98 980	47 400,880	1 134 204,781	23,928	23,464
21	7	98 929	45 663,826	1 086 803,901	23,800	23,336
22	8	98 884	43 993,446	1 041 140,075	23,666	23,201
23	9	98 832	42 381,131	997 146,629	23,528	23,064
24	10	98 786	40 830,055	954 765,499	23,384	22,919
25	11	98 733	39 333,282	913 935,443	23,236	22,771
26	12	98 682	37 892,064	874 602,161	23,081	22,617
27	13	98 629	36 502,846	836 710,097	22,922	22,457
28	14	98 574	35 163,904	800 207,251	22,756	22,292
29	15	98 517	33 873,363	765 043,347	22,585	22,121
30	16	98 454	32 628,023	731 169,984	22,409	21,945
31	17	98 384	31 426,414	698 541,961	22,228	21,763
32	18	98 310	30 267,742	667 115,547	22,040	21,576
33	19	98 229	29 149,487	636 847,805	21,848	21,383
34	20	98 140	28 070,427	607 698,318	21,649	21,185
35	21	98 046	27 030,014	579 627,891	21,444	20,979
36	22	97 951	26 027,832	552 597,877	21,231	20,767
37	23	97 851	25 061,424	526 570,045	21,011	20,547
38	24	97 738	24 127,579	501 508,621	20,786	20,321
39	25	97 616	23 226,488	477 381,042	20,553	20,089
40	26	97 488	22 357,784	454 154,554	20,313	19,849
41	27	97 349	21 518,948	431 796,770	20,066	19,601
42	28	97 199	20 709,033	410 277,822	19,812	19,347
43	29	97 036	19 927,059	389 568,789	19,550	19,085
44	30	96 861	19 172,268	369 641,731	19,280	18,816
45	31	96 656	18 440,219	350 469,463	19,006	18,541
46	32	96 437	17 733,321	332 029,245	18,723	18,259
47	33	96 194	17 049,267	314 295,923	18,435	17,970
48	34	95 931	16 388,209	297 246,656	18,138	17,673
49	35	95 638	15 747,522	280 858,447	17,835	17,371
50	36	95 314	15 126,999	265 110,924	17,526	17,061
51	37	94 954	14 525,110	249 983,925	17,210	16,746
52	38	94 557	13 941,657	235 458,815	16,889	16,424
53	39	94 109	13 374,027	221 517,159	16,563	16,099
54	40	93 611	12 822,363	208 143,132	16,233	15,768
55	41	93 049	12 284,772	195 320,769	15,899	15,435
56	42	92 431	11 762,021	183 035,997	15,562	15,097
57	43	91 749	11 253,268	171 273,976	15,220	14,756
58	44	90 993	10 757,216	160 020,708	14,876	14,411
59	45	90 164	10 273,850	149 263,492	14,528	14,064
60	46	89 255	9 802,698	138 989,642	14,179	13,714
61	47	88 270	9 344,104	129 186,944	13,826	13,361
62	48	87 195	8 896,696	119 842,840	13,470	13,006
63	49	86 016	8 459,225	110 946,144	13,115	12,651
64	50	84 752	8 033,585	102 486,919	12,757	12,293
65	51	83 389	7 618,709	94 453,334	12,398	11,933
66	52	81 927	7 214,600	86 834,625	12,036	11,572
67	53	80 379	6 822,402	79 620,024	11,670	11,206
68	54	78 729	6 440,889	72 797,622	11,302	10,838
69	55	76 996	6 071,425	66 356,733	10,929	10,465
70	56	75 127	5 709,911	60 285,308	10,558	10,094
71	57	73 189	5 361,538	54 575,397	10,179	9,715
72	58	71 105	5 020,638	49 213,859	9,802	9,338
73	59	68 942	4 691,964	44 193,221	9,419	8,954
74	60	66 645	4 371,702	39 501,257	9,036	8,571
75	61	64 233	4 061,165	35 129,555	8,650	8,186
76	62	61 720	3 761,259	31 068,390	8,260	7,796
77	63	59 062	3 469,135	27 307,130	7,871	7,407
78	64	56 276	3 186,020	23 837,995	7,482	7,018
79	65	53 315	2 909,328	20 651,976	7,099	6,634
80	66	50 221	2 641,429	17 742,648	6,717	6,253
81	67	46 972	2 381,257	15 101,218	6,342	5,877
82	68	43 525	2 126,716	12 719,962	5,981	5,517
83	69	39 940	1 881,020	10 593,246	5,632	5,167
84	70	36 262	1 646,092	8 712,225	5,293	4,828
85	71	32 512	1 422,488	7 066,133	4,967	4,503
86	72	28 709	1 210,729	5 643,645	4,661	4,197
87	73	24 955	1 014,354	4 432,916	4,370	3,906
88	74	21 303	834,604	3 418,563	4,096	3,632
89	75	17 811	672,595	2 583,959	3,842	3,377
90	76	14 584	530,836	1 911,363	3,601	3,136
91	77	11 679	409,722	1 380,527	3,369	2,905
92	78	9 131	308,767	970,805	3,144	2,680
93	79	6 879	224,205	662,038	2,953	2,488
94	80	5 041	158,362	437,833	2,765	2,300
95	81	3 546	107,361	279,471	2,603	2,139
96	82	2 410	70,323	172,110	2,447	1,983
97	83	1 552	43,662	101,786	2,331	1,867
98	84	971	26,336	58,124	2,207	1,743
99	85	580	15,167	31,788	2,096	1,631
100	86	330	8,322	16,621	1,997	1,533

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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15	0	99 490	57 273,831	1 400 593,562	24,454	23,990
16	1	99 175	55 028,987	1 343 319,732	24,411	23,947
17	2	99 126	53 013,714	1 288 290,744	24,301	23,837
18	3	99 086	51 077,171	1 235 277,030	24,185	23,720
19	4	99 038	49 207,069	1 184 199,859	24,066	23,601
20	5	98 989	47 405,103	1 134 992,790	23,942	23,478
21	6	98 937	45 667,866	1 087 587,687	23,815	23,351
22	7	98 889	43 995,490	1 041 919,821	23,682	23,218
23	8	98 839	42 384,084	997 924,331	23,545	23,080
24	9	98 792	40 832,553	955 540,247	23,401	22,937
25	10	98 739	39 335,583	914 707,694	23,254	22,790
26	11	98 690	37 894,995	875 372,111	23,100	22,636
27	12	98 637	36 505,713	837 477,116	22,941	22,477
28	13	98 584	35 167,217	800 971,404	22,776	22,312
29	14	98 527	33 876,487	765 804,186	22,606	22,141
30	15	98 466	32 631,993	731 927,700	22,430	21,965
31	16	98 399	31 431,042	699 295,706	22,249	21,784
32	17	98 324	30 271,864	667 864,665	22,062	21,598
33	18	98 248	29 155,231	637 592,801	21,869	21,404
34	19	98 157	28 075,334	608 437,570	21,672	21,207
35	20	98 064	27 035,012	580 362,236	21,467	21,003
36	21	97 967	26 032,125	553 327,223	21,256	20,791
37	22	97 867	25 065,505	527 295,099	21,037	20,572
38	23	97 755	24 131,921	502 229,594	20,812	20,347
39	24	97 633	23 230,668	478 097,672	20,580	20,116
40	25	97 507	22 362,038	454 867,004	20,341	19,877
41	26	97 368	21 522,998	432 504,966	20,095	19,631
42	27	97 220	20 713,490	410 981,968	19,841	19,377
43	28	97 059	19 931,755	390 268,477	19,580	19,116
44	29	96 886	19 177,230	370 336,722	19,311	18,847
45	30	96 687	18 446,068	351 159,492	19,037	18,573
46	31	96 467	17 738,891	332 713,424	18,756	18,292
47	32	96 227	17 055,111	314 974,532	18,468	18,004
48	33	95 966	16 394,117	297 919,422	18,172	17,708
49	34	95 677	15 753,918	281 525,305	17,870	17,406
50	35	95 354	15 133,236	265 771,386	17,562	17,098
51	36	94 997	14 531,772	250 638,150	17,248	16,783
52	37	94 602	13 948,278	236 106,378	16,927	16,463
53	38	94 166	13 382,099	222 158,100	16,601	16,137
54	39	93 667	12 830,076	208 776,001	16,272	15,808
55	40	93 113	12 293,201	195 945,925	15,939	15,475
56	41	92 499	11 770,734	183 652,724	15,602	15,138
57	42	91 822	11 262,207	171 881,990	15,262	14,797
58	43	91 076	10 766,993	160 619,782	14,918	14,453
59	44	90 251	10 283,832	149 852,789	14,572	14,107
60	45	89 358	9 814,006	139 568,957	14,221	13,757
61	46	88 377	9 355,495	129 754,951	13,869	13,405
62	47	87 315	8 908,904	120 399,457	13,515	13,050
63	48	86 154	8 472,731	111 490,553	13,159	12,694
64	49	84 900	8 047,653	103 017,822	12,801	12,337
65	50	83 544	7 632,855	94 970,169	12,442	11,978
66	51	82 103	7 230,092	87 337,315	12,080	11,615
67	52	80 567	6 838,356	80 107,223	11,714	11,250
68	53	78 932	6 457,470	73 268,867	11,346	10,882
69	54	77 219	6 089,014	66 811,397	10,972	10,508
70	55	75 372	5 728,503	60 722,383	10,600	10,136
71	56	73 452	5 380,785	54 993,880	10,220	9,756
72	57	71 386	5 040,417	49 613,095	9,843	9,379
73	58	69 244	4 712,461	44 572,678	9,458	8,994
74	59	66 961	4 392,374	39 860,217	9,075	8,610
75	60	64 574	4 082,705	35 467,843	8,687	8,223
76	61	62 073	3 782,768	31 385,138	8,297	7,832
77	62	59 426	3 490,547	27 602,370	7,908	7,443
78	63	56 658	3 207,668	24 111,823	7,517	7,053
79	64	53 717	2 931,232	20 904,155	7,132	6,667
80	65	50 625	2 662,652	17 972,922	6,750	6,286
81	66	47 388	2 402,306	15 310,271	6,373	5,909
82	67	43 941	2 147,075	12 907,965	6,012	5,547
83	68	40 362	1 900,915	10 760,890	5,661	5,196
84	69	36 686	1 665,335	8 859,975	5,320	4,856
85	70	32 926	1 440,638	7 194,640	4,994	4,530
86	71	29 108	1 227,548	5 754,002	4,687	4,223
87	72	25 330	1 029,606	4 526,454	4,396	3,932
88	73	21 658	848,534	3 496,848	4,121	3,657
89	74	18 135	684,815	2 648,314	3,867	3,403
90	75	14 870	541,245	1 963,500	3,628	3,163
91	76	11 936	418,752	1 422,255	3,396	2,932
92	77	9 354	316,294	1 003,502	3,173	2,708
93	78	7 073	230,533	687,208	2,981	2,517
94	79	5 205	163,498	456,675	2,793	2,329
95	80	3 680	111,424	293,177	2,631	2,167
96	81	2 517	73,458	181,753	2,474	2,010
97	82	1 633	45,930	108,295	2,358	1,893
98	83	1 030	27,919	62,365	2,234	1,769
99	84	621	16,224	34,445	2,123	1,659
100	85	358	9,008	18,221	2,023	1,558

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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16	0	99 474	55 194,867	1 344 235,381	24,354	23,890
17	1	99 150	53 026,862	1 289 040,514	24,309	23,845
18	2	99 098	51 083,517	1 236 013,652	24,196	23,732
19	3	99 048	49 212,144	1 184 930,135	24,078	23,614
20	4	98 999	47 409,639	1 135 717,991	23,955	23,491
21	5	98 946	45 671,934	1 088 308,351	23,829	23,364
22	6	98 897	43 999,382	1 042 636,417	23,697	23,232
23	7	98 844	42 386,053	998 637,035	23,561	23,096
24	8	98 799	40 835,399	956 250,982	23,417	22,953
25	9	98 745	39 337,989	915 415,583	23,271	22,806
26	10	98 696	37 897,211	876 077,594	23,117	22,653
27	11	98 645	36 508,536	838 180,382	22,958	22,494
28	12	98 591	35 169,979	801 671,846	22,794	22,330
29	13	98 536	33 879,678	766 501,867	22,624	22,160
30	14	98 475	32 635,002	732 622,189	22,449	21,985
31	15	98 411	31 434,866	699 987,187	22,268	21,803
32	16	98 338	30 276,322	668 552,320	22,082	21,617
33	17	98 261	29 159,201	638 275,998	21,889	21,425
34	18	98 176	28 080,866	609 116,797	21,692	21,227
35	19	98 081	27 039,739	581 035,930	21,488	21,024
36	20	97 985	26 036,938	553 996,192	21,277	20,813
37	21	97 883	25 069,639	527 959,254	21,060	20,595
38	22	97 771	24 135,851	502 889,614	20,836	20,371
39	23	97 651	23 234,849	478 753,763	20,605	20,141
40	24	97 525	22 366,062	455 518,914	20,367	19,902
41	25	97 386	21 527,093	433 152,851	20,121	19,657
42	26	97 238	20 717,389	411 625,758	19,869	19,404
43	27	97 080	19 936,045	390 908,369	19,608	19,144
44	28	96 909	19 181,750	370 972,323	19,340	18,875
45	29	96 712	18 450,843	351 790,573	19,066	18,602
46	30	96 498	17 744,519	333 339,731	18,786	18,321
47	31	96 257	17 060,468	315 595,212	18,499	18,034
48	32	95 999	16 399,736	298 534,744	18,204	17,739
49	33	95 711	15 759,597	282 135,008	17,902	17,438
50	34	95 392	15 139,383	266 375,411	17,595	17,130
51	35	95 037	14 537,764	251 236,029	17,282	16,817
52	36	94 646	13 954,676	236 698,265	16,962	16,498
53	37	94 211	13 388,454	222 743,589	16,637	16,173
54	38	93 724	12 837,820	209 355,135	16,308	15,843
55	39	93 169	12 300,595	196 517,314	15,976	15,512
56	40	92 563	11 778,811	184 216,719	15,640	15,175
57	41	91 890	11 270,551	172 437,908	15,300	14,835
58	42	91 148	10 775,546	161 167,357	14,957	14,492
59	43	90 333	10 293,178	150 391,811	14,611	14,146
60	44	89 445	9 823,541	140 098,632	14,262	13,797
61	45	88 479	9 366,287	130 275,092	13,909	13,445
62	46	87 421	8 919,764	120 908,805	13,555	13,091
63	47	86 272	8 484,357	111 989,041	13,199	12,735
64	48	85 036	8 060,502	103 504,684	12,841	12,377
65	49	83 690	7 646,221	95 444,183	12,483	12,018
66	50	82 255	7 243,516	87 797,962	12,121	11,656
67	51	80 740	6 853,040	80 554,446	11,755	11,290
68	52	79 117	6 472,570	73 701,406	11,387	10,922
69	53	77 418	6 104,689	67 228,836	11,013	10,548
70	54	75 590	5 745,098	61 124,147	10,639	10,175
71	55	73 691	5 398,305	55 379,048	10,259	9,794
72	56	71 642	5 058,511	49 980,744	9,881	9,416
73	57	69 516	4 731,026	44 922,232	9,495	9,031
74	58	67 253	4 411,562	40 191,206	9,110	8,646
75	59	64 879	4 102,011	35 779,645	8,722	8,258
76	60	62 403	3 802,831	31 677,634	8,330	7,866
77	61	59 766	3 510,508	27 874,802	7,940	7,476
78	62	57 008	3 227,467	24 364,295	7,549	7,085
79	63	54 082	2 951,149	21 136,828	7,162	6,698
80	64	51 006	2 682,699	18 185,679	6,779	6,314
81	65	47 768	2 421,607	15 502,980	6,402	5,938
82	66	44 330	2 166,054	13 081,373	6,039	5,575
83	67	40 749	1 919,112	10 915,319	5,688	5,223
84	68	37 074	1 682,948	8 996,207	5,346	4,881
85	69	33 311	1 457,479	7 313,259	5,018	4,553
86	70	29 480	1 243,211	5 855,780	4,710	4,246
87	71	25 682	1 043,910	4 612,569	4,419	3,954
88	72	21 984	861,292	3 568,659	4,143	3,679
89	73	18 438	696,244	2 707,367	3,889	3,424
90	74	15 141	551,078	2 011,123	3,649	3,185
91	75	12 171	426,964	1 460,045	3,420	2,955
92	76	9 560	323,265	1 033,081	3,196	2,731
93	77	7 246	236,153	709,816	3,006	2,541
94	78	5 352	168,113	473,663	2,818	2,353
95	79	3 799	115,037	305,550	2,656	2,192
96	80	2 612	76,238	190,513	2,499	2,035
97	81	1 706	47,978	114,275	2,382	1,917
98	82	1 083	29,370	66,297	2,257	1,793
99	83	658	17,200	36,927	2,147	1,683
100	84	383	9,636	19,728	2,047	1,583

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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17	0	99 449	53 186,706	1 289 887,330	24,252	23,788
18	1	99 123	51 096,186	1 236 700,624	24,203	23,739
19	2	99 060	49 218,258	1 185 604,438	24,089	23,624
20	3	99 009	47 414,529	1 136 386,179	23,967	23,503
21	4	98 956	45 676,305	1 088 971,650	23,841	23,377
22	5	98 906	44 003,302	1 043 295,345	23,709	23,245
23	6	98 853	42 389,803	999 292,044	23,574	23,109
24	7	98 803	40 837,296	956 902,241	23,432	22,968
25	8	98 752	39 340,730	916 064,945	23,285	22,821
26	9	98 702	37 899,530	876 724,214	23,133	22,668
27	10	98 650	36 510,672	838 824,684	22,975	22,510
28	11	98 599	35 172,699	802 314,013	22,811	22,346
29	12	98 544	33 882,339	767 141,314	22,641	22,177
30	13	98 484	32 638,077	733 258,975	22,466	22,002
31	14	98 420	31 437,765	700 620,897	22,286	21,822
32	15	98 350	30 280,006	669 183,132	22,100	21,635
33	16	98 276	29 163,496	638 903,126	21,908	21,443
34	17	98 190	28 084,690	609 739,630	21,711	21,246
35	18	98 101	27 045,067	581 654,940	21,507	21,042
36	19	98 003	26 041,490	554 609,873	21,297	20,833
37	20	97 901	25 074,275	528 568,383	21,080	20,616
38	21	97 787	24 139,832	503 494,108	20,857	20,393
39	22	97 667	23 238,633	479 354,277	20,627	20,163
40	23	97 542	22 370,088	456 115,644	20,390	19,925
41	24	97 404	21 530,968	433 745,555	20,145	19,681
42	25	97 256	20 721,331	412 214,588	19,893	19,429
43	26	97 098	19 939,798	391 493,257	19,634	19,169
44	27	96 930	19 185,879	371 553,459	19,366	18,902
45	28	96 735	18 455,192	352 367,580	19,093	18,629
46	29	96 523	17 749,111	333 912,389	18,813	18,348
47	30	96 287	17 065,880	316 163,277	18,526	18,062
48	31	96 029	16 404,887	299 097,397	18,232	17,768
49	32	95 744	15 764,999	282 692,510	17,932	17,467
50	33	95 427	15 144,840	266 927,512	17,625	17,161
51	34	95 075	14 543,669	251 782,672	17,312	16,848
52	35	94 685	13 960,429	237 239,003	16,994	16,529
53	36	94 254	13 394,596	223 278,574	16,669	16,205
54	37	93 768	12 843,917	209 883,978	16,341	15,877
55	38	93 225	12 308,020	197 040,061	16,009	15,545
56	39	92 618	11 785,896	184 732,041	15,674	15,210
57	40	91 953	11 278,284	172 946,145	15,334	14,870
58	41	91 216	10 783,529	161 667,861	14,992	14,528
59	42	90 405	10 301,355	150 884,332	14,647	14,183
60	43	89 526	9 832,469	140 582,977	14,298	13,833
61	44	88 565	9 375,386	130 750,507	13,946	13,482
62	45	87 522	8 930,053	121 375,121	13,592	13,127
63	46	86 377	8 494,699	112 445,068	13,237	12,773
64	47	85 152	8 071,562	103 950,369	12,879	12,414
65	48	83 824	7 658,429	95 878,807	12,519	12,055
66	49	82 399	7 256,200	88 220,378	12,158	11,694
67	50	80 889	6 865,764	80 964,178	11,792	11,328
68	51	79 287	6 486,469	74 098,414	11,424	10,959
69	52	77 599	6 118,964	67 611,945	11,050	10,585
70	53	75 785	5 759,888	61 492,981	10,676	10,212
71	54	73 904	5 413,944	55 733,093	10,294	9,830
72	55	71 875	5 074,982	50 319,149	9,915	9,451
73	56	69 766	4 748,009	45 244,167	9,529	9,065
74	57	67 518	4 428,941	40 496,158	9,144	8,679
75	58	65 163	4 119,930	36 067,216	8,754	8,290
76	59	62 698	3 820,814	31 947,286	8,361	7,897
77	60	60 083	3 529,127	28 126,473	7,970	7,505
78	61	57 334	3 245,923	24 597,346	7,578	7,113
79	62	54 416	2 969,364	21 351,423	7,191	6,726
80	63	51 352	2 700,927	18 382,058	6,806	6,341
81	64	48 128	2 439,839	15 681,131	6,427	5,963
82	65	44 686	2 183,457	13 241,292	6,064	5,600
83	66	41 109	1 936,076	11 057,835	5,711	5,247
84	67	37 429	1 699,059	9 121,758	5,369	4,904
85	68	33 664	1 472,894	7 422,700	5,040	4,575
86	69	29 824	1 257,744	5 949,806	4,731	4,266
87	70	26 010	1 057,229	4 692,062	4,438	3,974
88	71	22 289	873,258	3 634,833	4,162	3,698
89	72	18 715	706,713	2 761,575	3,908	3,443
90	73	15 393	560,275	2 054,862	3,668	3,203
91	74	12 392	434,720	1 494,587	3,438	2,974
92	75	9 748	329,604	1 059,866	3,216	2,751
93	76	7 406	241,358	730,262	3,026	2,561
94	77	5 482	172,211	488,904	2,839	2,375
95	78	3 907	118,284	316,693	2,677	2,213
96	79	2 697	78,710	198,409	2,521	2,056
97	80	1 770	49,793	119,699	2,404	1,939
98	81	1 132	30,679	69,905	2,279	1,814
99	82	692	18,093	39,227	2,168	1,704
100	83	406	10,215	21,134	2,069	1,604

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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18	0	99 422	51 250,210	1 237 483,992	24,146	23,682
19	1	99 085	49 230,464	1 186 233,782	24,096	23,631
20	2	99 021	47 420,420	1 137 003,317	23,977	23,513
21	3	98 966	45 681,016	1 089 582,897	23,852	23,388
22	4	98 916	44 007,512	1 043 901,881	23,721	23,257
23	5	98 861	42 393,580	999 894,369	23,586	23,122
24	6	98 812	40 840,909	957 500,789	23,445	22,980
25	7	98 756	39 342,558	916 659,880	23,299	22,835
26	8	98 709	37 902,171	877 317,322	23,147	22,682
27	9	98 656	36 512,905	839 415,151	22,990	22,525
28	10	98 605	35 174,756	802 902,246	22,826	22,362
29	11	98 551	33 884,959	767 727,489	22,657	22,192
30	12	98 492	32 640,640	733 842,530	22,482	22,018
31	13	98 429	31 440,727	701 201,890	22,302	21,838
32	14	98 359	30 282,798	669 761,163	22,117	21,652
33	15	98 288	29 167,044	639 478,364	21,925	21,460
34	16	98 204	28 088,826	610 311,320	21,728	21,263
35	17	98 114	27 048,750	582 222,493	21,525	21,061
36	18	98 022	26 046,622	555 173,743	21,315	20,850
37	19	97 918	25 078,659	529 127,122	21,099	20,634
38	20	97 805	24 144,295	504 048,463	20,877	20,412
39	21	97 683	23 242,466	479 904,168	20,648	20,183
40	22	97 558	22 373,731	456 661,702	20,411	19,946
41	23	97 421	21 534,843	434 287,971	20,167	19,702
42	24	97 274	20 725,060	412 753,128	19,916	19,451
43	25	97 116	19 943,592	392 028,068	19,657	19,192
44	26	96 948	19 189,490	372 084,476	19,390	18,926
45	27	96 756	18 459,164	352 894,987	19,118	18,653
46	28	96 545	17 753,295	334 435,823	18,838	18,374
47	29	96 312	17 070,297	316 682,528	18,552	18,087
48	30	96 059	16 410,091	299 612,231	18,258	17,793
49	31	95 774	15 769,950	283 202,140	17,958	17,494
50	32	95 459	15 150,031	267 432,189	17,652	17,188
51	33	95 109	14 548,911	252 282,159	17,340	16,876
52	34	94 723	13 966,099	237 733,248	17,022	16,558
53	35	94 293	13 400,118	223 767,148	16,699	16,234
54	36	93 811	12 849,808	210 367,030	16,371	15,907
55	37	93 270	12 313,865	197 517,221	16,040	15,576
56	38	92 674	11 793,010	185 203,356	15,705	15,240
57	39	92 008	11 285,068	173 410,346	15,366	14,902
58	40	91 279	10 790,928	162 125,278	15,024	14,560
59	41	90 472	10 308,987	151 334,350	14,680	14,215
60	42	89 597	9 840,280	141 025,363	14,331	13,867
61	43	88 646	9 383,907	131 185,083	13,980	13,515
62	44	87 607	8 938,729	121 801,175	13,626	13,162
63	45	86 477	8 504,499	112 862,447	13,271	12,806
64	46	85 256	8 081,401	104 357,948	12,913	12,449
65	47	83 939	7 668,937	96 276,547	12,554	12,090
66	48	82 531	7 267,785	88 607,609	12,192	11,727
67	49	81 031	6 877,787	81 339,824	11,826	11,362
68	50	79 434	6 498,512	74 462,037	11,458	10,994
69	51	77 766	6 132,104	67 963,526	11,083	10,619
70	52	75 962	5 773,357	61 831,422	10,710	10,245
71	53	74 094	5 427,881	56 058,065	10,328	9,863
72	54	72 083	5 089,684	50 630,184	9,948	9,483
73	55	69 993	4 763,469	45 540,499	9,560	9,096
74	56	67 760	4 444,840	40 777,031	9,174	8,710
75	57	65 419	4 136,161	36 332,190	8,784	8,320
76	58	62 972	3 837,504	32 196,029	8,390	7,925
77	59	60 367	3 545,815	28 358,525	7,998	7,533
78	60	57 638	3 263,139	24 812,710	7,604	7,140
79	61	54 727	2 986,344	21 549,571	7,216	6,752
80	62	51 669	2 717,598	18 563,226	6,831	6,366
81	63	48 455	2 456,417	15 845,628	6,451	5,986
82	64	45 022	2 199,897	13 389,211	6,086	5,622
83	65	41 439	1 951,631	11 189,314	5,733	5,269
84	66	37 760	1 714,077	9 237,683	5,389	4,925
85	67	33 986	1 486,994	7 523,605	5,060	4,595
86	68	30 140	1 271,046	6 036,612	4,749	4,285
87	69	26 314	1 069,588	4 765,565	4,456	3,991
88	70	22 574	884,400	3 695,977	4,179	3,715
89	71	18 975	716,531	2 811,577	3,924	3,459
90	72	15 625	568,700	2 095,046	3,684	3,219
91	73	12 598	441,976	1 526,346	3,453	2,989
92	74	9 925	335,592	1 084,370	3,231	2,767
93	75	7 551	246,090	748,778	3,043	2,578
94	76	5 603	176,006	502,688	2,856	2,392
95	77	4 002	121,168	326,681	2,696	2,232
96	78	2 773	80,932	205,514	2,539	2,075
97	79	1 828	51,408	124,582	2,423	1,959
98	80	1 174	31,840	73,174	2,298	1,834
99	81	723	18,899	41,334	2,187	1,723
100	82	427	10,746	22,434	2,088	1,623

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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19	0	99 384	49 378,865	1 186 958,632	24,038	23,573
20	1	99 046	47 432,180	1 137 579,767	23,983	23,519
21	2	98 978	45 686,691	1 090 147,587	23,861	23,397
22	3	98 926	44 012,051	1 044 460,896	23,731	23,267
23	4	98 871	42 397,637	1 000 448,844	23,597	23,132
24	5	98 821	40 844,547	958 051,208	23,456	22,992
25	6	98 765	39 346,039	917 206,661	23,311	22,847
26	7	98 713	37 903,932	877 860,622	23,160	22,696
27	8	98 663	36 515,450	839 956,690	23,003	22,538
28	9	98 611	35 176,908	803 441,240	22,840	22,376
29	10	98 557	33 886,942	768 264,332	22,671	22,207
30	11	98 500	32 643,165	734 377,391	22,497	22,033
31	12	98 437	31 443,196	701 734,226	22,318	21,853
32	13	98 369	30 285,652	670 291,030	22,132	21,668
33	14	98 297	29 169,734	640 005,378	21,941	21,476
34	15	98 216	28 092,244	610 835,644	21,744	21,280
35	16	98 128	27 052,733	582 743,400	21,541	21,077
36	17	98 035	26 050,169	555 690,666	21,332	20,867
37	18	97 938	25 083,600	529 640,498	21,115	20,651
38	19	97 822	24 148,516	504 556,897	20,894	20,429
39	20	97 701	23 246,763	480 408,381	20,666	20,201
40	21	97 574	22 377,421	457 161,618	20,430	19,965
41	22	97 437	21 538,350	434 784,197	20,187	19,722
42	23	97 291	20 728,790	413 245,847	19,936	19,471
43	24	97 134	19 947,181	392 517,056	19,678	19,213
44	25	96 967	19 193,141	372 569,875	19,412	18,947
45	26	96 774	18 462,638	353 376,734	19,140	18,676
46	27	96 566	17 757,116	334 914,096	18,861	18,396
47	28	96 335	17 074,321	317 156,980	18,575	18,111
48	29	96 084	16 414,339	300 082,660	18,282	17,817
49	30	95 804	15 774,953	283 668,321	17,982	17,518
50	31	95 489	15 154,789	267 893,368	17,677	17,213
51	32	95 142	14 553,898	252 738,579	17,366	16,901
52	33	94 757	13 971,134	238 184,681	17,048	16,584
53	34	94 331	13 405,561	224 213,547	16,725	16,261
54	35	93 850	12 855,106	210 807,986	16,399	15,934
55	36	93 312	12 319,514	197 952,880	16,068	15,604
56	37	92 718	11 798,611	185 633,366	15,733	15,269
57	38	92 064	11 291,880	173 834,756	15,395	14,930
58	39	91 333	10 797,419	162 542,876	15,054	14,589
59	40	90 534	10 316,060	151 745,457	14,710	14,245
60	41	89 663	9 847,570	141 429,396	14,362	13,897
61	42	88 716	9 391,362	131 581,826	14,011	13,547
62	43	87 687	8 946,853	122 190,464	13,657	13,193
63	44	86 561	8 512,761	113 243,611	13,303	12,838
64	45	85 354	8 090,724	104 730,851	12,945	12,480
65	46	84 041	7 678,286	96 640,127	12,586	12,122
66	47	82 644	7 277,758	88 961,841	12,224	11,759
67	48	81 160	6 888,768	81 684,083	11,858	11,393
68	49	79 573	6 509,892	74 795,315	11,489	11,025
69	50	77 910	6 143,489	68 285,424	11,115	10,651
70	51	76 125	5 785,754	62 141,935	10,741	10,276
71	52	74 268	5 440,574	56 356,181	10,358	9,894
72	53	72 269	5 102,787	50 915,607	9,978	9,514
73	54	70 196	4 777,269	45 812,820	9,590	9,125
74	55	67 981	4 459,313	41 035,551	9,202	8,738
75	56	65 654	4 151,009	36 576,238	8,811	8,347
76	57	63 220	3 852,623	32 425,229	8,416	7,952
77	58	60 631	3 561,305	28 572,607	8,023	7,559
78	59	57 910	3 278,569	25 011,302	7,629	7,164
79	60	55 017	3 002,184	21 732,733	7,239	6,775
80	61	51 965	2 733,138	18 730,549	6,853	6,389
81	62	48 754	2 471,579	15 997,411	6,473	6,008
82	63	45 328	2 214,844	13 525,832	6,107	5,642
83	64	41 751	1 966,325	11 310,988	5,752	5,288
84	65	38 063	1 727,849	9 344,662	5,408	4,944
85	66	34 286	1 500,138	7 616,813	5,077	4,613
86	67	30 428	1 283,214	6 116,675	4,767	4,302
87	68	26 592	1 080,900	4 833,461	4,472	4,007
88	69	22 838	894,738	3 752,561	4,194	3,730
89	70	19 217	725,674	2 857,822	3,938	3,474
90	71	15 842	576,600	2 132,149	3,698	3,233
91	72	12 788	448,622	1 555,548	3,467	3,003
92	73	10 090	341,193	1 106,927	3,244	2,780
93	74	7 688	250,561	765,733	3,056	2,592
94	75	5 713	179,458	515,172	2,871	2,406
95	76	4 090	123,838	335,714	2,711	2,246
96	77	2 841	82,905	211,876	2,556	2,091
97	78	1 879	52,859	128,972	2,440	1,975
98	79	1 212	32,872	76,112	2,315	1,851
99	80	751	19,615	43,240	2,204	1,740
100	81	446	11,225	23,625	2,105	1,640

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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20	0	99 344	47 575,160	1 138 250,647	23,925	23,461
21	1	99 003	45 698,022	1 090 675,487	23,867	23,403
22	2	98 938	44 017,519	1 044 977,466	23,740	23,276
23	3	98 881	42 402,009	1 000 959,946	23,606	23,142
24	4	98 830	40 848,456	958 557,937	23,466	23,002
25	5	98 774	39 349,544	917 709,481	23,322	22,858
26	6	98 722	37 907,285	878 359,937	23,171	22,707
27	7	98 668	36 517,146	840 452,652	23,015	22,551
28	8	98 618	35 179,360	803 935,506	22,852	22,388
29	9	98 563	33 889,015	768 756,146	22,685	22,220
30	10	98 506	32 645,074	734 867,131	22,511	22,046
31	11	98 445	31 445,628	702 222,057	22,331	21,867
32	12	98 376	30 288,030	670 776,429	22,147	21,682
33	13	98 306	29 172,482	640 488,399	21,955	21,491
34	14	98 225	28 094,835	611 315,917	21,759	21,295
35	15	98 140	27 056,025	583 221,082	21,556	21,092
36	16	98 050	26 054,005	556 165,057	21,347	20,882
37	17	97 951	25 087,016	530 111,052	21,131	20,666
38	18	97 842	24 153,275	505 024,035	20,909	20,445
39	19	97 718	23 250,827	480 870,761	20,682	20,217
40	20	97 592	22 381,559	457 619,933	20,446	19,982
41	21	97 453	21 541,902	435 238,374	20,204	19,740
42	22	97 307	20 732,166	413 696,472	19,954	19,490
43	23	97 151	19 950,771	392 964,306	19,697	19,232
44	24	96 984	19 196,595	373 013,535	19,431	18,967
45	25	96 792	18 466,151	353 816,940	19,160	18,696
46	26	96 584	17 760,458	335 350,789	18,882	18,417
47	27	96 356	17 077,996	317 590,331	18,596	18,132
48	28	96 107	16 418,207	300 512,335	18,304	17,839
49	29	95 829	15 779,036	284 094,128	18,005	17,540
50	30	95 520	15 159,597	268 315,091	17,699	17,235
51	31	95 172	14 558,469	253 155,495	17,389	16,924
52	32	94 790	13 975,922	238 597,026	17,072	16,608
53	33	94 365	13 410,393	224 621,103	16,750	16,285
54	34	93 888	12 860,328	211 210,710	16,423	15,959
55	35	93 351	12 324,593	198 350,383	16,094	15,629
56	36	92 761	11 804,023	186 025,789	15,760	15,295
57	37	92 107	11 297,242	174 221,767	15,422	14,957
58	38	91 389	10 803,936	162 924,524	15,080	14,616
59	39	90 589	10 322,266	152 120,588	14,737	14,273
60	40	89 725	9 854,327	141 798,322	14,389	13,925
61	41	88 782	9 398,319	131 943,995	14,039	13,575
62	42	87 756	8 953,960	122 545,676	13,686	13,222
63	43	86 639	8 520,498	113 591,716	13,332	12,867
64	44	85 437	8 098,584	105 071,218	12,974	12,510
65	45	84 138	7 687,143	96 972,634	12,615	12,150
66	46	82 745	7 286,630	89 285,490	12,253	11,789
67	47	81 272	6 898,220	81 998,861	11,887	11,423
68	48	79 700	6 520,285	75 100,641	11,518	11,054
69	49	78 047	6 154,247	68 580,355	11,144	10,679
70	50	76 266	5 796,496	62 426,109	10,770	10,305
71	51	74 427	5 452,256	56 629,612	10,386	9,922
72	52	72 438	5 114,719	51 177,356	10,006	9,541
73	53	70 377	4 789,567	46 062,637	9,617	9,153
74	54	68 178	4 472,232	41 273,070	9,229	8,764
75	55	65 868	4 164,525	36 800,838	8,837	8,372
76	56	63 447	3 866,453	32 636,313	8,441	7,976
77	57	60 870	3 575,335	28 769,861	8,047	7,582
78	58	58 163	3 292,891	25 194,526	7,651	7,187
79	59	55 277	3 016,380	21 901,635	7,261	6,796
80	60	52 241	2 747,635	18 885,255	6,873	6,409
81	61	49 033	2 485,713	16 137,620	6,492	6,028
82	62	45 608	2 228,515	13 651,907	6,126	5,662
83	63	42 035	1 979,686	11 423,392	5,770	5,306
84	64	38 350	1 740,858	9 443,707	5,425	4,960
85	65	34 562	1 512,191	7 702,848	5,094	4,629
86	66	30 697	1 294,557	6 190,658	4,782	4,318
87	67	26 847	1 091,248	4 896,101	4,487	4,022
88	68	23 079	904,201	3 804,853	4,208	3,744
89	69	19 442	734,157	2 900,651	3,951	3,487
90	70	16 044	583,958	2 166,495	3,710	3,246
91	71	12 966	454,854	1 582,537	3,479	3,015
92	72	10 242	346,324	1 127,683	3,256	2,792
93	73	7 816	254,743	781,360	3,067	2,603
94	74	5 817	182,718	526,616	2,882	2,418
95	75	4 170	126,266	343,898	2,724	2,259
96	76	2 903	84,732	217,632	2,568	2,104
97	77	1 925	54,148	132,900	2,454	1,990
98	78	1 247	33,800	78,752	2,330	1,866
99	79	775	20,251	44,952	2,220	1,755
100	80	463	11,650	24,701	2,120	1,656

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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21	0	99 301	45 835,774	1 091 296,577	23,809	23,344
22	1	98 963	44 028,436	1 045 460,803	23,745	23,281
23	2	98 893	42 407,277	1 001 432,368	23,615	23,150
24	3	98 841	40 852,669	959 025,090	23,475	23,011
25	4	98 783	39 353,309	918 172,421	23,332	22,867
26	5	98 731	37 910,662	878 819,112	23,181	22,717
27	6	98 677	36 520,377	840 908,449	23,026	22,561
28	7	98 622	35 180,994	804 388,073	22,864	22,400
29	8	98 570	33 891,376	769 207,079	22,696	22,232
30	9	98 512	32 647,071	735 315,702	22,523	22,059
31	10	98 450	31 447,467	702 668,631	22,344	21,880
32	11	98 384	30 290,372	671 221,164	22,160	21,695
33	12	98 314	29 174,773	640 930,791	21,969	21,504
34	13	98 234	28 097,482	611 756,018	21,773	21,308
35	14	98 149	27 058,520	583 658,536	21,570	21,106
36	15	98 062	26 057,175	556 600,016	21,361	20,896
37	16	97 965	25 090,711	530 542,840	21,145	20,681
38	17	97 855	24 156,564	505 452,130	20,924	20,460
39	18	97 737	23 255,409	481 295,565	20,696	20,232
40	19	97 609	22 385,472	458 040,156	20,461	19,997
41	20	97 471	21 545,885	435 654,685	20,220	19,755
42	21	97 323	20 735,585	414 108,799	19,971	19,507
43	22	97 167	19 954,020	393 373,214	19,714	19,250
44	23	97 002	19 200,050	373 419,194	19,449	18,984
45	24	96 810	18 469,474	354 219,144	19,179	18,714
46	25	96 603	17 763,837	335 749,669	18,901	18,436
47	26	96 374	17 081,210	317 985,832	18,616	18,152
48	27	96 128	16 421,741	300 904,622	18,324	17,859
49	28	95 852	15 782,755	284 482,881	18,025	17,560
50	29	95 544	15 163,521	268 700,125	17,720	17,256
51	30	95 202	14 563,087	253 536,605	17,410	16,945
52	31	94 820	13 980,312	238 973,517	17,094	16,629
53	32	94 397	13 414,990	224 993,205	16,772	16,307
54	33	93 922	12 864,963	211 578,216	16,446	15,982
55	34	93 389	12 329,599	198 713,252	16,117	15,652
56	35	92 799	11 808,890	186 383,654	15,783	15,319
57	36	92 150	11 302,424	174 574,764	15,446	14,981
58	37	91 432	10 809,067	163 272,340	15,105	14,641
59	38	90 643	10 328,496	152 463,272	14,761	14,297
60	39	89 779	9 860,254	142 134,776	14,415	13,950
61	40	88 843	9 404,768	132 274,522	14,065	13,600
62	41	87 821	8 960,594	122 869,754	13,712	13,248
63	42	86 708	8 527,267	113 909,160	13,358	12,894
64	43	85 515	8 105,945	105 381,894	13,001	12,536
65	44	84 220	7 694,612	97 275,949	12,642	12,178
66	45	82 840	7 295,035	89 581,337	12,280	11,815
67	46	81 371	6 906,629	82 286,302	11,914	11,450
68	47	79 809	6 529,232	75 379,673	11,545	11,081
69	48	78 171	6 164,073	68 850,441	11,170	10,705
70	49	76 400	5 806,647	62 686,368	10,796	10,331
71	50	74 565	5 462,379	56 879,722	10,413	9,949
72	51	72 593	5 125,702	51 417,342	10,031	9,567
73	52	70 541	4 800,767	46 291,640	9,643	9,178
74	53	68 353	4 483,745	41 490,873	9,254	8,789
75	54	66 059	4 176,590	37 007,129	8,861	8,396
76	55	63 653	3 879,042	32 830,539	8,464	7,999
77	56	61 088	3 588,169	28 951,497	8,069	7,604
78	57	58 393	3 305,864	25 363,328	7,672	7,208
79	58	55 519	3 029,557	22 057,464	7,281	6,816
80	59	52 488	2 760,627	19 027,907	6,893	6,428
81	60	49 293	2 498,897	16 267,280	6,510	6,045
82	61	45 869	2 241,259	13 768,383	6,143	5,679
83	62	42 294	1 991,905	11 527,124	5,787	5,323
84	63	38 610	1 752,687	9 535,219	5,440	4,976
85	64	34 822	1 523,576	7 782,533	5,108	4,644
86	65	30 944	1 304,958	6 258,957	4,796	4,332
87	66	27 084	1 100,894	4 953,998	4,500	4,036
88	67	23 300	912,857	3 853,104	4,221	3,757
89	68	19 647	741,921	2 940,247	3,963	3,499
90	69	16 231	590,784	2 198,326	3,721	3,257
91	70	13 131	460,658	1 607,542	3,490	3,025
92	71	10 384	351,135	1 146,884	3,266	2,802
93	72	7 934	258,574	795,750	3,077	2,613
94	73	5 914	185,768	537,176	2,892	2,427
95	74	4 246	128,560	351,408	2,733	2,269
96	75	2 960	86,393	222,848	2,579	2,115
97	76	1 967	55,341	136,455	2,466	2,001
98	77	1 277	34,624	81,113	2,343	1,878
99	78	797	20,822	46,489	2,233	1,768
100	79	478	12,027	25,667	2,134	1,670

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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22	0	99 261	44 161,155	1 046 035,964	23,687	23,222
23	1	98 918	42 417,795	1 001 874,808	23,619	23,155
24	2	98 853	40 857,745	959 457,014	23,483	23,018
25	3	98 794	39 357,368	918 599,269	23,340	22,876
26	4	98 740	37 914,290	879 241,901	23,190	22,726
27	5	98 685	36 523,630	841 327,611	23,035	22,571
28	6	98 631	35 184,107	804 803,981	22,874	22,410
29	7	98 574	33 892,951	769 619,874	22,707	22,243
30	8	98 518	32 649,346	735 726,923	22,534	22,070
31	9	98 456	31 449,391	703 077,577	22,356	21,891
32	10	98 390	30 292,144	671 628,186	22,172	21,707
33	11	98 322	29 177,030	641 336,041	21,981	21,516
34	12	98 242	28 099,688	612 159,012	21,785	21,321
35	13	98 159	27 061,070	584 059,323	21,583	21,119
36	14	98 071	26 059,578	556 998,254	21,374	20,910
37	15	97 977	25 093,764	530 938,675	21,158	20,694
38	16	97 869	24 160,122	505 844,911	20,937	20,473
39	17	97 751	23 258,576	481 684,790	20,710	20,246
40	18	97 628	22 389,883	458 426,214	20,475	20,010
41	19	97 488	21 549,652	436 036,331	20,234	19,770
42	20	97 341	20 739,419	414 486,679	19,985	19,521
43	21	97 183	19 957,311	393 747,260	19,729	19,265
44	22	97 017	19 203,177	373 789,949	19,465	19,001
45	23	96 827	18 472,799	354 586,772	19,195	18,731
46	24	96 620	17 767,034	336 113,973	18,918	18,453
47	25	96 392	17 084,460	318 346,938	18,634	18,169
48	26	96 146	16 424,832	301 262,478	18,342	17,877
49	27	95 872	15 786,152	284 837,646	18,044	17,579
50	28	95 567	15 167,095	269 051,494	17,739	17,275
51	29	95 227	14 566,857	253 884,399	17,429	16,964
52	30	94 850	13 984,747	239 317,543	17,113	16,648
53	31	94 427	13 419,203	225 332,796	16,792	16,327
54	32	93 954	12 869,373	211 913,592	16,467	16,002
55	33	93 422	12 334,043	199 044,220	16,138	15,673
56	34	92 837	11 813,686	186 710,176	15,805	15,340
57	35	92 188	11 307,084	174 896,490	15,468	15,003
58	36	91 474	10 814,025	163 589,406	15,128	14,663
59	37	90 686	10 333,401	152 775,381	14,785	14,320
60	38	89 833	9 866,206	142 441,980	14,437	13,973
61	39	88 896	9 410,425	132 575,773	14,088	13,624
62	40	87 881	8 966,742	123 165,348	13,736	13,271
63	41	86 772	8 533,584	114 198,606	13,382	12,918
64	42	85 583	8 112,384	105 665,023	13,025	12,561
65	43	84 296	7 701,605	97 552,639	12,667	12,202
66	44	82 921	7 302,122	89 851,034	12,305	11,840
67	45	81 465	6 914,596	82 548,911	11,938	11,474
68	46	79 907	6 537,191	75 634,315	11,570	11,105
69	47	78 279	6 172,531	69 097,123	11,194	10,730
70	48	76 522	5 815,918	62 924,593	10,819	10,355
71	49	74 696	5 471,944	57 108,675	10,437	9,972
72	50	72 728	5 135,219	51 636,731	10,055	9,591
73	51	70 693	4 811,076	46 501,512	9,666	9,201
74	52	68 513	4 494,230	41 690,436	9,276	8,812
75	53	66 229	4 187,341	37 196,207	8,883	8,419
76	54	63 838	3 890,280	33 008,865	8,485	8,021
77	55	61 287	3 599,853	29 118,585	8,089	7,624
78	56	58 602	3 317,731	25 518,733	7,692	7,227
79	57	55 737	3 041,492	22 201,002	7,299	6,835
80	58	52 717	2 772,687	19 159,510	6,910	6,446
81	59	49 526	2 510,713	16 386,823	6,527	6,062
82	60	46 112	2 253,146	13 876,110	6,159	5,694
83	61	42 536	2 003,296	11 622,964	5,802	5,337
84	62	38 849	1 763,505	9 619,668	5,455	4,990
85	63	35 059	1 533,928	7 856,163	5,122	4,657
86	64	31 177	1 314,783	6 322,235	4,809	4,344
87	65	27 301	1 109,739	5 007,452	4,512	4,048
88	66	23 506	920,927	3 897,713	4,232	3,768
89	67	19 835	749,024	2 976,786	3,974	3,510
90	68	16 403	597,032	2 227,762	3,731	3,267
91	69	13 284	466,043	1 630,730	3,499	3,035
92	70	10 517	355,615	1 164,688	3,275	2,811
93	71	8 044	262,166	809,073	3,086	2,622
94	72	6 003	188,561	546,907	2,900	2,436
95	73	4 317	130,706	358,346	2,742	2,277
96	74	3 014	87,963	227,640	2,588	2,123
97	75	2 006	56,426	139,677	2,475	2,011
98	76	1 305	35,387	83,250	2,353	1,888
99	77	816	21,330	47,863	2,244	1,780
100	78	491	12,367	26,533	2,146	1,681

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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23	0	99 216	42 545,659	1 002 407,590	23,561	23,096
24	1	98 877	40 867,877	959 861,931	23,487	23,023
25	2	98 806	39 362,258	918 994,054	23,347	22,883
26	3	98 750	37 918,201	879 631,796	23,198	22,734
27	4	98 695	36 527,125	841 713,596	23,044	22,579
28	5	98 640	35 187,241	805 186,470	22,883	22,418
29	6	98 583	33 895,949	769 999,229	22,717	22,252
30	7	98 523	32 650,863	736 103,280	22,545	22,080
31	8	98 463	31 451,583	703 452,417	22,366	21,902
32	9	98 396	30 293,997	672 000,834	22,183	21,718
33	10	98 327	29 178,736	641 706,836	21,992	21,528
34	11	98 250	28 101,862	612 528,100	21,797	21,332
35	12	98 166	27 063,195	584 426,238	21,595	21,130
36	13	98 080	26 062,034	557 363,044	21,386	20,922
37	14	97 986	25 096,078	531 301,010	21,171	20,706
38	15	97 881	24 163,061	506 204,932	20,950	20,485
39	16	97 765	23 262,001	482 041,871	20,722	20,258
40	17	97 642	22 392,932	458 779,869	20,488	20,023
41	18	97 508	21 553,899	436 386,937	20,246	19,782
42	19	97 358	20 743,045	414 833,039	19,999	19,534
43	20	97 201	19 961,001	394 089,994	19,743	19,279
44	21	97 033	19 206,344	374 128,992	19,479	19,015
45	22	96 843	18 475,807	354 922,649	19,210	18,746
46	23	96 638	17 770,232	336 446,842	18,933	18,469
47	24	96 410	17 087,535	318 676,609	18,650	18,185
48	25	96 164	16 427,957	301 589,075	18,358	17,894
49	26	95 890	15 789,124	285 161,117	18,061	17,596
50	27	95 588	15 170,359	269 371,994	17,756	17,292
51	28	95 249	14 570,290	254 201,635	17,447	16,982
52	29	94 874	13 988,367	239 631,344	17,131	16,666
53	30	94 457	13 423,460	225 642,978	16,810	16,345
54	31	93 983	12 873,415	212 219,517	16,485	16,021
55	32	93 454	12 338,271	199 346,102	16,157	15,692
56	33	92 870	11 817,944	187 007,832	15,824	15,360
57	34	92 225	11 311,677	175 189,888	15,488	15,023
58	35	91 512	10 818,484	163 878,211	15,148	14,684
59	36	90 728	10 338,141	153 059,727	14,805	14,341
60	37	89 876	9 870,892	142 721,586	14,459	13,994
61	38	88 950	9 416,105	132 850,694	14,109	13,644
62	39	87 934	8 972,136	123 434,589	13,758	13,293
63	40	86 832	8 539,439	114 462,453	13,404	12,940
64	41	85 646	8 118,394	105 923,014	13,047	12,583
65	42	84 363	7 707,723	97 804,620	12,689	12,225
66	43	82 996	7 308,759	90 096,897	12,327	11,863
67	44	81 544	6 921,314	82 788,138	11,961	11,497
68	45	79 999	6 544,732	75 866,824	11,592	11,128
69	46	78 374	6 180,055	69 322,091	11,217	10,753
70	47	76 627	5 823,898	63 142,036	10,842	10,377
71	48	74 815	5 480,681	57 318,138	10,458	9,994
72	49	72 856	5 144,211	51 837,457	10,077	9,612
73	50	70 824	4 820,008	46 693,246	9,687	9,223
74	51	68 660	4 503,880	41 873,238	9,297	8,833
75	52	66 384	4 197,133	37 369,358	8,904	8,439
76	53	64 002	3 900,295	33 172,225	8,505	8,041
77	54	61 465	3 610,282	29 271,930	8,108	7,644
78	55	58 793	3 328,534	25 661,649	7,710	7,245
79	56	55 938	3 052,410	22 333,115	7,317	6,852
80	57	52 925	2 783,610	19 280,704	6,927	6,462
81	58	49 742	2 521,681	16 497,094	6,542	6,078
82	59	46 330	2 263,800	13 975,414	6,173	5,709
83	60	42 762	2 013,921	11 711,613	5,815	5,351
84	61	39 071	1 773,589	9 697,692	5,468	5,003
85	62	35 275	1 543,396	7 924,103	5,134	4,670
86	63	31 389	1 323,717	6 380,707	4,820	4,356
87	64	27 507	1 118,094	5 056,990	4,523	4,058
88	65	23 695	928,326	3 938,896	4,243	3,779
89	66	20 011	755,645	3 010,570	3,984	3,520
90	67	16 560	602,748	2 254,925	3,741	3,277
91	68	13 425	470,972	1 652,178	3,508	3,044
92	69	10 640	359,772	1 181,206	3,283	2,819
93	70	8 147	265,511	821,434	3,094	2,629
94	71	6 086	191,180	555,923	2,908	2,443
95	72	4 382	132,671	364,743	2,749	2,285
96	73	3 064	89,431	232,071	2,595	2,131
97	74	2 042	57,452	142,640	2,483	2,018
98	75	1 331	36,081	85,189	2,361	1,897
99	76	834	21,800	49,108	2,253	1,788
100	77	503	12,668	27,308	2,156	1,691

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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24	0	99 175	40 991,070	960 355,626	23,428	22,964
25	1	98 830	39 372,020	919 364,556	23,351	22,886
26	2	98 763	37 922,912	879 992,536	23,205	22,740
27	3	98 705	36 530,893	842 069,625	23,051	22,586
28	4	98 649	35 190,608	805 538,732	22,891	22,426
29	5	98 592	33 898,969	770 348,124	22,725	22,260
30	6	98 532	32 653,752	736 449,155	22,553	22,089
31	7	98 468	31 453,044	703 795,403	22,376	21,912
32	8	98 403	30 296,109	672 342,359	22,192	21,728
33	9	98 333	29 180,521	642 046,250	22,003	21,538
34	10	98 255	28 103,505	612 865,729	21,807	21,343
35	11	98 174	27 065,288	584 762,223	21,606	21,141
36	12	98 088	26 064,080	557 696,936	21,397	20,933
37	13	97 996	25 098,443	531 632,855	21,182	20,717
38	14	97 890	24 165,290	506 534,413	20,961	20,497
39	15	97 777	23 264,832	482 369,123	20,734	20,269
40	16	97 656	22 396,230	459 104,291	20,499	20,035
41	17	97 521	21 556,834	436 708,062	20,258	19,794
42	18	97 377	20 747,133	415 151,228	20,010	19,546
43	19	97 218	19 964,491	394 404,095	19,755	19,291
44	20	97 051	19 209,895	374 439,604	19,492	19,028
45	21	96 859	18 478,854	355 229,709	19,224	18,759
46	22	96 653	17 773,126	336 750,855	18,947	18,483
47	23	96 427	17 090,610	318 977,729	18,664	18,199
48	24	96 181	16 430,914	301 887,118	18,373	17,909
49	25	95 909	15 792,128	285 456,205	18,076	17,611
50	26	95 605	15 173,215	269 664,077	17,772	17,308
51	27	95 270	14 573,426	254 490,862	17,463	16,998
52	28	94 897	13 991,664	239 917,436	17,147	16,683
53	29	94 481	13 426,935	225 925,772	16,826	16,362
54	30	94 013	12 877,499	212 498,838	16,502	16,037
55	31	93 484	12 342,146	199 621,339	16,174	15,710
56	32	92 902	11 821,995	187 279,193	15,842	15,377
57	33	92 258	11 315,754	175 457,198	15,506	15,041
58	34	91 549	10 822,878	164 141,444	15,166	14,702
59	35	90 765	10 342,404	153 318,566	14,824	14,360
60	36	89 917	9 875,419	142 976,162	14,478	14,014
61	37	88 992	9 420,577	133 100,743	14,129	13,664
62	38	87 987	8 977,551	123 680,166	13,777	13,312
63	39	86 884	8 544,576	114 702,614	13,424	12,960
64	40	85 705	8 123,964	106 158,039	13,067	12,603
65	41	84 426	7 713,433	98 034,074	12,710	12,245
66	42	83 062	7 314,565	90 320,641	12,348	11,884
67	43	81 618	6 927,605	83 006,076	11,982	11,518
68	44	80 076	6 551,091	76 078,471	11,613	11,149
69	45	78 464	6 187,184	69 527,381	11,237	10,773
70	46	76 720	5 830,997	63 340,196	10,863	10,398
71	47	74 918	5 488,201	57 509,199	10,479	10,014
72	48	72 972	5 152,424	52 020,998	10,096	9,632
73	49	70 948	4 828,449	46 868,573	9,707	9,242
74	50	68 788	4 512,242	42 040,124	9,317	8,852
75	51	66 526	4 206,146	37 527,882	8,922	8,458
76	52	64 152	3 909,415	33 321,737	8,523	8,059
77	53	61 623	3 619,575	29 412,322	8,126	7,661
78	54	58 963	3 338,177	25 792,746	7,727	7,262
79	55	56 120	3 062,349	22 454,570	7,332	6,868
80	56	53 114	2 793,603	19 392,220	6,942	6,477
81	57	49 938	2 531,615	16 598,618	6,557	6,092
82	58	46 532	2 273,690	14 067,003	6,187	5,722
83	59	42 964	2 023,444	11 793,313	5,828	5,364
84	60	39 278	1 782,996	9 769,869	5,479	5,015
85	61	35 477	1 552,222	7 986,873	5,145	4,681
86	62	31 582	1 331,887	6 434,651	4,831	4,367
87	63	27 694	1 125,691	5 102,764	4,533	4,069
88	64	23 873	935,315	3 977,072	4,252	3,788
89	65	20 171	761,716	3 041,757	3,993	3,529
90	66	16 707	608,076	2 280,041	3,750	3,285
91	67	13 553	475,480	1 671,966	3,516	3,052
92	68	10 752	363,577	1 196,485	3,291	2,826
93	69	8 242	268,615	832,908	3,101	2,636
94	70	6 164	193,620	564,294	2,914	2,450
95	71	4 443	134,515	370,674	2,756	2,291
96	72	3 110	90,776	236,159	2,602	2,137
97	73	2 077	58,410	145,384	2,489	2,025
98	74	1 355	36,737	86,973	2,367	1,903
99	75	851	22,228	50,237	2,260	1,796
100	76	514	12,948	28,009	2,163	1,699

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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25	0	99 128	39 490,703	919 822,190	23,292	22,828
26	1	98 787	37 932,316	880 331,487	23,208	22,744
27	2	98 717	36 535,431	842 399,170	23,057	22,593
28	3	98 659	35 194,238	805 863,739	22,898	22,433
29	4	98 601	33 902,213	770 669,501	22,732	22,268
30	5	98 541	32 656,661	736 767,288	22,561	22,097
31	6	98 476	31 455,827	704 110,627	22,384	21,920
32	7	98 407	30 297,516	672 654,801	22,202	21,737
33	8	98 340	29 182,555	642 357,285	22,012	21,547
34	9	98 261	28 105,225	613 174,730	21,817	21,353
35	10	98 180	27 066,871	585 069,505	21,616	21,151
36	11	98 095	26 066,096	558 002,634	21,407	20,943
37	12	98 003	25 100,414	531 936,538	21,192	20,728
38	13	97 900	24 167,567	506 836,125	20,972	20,507
39	14	97 786	23 266,977	482 668,558	20,745	20,280
40	15	97 668	22 398,955	459 401,581	20,510	20,046
41	16	97 535	21 560,008	437 002,626	20,269	19,805
42	17	97 391	20 749,958	415 442,617	20,021	19,557
43	18	97 237	19 968,425	394 692,659	19,766	19,301
44	19	97 068	19 213,254	374 724,234	19,503	19,039
45	20	96 877	18 482,271	355 510,981	19,235	18,771
46	21	96 669	17 776,057	337 028,710	18,960	18,495
47	22	96 443	17 093,393	319 252,652	18,677	18,213
48	23	96 199	16 433,871	302 159,259	18,386	17,922
49	24	95 926	15 794,970	285 725,388	18,090	17,625
50	25	95 624	15 176,102	269 930,418	17,787	17,322
51	26	95 288	14 576,169	254 754,316	17,477	17,013
52	27	94 917	13 994,675	240 178,147	17,162	16,698
53	28	94 504	13 430,099	226 183,472	16,842	16,377
54	29	94 038	12 880,832	212 753,373	16,517	16,053
55	30	93 513	12 346,061	199 872,541	16,189	15,725
56	31	92 931	11 825,708	187 526,479	15,858	15,393
57	32	92 290	11 319,633	175 700,771	15,522	15,057
58	33	91 582	10 826,779	164 381,138	15,183	14,718
59	34	90 802	10 346,604	153 554,359	14,841	14,377
60	35	89 954	9 879,491	143 207,755	14,495	14,031
61	36	89 033	9 424,898	133 328,264	14,146	13,682
62	37	88 029	8 981,815	123 903,366	13,795	13,330
63	38	86 937	8 549,733	114 921,551	13,442	12,977
64	39	85 757	8 128,851	106 371,818	13,086	12,621
65	40	84 484	7 718,726	98 242,967	12,728	12,263
66	41	83 124	7 319,984	90 524,241	12,367	11,902
67	42	81 683	6 933,108	83 204,257	12,001	11,537
68	43	80 149	6 557,045	76 271,149	11,632	11,168
69	44	78 541	6 193,195	69 714,104	11,257	10,792
70	45	76 809	5 837,724	63 520,909	10,881	10,417
71	46	75 009	5 494,892	57 683,185	10,498	10,033
72	47	73 072	5 159,494	52 188,293	10,115	9,651
73	48	71 061	4 836,158	47 028,799	9,724	9,260
74	49	68 908	4 520,144	42 192,641	9,334	8,870
75	50	66 650	4 213,955	37 672,498	8,940	8,476
76	51	64 289	3 917,810	33 458,543	8,540	8,076
77	52	61 767	3 628,040	29 540,733	8,142	7,678
78	53	59 115	3 346,770	25 912,693	7,743	7,278
79	54	56 282	3 071,221	22 565,923	7,348	6,883
80	55	53 287	2 802,699	19 494,702	6,956	6,491
81	56	50 118	2 540,703	16 692,004	6,570	6,105
82	57	46 716	2 282,647	14 151,300	6,200	5,735
83	58	43 152	2 032,283	11 868,654	5,840	5,376
84	59	39 464	1 791,427	9 836,370	5,491	5,026
85	60	35 665	1 560,455	8 044,943	5,156	4,691
86	61	31 763	1 339,503	6 484,488	4,841	4,377
87	62	27 865	1 132,640	5 144,985	4,542	4,078
88	63	24 035	941,670	4 012,345	4,261	3,796
89	64	20 323	767,451	3 070,675	4,001	3,537
90	65	16 841	612,961	2 303,224	3,758	3,293
91	66	13 673	479,683	1 690,263	3,524	3,059
92	67	10 855	367,058	1 210,580	3,298	2,834
93	68	8 329	271,456	843,522	3,107	2,643
94	69	6 236	195,883	572,066	2,920	2,456
95	70	4 499	136,231	376,183	2,761	2,297
96	71	3 154	92,037	239,952	2,607	2,143
97	72	2 108	59,289	147,915	2,495	2,030
98	73	1 378	37,350	88,627	2,373	1,908
99	74	866	22,631	51,277	2,266	1,801
100	75	524	13,202	28,646	2,170	1,705

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	2 417 162,694	24,172	23,707	50	50	94 053	13 234,389	212 361,977	16,046	15,581
1	1	99 344	95 523,375	2 317 162,694	24,258	23,793	51	51	93 566	12 659,568	199 127,588	15,729	15,265
2	2	99 292	91 801,244	2 221 639,319	24,201	23,736	52	52	93 020	12 101,612	186 468,020	15,409	14,944
3	3	99 264	88 245,683	2 129 838,075	24,135	23,671	53	53	92 419	11 560,949	174 366,408	15,082	14,618
4	4	99 243	84 833,625	2 041 592,392	24,066	23,601	54	54	91 749	11 035,671	162 805,459	14,753	14,288
5	5	99 223	81 554,299	1 956 758,767	23,993	23,529	55	55	90 997	10 524,320	151 769,788	14,421	13,956
6	6	99 204	78 402,733	1 875 204,469	23,918	23,453	56	56	90 166	10 027,058	141 245,467	14,086	13,622
7	7	99 187	75 373,721	1 796 801,736	23,839	23,374	57	57	89 251	9 543,631	131 218,409	13,749	13,284
8	8	99 174	72 465,123	1 721 428,015	23,755	23,290	58	58	88 249	9 073,536	121 674,779	13,410	12,945
9	9	99 158	69 667,189	1 648 962,892	23,669	23,204	59	59	87 149	8 615,756	112 601,242	13,069	12,604
10	10	99 144	66 978,224	1 579 295,703	23,579	23,114	60	60	85 963	8 171,701	103 985,487	12,725	12,260
11	11	99 130	64 393,269	1 512 317,479	23,486	23,021	61	61	84 669	7 739,109	95 813,786	12,380	11,916
12	12	99 115	61 907,025	1 447 924,210	23,389	22,924	62	62	83 277	7 319,070	88 074,677	12,034	11,569
13	13	99 101	59 517,214	1 386 017,185	23,288	22,823	63	63	81 777	6 910,874	80 755,606	11,685	11,220
14	14	99 082	57 217,212	1 326 499,970	23,184	22,719	64	64	80 171	6 514,566	73 844,732	11,335	10,871
15	15	99 059	55 004,014	1 269 282,758	23,076	22,611	65	65	78 438	6 128,587	67 330,166	10,986	10,521
16	16	99 031	52 873,586	1 214 278,744	22,966	22,501	66	66	76 613	5 755,753	61 201,579	10,633	10,168
17	17	98 992	50 819,921	1 161 405,158	22,853	22,389	67	67	74 681	5 394,786	55 445,827	10,278	9,813
18	18	98 951	48 845,231	1 110 585,237	22,737	22,272	68	68	72 641	5 045,641	50 051,041	9,920	9,455
19	19	98 894	46 939,322	1 061 740,006	22,619	22,155	69	69	70 502	4 708,723	45 005,400	9,558	9,093
20	20	98 837	45 108,130	1 014 800,683	22,497	22,032	70	70	68 217	4 380,877	40 296,677	9,198	8,733
21	21	98 777	43 346,456	969 692,554	22,371	21,906	71	71	65 856	4 066,547	35 915,800	8,832	8,367
22	22	98 720	41 655,524	926 346,098	22,238	21,773	72	72	63 353	3 761,542	31 849,254	8,467	8,002
23	23	98 659	40 028,699	884 690,574	22,101	21,637	73	73	60 780	3 469,987	28 087,712	8,094	7,630
24	24	98 601	38 466,447	844 661,874	21,958	21,494	74	74	58 064	3 187,415	24 617,725	7,723	7,259
25	25	98 537	36 962,753	806 195,427	21,811	21,346	75	75	55 255	2 916,566	21 430,309	7,348	6,883
26	26	98 475	35 518,787	769 232,674	21,657	21,192	76	76	52 370	2 657,983	18 513,744	6,965	6,501
27	27	98 411	34 130,584	733 713,888	21,497	21,032	77	77	49 336	2 407,680	15 855,761	6,585	6,121
28	28	98 344	32 795,654	699 583,304	21,332	20,867	78	78	46 202	2 168,014	13 448,081	6,203	5,738
29	29	98 274	31 511,566	666 787,650	21,160	20,695	79	79	42 891	1 935,225	11 280,068	5,829	5,364
30	30	98 197	30 275,940	635 276,084	20,983	20,518	80	80	39 447	1 711,378	9 344,843	5,460	4,996
31	31	98 111	29 085,911	605 000,144	20,800	20,336	81	81	35 864	1 496,094	7 633,465	5,102	4,637
32	32	98 019	27 941,222	575 914,233	20,612	20,147	82	82	32 118	1 288,293	6 137,371	4,764	4,299
33	33	97 924	26 840,326	547 973,011	20,416	19,951	83	83	28 314	1 092,018	4 849,078	4,440	3,976
34	34	97 817	25 779,830	521 132,685	20,215	19,750	84	84	24 532	909,782	3 757,059	4,130	3,665
35	35	97 702	24 759,167	495 352,855	20,007	19,542	85	85	20 824	742,555	2 847,277	3,834	3,370
36	36	97 583	23 777,988	470 593,688	19,791	19,326	86	86	17 225	590,591	2 104,722	3,564	3,099
37	37	97 455	22 833,326	446 815,700	19,569	19,104	87	87	13 872	457,352	1 514,131	3,311	2,846
38	38	97 313	21 923,198	423 982,374	19,339	18,875	88	88	10 836	343,522	1 056,779	3,076	2,611
39	39	97 150	21 044,788	402 059,176	19,105	18,640	89	89	8 172	249,078	713,257	2,864	2,399
40	40	96 984	20 200,681	381 014,388	18,861	18,397	90	90	5 939	174,057	464,179	2,667	2,202
41	41	96 797	19 386,388	360 813,708	18,612	18,147	91	91	4 144	116,775	290,122	2,484	2,020
42	42	96 597	18 602,114	341 427,320	18,354	17,889	92	92	2 762	74,855	173,347	2,316	1,851
43	43	96 381	17 846,700	322 825,206	18,089	17,624	93	93	1 739	45,300	98,492	2,174	1,709
44	44	96 145	17 118,308	304 978,506	17,816	17,351	94	94	1 041	26,068	53,192	2,040	1,576
45	45	95 879	16 414,369	287 860,198	17,537	17,072	95	95	585	14,086	27,124	1,926	1,461
46	46	95 581	15 733,983	271 445,829	17,252	16,787	96	96	310	7,184	13,038	1,815	1,350
47	47	95 257	15 077,482	255 711,846	16,960	16,495	97	97	150	3,344	5,853	1,750	1,286
48	48	94 901	14 443,431	240 634,364	16,660	16,196	98	98	70	1,495	2,510	1,678	1,214
49	49	94 498	13 828,956	226 190,933	16,356	15,892	99	99	31	0,631	1,014	1,607	1,142
							100	100	13	0,248	0,383	1,545	1,080

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 699	99 699,466	2 414 353,783	24,216	23,751	50	51	93 878	13 209,863	210 358,107	15,924	15,460
1	2	99 320	95 499,691	2 314 654,318	24,237	23,772	51	52	93 366	12 632,442	197 148,244	15,607	15,142
2	3	99 280	91 789,839	2 219 154,627	24,176	23,712	52	53	92 803	12 073,380	184 515,802	15,283	14,818
3	4	99 254	88 236,582	2 127 364,788	24,110	23,645	53	54	92 182	11 531,265	172 442,422	14,954	14,490
4	5	99 234	84 825,507	2 039 128,205	24,039	23,574	54	55	91 483	11 003,792	160 911,158	14,623	14,158
5	6	99 214	81 547,034	1 954 302,698	23,965	23,501	55	56	90 702	10 490,164	149 907,365	14,290	13,825
6	7	99 196	78 395,797	1 872 755,664	23,888	23,424	56	57	89 843	9 991,192	139 417,201	13,954	13,489
7	8	99 182	75 370,220	1 794 359,867	23,807	23,342	57	58	88 901	9 506,180	129 426,010	13,615	13,150
8	9	99 167	72 460,073	1 718 989,647	23,723	23,258	58	59	87 865	9 034,072	119 919,830	13,274	12,809
9	10	99 152	69 662,927	1 646 529,574	23,636	23,171	59	60	86 738	8 575,207	110 885,758	12,931	12,466
10	11	99 138	66 974,307	1 576 866,647	23,544	23,080	60	61	85 510	8 128,587	102 310,551	12,587	12,122
11	12	99 123	64 388,290	1 509 892,340	23,450	22,985	61	62	84 188	7 695,105	94 181,964	12,239	11,774
12	13	99 107	61 902,164	1 445 504,051	23,351	22,887	62	63	82 766	7 274,172	86 486,858	11,890	11,425
13	14	99 091	59 511,607	1 383 601,887	23,249	22,784	63	64	81 226	6 864,234	79 212,686	11,540	11,075
14	15	99 073	57 211,936	1 324 090,280	23,144	22,679	64	65	79 572	6 465,885	72 348,453	11,189	10,724
15	16	99 047	54 997,322	1 266 878,344	23,035	22,570	65	66	77 813	6 079,739	65 882,568	10,836	10,372
16	17	99 017	52 865,801	1 211 881,022	22,924	22,459	66	67	75 942	5 705,320	59 802,829	10,482	10,017
17	18	98 979	50 813,001	1 159 015,221	22,809	22,345	67	68	73 972	5 343,632	54 097,509	10,124	9,659
18	19	98 932	48 835,608	1 108 202,219	22,693	22,228	68	69	71 881	4 992,835	48 753,877	9,765	9,300
19	20	98 877	46 931,118	1 059 366,612	22,573	22,108	69	70	69 688	4 654,315	43 761,042	9,402	8,937
20	21	98 819	45 099,790	1 012 435,494	22,449	21,984	70	71	67 358	4 325,683	39 106,727	9,041	8,576
21	22	98 760	43 339,308	967 335,704	22,320	21,855	71	72	64 953	4 010,828	34 781,044	8,672	8,207
22	23	98 704	41 648,742	923 996,396	22,185	21,721	72	73	62 414	3 705,820	30 770,216	8,303	7,838
23	24	98 642	40 021,496	882 347,654	22,047	21,582	73	74	59 782	3 413,024	27 064,396	7,930	7,465
24	25	98 583	38 459,526	842 326,158	21,902	21,437	74	75	57 028	3 130,542	23 651,373	7,555	7,090
25	26	98 518	36 955,722	803 866,632	21,752	21,287	75	76	54 192	2 860,476	20 520,831	7,174	6,709
26	27	98 456	35 512,102	766 910,910	21,596	21,131	76	77	51 241	2 600,661	17 660,355	6,791	6,326
27	28	98 390	34 123,239	731 398,808	21,434	20,969	77	78	48 162	2 350,385	15 059,694	6,407	5,943
28	29	98 321	32 787,926	697 275,569	21,266	20,801	78	79	44 934	2 108,506	12 709,309	6,028	5,563
29	30	98 248	31 503,412	664 487,643	21,093	20,628	79	80	41 544	1 874,431	10 600,803	5,655	5,191
30	31	98 166	30 266,339	632 984,231	20,914	20,449	80	81	38 009	1 648,978	8 726,372	5,292	4,827
31	32	98 080	29 076,778	602 717,893	20,728	20,264	81	82	34 334	1 432,250	7 077,394	4,941	4,477
32	33	97 986	27 931,648	573 641,114	20,537	20,072	82	83	30 532	1 224,679	5 645,144	4,609	4,145
33	34	97 888	26 830,655	545 709,466	20,339	19,874	83	84	26 708	1 030,088	4 420,465	4,291	3,827
34	35	97 777	25 769,364	518 878,811	20,135	19,671	84	85	22 934	850,498	3 390,377	3,986	3,522
35	36	97 662	24 748,963	493 109,448	19,924	19,460	85	86	19 239	686,028	2 539,879	3,702	3,237
36	37	97 539	23 767,086	468 360,485	19,706	19,241	86	87	15 723	539,103	1 853,851	3,439	2,974
37	38	97 408	22 822,488	444 593,399	19,480	19,016	87	88	12 486	411,642	1 314,747	3,194	2,729
38	39	97 254	21 909,972	421 770,911	19,250	18,785	88	89	9 599	304,291	903,105	2,968	2,503
39	40	97 092	21 032,137	399 860,939	19,012	18,547	89	90	7 113	216,818	598,814	2,762	2,297
40	41	96 917	20 186,829	378 828,802	18,766	18,301	90	91	5 063	148,387	381,996	2,574	2,109
41	42	96 726	19 372,037	358 641,973	18,513	18,049	91	92	3 449	97,199	233,609	2,403	1,939
42	43	96 520	18 587,348	339 269,936	18,253	17,788	92	93	2 244	60,819	136,409	2,243	1,778
43	44	96 293	17 830,494	320 682,588	17,985	17,520	93	94	1 375	35,834	75,590	2,109	1,645
44	45	96 052	17 101,693	302 852,094	17,709	17,244	94	95	801	20,068	39,756	1,981	1,516
45	46	95 769	16 395,456	285 750,401	17,429	16,964	95	96	437	10,525	19,688	1,871	1,406
46	47	95 465	15 714,827	269 354,944	17,140	16,675	96	97	222	5,132	9,163	1,785	1,321
47	48	95 126	15 056,822	253 640,118	16,846	16,381	97	98	105	2,344	4,030	1,719	1,255
48	49	94 750	14 420,408	238 583,296	16,545	16,080	98	99	48	1,027	1,686	1,642	1,177
49	50	94 333	13 804,782	224 162,889	16,238	15,773	99	100	20	0,419	0,659	1,576	1,111

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 675	99 674,746	2 411 641,541	24,195	23,730
1	3	99 307	95 487,827	2 311 966,795	24,212	23,747
2	4	99 270	91 780,373	2 216 478,968	24,150	23,685
3	5	99 245	88 228,139	2 124 698,594	24,082	23,617
4	6	99 225	84 817,951	2 036 470,455	24,010	23,545
5	7	99 206	81 539,820	1 951 652,504	23,935	23,470
6	8	99 191	78 392,155	1 870 112,684	23,856	23,391
7	9	99 175	75 364,968	1 791 720,529	23,774	23,309
8	10	99 161	72 455,640	1 716 355,561	23,688	23,224
9	11	99 146	69 658,852	1 643 899,921	23,599	23,134
10	12	99 131	66 969,128	1 574 241,068	23,507	23,042
11	13	99 115	64 383,234	1 507 271,941	23,411	22,946
12	14	99 098	61 896,332	1 442 888,707	23,311	22,847
13	15	99 082	59 506,120	1 380 992,375	23,208	22,743
14	16	99 061	57 204,975	1 321 486,255	23,101	22,636
15	17	99 032	54 989,224	1 264 281,280	22,991	22,527
16	18	99 003	52 858,602	1 209 292,056	22,878	22,413
17	19	98 959	50 802,990	1 156 433,454	22,763	22,298
18	20	98 915	48 827,072	1 105 630,463	22,644	22,179
19	21	98 859	46 922,441	1 056 803,392	22,522	22,058
20	22	98 803	45 092,353	1 009 880,950	22,396	21,931
21	23	98 744	43 332,252	964 788,597	22,265	21,800
22	24	98 686	41 641,247	921 456,345	22,128	21,664
23	25	98 624	40 014,294	879 815,098	21,988	21,523
24	26	98 565	38 452,210	839 800,804	21,840	21,375
25	27	98 499	36 948,767	801 348,594	21,688	21,223
26	28	98 435	35 504,460	764 399,827	21,530	21,065
27	29	98 367	34 115,198	728 895,367	21,366	20,901
28	30	98 296	32 779,441	694 780,168	21,196	20,731
29	31	98 217	31 493,421	662 000,727	21,020	20,555
30	32	98 135	30 256,835	630 507,306	20,839	20,374
31	33	98 046	29 066,816	600 250,471	20,651	20,186
32	34	97 951	27 921,584	571 183,655	20,457	19,992
33	35	97 849	26 819,762	543 262,072	20,256	19,791
34	36	97 737	25 758,743	516 442,310	20,049	19,584
35	37	97 617	24 737,615	490 683,566	19,836	19,371
36	38	97 492	23 755,805	465 945,951	19,614	19,149
37	39	97 350	22 808,720	442 190,147	19,387	18,922
38	40	97 196	21 896,801	419 381,427	19,153	18,688
39	41	97 025	21 017,715	397 484,625	18,912	18,447
40	42	96 846	20 171,886	376 466,910	18,663	18,198
41	43	96 649	19 356,660	356 295,024	18,407	17,942
42	44	96 432	18 570,470	336 938,364	18,144	17,679
43	45	96 200	17 813,188	318 367,895	17,873	17,408
44	46	95 941	17 081,988	300 554,706	17,595	17,130
45	47	95 652	16 375,494	283 472,719	17,311	16,846
46	48	95 334	15 693,293	267 097,224	17,020	16,555
47	49	94 975	15 032,820	251 403,931	16,724	16,259
48	50	94 584	14 395,200	236 371,111	16,420	15,955
49	51	94 158	13 779,199	221 975,911	16,109	15,645
50	52	93 677	13 181,558	208 196,713	15,795	15,330
51	53	93 148	12 602,971	195 015,155	15,474	15,009
52	54	92 565	12 042,379	182 412,184	15,148	14,683
53	55	91 915	11 497,954	170 369,804	14,817	14,353
54	56	91 187	10 968,080	158 871,850	14,485	14,020
55	57	90 377	10 452,641	147 903,770	14,150	13,685
56	58	89 490	9 951,985	137 451,129	13,811	13,347
57	59	88 514	9 464,834	127 499,144	13,471	13,006
58	60	87 452	8 991,554	118 034,310	13,127	12,662
59	61	86 281	8 529,964	109 042,756	12,783	12,319
60	62	85 024	8 082,369	100 512,792	12,436	11,971
61	63	83 671	7 647,900	92 430,422	12,086	11,621
62	64	82 207	7 225,079	84 782,522	11,734	11,270
63	65	80 619	6 812,939	77 557,443	11,384	10,919
64	66	78 938	6 414,349	70 744,503	11,029	10,564
65	67	77 131	6 026,468	64 330,155	10,675	10,210
66	68	75 222	5 651,221	58 303,687	10,317	9,852
67	69	73 198	5 287,707	52 652,466	9,958	9,493
68	70	71 050	4 935,145	47 364,759	9,597	9,133
69	71	68 810	4 595,677	42 429,614	9,233	8,768
70	72	66 435	4 266,414	37 833,938	8,868	8,403
71	73	63 991	3 951,413	33 567,524	8,495	8,030
72	74	61 390	3 644,984	29 616,111	8,125	7,660
73	75	58 716	3 352,124	25 971,127	7,748	7,283
74	76	55 931	3 070,337	22 619,003	7,367	6,902
75	77	53 024	2 798,787	19 548,665	6,985	6,520
76	78	50 022	2 538,774	16 749,878	6,598	6,133
77	79	46 840	2 285,872	14 211,104	6,217	5,752
78	80	43 522	2 042,269	11 925,232	5,839	5,374
79	81	40 029	1 806,086	9 882,964	5,472	5,007
80	82	36 387	1 578,610	8 076,878	5,116	4,652
81	83	32 638	1 361,527	6 498,268	4,773	4,308
82	84	28 801	1 155,225	5 136,741	4,447	3,982
83	85	24 968	962,965	3 981,515	4,135	3,670
84	86	21 188	785,754	3 018,550	3,842	3,377
85	87	17 561	626,220	2 232,797	3,566	3,101
86	88	14 152	485,222	1 606,576	3,311	2,846
87	89	11 060	364,632	1 121,354	3,075	2,610
88	90	8 356	264,880	756,722	2,857	2,392
89	91	6 064	184,843	491,842	2,661	2,196
90	92	4 214	123,513	307,000	2,486	2,021
91	93	2 802	78,974	183,487	2,323	1,859
92	94	1 775	48,110	104,513	2,172	1,708
93	95	1 059	27,586	56,403	2,045	1,580
94	96	599	14,995	28,817	1,922	1,457
95	97	312	7,519	13,822	1,838	1,373
96	98	155	3,598	6,303	1,752	1,287
97	99	72	1,610	2,705	1,680	1,215
98	100	32	0,681	1,095	1,608	1,143

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 662	99 662,364	2 408 739,542	24,169	23,704
1	4	99 297	95 477,980	2 309 077,178	24,184	23,720
2	5	99 260	91 771,591	2 213 599,198	24,121	23,656
3	6	99 236	88 220,280	2 121 827,606	24,051	23,587
4	7	99 216	84 810,448	2 033 607,327	23,978	23,513
5	8	99 201	81 536,032	1 948 796,878	23,901	23,436
6	9	99 184	78 386,692	1 867 260,846	23,821	23,356
7	10	99 169	75 360,357	1 788 874,154	23,738	23,273
8	11	99 155	72 451,402	1 713 513,796	23,651	23,186
9	12	99 139	69 653,466	1 641 062,394	23,560	23,096
10	13	99 123	66 963,869	1 571 408,928	23,467	23,002
11	14	99 106	64 377,168	1 504 445,060	23,369	22,904
12	15	99 089	61 890,625	1 440 067,892	23,268	22,803
13	16	99 070	59 498,879	1 378 177,267	23,163	22,698
14	17	99 046	57 196,552	1 318 678,387	23,055	22,590
15	18	99 019	54 981,736	1 261 481,835	22,944	22,479
16	19	98 984	52 848,188	1 206 500,099	22,830	22,365
17	20	98 942	50 794,110	1 153 651,910	22,712	22,247
18	21	98 896	48 818,045	1 102 857,800	22,591	22,126
19	22	98 842	46 914,704	1 054 039,755	22,467	22,002
20	23	98 787	45 085,012	1 007 125,051	22,338	21,874
21	24	98 726	43 324,454	962 040,040	22,205	21,741
22	25	98 669	41 633,754	918 715,586	22,067	21,602
23	26	98 605	40 006,683	877 081,832	21,923	21,459
24	27	98 546	38 444,973	837 075,149	21,773	21,309
25	28	98 478	36 940,816	798 630,176	21,619	21,154
26	29	98 412	35 496,094	761 689,360	21,458	20,994
27	30	98 341	34 106,370	726 193,266	21,292	20,827
28	31	98 265	32 769,046	692 086,895	21,120	20,655
29	32	98 186	31 483,532	659 317,849	20,942	20,477
30	33	98 101	30 246,468	627 834,317	20,757	20,292
31	34	98 011	29 056,342	597 587,849	20,567	20,102
32	35	97 911	27 910,247	568 531,507	20,370	19,905
33	36	97 808	26 808,709	540 621,259	20,166	19,701
34	37	97 692	25 746,933	513 812,551	19,956	19,491
35	38	97 570	24 725,873	488 065,618	19,739	19,274
36	39	97 433	23 741,474	463 339,745	19,516	19,051
37	40	97 291	22 795,009	439 598,271	19,285	18,820
38	41	97 129	21 881,787	416 803,262	19,048	18,583
39	42	96 954	21 002,157	394 921,475	18,804	18,339
40	43	96 769	20 155,874	373 919,318	18,551	18,087
41	44	96 561	19 339,083	353 763,444	18,293	17,828
42	45	96 339	18 552,446	334 424,362	18,026	17,561
43	46	96 089	17 792,663	315 871,916	17,753	17,288
44	47	95 824	17 061,190	298 079,253	17,471	17,006
45	48	95 521	16 353,055	281 018,062	17,184	16,720
46	49	95 182	15 668,277	264 665,007	16,892	16,427
47	50	94 809	15 006,542	248 996,731	16,593	16,128
48	51	94 409	14 368,522	233 990,189	16,285	15,820
49	52	93 956	13 749,674	219 621,666	15,973	15,508
50	53	93 459	13 150,806	205 871,992	15,655	15,190
51	54	92 909	12 570,611	192 721,186	15,331	14,866
52	55	92 297	12 007,593	180 150,576	15,003	14,538
53	56	91 617	11 460,638	168 142,983	14,671	14,207
54	57	90 860	10 928,848	156 682,345	14,337	13,872
55	58	90 023	10 411,624	145 753,497	13,999	13,534
56	59	89 101	9 908,700	135 341,874	13,659	13,194
57	60	88 098	9 420,289	125 433,174	13,315	12,850
58	61	86 990	8 944,115	116 012,885	12,971	12,506
59	62	85 790	8 481,464	107 068,770	12,624	12,159
60	63	84 502	8 032,788	98 587,306	12,273	11,808
61	64	83 106	7 596,285	90 554,518	11,921	11,456
62	65	81 593	7 171,089	82 958,232	11,568	11,104
63	66	79 976	6 758,637	75 787,144	11,213	10,749
64	67	78 246	6 358,146	69 028,506	10,857	10,392
65	68	76 400	5 969,323	62 670,361	10,499	10,034
66	69	74 434	5 592,077	56 701,037	10,140	9,675
67	70	72 353	5 226,610	51 108,960	9,779	9,314
68	71	70 155	4 872,968	45 882,350	9,416	8,951
69	72	67 867	4 532,708	41 009,383	9,047	8,583
70	73	65 451	4 203,213	36 476,675	8,678	8,213
71	74	62 941	3 886,546	32 273,462	8,304	7,839
72	75	60 294	3 579,946	28 386,916	7,929	7,465
73	76	57 586	3 287,658	24 806,970	7,545	7,081
74	77	54 725	3 004,122	21 519,312	7,163	6,698
75	78	51 762	2 732,186	18 515,189	6,777	6,312
76	79	48 649	2 469,090	15 783,003	6,392	5,927
77	80	45 369	2 214,062	13 313,914	6,013	5,549
78	81	41 936	1 967,805	11 099,851	5,641	5,176
79	82	38 321	1 729,013	9 132,047	5,282	4,817
80	83	34 590	1 500,660	7 403,033	4,933	4,468
81	84	30 787	1 284,313	5 902,374	4,596	4,131
82	85	26 924	1 079,947	4 618,061	4,276	3,811
83	86	23 067	889,659	3 538,113	3,977	3,512
84	87	19 341	717,252	2 648,454	3,693	3,228
85	88	15 806	563,632	1 931,202	3,426	2,962
86	89	12 536	429,809	1 367,570	3,182	2,717
87	90	9 628	317,405	937,761	2,954	2,490
88	91	7 123	225,816	620,355	2,747	2,282
89	92	5 048	153,857	394,539	2,564	2,100
90	93	3 424	100,354	240,682	2,398	1,934
91	94	2 217	62,471	140,328	2,246	1,781
92	95	1 367	37,037	77,858	2,102	1,637
93	96	791	20,613	40,821	1,980	1,516
94	97	428	10,712	20,208	1,887	1,422
95	98	219	5,271	9,496	1,802	1,337
96	99	107	2,471	4,226	1,710	1,245
97	100	48	1,068	1,755	1,644	1,179

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 652	99 652,086	2 405 624,453	24,140	23,675
1	5	99 288	95 468,844	2 305 972,367	24,154	23,689
2	6	99 251	91 763,416	2 210 503,523	24,089	23,624
3	7	99 227	88 212,476	2 118 740,107	24,019	23,554
4	8	99 212	84 806,508	2 030 527,631	23,943	23,478
5	9	99 194	81 530,350	1 945 721,123	23,865	23,400
6	10	99 178	78 381,897	1 864 190,773	23,783	23,319
7	11	99 163	75 355,949	1 785 808,875	23,698	23,233
8	12	99 147	72 445,800	1 710 452,926	23,610	23,145
9	13	99 131	69 647,996	1 638 007,126	23,518	23,054
10	14	99 114	66 957,560	1 568 359,130	23,423	22,958
11	15	99 097	64 371,232	1 501 401,570	23,324	22,859
12	16	99 077	61 883,095	1 437 030,338	23,222	22,757
13	17	99 055	59 490,119	1 375 147,243	23,116	22,651
14	18	99 032	57 188,764	1 315 657,125	23,006	22,541
15	19	98 999	54 970,904	1 258 468,361	22,893	22,429
16	20	98 966	52 838,951	1 203 497,457	22,777	22,312
17	21	98 924	50 784,720	1 150 658,506	22,658	22,193
18	22	98 880	48 809,995	1 099 873,786	22,534	22,069
19	23	98 826	46 907,066	1 051 063,791	22,407	21,943
20	24	98 769	45 076,898	1 004 156,726	22,277	21,812
21	25	98 709	43 316,658	959 079,827	22,141	21,676
22	26	98 650	41 625,834	915 763,169	22,000	21,535
23	27	98 587	39 999,154	874 137,335	21,854	21,389
24	28	98 525	38 436,701	834 138,181	21,702	21,237
25	29	98 455	36 932,111	795 701,481	21,545	21,080
26	30	98 386	35 486,909	758 769,370	21,382	20,917
27	31	98 310	34 095,554	723 282,461	21,213	20,749
28	32	98 234	32 758,757	689 186,907	21,038	20,573
29	33	98 153	31 472,745	656 428,150	20,857	20,392
30	34	98 066	30 235,570	624 955,405	20,670	20,205
31	35	97 971	29 044,545	594 719,835	20,476	20,011
32	36	97 870	27 898,745	565 675,290	20,276	19,811
33	37	97 764	26 796,417	537 776,545	20,069	19,604
34	38	97 646	25 734,712	510 980,129	19,856	19,391
35	39	97 512	24 710,957	485 245,417	19,637	19,172
36	40	97 375	23 727,202	460 534,459	19,410	18,945
37	41	97 224	22 779,378	436 807,258	19,176	18,711
38	42	97 057	21 865,589	414 027,879	18,935	18,470
39	43	96 877	20 985,486	392 162,291	18,687	18,222
40	44	96 681	20 137,571	371 176,805	18,432	17,967
41	45	96 468	19 320,313	351 039,233	18,169	17,705
42	46	96 228	18 531,069	331 718,921	17,901	17,436
43	47	95 972	17 771,001	313 187,852	17,624	17,159
44	48	95 693	17 037,811	295 416,851	17,339	16,874
45	49	95 369	16 326,988	278 379,040	17,050	16,585
46	50	95 016	15 640,887	262 052,053	16,754	16,289
47	51	94 633	14 978,732	246 411,165	16,451	15,986
48	52	94 206	14 337,735	231 432,434	16,141	15,677
49	53	93 737	13 717,597	217 094,698	15,826	15,361
50	54	93 219	13 117,039	203 377,102	15,505	15,040
51	55	92 640	12 534,298	190 260,063	15,179	14,714
52	56	91 998	11 968,622	177 725,765	14,849	14,384
53	57	91 289	11 419,644	165 757,142	14,515	14,050
54	58	90 504	10 885,961	154 337,498	14,178	13,713
55	59	89 631	10 366,339	143 451,537	13,838	13,373
56	60	88 682	9 862,066	133 085,198	13,495	13,030
57	61	87 633	9 370,588	123 223,132	13,150	12,685
58	62	86 496	8 893,260	113 852,544	12,802	12,337
59	63	85 264	8 429,435	104 959,284	12,452	11,987
60	64	83 932	7 978,576	96 529,849	12,099	11,634
61	65	82 485	7 539,521	88 551,273	11,745	11,280
62	66	80 943	7 113,932	81 011,753	11,388	10,923
63	67	79 275	6 699,417	73 897,821	11,030	10,566
64	68	77 504	6 297,856	67 198,403	10,670	10,205
65	69	75 600	5 906,850	60 900,547	10,310	9,845
66	70	73 574	5 527,463	54 993,697	9,949	9,484
67	71	71 441	5 160,761	49 466,234	9,585	9,120
68	72	69 194	4 806,199	44 305,473	9,218	8,754
69	73	66 862	4 465,562	39 499,274	8,845	8,380
70	74	64 376	4 134,212	35 033,712	8,474	8,009
71	75	61 818	3 817,198	30 899,500	8,095	7,630
72	76	59 135	3 511,099	27 082,302	7,713	7,249
73	77	56 345	3 216,757	23 571,203	7,328	6,863
74	78	53 423	2 932,635	20 354,446	6,941	6,476
75	79	50 341	2 657,193	17 421,811	6,556	6,092
76	80	47 120	2 391,525	14 764,618	6,174	5,709
77	81	43 715	2 133,334	12 373,094	5,800	5,335
78	82	40 146	1 883,831	10 239,759	5,436	4,971
79	83	36 428	1 643,637	8 355,929	5,084	4,619
80	84	32 628	1 415,555	6 712,292	4,742	4,277
81	85	28 781	1 200,623	5 296,737	4,412	3,947
82	86	24 874	997,737	4 096,114	4,105	3,641
83	87	21 056	812,099	3 098,377	3,815	3,350
84	88	17 408	645,566	2 286,278	3,542	3,077
85	89	14 001	499,265	1 640,713	3,286	2,821
86	90	10 912	374,141	1 141,448	3,051	2,586
87	91	8 208	270,596	767,307	2,836	2,371
88	92	5 929	187,962	496,711	2,643	2,178
89	93	4 101	125,008	308,750	2,470	2,005
90	94	2 708	79,382	183,741	2,315	1,850
91	95	1 707	48,092	104,359	2,170	1,705
92	96	1 021	27,675	56,267	2,033	1,568
93	97	565	14,725	28,592	1,942	1,477
94	98	300	7,509	13,868	1,847	1,382
95	99	150	3,620	6,359	1,756	1,292
96	100	71	1,638	2,738	1,671	1,207

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 643	99 642,551	2 402 283,257	24,109	23,644
1	6	99 279	95 460,339	2 302 640,706	24,121	23,657
2	7	99 243	91 755,299	2 207 180,367	24,055	23,590
3	8	99 222	88 208,378	2 115 425,068	23,982	23,517
4	9	99 205	84 800,599	2 027 216,690	23,906	23,441
5	10	99 188	81 525,363	1 942 416,091	23,826	23,361
6	11	99 172	78 377,312	1 860 890,729	23,743	23,278
7	12	99 156	75 350,122	1 782 513,416	23,656	23,192
8	13	99 139	72 440,111	1 707 163,294	23,567	23,102
9	14	99 121	69 641,434	1 634 723,183	23,473	23,009
10	15	99 104	66 951,386	1 565 081,748	23,376	22,912
11	16	99 084	64 363,400	1 498 130,362	23,276	22,811
12	17	99 062	61 873,983	1 433 766,962	23,172	22,708
13	18	99 042	59 482,018	1 371 892,980	23,064	22,599
14	19	99 013	57 177,497	1 312 410,961	22,953	22,488
15	20	98 982	54 961,296	1 255 233,464	22,838	22,374
16	21	98 948	52 829,182	1 200 272,169	22,720	22,255
17	22	98 907	50 776,345	1 147 442,987	22,598	22,133
18	23	98 864	48 802,048	1 096 666,641	22,472	22,007
19	24	98 808	46 898,624	1 047 864,593	22,343	21,878
20	25	98 751	45 068,787	1 000 965,969	22,210	21,745
21	26	98 690	43 308,419	955 897,182	22,072	21,607
22	27	98 631	41 618,000	912 588,764	21,928	21,463
23	28	98 565	39 990,546	870 970,763	21,779	21,315
24	29	98 502	38 427,643	830 980,217	21,625	21,160
25	30	98 429	36 922,554	792 552,574	21,465	21,000
26	31	98 355	35 475,655	755 630,019	21,300	20,835
27	32	98 279	34 084,848	720 154,364	21,128	20,663
28	33	98 200	32 747,532	686 069,516	20,950	20,485
29	34	98 117	31 461,404	653 321,984	20,766	20,301
30	35	98 026	30 223,294	621 860,579	20,576	20,111
31	36	97 931	29 032,575	591 637,285	20,378	19,914
32	37	97 826	27 885,953	562 604,710	20,175	19,710
33	38	97 717	26 783,698	534 718,757	19,964	19,500
34	39	97 587	25 719,187	507 935,060	19,749	19,284
35	40	97 453	24 696,102	482 215,872	19,526	19,061
36	41	97 308	23 710,932	457 519,770	19,296	18,831
37	42	97 152	22 762,516	433 808,838	19,058	18,593
38	43	96 980	21 848,233	411 046,322	18,814	18,349
39	44	96 789	20 966,430	389 198,089	18,563	18,098
40	45	96 587	20 118,026	368 231,659	18,304	17,839
41	46	96 356	19 298,051	348 113,633	18,039	17,574
42	47	96 111	18 508,507	328 815,582	17,766	17,301
43	48	95 841	17 746,649	310 307,075	17,485	17,021
44	49	95 541	17 010,652	292 560,426	17,199	16,734
45	50	95 202	16 298,447	275 549,774	16,907	16,442
46	51	94 840	15 611,902	259 251,327	16,606	16,141
47	52	94 430	14 946,637	243 639,426	16,301	15,836
48	53	93 987	14 304,286	228 692,789	15,988	15,523
49	54	93 496	13 682,374	214 388,503	15,669	15,204
50	55	92 949	13 079,148	200 706,129	15,346	14,881
51	56	92 340	12 493,619	187 626,981	15,018	14,553
52	57	91 669	11 925,811	175 133,363	14,685	14,220
53	58	90 931	11 374,832	163 207,551	14,348	13,883
54	59	90 110	10 838,614	151 832,720	14,008	13,544
55	60	89 209	10 317,552	140 994,106	13,665	13,201
56	61	88 214	9 810,034	130 676,554	13,321	12,856
57	62	87 135	9 317,308	120 866,520	12,972	12,507
58	63	85 965	8 838,705	111 549,213	12,621	12,156
59	64	84 689	8 372,546	102 710,508	12,268	11,803
60	65	83 304	7 918,955	94 337,962	11,913	11,448
61	66	81 828	7 479,427	86 419,008	11,554	11,089
62	67	80 233	7 051,599	78 939,580	11,195	10,730
63	68	78 524	6 635,892	71 887,981	10,833	10,368
64	69	76 693	6 231,945	65 252,089	10,471	10,006
65	70	74 727	5 838,599	59 020,144	10,109	9,644
66	71	72 647	5 457,824	53 181,545	9,744	9,279
67	72	70 462	5 090,049	47 723,721	9,376	8,911
68	73	68 169	4 735,002	42 633,672	9,004	8,539
69	74	65 764	4 392,255	37 898,670	8,629	8,164
70	75	63 228	4 060,445	33 506,416	8,252	7,787
71	76	60 629	3 743,788	29 445,971	7,865	7,400
72	77	57 860	3 435,379	25 702,183	7,482	7,017
73	78	55 004	3 140,209	22 266,804	7,091	6,626
74	79	51 956	2 852,140	19 126,595	6,706	6,241
75	80	48 760	2 573,718	16 274,455	6,323	5,859
76	81	45 402	2 304,326	13 700,737	5,946	5,481
77	82	41 849	2 042,297	11 396,411	5,580	5,115
78	83	38 164	1 790,809	9 354,114	5,223	4,759
79	84	34 362	1 550,423	7 563,305	4,878	4,413
80	85	30 502	1 323,313	6 012,881	4,544	4,079
81	86	26 590	1 109,226	4 689,568	4,228	3,763
82	87	22 706	910,754	3 580,342	3,931	3,466
83	88	18 952	730,933	2 669,588	3,652	3,187
84	89	15 420	571,841	1 938,655	3,390	2,925
85	90	12 188	434,601	1 366,814	3,145	2,680
86	91	9 303	318,964	932,213	2,923	2,458
87	92	6 832	225,235	613,249	2,723	2,258
88	93	4 818	152,719	388,014	2,541	2,076
89	94	3 244	98,885	235,296	2,379	1,915
90	95	2 085	61,111	136,411	2,232	1,767
91	96	1 275	35,936	75,300	2,095	1,631
92	97	730	19,769	39,364	1,991	1,526
93	98	396	10,322	19,595	1,898	1,434
94	99	206	5,158	9,273	1,798	1,333
95	100	100	2,400	4,115	1,715	1,250

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 634	99 633,675	2 398 704,459	24,075	23,610
1	7	99 270	95 451,895	2 299 070,784	24,086	23,621
2	8	99 238	91 751,036	2 203 618,889	24,017	23,553
3	9	99 216	88 202,231	2 111 867,853	23,943	23,479
4	10	99 199	84 795,411	2 023 665,621	23,865	23,400
5	11	99 182	81 520,594	1 938 870,210	23,784	23,319
6	12	99 165	78 371,252	1 857 349,616	23,699	23,235
7	13	99 148	75 344,205	1 778 978,365	23,611	23,147
8	14	99 130	72 433,286	1 703 634,159	23,520	23,055
9	15	99 112	69 635,013	1 631 200,873	23,425	22,960
10	16	99 092	66 943,240	1 561 565,860	23,327	22,862
11	17	99 070	64 353,923	1 494 622,620	23,225	22,760
12	18	99 049	61 865,558	1 430 268,697	23,119	22,654
13	19	99 022	59 470,299	1 368 403,139	23,010	22,545
14	20	98 996	57 167,503	1 308 932,840	22,896	22,432
15	21	98 964	54 951,134	1 251 765,337	22,780	22,315
16	22	98 932	52 820,471	1 196 814,203	22,658	22,193
17	23	98 891	50 768,079	1 143 993,732	22,534	22,069
18	24	98 846	48 793,265	1 093 225,653	22,405	21,940
19	25	98 791	46 890,185	1 044 432,388	22,274	21,809
20	26	98 732	45 060,214	997 542,202	22,138	21,673
21	27	98 671	43 300,268	952 481,989	21,997	21,532
22	28	98 610	41 609,045	909 181,721	21,851	21,386
23	29	98 542	39 981,123	867 572,676	21,700	21,235
24	30	98 476	38 417,699	827 591,553	21,542	21,077
25	31	98 398	36 910,845	789 173,853	21,381	20,916
26	32	98 324	35 464,516	752 263,008	21,212	20,747
27	33	98 246	34 073,170	716 798,493	21,037	20,572
28	34	98 165	32 735,732	682 725,323	20,856	20,391
29	35	98 077	31 448,631	649 989,591	20,668	20,203
30	36	97 986	30 210,838	618 540,959	20,474	20,009
31	37	97 886	29 019,264	588 330,121	20,274	19,809
32	38	97 779	27 872,717	559 310,858	20,067	19,602
33	39	97 658	26 767,540	531 438,141	19,854	19,389
34	40	97 528	25 703,726	504 670,601	19,634	19,169
35	41	97 386	24 679,168	478 966,874	19,408	18,943
36	42	97 236	23 693,380	454 287,706	19,174	18,709
37	43	97 075	22 744,448	430 594,326	18,932	18,467
38	44	96 892	21 828,393	407 849,878	18,684	18,220
39	45	96 695	20 946,080	386 021,485	18,429	17,964
40	46	96 476	20 094,845	365 075,405	18,168	17,703
41	47	96 239	19 274,555	344 980,560	17,898	17,433
42	48	95 979	18 483,145	325 706,004	17,622	17,157
43	49	95 688	17 718,360	307 222,859	17,339	16,874
44	50	95 374	16 980,916	289 504,499	17,049	16,584
45	51	95 026	16 268,242	272 523,583	16,752	16,287
46	52	94 636	15 578,450	256 255,341	16,449	15,985
47	53	94 210	14 911,767	240 676,891	16,140	15,675
48	54	93 745	14 267,557	225 765,124	15,824	15,359
49	55	93 226	13 642,850	211 497,567	15,502	15,038
50	56	92 648	13 036,700	197 854,717	15,177	14,712
51	57	92 009	12 448,929	184 818,017	14,846	14,381
52	58	91 309	11 879,013	172 369,087	14,510	14,046
53	59	90 536	11 325,358	160 490,074	14,171	13,706
54	60	89 686	10 787,603	149 164,716	13,827	13,363
55	61	88 739	10 263,117	138 377,113	13,483	13,018
56	62	87 712	9 754,255	128 113,997	13,134	12,669
57	63	86 600	9 260,151	118 359,741	12,782	12,317
58	64	85 385	8 779,053	109 099,590	12,427	11,962
59	65	84 056	8 309,980	100 320,537	12,072	11,607
60	66	82 640	7 855,837	92 010,557	11,712	11,248
61	67	81 111	7 413,892	84 154,719	11,351	10,886
62	68	79 473	6 984,734	76 740,828	10,987	10,522
63	69	77 702	6 566,443	69 756,093	10,623	10,158
64	70	75 807	6 159,937	63 189,650	10,258	9,793
65	71	73 785	5 765,040	57 029,713	9,892	9,428
66	72	71 652	5 383,042	51 264,673	9,523	9,059
67	73	69 418	5 014,647	45 881,632	9,150	8,685
68	74	67 050	4 657,272	40 866,984	8,775	8,310
69	75	64 591	4 313,883	36 209,713	8,394	7,929
70	76	62 012	3 982,357	31 895,830	8,009	7,544
71	77	59 321	3 663,049	27 913,473	7,620	7,155
72	78	56 483	3 353,629	24 250,424	7,231	6,766
73	79	53 494	3 054,017	20 896,795	6,842	6,378
74	80	50 324	2 762,541	17 842,778	6,459	5,994
75	81	46 982	2 479,877	15 080,237	6,081	5,616
76	82	43 465	2 205,992	12 600,360	5,712	5,247
77	83	39 783	1 941,450	10 394,368	5,354	4,889
78	84	35 999	1 689,250	8 452,918	5,004	4,539
79	85	32 123	1 449,393	6 763,668	4,667	4,202
80	86	28 180	1 222,576	5 314,275	4,347	3,882
81	87	24 272	1 012,524	4 091,699	4,041	3,576
82	88	20 436	819,728	3 079,175	3,756	3,292
83	89	16 787	647,459	2 259,447	3,490	3,025
84	90	13 423	497,777	1 611,988	3,238	2,774
85	91	10 390	370,508	1 114,210	3,007	2,542
86	92	7 743	265,495	743,703	2,801	2,336
87	93	5 551	183,003	478,208	2,613	2,148
88	94	3 811	120,804	295,205	2,444	1,979
89	95	2 497	76,125	174,401	2,291	1,826
90	96	1 558	45,664	98,276	2,152	1,687
91	97	911	25,670	52,612	2,050	1,585
92	98	511	13,858	26,942	1,944	1,479
93	99	272	7,090	13,084	1,845	1,381
94	100	136	3,420	5,994	1,753	1,288

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 625	99 624,861	2 394 876,810	24,039	23,574
1	8	99 265	95 447,461	2 295 251,949	24,047	23,582
2	9	99 231	91 744,643	2 199 804,488	23,977	23,513
3	10	99 209	88 196,836	2 108 059,846	23,902	23,437
4	11	99 193	84 790,451	2 019 863,010	23,822	23,357
5	12	99 175	81 514,290	1 935 072,559	23,739	23,274
6	13	99 157	78 365,098	1 853 558,269	23,653	23,188
7	14	99 138	75 337,107	1 775 193,171	23,563	23,099
8	15	99 121	72 426,607	1 699 856,064	23,470	23,005
9	16	99 100	69 626,541	1 627 429,457	23,374	22,909
10	17	99 078	66 933,383	1 557 802,916	23,274	22,809
11	18	99 056	64 345,160	1 490 869,533	23,170	22,705
12	19	99 029	61 853,369	1 426 524,373	23,063	22,598
13	20	99 005	59 459,904	1 364 671,003	22,951	22,486
14	21	98 977	57 156,934	1 305 211,099	22,836	22,371
15	22	98 948	54 942,073	1 248 054,165	22,716	22,251
16	23	98 916	52 811,871	1 193 112,092	22,592	22,127
17	24	98 873	50 758,942	1 140 300,221	22,465	22,000
18	25	98 828	48 784,486	1 089 541,279	22,334	21,869
19	26	98 772	46 881,266	1 040 756,793	22,200	21,735
20	27	98 714	45 051,734	993 875,527	22,061	21,596
21	28	98 650	43 290,950	948 823,794	21,917	21,453
22	29	98 587	41 599,240	905 532,843	21,768	21,303
23	30	98 517	39 970,777	863 933,603	21,614	21,149
24	31	98 445	38 405,516	823 962,826	21,454	20,989
25	32	98 367	36 899,255	785 557,310	21,289	20,824
26	33	98 291	35 452,364	748 658,055	21,117	20,652
27	34	98 210	34 060,892	713 205,691	20,939	20,474
28	35	98 125	32 722,442	679 144,799	20,755	20,290
29	36	98 037	31 435,670	646 422,357	20,563	20,099
30	37	97 941	30 196,987	614 986,687	20,366	19,901
31	38	97 839	29 005,489	584 789,700	20,161	19,697
32	39	97 720	27 855,903	555 784,211	19,952	19,487
33	40	97 599	26 751,449	527 928,308	19,735	19,270
34	41	97 461	25 686,102	501 176,859	19,512	19,047
35	42	97 314	24 660,899	475 490,758	19,281	18,816
36	43	97 159	23 674,573	450 829,858	19,043	18,578
37	44	96 987	22 723,794	427 155,285	18,798	18,333
38	45	96 798	21 807,207	404 431,491	18,546	18,081
39	46	96 583	20 921,946	382 624,284	18,288	17,823
40	47	96 358	20 070,380	361 702,339	18,022	17,557
41	48	96 107	19 248,144	341 631,959	17,749	17,284
42	49	95 826	18 453,682	322 383,816	17,470	17,005
43	50	95 521	17 687,387	303 930,134	17,183	16,719
44	51	95 197	16 949,447	286 242,747	16,888	16,423
45	52	94 822	16 233,385	269 293,300	16,589	16,124
46	53	94 416	15 542,106	253 059,915	16,282	15,817
47	54	93 968	14 873,478	237 517,809	15,969	15,504
48	55	93 475	14 226,342	222 644,331	15,650	15,185
49	56	92 924	13 598,573	208 417,988	15,326	14,862
50	57	92 316	12 990,068	194 819,415	14,998	14,533
51	58	91 648	12 400,078	181 829,347	14,664	14,199
52	59	90 912	11 827,346	169 429,269	14,325	13,860
53	60	90 109	11 272,057	157 601,923	13,982	13,517
54	61	89 213	10 730,688	146 329,866	13,637	13,172
55	62	88 234	10 204,762	135 599,178	13,288	12,823
56	63	87 174	9 694,418	125 394,416	12,935	12,470
57	64	86 016	9 197,656	115 699,998	12,579	12,114
58	65	84 747	8 713,450	106 502,342	12,223	11,758
59	66	83 386	8 243,746	97 788,892	11,862	11,397
60	67	81 916	7 787,003	89 545,146	11,499	11,034
61	68	80 342	7 343,592	81 758,143	11,133	10,668
62	69	78 641	6 911,634	74 414,551	10,767	10,302
63	70	76 804	6 490,570	67 502,917	10,400	9,935
64	71	74 852	6 082,330	61 012,346	10,031	9,566
65	72	72 774	5 686,049	54 930,017	9,660	9,196
66	73	70 591	5 303,300	49 243,968	9,286	8,821
67	74	68 279	4 932,326	43 940,669	8,909	8,444
68	75	65 854	4 574,171	39 008,343	8,528	8,063
69	76	63 348	4 230,921	34 434,171	8,139	7,674
70	77	60 674	3 896,474	30 203,251	7,751	7,287
71	78	57 910	3 575,882	26 306,777	7,357	6,892
72	79	54 932	3 261,578	22 730,895	6,969	6,504
73	80	51 814	2 958,077	19 469,317	6,582	6,117
74	81	48 489	2 661,815	16 511,240	6,203	5,738
75	82	44 977	2 374,051	13 849,425	5,834	5,369
76	83	41 319	2 097,062	11 475,375	5,472	5,007
77	84	37 526	1 831,348	9 378,313	5,121	4,656
78	85	33 653	1 579,173	7 546,965	4,779	4,314
79	86	29 678	1 339,058	5 967,792	4,457	3,992
80	87	25 723	1 115,992	4 628,733	4,148	3,683
81	88	21 846	911,327	3 512,741	3,855	3,390
82	89	18 102	726,114	2 601,415	3,583	3,118
83	90	14 613	563,602	1 875,301	3,327	2,863
84	91	11 443	424,367	1 311,699	3,091	2,626
85	92	8 649	308,398	887,332	2,877	2,412
86	93	6 291	215,714	578,935	2,684	2,219
87	94	4 391	144,760	363,221	2,509	2,044
88	95	2 934	92,999	218,461	2,349	1,884
89	96	1 866	56,882	125,461	2,206	1,741
90	97	1 113	32,620	68,579	2,102	1,638
91	98	639	17,994	35,959	1,998	1,534
92	99	351	9,519	17,965	1,887	1,422
93	100	180	4,701	8,446	1,797	1,332

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 620	99 620,233	2 390 789,840	23,999	23,534
1	9	99 258	95 440,810	2 291 169,607	24,006	23,541
2	10	99 225	91 739,030	2 195 728,798	23,935	23,470
3	11	99 204	88 191,677	2 103 989,767	23,857	23,392
4	12	99 185	84 783,894	2 015 798,091	23,776	23,311
5	13	99 167	81 507,890	1 931 014,196	23,691	23,226
6	14	99 148	78 357,715	1 849 506,307	23,603	23,139
7	15	99 129	75 330,160	1 771 148,592	23,512	23,047
8	16	99 109	72 417,795	1 695 818,432	23,417	22,952
9	17	99 086	69 616,289	1 623 400,636	23,319	22,854
10	18	99 064	66 924,269	1 553 784,348	23,217	22,752
11	19	99 037	64 332,483	1 486 860,079	23,112	22,647
12	20	99 012	61 842,558	1 422 527,596	23,002	22,538
13	21	98 987	59 448,911	1 360 685,038	22,888	22,423
14	22	98 961	57 147,509	1 301 236,126	22,770	22,305
15	23	98 931	54 933,128	1 244 088,617	22,647	22,183
16	24	98 898	52 802,367	1 189 155,489	22,521	22,056
17	25	98 856	50 749,809	1 136 353,122	22,391	21,926
18	26	98 810	48 775,206	1 085 603,314	22,257	21,792
19	27	98 753	46 872,443	1 036 828,108	22,120	21,655
20	28	98 693	45 042,039	989 955,665	21,978	21,514
21	29	98 627	43 280,749	944 913,626	21,832	21,367
22	30	98 561	41 588,475	901 632,877	21,680	21,215
23	31	98 485	39 958,101	860 044,401	21,524	21,059
24	32	98 414	38 393,457	820 086,300	21,360	20,895
25	33	98 334	36 886,612	781 692,843	21,192	20,727
26	34	98 255	35 439,590	744 806,231	21,016	20,551
27	35	98 170	34 047,064	709 366,641	20,835	20,370
28	36	98 084	32 708,956	675 319,578	20,646	20,181
29	37	97 992	31 421,257	642 610,622	20,451	19,987
30	38	97 894	30 182,653	611 189,365	20,250	19,785
31	39	97 780	28 987,992	581 006,712	20,043	19,578
32	40	97 661	27 839,157	552 018,720	19,829	19,364
33	41	97 533	26 733,106	524 179,563	19,608	19,143
34	42	97 389	25 667,087	497 446,457	19,381	18,916
35	43	97 237	24 641,325	471 779,370	19,146	18,681
36	44	97 071	23 653,075	447 138,046	18,904	18,439
37	45	96 893	22 701,739	423 484,971	18,654	18,189
38	46	96 687	21 782,080	400 783,232	18,400	17,935
39	47	96 466	20 896,473	379 001,152	18,137	17,672
40	48	96 226	20 042,877	358 104,679	17,867	17,402
41	49	95 954	19 217,461	338 061,802	17,591	17,127
42	50	95 658	18 421,423	318 844,341	17,308	16,844
43	51	95 344	17 654,609	300 422,918	17,017	16,552
44	52	94 993	16 913,130	282 768,309	16,719	16,254
45	53	94 601	16 195,513	265 855,179	16,415	15,951
46	54	94 173	15 502,199	249 659,667	16,105	15,640
47	55	93 696	14 830,513	234 157,468	15,789	15,324
48	56	93 171	14 180,171	219 326,954	15,467	15,002
49	57	92 591	13 549,931	205 146,783	15,140	14,675
50	58	91 954	12 939,094	191 596,851	14,808	14,343
51	59	91 250	12 346,145	178 657,758	14,471	14,006
52	60	90 484	11 771,682	166 311,613	14,128	13,663
53	61	89 634	11 212,586	154 539,930	13,783	13,318
54	62	88 706	10 669,675	143 327,344	13,433	12,968
55	63	87 693	10 142,161	132 657,669	13,080	12,615
56	64	86 586	9 628,992	122 515,508	12,724	12,259
57	65	85 373	9 128,925	112 886,517	12,366	11,901
58	66	84 071	8 644,000	103 757,592	12,003	11,539
59	67	82 655	8 171,513	95 113,592	11,640	11,175
60	68	81 140	7 713,165	86 942,079	11,272	10,807
61	69	79 501	7 266,736	79 228,913	10,903	10,438
62	70	77 732	6 831,773	71 962,177	10,533	10,069
63	71	75 836	6 408,797	65 130,404	10,163	9,698
64	72	73 826	5 998,991	58 721,607	9,789	9,324
65	73	71 696	5 601,818	52 722,616	9,412	8,947
66	74	69 432	5 216,240	47 120,798	9,033	8,569
67	75	67 060	4 844,317	41 904,559	8,650	8,185
68	76	64 587	4 486,204	37 060,241	8,261	7,796
69	77	61 982	4 139,677	32 574,038	7,869	7,404
70	78	59 231	3 803,751	28 434,361	7,475	7,011
71	79	56 320	3 477,731	24 630,609	7,082	6,618
72	80	53 207	3 159,118	21 152,879	6,696	6,231
73	81	49 924	2 850,221	17 993,761	6,313	5,848
74	82	46 420	2 548,225	15 143,540	5,943	5,478
75	83	42 756	2 256,823	12 595,315	5,581	5,116
76	84	38 975	1 978,135	10 338,492	5,226	4,762
77	85	35 081	1 712,011	8 360,358	4,883	4,419
78	86	31 092	1 458,959	6 648,346	4,557	4,092
79	87	27 091	1 222,319	5 189,388	4,246	3,781
80	88	23 152	1 004,454	3 967,068	3,949	3,485
81	89	19 351	807,251	2 962,614	3,670	3,205
82	90	15 758	632,069	2 155,363	3,410	2,945
83	91	12 458	480,484	1 523,294	3,170	2,706
84	92	9 525	353,228	1 042,810	2,952	2,487
85	93	7 027	250,573	689,582	2,752	2,287
86	94	4 977	170,635	439,009	2,573	2,108
87	95	3 380	111,441	268,374	2,408	1,943
88	96	2 192	69,491	156,933	2,258	1,793
89	97	1 333	40,634	87,442	2,152	1,687
90	98	780	22,866	46,808	2,047	1,582
91	99	439	12,360	23,942	1,937	1,472
92	100	233	6,311	11,582	1,835	1,370

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 613	99 613,291	2 386 428,907	23,957	23,492
1	10	99 252	95 434,971	2 286 815,616	23,962	23,497
2	11	99 219	91 733,664	2 191 380,645	23,889	23,424
3	12	99 196	88 184,857	2 099 646,980	23,810	23,345
4	13	99 177	84 777,237	2 011 462,123	23,726	23,262
5	14	99 157	81 500,210	1 926 684,886	23,640	23,175
6	15	99 138	78 350,490	1 845 184,676	23,550	23,086
7	16	99 117	75 320,995	1 766 834,186	23,457	22,993
8	17	99 094	72 407,132	1 691 513,191	23,361	22,896
9	18	99 072	69 606,809	1 619 106,059	23,261	22,796
10	19	99 045	66 911,084	1 549 499,250	23,158	22,693
11	20	99 020	64 321,238	1 482 588,166	23,050	22,585
12	21	98 994	61 831,124	1 418 266,927	22,938	22,473
13	22	98 970	59 439,109	1 356 435,803	22,821	22,356
14	23	98 945	57 138,205	1 296 996,694	22,699	22,234
15	24	98 914	54 923,242	1 239 858,490	22,574	22,110
16	25	98 880	52 792,866	1 184 935,248	22,445	21,980
17	26	98 837	50 740,155	1 132 142,382	22,313	21,848
18	27	98 791	48 766,026	1 081 402,227	22,175	21,710
19	28	98 732	46 862,356	1 032 636,201	22,036	21,571
20	29	98 669	45 031,425	985 773,844	21,891	21,426
21	30	98 601	43 269,550	940 742,419	21,741	21,277
22	31	98 530	41 575,286	897 472,869	21,587	21,122
23	32	98 454	39 945,554	855 897,583	21,427	20,962
24	33	98 380	38 380,302	815 952,028	21,260	20,795
25	34	98 298	36 873,321	777 571,726	21,088	20,623
26	35	98 215	35 425,201	740 698,405	20,909	20,444
27	36	98 130	34 033,032	705 273,204	20,723	20,258
28	37	98 039	32 693,959	671 240,172	20,531	20,066
29	38	97 945	31 406,342	638 546,213	20,332	19,867
30	39	97 835	30 164,445	607 139,871	20,128	19,663
31	40	97 722	28 970,566	576 975,425	19,916	19,451
32	41	97 594	27 820,068	548 004,860	19,698	19,233
33	42	97 460	26 713,316	520 184,792	19,473	19,008
34	43	97 312	25 646,714	493 471,476	19,241	18,776
35	44	97 149	24 618,949	467 824,762	19,003	18,538
36	45	96 976	23 630,118	443 205,813	18,756	18,291
37	46	96 781	22 675,581	419 575,696	18,503	18,039
38	47	96 569	21 755,560	396 900,114	18,244	17,779
39	48	96 334	20 867,838	375 144,555	17,977	17,512
40	49	96 073	20 010,928	354 276,716	17,704	17,239
41	50	95 786	19 183,868	334 265,788	17,424	16,959
42	51	95 481	18 387,285	315 081,921	17,136	16,671
43	52	95 139	17 616,780	296 694,636	16,842	16,377
44	53	94 771	16 873,672	279 077,856	16,539	16,074
45	54	94 358	16 153,928	262 204,184	16,232	15,767
46	55	93 901	15 457,418	246 050,256	15,918	15,453
47	56	93 392	14 782,382	230 592,838	15,599	15,134
48	57	92 838	14 129,450	215 810,457	15,274	14,809
49	58	92 228	13 496,760	201 681,007	14,943	14,478
50	59	91 554	12 882,816	188 184,247	14,607	14,143
51	60	90 820	12 288,040	175 301,431	14,266	13,801
52	61	90 007	11 709,575	163 013,392	13,921	13,457
53	62	89 124	11 148,832	151 303,816	13,571	13,106
54	63	88 162	10 604,222	140 154,984	13,217	12,752
55	64	87 101	10 073,713	129 550,761	12,860	12,395
56	65	85 939	9 557,037	119 477,048	12,501	12,037
57	66	84 692	9 056,163	109 920,011	12,138	11,673
58	67	83 335	8 568,261	100 863,848	11,772	11,307
59	68	81 871	8 094,029	92 295,588	11,403	10,938
60	69	80 290	7 632,442	84 201,558	11,032	10,567
61	70	78 582	7 182,772	76 569,116	10,660	10,195
62	71	76 753	6 745,701	69 386,345	10,286	9,821
63	72	74 797	6 320,985	62 640,644	9,910	9,445
64	73	72 733	5 910,124	56 319,659	9,529	9,065
65	74	70 519	5 509,857	50 409,534	9,149	8,684
66	75	68 193	5 123,165	44 899,677	8,764	8,299
67	76	65 771	4 751,155	39 776,511	8,372	7,907
68	77	63 194	4 389,454	35 025,357	7,979	7,515
69	78	60 507	4 041,167	30 635,902	7,581	7,116
70	79	57 605	3 699,346	26 594,735	7,189	6,724
71	80	54 551	3 368,480	22 895,389	6,797	6,332
72	81	51 267	3 043,932	19 526,910	6,415	5,950
73	82	47 794	2 728,591	16 482,978	6,041	5,576
74	83	44 128	2 422,396	13 754,387	5,678	5,213
75	84	40 331	2 128,835	11 331,991	5,323	4,858
76	85	36 436	1 849,233	9 203,156	4,977	4,512
77	86	32 411	1 581,685	7 353,923	4,649	4,185
78	87	28 381	1 331,767	5 772,238	4,334	3,869
79	88	24 383	1 100,154	4 440,471	4,036	3,571
80	89	20 508	889,743	3 340,317	3,754	3,289
81	90	16 845	702,698	2 450,573	3,487	3,023
82	91	13 434	538,854	1 747,876	3,244	2,779
83	92	10 370	399,938	1 209,022	3,023	2,558
84	93	7 739	286,997	809,084	2,819	2,354
85	94	5 559	198,209	522,086	2,634	2,169
86	95	3 831	131,361	323,877	2,466	2,001
87	96	2 526	83,271	192,516	2,312	1,847
88	97	1 566	49,641	109,245	2,201	1,736
89	98	934	28,483	59,604	2,093	1,628
90	99	536	15,706	31,120	1,981	1,517
91	100	291	8,195	15,414	1,881	1,416

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 607	99 607,197	2 381 786,048	23,912	23,447
1	11	99 247	95 429,389	2 282 178,850	23,915	23,450
2	12	99 211	91 726,571	2 186 749,461	23,840	23,375
3	13	99 188	88 177,932	2 095 022,891	23,759	23,294
4	14	99 168	84 769,250	2 006 844,958	23,674	23,209
5	15	99 148	81 492,696	1 922 075,709	23,586	23,121
6	16	99 126	78 340,957	1 840 583,013	23,495	23,030
7	17	99 103	75 309,904	1 762 242,056	23,400	22,935
8	18	99 081	72 397,273	1 686 932,152	23,301	22,836
9	19	99 053	69 593,096	1 614 534,879	23,200	22,735
10	20	99 027	66 899,389	1 544 941,783	23,094	22,629
11	21	99 001	64 309,347	1 478 042,395	22,983	22,519
12	22	98 977	61 820,929	1 413 733,048	22,868	22,403
13	23	98 954	59 429,431	1 351 912,119	22,748	22,283
14	24	98 927	57 127,922	1 292 482,688	22,624	22,160
15	25	98 896	54 913,359	1 235 354,766	22,496	22,032
16	26	98 861	52 782,823	1 180 441,407	22,364	21,899
17	27	98 818	50 730,606	1 127 658,583	22,228	21,764
18	28	98 770	48 755,533	1 076 927,978	22,088	21,624
19	29	98 709	46 851,314	1 028 172,445	21,945	21,481
20	30	98 644	45 019,773	981 321,131	21,798	21,333
21	31	98 570	43 255,828	936 301,358	21,646	21,181
22	32	98 499	41 562,232	893 045,531	21,487	21,022
23	33	98 421	39 931,868	851 483,299	21,323	20,859
24	34	98 345	38 366,472	811 551,431	21,153	20,688
25	35	98 258	36 858,350	773 184,959	20,977	20,512
26	36	98 175	35 410,602	736 326,608	20,794	20,329
27	37	98 085	34 017,428	700 916,007	20,605	20,140
28	38	97 993	32 678,440	666 898,579	20,408	19,943
29	39	97 886	31 387,396	634 220,139	20,206	19,741
30	40	97 776	30 146,312	602 832,742	19,997	19,532
31	41	97 655	28 950,701	572 686,430	19,781	19,317
32	42	97 522	27 799,474	543 735,729	19,559	19,094
33	43	97 383	26 692,112	515 936,256	19,329	18,864
34	44	97 223	25 623,425	489 244,143	19,094	18,629
35	45	97 054	24 595,054	463 620,719	18,850	18,385
36	46	96 865	23 602,890	439 025,665	18,601	18,136
37	47	96 664	22 647,973	415 422,774	18,343	17,878
38	48	96 437	21 725,748	392 774,801	18,079	17,614
39	49	96 180	20 834,574	371 049,053	17,809	17,344
40	50	95 905	19 975,947	350 214,479	17,532	17,067
41	51	95 609	19 148,316	330 238,532	17,246	16,782
42	52	95 277	18 347,886	311 090,216	16,955	16,490
43	53	94 917	17 575,681	292 742,329	16,656	16,191
44	54	94 528	16 830,346	275 166,648	16,349	15,885
45	55	94 085	16 107,264	258 336,303	16,038	15,574
46	56	93 596	15 407,252	242 229,039	15,722	15,257
47	57	93 058	14 729,506	226 821,787	15,399	14,934
48	58	92 474	14 074,004	212 092,281	15,070	14,605
49	59	91 827	13 438,057	198 018,277	14,736	14,271
50	60	91 123	12 822,185	184 580,221	14,395	13,931
51	61	90 341	12 223,209	171 758,036	14,052	13,587
52	62	89 495	11 642,996	159 534,827	13,702	13,237
53	63	88 578	11 080,441	147 891,831	13,347	12,882
54	64	87 567	10 532,656	136 811,390	12,989	12,524
55	65	86 450	9 998,435	126 278,735	12,630	12,165
56	66	85 254	9 480,863	116 280,300	12,265	11,800
57	67	83 950	8 976,812	106 799,436	11,897	11,432
58	68	82 545	8 487,014	97 822,624	11,526	11,061
59	69	81 014	8 009,320	89 335,610	11,154	10,689
60	70	79 363	7 544,252	81 326,290	10,780	10,315
61	71	77 592	7 092,278	73 782,038	10,403	9,938
62	72	75 701	6 653,273	66 689,760	10,024	9,559
63	73	73 689	6 227,349	60 036,487	9,641	9,176
64	74	71 539	5 813,103	53 809,139	9,257	8,792
65	75	69 261	5 411,544	47 996,036	8,869	8,404
66	76	66 881	5 024,640	42 584,492	8,475	8,010
67	77	64 352	4 648,691	37 559,852	8,080	7,615
68	78	61 690	4 285,001	32 911,160	7,681	7,216
69	79	58 846	3 930,245	28 626,160	7,284	6,819
70	80	55 795	3 583,133	24 695,914	6,892	6,427
71	81	52 562	3 245,660	21 112,782	6,505	6,040
72	82	49 079	2 914,035	17 867,122	6,131	5,667
73	83	45 434	2 593,856	14 953,087	5,765	5,300
74	84	41 625	2 285,019	12 359,231	5,409	4,944
75	85	37 703	1 990,114	10 074,212	5,062	4,597
76	86	33 662	1 708,461	8 084,098	4,732	4,267
77	87	29 585	1 443,794	6 375,638	4,416	3,951
78	88	25 545	1 198,663	4 931,844	4,114	3,650
79	89	21 598	974,514	3 733,181	3,831	3,366
80	90	17 852	774,505	2 758,667	3,562	3,097
81	91	14 361	599,067	1 984,161	3,312	2,847
82	92	11 182	448,523	1 385,095	3,088	2,623
83	93	8 425	324,949	936,571	2,882	2,417
84	94	6 122	227,022	611,622	2,694	2,229
85	95	4 279	152,588	384,600	2,521	2,056
86	96	2 863	98,156	232,011	2,364	1,899
87	97	1 804	59,485	133,855	2,250	1,785
88	98	1 098	34,797	74,371	2,137	1,672
89	99	642	19,565	39,573	2,023	1,558
90	100	355	10,414	20,009	1,921	1,457

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	11	99 601	99 601,371	2 376 850,125	23,864	23,399
1	12	99 239	95 422,010	2 277 248,754	23,865	23,400
2	13	99 204	91 719,368	2 181 826,745	23,788	23,323
3	14	99 179	88 169,625	2 090 107,377	23,706	23,241
4	15	99 159	84 761,433	2 001 937,752	23,618	23,154
5	16	99 136	81 482,781	1 917 176,319	23,529	23,064
6	17	99 112	78 329,421	1 835 693,538	23,436	22,971
7	18	99 089	75 299,650	1 757 364,117	23,338	22,873
8	19	99 061	72 383,010	1 682 064,467	23,238	22,774
9	20	99 035	69 580,931	1 609 681,457	23,134	22,669
10	21	99 009	66 887,020	1 540 100,526	23,025	22,561
11	22	98 985	64 298,742	1 473 213,505	22,912	22,447
12	23	98 961	61 810,864	1 408 914,763	22,794	22,329
13	24	98 937	59 418,736	1 347 103,900	22,671	22,207
14	25	98 909	57 117,642	1 287 685,163	22,544	22,080
15	26	98 877	54 902,913	1 230 567,521	22,414	21,949
16	27	98 843	52 772,890	1 175 664,607	22,278	21,813
17	28	98 797	50 719,689	1 122 891,718	22,139	21,674
18	29	98 746	48 744,044	1 072 172,028	21,996	21,531
19	30	98 683	46 839,190	1 023 427,984	21,850	21,385
20	31	98 613	45 005,496	976 588,794	21,699	21,235
21	32	98 539	43 242,245	931 583,299	21,543	21,079
22	33	98 465	41 547,991	888 341,053	21,381	20,916
23	34	98 385	39 917,479	846 793,062	21,214	20,749
24	35	98 305	38 350,896	806 875,583	21,039	20,574
25	36	98 218	36 843,160	768 524,687	20,859	20,395
26	37	98 130	35 394,366	731 681,527	20,672	20,207
27	38	98 038	34 001,281	696 287,161	20,478	20,013
28	39	97 934	32 658,727	662 285,881	20,279	19,814
29	40	97 828	31 368,528	629 627,153	20,072	19,607
30	41	97 709	30 125,641	598 258,625	19,859	19,394
31	42	97 582	28 929,270	568 132,984	19,639	19,174
32	43	97 445	27 777,408	539 203,715	19,412	18,947
33	44	97 295	26 667,874	511 426,307	19,178	18,713
34	45	97 129	25 598,555	484 758,433	18,937	18,472
35	46	96 942	24 566,715	459 159,878	18,690	18,226
36	47	96 747	23 574,153	434 593,163	18,435	17,970
37	48	96 531	22 616,939	411 019,010	18,173	17,708
38	49	96 283	21 691,116	388 402,071	17,906	17,441
39	50	96 012	20 798,154	366 710,955	17,632	17,167
40	51	95 727	19 938,928	345 912,801	17,349	16,884
41	52	95 404	19 107,287	325 973,873	17,060	16,595
42	53	95 054	18 305,081	306 866,586	16,764	16,299
43	54	94 674	17 530,552	288 561,505	16,460	15,996
44	55	94 255	16 781,728	271 030,953	16,150	15,686
45	56	93 780	16 054,989	254 249,225	15,836	15,371
46	57	93 262	15 352,141	238 194,236	15,515	15,051
47	58	92 693	14 671,705	222 842,095	15,189	14,724
48	59	92 071	14 012,790	208 170,390	14,856	14,391
49	60	91 395	13 374,812	194 157,600	14,517	14,052
50	61	90 642	12 754,536	180 782,788	14,174	13,709
51	62	89 827	12 153,709	168 028,252	13,825	13,360
52	63	88 946	11 571,573	155 874,543	13,470	13,006
53	64	87 980	11 005,660	144 302,970	13,112	12,647
54	65	86 912	10 453,949	133 297,310	12,751	12,286
55	66	85 761	9 918,743	122 843,362	12,385	11,920
56	67	84 507	9 397,791	112 924,618	12,016	11,551
57	68	83 154	8 891,692	103 526,827	11,643	11,178
58	69	81 681	8 398,192	94 635,136	11,269	10,804
59	70	80 078	7 916,775	86 236,943	10,893	10,428
60	71	78 363	7 449,204	78 320,168	10,514	10,049
61	72	76 529	6 995,101	70 870,964	10,132	9,667
62	73	74 580	6 554,714	63 875,864	9,745	9,280
63	74	72 479	6 125,119	57 321,150	9,358	8,894
64	75	70 262	5 709,378	51 196,030	8,967	8,502
65	76	67 929	5 307,473	45 486,652	8,570	8,105
66	77	65 439	4 916,279	40 179,179	8,173	7,708
67	78	62 821	4 538,069	35 262,900	7,770	7,306
68	79	59 997	4 167,386	30 724,831	7,373	6,908
69	80	56 998	3 806,779	26 557,445	6,976	6,512
70	81	53 761	3 452,486	22 750,666	6,590	6,125
71	82	50 319	3 107,155	19 298,180	6,211	5,746
72	83	46 655	2 770,143	16 191,025	5,845	5,380
73	84	42 857	2 446,754	13 420,882	5,485	5,020
74	85	38 913	2 136,120	10 974,127	5,137	4,673
75	86	34 833	1 838,617	8 838,008	4,807	4,342
76	87	30 727	1 559,517	6 999,391	4,488	4,023
77	88	26 628	1 299,493	5 439,874	4,186	3,721
78	89	22 627	1 061,773	4 140,380	3,899	3,435
79	90	18 801	848,297	3 078,607	3,629	3,164
80	91	15 219	660,284	2 230,310	3,378	2,913
81	92	11 953	498,642	1 570,026	3,149	2,684
82	93	9 085	364,424	1 071,383	2,940	2,475
83	94	6 665	257,043	706,959	2,750	2,286
84	95	4 713	174,770	449,916	2,574	2,110
85	96	3 197	114,018	275,146	2,413	1,948
86	97	2 045	70,117	161,129	2,298	1,833
87	98	1 265	41,698	91,011	2,183	1,718
88	99	754	23,902	49,313	2,063	1,598
89	100	426	12,972	25,412	1,959	1,494

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 594	99 593,669	2 371 610,515	23,813	23,348
1	13	99 231	95 414,517	2 272 016,846	23,812	23,347
2	14	99 194	91 710,727	2 176 602,330	23,733	23,269
3	15	99 170	88 161,495	2 084 891,603	23,649	23,184
4	16	99 147	84 751,121	1 996 730,108	23,560	23,095
5	17	99 122	81 470,783	1 911 978,987	23,468	23,003
6	18	99 098	78 318,756	1 830 508,205	23,373	22,908
7	19	99 070	75 284,815	1 752 189,449	23,274	22,809
8	20	99 044	72 370,358	1 676 904,634	23,171	22,706
9	21	99 017	69 568,067	1 604 534,276	23,064	22,599
10	22	98 993	66 875,991	1 534 966,209	22,952	22,488
11	23	98 969	64 288,274	1 468 090,218	22,836	22,371
12	24	98 943	61 799,740	1 403 801,944	22,715	22,251
13	25	98 919	59 408,044	1 342 002,205	22,590	22,125
14	26	98 890	57 106,777	1 282 594,160	22,460	21,995
15	27	98 858	54 892,581	1 225 487,383	22,325	21,860
16	28	98 821	52 761,534	1 170 594,802	22,187	21,722
17	29	98 774	50 707,738	1 117 833,268	22,045	21,580
18	30	98 721	48 731,430	1 067 125,530	21,898	21,433
19	31	98 652	46 824,336	1 018 394,100	21,749	21,284
20	32	98 582	44 991,364	971 569,764	21,595	21,130
21	33	98 505	43 227,429	926 578,400	21,435	20,970
22	34	98 430	41 533,020	883 350,971	21,269	20,804
23	35	98 345	39 901,273	841 817,950	21,098	20,633
24	36	98 264	38 335,090	801 916,678	20,919	20,454
25	37	98 173	36 826,267	763 581,587	20,735	20,270
26	38	98 083	35 377,565	726 755,320	20,543	20,078
27	39	97 979	33 980,770	691 377,755	20,346	19,881
28	40	97 875	32 639,094	657 396,985	20,141	19,677
29	41	97 760	31 347,019	624 757,891	19,930	19,466
30	42	97 637	30 103,340	593 410,872	19,712	19,248
31	43	97 505	28 906,307	563 307,532	19,487	19,023
32	44	97 356	27 752,184	534 401,225	19,256	18,791
33	45	97 200	26 641,991	506 649,041	19,017	18,552
34	46	97 017	25 569,060	480 007,050	18,773	18,308
35	47	96 824	24 536,804	454 437,990	18,521	18,056
36	48	96 614	23 541,850	429 901,186	18,261	17,796
37	49	96 377	22 580,886	406 359,336	17,996	17,531
38	50	96 115	21 653,198	383 778,450	17,724	17,259
39	51	95 834	20 759,611	362 125,251	17,444	16,979
40	52	95 522	19 896,205	341 365,641	17,157	16,693
41	53	95 181	19 062,710	321 469,436	16,864	16,399
42	54	94 810	18 258,080	302 406,726	16,563	16,098
43	55	94 400	17 479,912	284 148,646	16,256	15,791
44	56	93 949	16 727,264	266 668,734	15,942	15,477
45	57	93 445	15 997,561	249 941,470	15,624	15,159
46	58	92 896	15 291,897	233 943,910	15,299	14,834
47	59	92 290	14 607,892	218 652,013	14,968	14,503
48	60	91 638	13 946,841	204 044,121	14,630	14,165
49	61	90 913	13 304,247	190 097,280	14,288	13,824
50	62	90 127	12 682,015	176 793,033	13,940	13,476
51	63	89 276	12 079,153	164 111,018	13,586	13,121
52	64	88 346	11 493,478	152 031,865	13,228	12,763
53	65	87 322	10 923,418	140 538,388	12,866	12,401
54	66	86 219	10 370,626	129 614,970	12,498	12,033
55	67	85 010	9 831,834	119 244,343	12,128	11,664
56	68	83 706	9 308,679	109 412,509	11,754	11,289
57	69	82 284	8 798,634	100 103,830	11,377	10,912
58	70	80 737	8 301,154	91 305,196	10,999	10,534
59	71	79 070	7 817,034	83 004,042	10,618	10,154
60	72	77 289	7 347,136	75 187,008	10,234	9,769
61	73	75 396	6 891,478	67 839,872	9,844	9,379
62	74	73 355	6 447,111	60 948,393	9,454	8,989
63	75	71 186	6 015,828	54 501,283	9,060	8,595
64	76	68 911	5 599,579	48 485,455	8,659	8,194
65	77	66 464	5 193,012	42 885,875	8,258	7,794
66	78	63 882	4 799,289	37 692,863	7,854	7,389
67	79	61 097	4 413,508	32 893,575	7,453	6,988
68	80	58 112	4 036,470	28 480,067	7,056	6,591
69	81	54 920	3 667,978	24 443,597	6,664	6,199
70	82	51 467	3 305,155	20 775,619	6,286	5,821
71	83	47 834	2 953,727	17 470,464	5,915	5,450
72	84	44 010	2 613,044	14 516,737	5,555	5,091
73	85	40 065	2 287,316	11 903,692	5,204	4,739
74	86	35 951	1 973,508	9 616,376	4,873	4,408
75	87	31 796	1 678,326	7 642,868	4,554	4,089
76	88	27 656	1 403,651	5 964,541	4,249	3,784
77	89	23 587	1 151,088	4 560,891	3,962	3,497
78	90	19 697	924,254	3 409,803	3,689	3,224
79	91	16 028	723,194	2 485,548	3,437	2,972
80	92	12 668	549,598	1 762,354	3,207	2,742
81	93	9 712	405,146	1 212,756	2,993	2,529
82	94	7 187	288,269	807,610	2,802	2,337
83	95	5 131	197,881	519,341	2,625	2,160
84	96	3 521	130,592	321,461	2,462	1,997
85	97	2 284	81,448	190,869	2,343	1,879
86	98	1 434	49,151	109,421	2,226	1,761
87	99	869	28,641	60,270	2,104	1,639
88	100	500	15,848	31,628	1,996	1,531

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 586	99 585,848	2 366 058,696	23,759	23,294
1	14	99 222	95 405,527	2 266 472,848	23,756	23,291
2	15	99 185	91 702,270	2 171 067,321	23,675	23,210
3	16	99 158	88 150,769	2 079 365,050	23,589	23,124
4	17	99 132	84 738,641	1 991 214,282	23,498	23,033
5	18	99 108	81 459,689	1 906 475,640	23,404	22,939
6	19	99 079	78 303,326	1 825 015,951	23,307	22,842
7	20	99 052	75 271,656	1 746 712,625	23,205	22,741
8	21	99 026	72 356,978	1 671 440,970	23,100	22,635
9	22	99 001	69 556,596	1 599 083,992	22,990	22,525
10	23	98 977	66 865,103	1 529 527,396	22,875	22,410
11	24	98 951	64 276,704	1 462 662,293	22,756	22,291
12	25	98 926	61 788,620	1 398 385,589	22,632	22,167
13	26	98 900	59 396,744	1 336 596,969	22,503	22,038
14	27	98 872	57 096,030	1 277 200,225	22,369	21,905
15	28	98 837	54 880,769	1 220 104,195	22,232	21,767
16	29	98 798	52 749,101	1 165 223,426	22,090	21,625
17	30	98 748	50 694,616	1 112 474,325	21,945	21,480
18	31	98 690	48 715,976	1 061 779,709	21,795	21,330
19	32	98 621	46 809,633	1 013 063,733	21,642	21,177
20	33	98 548	44 975,949	966 254,100	21,484	21,019
21	34	98 470	43 211,853	921 278,151	21,320	20,855
22	35	98 390	41 516,158	878 066,298	21,150	20,685
23	36	98 305	39 884,828	836 550,140	20,974	20,509
24	37	98 219	38 317,514	796 665,312	20,791	20,326
25	38	98 126	36 808,787	758 347,798	20,602	20,138
26	39	98 024	35 356,224	721 539,011	20,408	19,943
27	40	97 920	33 960,342	686 182,787	20,205	19,741
28	41	97 808	32 616,714	652 222,445	19,997	19,532
29	42	97 688	31 323,814	619 605,731	19,781	19,316
30	43	97 560	30 079,445	588 281,917	19,558	19,093
31	44	97 416	28 880,058	558 202,472	19,328	18,863
32	45	97 262	27 725,248	529 322,414	19,092	18,627
33	46	97 088	26 611,293	501 597,166	18,849	18,384
34	47	96 899	25 537,929	474 985,873	18,599	18,134
35	48	96 692	24 503,182	449 447,944	18,342	17,878
36	49	96 460	23 504,323	424 944,762	18,079	17,615
37	50	96 209	22 541,413	401 440,439	17,809	17,344
38	51	95 936	21 613,071	378 899,026	17,531	17,066
39	52	95 629	20 715,129	357 285,955	17,248	16,783
40	53	95 299	19 849,788	336 570,826	16,956	16,491
41	54	94 937	19 013,763	316 721,038	16,657	16,193
42	55	94 536	18 205,338	297 707,275	16,353	15,888
43	56	94 094	17 423,182	279 501,937	16,042	15,577
44	57	93 613	16 667,431	262 078,756	15,724	15,259
45	58	93 078	15 934,784	245 411,325	15,401	14,936
46	59	92 492	15 225,386	229 476,540	15,072	14,607
47	60	91 856	14 539,142	214 251,154	14,736	14,271
48	61	91 155	13 873,258	199 712,012	14,395	13,931
49	62	90 396	13 228,601	185 838,755	14,048	13,583
50	63	89 574	12 604,218	172 610,153	13,695	13,230
51	64	88 674	11 997,632	160 005,936	13,336	12,872
52	65	87 685	11 407,591	148 008,304	12,975	12,510
53	66	86 626	10 836,354	136 600,713	12,606	12,141
54	67	85 464	10 279,757	125 764,360	12,234	11,769
55	68	84 204	9 738,607	115 484,602	11,858	11,394
56	69	82 830	9 211,258	105 745,996	11,480	11,015
57	70	81 333	8 696,970	96 534,738	11,100	10,635
58	71	79 720	8 196,570	87 837,769	10,716	10,252
59	72	77 986	7 709,926	79 641,199	10,330	9,865
60	73	76 144	7 238,299	71 931,272	9,938	9,473
61	74	74 158	6 778,347	64 692,974	9,544	9,079
62	75	72 047	6 332,074	57 914,627	9,146	8,681
63	76	69 817	5 900,135	51 582,553	8,743	8,278
64	77	67 425	5 478,819	45 682,418	8,338	7,873
65	78	64 882	5 069,437	40 203,599	7,931	7,466
66	79	62 128	4 667,558	35 134,162	7,527	7,062
67	80	59 177	4 274,860	30 466,604	7,127	6,662
68	81	55 994	3 889,294	26 191,745	6,734	6,269
69	82	52 576	3 511,451	22 302,450	6,351	5,887
70	83	48 925	3 141,950	18 790,999	5,981	5,516
71	84	45 121	2 786,217	15 649,049	5,617	5,152
72	85	41 142	2 442,770	12 862,832	5,266	4,801
73	86	37 015	2 113,195	10 420,062	4,931	4,466
74	87	32 816	1 801,458	8 306,867	4,611	4,146
75	88	28 618	1 510,585	6 505,409	4,307	3,842
76	89	24 498	1 243,351	4 994,824	4,017	3,552
77	90	20 532	1 002,002	3 751,473	3,744	3,279
78	91	16 792	787,949	2 749,471	3,489	3,025
79	92	13 341	601,961	1 961,522	3,259	2,794
80	93	10 293	446,547	1 359,561	3,045	2,580
81	94	7 683	320,481	913,013	2,849	2,384
82	95	5 533	221,920	592,533	2,670	2,205
83	96	3 834	147,861	370,613	2,506	2,042
84	97	2 516	93,288	222,752	2,388	1,923
85	98	1 601	57,094	129,464	2,268	1,803
86	99	985	33,761	72,370	2,144	1,679
87	100	576	18,990	38,609	2,033	1,568

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	14	99 576	99 576,466	2 360 184,204	23,702	23,237
1	15	99 213	95 396,730	2 260 607,738	23,697	23,232
2	16	99 173	91 691,113	2 165 211,008	23,614	23,149
3	17	99 143	88 137,789	2 073 519,895	23,526	23,061
4	18	99 119	84 727,103	1 985 382,106	23,433	22,968
5	19	99 089	81 443,640	1 900 655,003	23,337	22,872
6	20	99 061	78 289,639	1 819 211,362	23,237	22,772
7	21	99 034	75 257,740	1 740 921,723	23,133	22,668
8	22	99 009	72 345,046	1 665 663,984	23,024	22,559
9	23	98 985	69 545,271	1 593 318,937	22,911	22,446
10	24	98 959	66 853,070	1 523 773,666	22,793	22,328
11	25	98 933	64 265,138	1 456 920,597	22,670	22,206
12	26	98 907	61 776,866	1 392 655,458	22,543	22,078
13	27	98 881	59 385,565	1 330 878,592	22,411	21,946
14	28	98 851	57 083,744	1 271 493,027	22,274	21,809
15	29	98 814	54 867,837	1 214 409,283	22,133	21,669
16	30	98 773	52 735,451	1 159 541,446	21,988	21,523
17	31	98 717	50 678,539	1 106 805,995	21,840	21,375
18	32	98 659	48 700,680	1 056 127,455	21,686	21,221
19	33	98 587	46 793,595	1 007 426,776	21,529	21,064
20	34	98 512	44 959,742	960 633,181	21,367	20,902
21	35	98 430	43 194,309	915 673,439	21,199	20,734
22	36	98 349	41 499,048	872 479,130	21,024	20,559
23	37	98 260	39 866,541	830 980,082	20,844	20,379
24	38	98 173	38 299,326	791 113,541	20,656	20,191
25	39	98 067	36 786,582	752 814,215	20,464	20,000
26	40	97 965	35 334,970	716 027,633	20,264	19,799
27	41	97 853	33 937,056	680 692,663	20,058	19,593
28	42	97 735	32 592,569	646 755,607	19,844	19,379
29	43	97 611	31 298,950	614 163,038	19,622	19,158
30	44	97 471	30 052,131	582 864,088	19,395	18,930
31	45	97 322	28 852,028	552 811,957	19,160	18,695
32	46	97 150	27 693,302	523 959,929	18,920	18,455
33	47	96 970	26 578,893	496 266,627	18,671	18,207
34	48	96 766	25 502,934	469 687,733	18,417	17,952
35	49	96 538	24 464,122	444 184,799	18,157	17,692
36	50	96 292	23 463,236	419 720,677	17,888	17,424
37	51	96 030	22 499,639	396 257,441	17,612	17,147
38	52	95 731	21 566,761	373 757,802	17,330	16,865
39	53	95 406	20 666,801	352 191,041	17,041	16,577
40	54	95 055	19 798,820	331 524,240	16,745	16,280
41	55	94 663	18 958,838	311 725,420	16,442	15,977
42	56	94 230	18 146,253	292 766,581	16,134	15,669
43	57	93 757	17 360,860	274 620,328	15,818	15,354
44	58	93 246	16 602,026	257 259,469	15,496	15,031
45	59	92 673	15 865,477	240 657,443	15,169	14,704
46	60	92 056	15 153,730	224 791,965	14,834	14,369
47	61	91 371	14 462,434	209 638,235	14,495	14,031
48	62	90 636	13 794,376	195 175,802	14,149	13,684
49	63	89 841	13 147,451	181 381,425	13,796	13,331
50	64	88 970	12 519,153	168 233,974	13,438	12,973
51	65	88 011	11 907,977	155 714,821	13,077	12,612
52	66	86 987	11 316,667	143 806,844	12,708	12,243
53	67	85 867	10 741,404	132 490,177	12,335	11,870
54	68	84 654	10 182,283	121 748,772	11,957	11,492
55	69	83 322	9 636,686	111 566,490	11,577	11,112
56	70	81 873	9 104,825	101 929,804	11,195	10,730
57	71	80 309	8 587,398	92 824,979	10,809	10,345
58	72	78 627	8 084,262	84 237,581	10,420	9,955
59	73	76 831	7 595,715	76 153,319	10,026	9,561
60	74	74 894	7 119,474	68 557,604	9,630	9,165
61	75	72 835	6 657,399	61 438,130	9,229	8,764
62	76	70 661	6 210,299	54 780,731	8,821	8,356
63	77	68 312	5 772,893	48 570,432	8,414	7,949
64	78	65 820	5 348,442	42 797,538	8,002	7,537
65	79	63 101	4 930,291	37 449,096	7,596	7,131
66	80	60 177	4 520,929	32 518,805	7,193	6,728
67	81	57 020	4 118,992	27 997,876	6,797	6,332
68	82	53 604	3 723,323	23 878,884	6,413	5,949
69	83	49 980	3 338,059	20 155,561	6,038	5,573
70	84	46 151	2 963,766	16 817,502	5,674	5,210
71	85	42 181	2 604,658	13 853,736	5,319	4,854
72	86	38 010	2 256,815	11 249,078	4,984	4,520
73	87	33 788	1 928,967	8 992,263	4,662	4,197
74	88	29 537	1 621,410	7 063,296	4,356	3,891
75	89	25 350	1 338,073	5 441,886	4,067	3,602
76	90	21 325	1 082,315	4 103,813	3,792	3,327
77	91	17 504	854,230	3 021,498	3,537	3,072
78	92	13 977	655,862	2 167,268	3,304	2,840
79	93	10 840	489,093	1 511,406	3,090	2,625
80	94	8 142	353,230	1 022,313	2,894	2,429
81	95	5 914	246,717	669,083	2,712	2,247
82	96	4 134	165,823	422,366	2,547	2,082
83	97	2 739	105,624	256,542	2,429	1,964
84	98	1 763	65,393	150,918	2,308	1,843
85	99	1 100	39,217	85,525	2,181	1,716
86	100	653	22,385	46,308	2,069	1,604

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 567	99 567,285	2 353 977,830	23,642	23,177
1	16	99 201	95 385,124	2 254 410,546	23,635	23,170
2	17	99 159	91 677,612	2 159 025,422	23,550	23,085
3	18	99 130	88 125,788	2 067 347,810	23,459	22,994
4	19	99 099	84 710,410	1 979 222,022	23,365	22,900
5	20	99 071	81 429,405	1 894 511,612	23,266	22,801
6	21	99 043	78 275,165	1 813 082,207	23,163	22,698
7	22	99 018	75 245,330	1 734 807,042	23,055	22,591
8	23	98 993	72 333,268	1 659 561,712	22,943	22,478
9	24	98 967	69 532,756	1 587 228,444	22,827	22,362
10	25	98 941	66 841,040	1 517 695,689	22,706	22,241
11	26	98 914	64 252,914	1 450 854,649	22,580	22,116
12	27	98 888	61 765,240	1 386 601,735	22,450	21,985
13	28	98 860	59 372,787	1 324 836,495	22,314	21,849
14	29	98 827	57 070,293	1 265 463,708	22,174	21,709
15	30	98 788	54 853,639	1 208 393,416	22,029	21,565
16	31	98 741	52 718,727	1 153 539,777	21,881	21,416
17	32	98 686	50 662,626	1 100 821,050	21,728	21,264
18	33	98 625	48 683,993	1 050 158,424	21,571	21,106
19	34	98 552	46 776,734	1 001 474,430	21,410	20,945
20	35	98 472	44 941,489	954 697,697	21,243	20,778
21	36	98 389	43 176,507	909 756,208	21,071	20,606
22	37	98 304	41 480,021	866 579,701	20,891	20,427
23	38	98 213	39 847,618	825 099,680	20,706	20,242
24	39	98 114	38 276,222	785 252,062	20,515	20,051
25	40	98 008	36 764,468	746 975,840	20,318	19,853
26	41	97 898	35 310,741	710 211,372	20,113	19,648
27	42	97 781	33 911,933	674 900,631	19,902	19,437
28	43	97 658	32 566,698	640 988,698	19,682	19,218
29	44	97 522	31 270,529	608 422,000	19,457	18,992
30	45	97 376	30 022,963	577 151,471	19,224	18,759
31	46	97 210	28 818,783	547 128,508	18,985	18,520
32	47	97 031	27 659,585	518 309,724	18,739	18,274
33	48	96 837	26 542,472	490 650,139	18,485	18,021
34	49	96 612	25 462,281	464 107,667	18,227	17,762
35	50	96 369	24 421,357	438 645,385	17,962	17,497
36	51	96 113	23 419,754	414 224,028	17,687	17,222
37	52	95 825	22 451,430	390 804,275	17,407	16,942
38	53	95 507	21 516,446	368 352,845	17,120	16,655
39	54	95 161	20 613,736	346 836,399	16,825	16,361
40	55	94 780	19 741,627	326 222,663	16,525	16,060
41	56	94 355	18 897,309	306 481,036	16,218	15,753
42	57	93 893	18 081,345	287 583,728	15,905	15,440
43	58	93 389	17 292,733	269 502,383	15,585	15,120
44	59	92 840	16 529,817	252 209,649	15,258	14,793
45	60	92 237	15 790,809	235 679,833	14,925	14,460
46	61	91 571	15 073,779	219 889,024	14,588	14,123
47	62	90 851	14 380,202	204 815,244	14,243	13,778
48	63	90 080	13 709,755	190 435,042	13,890	13,426
49	64	89 235	13 058,720	176 725,287	13,533	13,068
50	65	88 305	12 425,602	163 666,567	13,172	12,707
51	66	87 310	11 813,065	151 240,965	12,803	12,338
52	67	86 224	11 217,509	139 427,899	12,429	11,965
53	68	85 053	10 639,552	128 210,390	12,050	11,586
54	69	83 768	10 075,718	117 570,838	11,669	11,204
55	70	82 360	9 525,337	107 495,120	11,285	10,820
56	71	80 841	8 990,115	97 969,783	10,898	10,433
57	72	79 208	8 469,736	88 979,667	10,506	10,041
58	73	77 463	7 964,505	80 509,932	10,109	9,644
59	74	75 570	7 471,022	72 545,426	9,710	9,245
60	75	73 558	6 992,440	65 074,404	9,306	8,842
61	76	71 434	6 529,368	58 081,964	8,895	8,431
62	77	69 137	6 076,368	51 552,596	8,484	8,019
63	78	66 686	5 635,519	45 476,228	8,070	7,605
64	79	64 014	5 201,638	39 840,709	7,659	7,194
65	80	61 119	4 775,408	34 639,071	7,254	6,789
66	81	57 983	4 356,089	29 863,662	6,856	6,391
67	82	54 586	3 943,219	25 507,573	6,469	6,004
68	83	50 957	3 539,469	21 564,355	6,093	5,628
69	84	47 145	3 148,753	18 024,885	5,724	5,260
70	85	43 143	2 770,637	14 876,132	5,369	4,904
71	86	38 970	2 406,379	12 105,495	5,031	4,566
72	87	34 696	2 060,066	9 699,115	4,708	4,243
73	88	30 411	1 736,175	7 639,049	4,400	3,935
74	89	26 163	1 436,242	5 902,874	4,110	3,645
75	90	22 067	1 164,769	4 466,632	3,835	3,370
76	91	18 180	922,699	3 301,863	3,578	3,114
77	92	14 570	711,032	2 379,164	3,346	2,881
78	93	11 356	532,886	1 668,132	3,130	2,666
79	94	8 575	386,885	1 135,246	2,934	2,470
80	95	6 268	271,929	748,361	2,752	2,287
81	96	4 419	184,353	476,432	2,584	2,120
82	97	2 953	118,455	292,079	2,466	2,001
83	98	1 920	74,041	173,624	2,345	1,880
84	99	1 211	44,917	99,583	2,217	1,752
85	100	729	26,002	54,666	2,102	1,638

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 555	99 555,170	2 347 428,284	23,579	23,114
1	17	99 186	95 371,079	2 247 873,114	23,570	23,105
2	18	99 145	91 665,129	2 152 502,035	23,482	23,017
3	19	99 110	88 108,425	2 060 836,906	23,390	22,925
4	20	99 082	84 695,604	1 972 728,481	23,292	22,827
5	21	99 053	81 414,350	1 888 032,877	23,190	22,726
6	22	99 027	78 262,258	1 806 618,527	23,084	22,619
7	23	99 002	75 233,079	1 728 356,269	22,973	22,509
8	24	98 975	72 320,251	1 653 123,190	22,858	22,394
9	25	98 949	69 520,244	1 580 802,940	22,739	22,274
10	26	98 922	66 828,325	1 511 282,695	22,614	22,150
11	27	98 896	64 240,821	1 444 454,370	22,485	22,020
12	28	98 867	61 751,949	1 380 213,548	22,351	21,886
13	29	98 837	59 358,796	1 318 461,599	22,212	21,747
14	30	98 802	57 055,525	1 259 102,804	22,068	21,603
15	31	98 757	54 836,243	1 202 047,279	21,921	21,456
16	32	98 710	52 702,174	1 147 211,036	21,768	21,303
17	33	98 652	50 645,268	1 094 508,862	21,611	21,146
18	34	98 589	48 666,451	1 043 863,595	21,449	20,985
19	35	98 512	46 757,742	995 197,144	21,284	20,819
20	36	98 432	44 922,967	948 439,401	21,113	20,648
21	37	98 344	43 156,711	903 516,434	20,936	20,471
22	38	98 258	41 460,332	860 359,723	20,751	20,287
23	39	98 154	39 823,580	818 899,392	20,563	20,098
24	40	98 055	38 253,212	779 075,812	20,366	19,901
25	41	97 941	36 739,259	740 822,600	20,164	19,700
26	42	97 825	35 284,602	704 083,341	19,954	19,490
27	43	97 703	33 885,015	668 798,739	19,737	19,272
28	44	97 569	32 537,126	634 913,724	19,514	19,049
29	45	97 427	31 240,178	602 376,598	19,282	18,817
30	46	97 264	29 988,370	571 136,420	19,045	18,580
31	47	97 091	28 783,696	541 148,050	18,801	18,336
32	48	96 898	27 621,683	512 364,354	18,549	18,085
33	49	96 683	26 500,162	484 742,671	18,292	17,827
34	50	96 443	25 417,771	458 242,508	18,028	17,564
35	51	96 190	24 376,100	432 824,737	17,756	17,291
36	52	95 907	23 369,572	408 448,637	17,478	17,013
37	53	95 601	22 399,051	385 079,065	17,192	16,727
38	54	95 262	21 461,199	362 680,014	16,899	16,435
39	55	94 886	20 554,189	341 218,815	16,601	16,136
40	56	94 472	19 677,557	320 664,626	16,296	15,831
41	57	94 018	18 829,714	300 987,070	15,985	15,520
42	58	93 524	18 010,391	282 157,356	15,666	15,202
43	59	92 983	17 217,520	264 146,965	15,342	14,877
44	60	92 403	16 452,022	246 929,445	15,009	14,544
45	61	91 750	15 707,497	230 477,423	14,673	14,208
46	62	91 050	14 988,072	214 769,926	14,329	13,865
47	63	90 294	14 291,988	199 781,854	13,979	13,514
48	64	89 472	13 617,230	185 489,867	13,622	13,157
49	65	88 568	12 961,137	171 872,637	13,261	12,796
50	66	87 601	12 326,564	158 911,500	12,892	12,427
51	67	86 545	11 709,558	146 584,936	12,518	12,054
52	68	85 407	11 111,142	134 875,378	12,139	11,674
53	69	84 163	10 528,202	123 764,236	11,755	11,291
54	70	82 800	9 959,297	113 236,034	11,370	10,905
55	71	81 322	9 405,330	103 276,737	10,981	10,516
56	72	79 733	8 866,935	93 871,407	10,587	10,122
57	73	78 035	8 344,268	85 004,472	10,187	9,722
58	74	76 191	7 833,759	76 660,204	9,786	9,321
59	75	74 221	7 337,715	68 826,445	9,380	8,915
60	76	72 143	6 857,965	61 488,730	8,966	8,501
61	77	69 893	6 388,556	54 630,764	8,551	8,087
62	78	67 492	5 931,772	48 242,208	8,133	7,668
63	79	64 856	5 480,835	42 310,435	7,720	7,255
64	80	62 003	5 038,232	36 829,600	7,310	6,845
65	81	58 891	4 601,290	31 791,369	6,909	6,444
66	82	55 508	4 170,198	27 190,079	6,520	6,055
67	83	51 891	3 748,507	23 019,881	6,141	5,676
68	84	48 067	3 338,741	19 271,375	5,772	5,307
69	85	44 073	2 943,570	15 932,634	5,413	4,948
70	86	39 859	2 559,724	12 989,063	5,074	4,610
71	87	35 573	2 196,591	10 429,340	4,748	4,283
72	88	31 228	1 854,172	8 232,748	4,440	3,975
73	89	26 938	1 537,901	6 378,577	4,148	3,683
74	90	22 775	1 250,223	4 840,676	3,872	3,407
75	91	18 813	992,993	3 590,453	3,616	3,151
76	92	15 132	768,023	2 597,460	3,382	2,917
77	93	11 838	577,712	1 829,437	3,167	2,702
78	94	8 983	421,527	1 251,725	2,970	2,505
79	95	6 601	297,837	830,198	2,787	2,323
80	96	4 684	203,192	532,361	2,620	2,155
81	97	3 157	131,692	329,169	2,500	2,035
82	98	2 070	83,035	197,477	2,378	1,913
83	99	1 319	50,857	114,442	2,250	1,785
84	100	803	29,782	63,585	2,135	1,670

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 541	99 540,511	2 340 527,177	23,513	23,048
1	18	99 172	95 358,092	2 240 986,665	23,501	23,036
2	19	99 125	91 647,069	2 145 628,573	23,412	22,947
3	20	99 093	88 093,025	2 053 981,504	23,316	22,851
4	21	99 064	84 679,945	1 965 888,479	23,216	22,751
5	22	99 037	81 400,925	1 881 208,533	23,110	22,646
6	23	99 011	78 249,516	1 799 807,608	23,001	22,536
7	24	98 984	75 219,540	1 721 558,092	22,887	22,422
8	25	98 957	72 307,237	1 646 338,553	22,769	22,304
9	26	98 930	69 507,020	1 574 031,315	22,646	22,181
10	27	98 904	66 815,749	1 504 524,295	22,518	22,053
11	28	98 875	64 226,998	1 437 708,547	22,385	21,920
12	29	98 844	61 737,398	1 373 481,549	22,247	21,782
13	30	98 811	59 343,436	1 311 744,151	22,104	21,639
14	31	98 770	57 037,431	1 252 400,716	21,958	21,493
15	32	98 726	54 819,024	1 195 363,285	21,806	21,341
16	33	98 676	52 684,116	1 140 544,261	21,649	21,184
17	34	98 616	50 627,019	1 087 860,144	21,488	21,023
18	35	98 549	48 646,692	1 037 233,126	21,322	20,857
19	36	98 471	46 738,472	988 586,433	21,151	20,687
20	37	98 387	44 902,370	941 847,961	20,975	20,511
21	38	98 297	43 136,226	896 945,591	20,793	20,329
22	39	98 198	41 435,321	853 809,365	20,606	20,141
23	40	98 095	39 799,640	812 374,044	20,412	19,947
24	41	97 987	38 226,982	772 574,404	20,210	19,745
25	42	97 868	36 712,062	734 347,422	20,003	19,538
26	43	97 748	35 256,594	697 635,360	19,787	19,323
27	44	97 614	33 854,246	662 378,766	19,566	19,101
28	45	97 474	32 505,546	628 524,520	19,336	18,871
29	46	97 315	31 204,182	596 018,974	19,101	18,636
30	47	97 146	29 951,859	564 814,792	18,857	18,393
31	48	96 958	28 744,254	534 862,934	18,608	18,143
32	49	96 744	27 577,653	506 118,680	18,352	17,888
33	50	96 514	26 453,838	478 541,027	18,090	17,625
34	51	96 264	25 370,667	452 087,189	17,819	17,354
35	52	95 984	24 323,869	426 716,522	17,543	17,078
36	53	95 683	23 315,052	402 392,653	17,259	16,794
37	54	95 356	22 341,538	379 077,601	16,967	16,503
38	55	94 987	21 399,204	356 736,063	16,671	16,206
39	56	94 578	20 487,481	335 336,859	16,368	15,903
40	57	94 134	19 607,171	314 849,378	16,058	15,593
41	58	93 649	18 755,823	295 242,207	15,741	15,277
42	59	93 117	17 932,057	276 486,384	15,419	14,954
43	60	92 546	17 136,488	258 554,327	15,088	14,623
44	61	91 916	16 365,221	241 417,839	14,752	14,287
45	62	91 229	15 618,186	225 052,617	14,410	13,945
46	63	90 491	14 896,128	209 434,431	14,060	13,595
47	64	89 685	14 195,533	194 538,303	13,704	13,239
48	65	88 804	13 515,473	180 342,771	13,343	12,879
49	66	87 862	12 857,831	166 827,298	12,975	12,510
50	67	86 833	12 218,557	153 969,467	12,601	12,136
51	68	85 724	11 598,525	141 750,910	12,221	11,757
52	69	84 513	10 994,857	130 152,384	11,838	11,373
53	70	83 191	10 406,553	119 157,528	11,450	10,985
54	71	81 757	9 833,822	108 750,975	11,059	10,594
55	72	80 208	9 276,460	98 917,153	10,663	10,198
56	73	78 552	8 735,584	89 640,693	10,262	9,797
57	74	76 754	8 207,288	80 905,109	9,858	9,393
58	75	74 832	7 693,980	72 697,821	9,449	8,984
59	76	72 794	7 196,601	65 003,842	9,033	8,568
60	77	70 587	6 710,067	57 807,241	8,615	8,150
61	78	68 230	6 236,531	51 097,174	8,193	7,728
62	79	65 639	5 768,957	44 860,643	7,776	7,311
63	80	62 818	5 308,657	39 091,686	7,364	6,899
64	81	59 742	4 854,530	33 783,028	6,959	6,494
65	82	56 378	4 404,935	28 928,498	6,567	6,102
66	83	52 767	3 964,278	24 523,563	6,186	5,721
67	84	48 948	3 535,924	20 559,285	5,814	5,350
68	85	44 935	3 121,178	17 023,362	5,454	4,989
69	86	40 718	2 719,492	13 902,184	5,112	4,647
70	87	36 384	2 336,567	11 182,692	4,786	4,321
71	88	32 017	1 977,052	8 846,125	4,474	4,010
72	89	27 662	1 642,422	6 869,073	4,182	3,717
73	90	23 449	1 338,715	5 226,651	3,904	3,439
74	91	19 416	1 065,845	3 887,937	3,648	3,183
75	92	15 659	826,533	2 822,092	3,414	2,950
76	93	12 295	624,017	1 995,558	3,198	2,733
77	94	9 364	456,985	1 371,541	3,001	2,536
78	95	6 915	324,506	914,556	2,818	2,353
79	96	4 932	222,551	590,050	2,651	2,186
80	97	3 346	145,149	367,499	2,532	2,067
81	98	2 213	92,314	222,350	2,409	1,944
82	99	1 422	57,035	130,036	2,280	1,815
83	100	874	33,720	73,001	2,165	1,700

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 527	99 526,958	2 333 265,458	23,444	22,979
1	19	99 153	95 339,305	2 233 738,501	23,429	22,965
2	20	99 108	91 631,050	2 138 399,195	23,337	22,872
3	21	99 074	88 076,738	2 046 768,145	23,238	22,774
4	22	99 047	84 665,982	1 958 691,407	23,134	22,670
5	23	99 021	81 387,672	1 874 025,425	23,026	22,561
6	24	98 993	78 235,434	1 792 637,752	22,913	22,449
7	25	98 966	75 206,005	1 714 402,319	22,796	22,331
8	26	98 939	72 293,483	1 639 196,314	22,674	22,209
9	27	98 912	69 493,939	1 566 902,831	22,547	22,083
10	28	98 882	66 801,371	1 497 408,892	22,416	21,951
11	29	98 851	64 211,863	1 430 607,521	22,279	21,815
12	30	98 818	61 721,422	1 366 395,658	22,138	21,673
13	31	98 780	59 324,616	1 304 674,236	21,992	21,527
14	32	98 739	57 019,521	1 245 349,620	21,841	21,376
15	33	98 692	54 800,242	1 188 330,099	21,685	21,220
16	34	98 641	52 665,133	1 133 529,857	21,523	21,059
17	35	98 576	50 606,464	1 080 864,725	21,358	20,893
18	36	98 509	48 626,644	1 030 258,260	21,187	20,722
19	37	98 426	46 717,043	981 631,617	21,012	20,547
20	38	98 340	44 881,056	934 914,574	20,831	20,366
21	39	98 238	43 110,204	890 033,518	20,646	20,181
22	40	98 139	41 410,412	846 923,313	20,452	19,987
23	41	98 028	39 772,350	805 512,901	20,253	19,788
24	42	97 915	38 198,684	765 740,552	20,046	19,581
25	43	97 791	36 682,922	727 541,868	19,833	19,368
26	44	97 659	35 224,579	690 858,946	19,613	19,148
27	45	97 520	33 821,387	655 634,367	19,385	18,920
28	46	97 362	32 468,092	621 812,980	19,152	18,687
29	47	97 196	31 166,191	589 344,888	18,910	18,445
30	48	97 013	29 910,815	558 178,697	18,661	18,197
31	49	96 804	28 698,434	528 267,882	18,408	17,943
32	50	96 575	27 529,445	499 569,448	18,147	17,682
33	51	96 335	26 404,814	472 040,002	17,877	17,412
34	52	96 058	25 316,306	445 635,189	17,603	17,138
35	53	95 760	24 267,122	420 318,883	17,321	16,856
36	54	95 438	23 255,186	396 051,761	17,031	16,566
37	55	95 080	22 277,000	372 796,575	16,735	16,270
38	56	94 679	21 329,754	350 519,575	16,433	15,969
39	57	94 239	20 414,198	329 189,821	16,126	15,661
40	58	93 765	19 530,230	308 775,622	15,810	15,345
41	59	93 242	18 674,247	289 245,393	15,489	15,024
42	60	92 679	17 847,662	270 571,146	15,160	14,695
43	61	92 057	17 046,077	252 723,484	14,826	14,361
44	62	91 393	16 272,171	235 677,407	14,483	14,019
45	63	90 669	15 522,377	219 405,237	14,135	13,670
46	64	89 881	14 795,596	203 882,860	13,780	13,315
47	65	89 015	14 089,454	189 087,264	13,420	12,956
48	66	88 096	13 407,748	174 997,810	13,052	12,587
49	67	87 092	12 745,169	161 590,061	12,679	12,214
50	68	86 010	12 102,698	148 844,892	12,298	11,834
51	69	84 827	11 477,139	136 742,194	11,914	11,449
52	70	83 536	10 867,816	125 265,055	11,526	11,061
53	71	82 142	10 275,443	114 397,239	11,133	10,668
54	72	80 636	9 699,081	104 121,796	10,735	10,270
55	73	79 020	9 139,042	94 422,715	10,332	9,867
56	74	77 263	8 592,179	85 283,673	9,926	9,461
57	75	75 384	8 060,844	76 691,494	9,514	9,049
58	76	73 392	7 546,014	68 630,650	9,095	8,630
59	77	71 224	7 041,400	61 084,637	8,675	8,210
60	78	68 908	6 550,391	54 043,237	8,250	7,786
61	79	66 357	6 065,351	47 492,846	7,830	7,365
62	80	63 577	5 587,728	41 427,495	7,414	6,949
63	81	60 528	5 115,096	35 839,767	7,007	6,542
64	82	57 193	4 647,369	30 724,671	6,611	6,146
65	83	53 594	4 187,424	26 077,303	6,228	5,763
66	84	49 775	3 739,458	21 889,879	5,854	5,389
67	85	45 759	3 305,512	18 150,421	5,491	5,026
68	86	41 514	2 883,579	14 844,909	5,148	4,683
69	87	37 168	2 482,407	11 961,330	4,818	4,354
70	88	32 748	2 103,038	9 478,923	4,507	4,042
71	89	28 361	1 751,269	7 375,886	4,212	3,747
72	90	24 079	1 429,699	5 624,617	3,934	3,469
73	91	19 991	1 141,286	4 194,919	3,676	3,211
74	92	16 161	887,173	3 053,632	3,442	2,977
75	93	12 723	671,557	2 166,460	3,226	2,761
76	94	9 726	493,614	1 494,903	3,028	2,564
77	95	7 209	351,803	1 001,289	2,846	2,381
78	96	5 167	242,478	649,486	2,679	2,214
79	97	3 523	158,979	407,008	2,560	2,095
80	98	2 345	101,747	248,029	2,438	1,973
81	99	1 520	63,409	146,282	2,307	1,842
82	100	943	37,816	82,873	2,191	1,727

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 507	99 507,349	2 325 629,946	23,371	22,907
1	20	99 136	95 322,641	2 226 122,597	23,354	22,889
2	21	99 090	91 614,110	2 130 799,956	23,258	22,794
3	22	99 058	88 062,215	2 039 185,846	23,156	22,691
4	23	99 031	84 652,198	1 951 123,631	23,049	22,584
5	24	99 003	81 373,025	1 866 471,434	22,937	22,472
6	25	98 975	78 221,356	1 785 098,408	22,821	22,356
7	26	98 947	75 191,699	1 706 877,052	22,700	22,236
8	27	98 920	72 279,878	1 631 685,353	22,575	22,110
9	28	98 890	69 478,985	1 559 405,475	22,444	21,979
10	29	98 859	66 785,630	1 489 926,491	22,309	21,844
11	30	98 826	64 195,247	1 423 140,861	22,169	21,704
12	31	98 787	61 701,848	1 358 945,614	22,024	21,560
13	32	98 749	59 305,988	1 297 243,765	21,874	21,409
14	33	98 706	56 999,984	1 237 937,777	21,718	21,253
15	34	98 657	54 780,495	1 180 937,793	21,558	21,093
16	35	98 601	52 643,751	1 126 157,298	21,392	20,927
17	36	98 536	50 585,608	1 073 513,547	21,222	20,757
18	37	98 463	48 604,348	1 022 927,939	21,046	20,581
19	38	98 379	46 694,868	974 323,590	20,866	20,401
20	39	98 281	44 853,982	927 628,723	20,681	20,216
21	40	98 179	43 084,289	882 774,741	20,489	20,025
22	41	98 072	41 382,017	839 690,452	20,291	19,826
23	42	97 955	39 742,908	798 308,435	20,087	19,622
24	43	97 837	38 168,363	758 565,527	19,874	19,409
25	44	97 702	36 649,611	720 397,164	19,656	19,192
26	45	97 564	35 190,391	683 747,553	19,430	18,965
27	46	97 407	33 782,417	648 557,162	19,198	18,733
28	47	97 244	32 428,561	614 774,745	18,958	18,493
29	48	97 063	31 123,484	582 346,183	18,711	18,246
30	49	96 858	29 863,136	551 222,700	18,458	17,993
31	50	96 634	28 648,267	521 359,564	18,199	17,734
32	51	96 396	27 478,428	492 711,297	17,931	17,466
33	52	96 128	26 348,236	465 232,869	17,657	17,192
34	53	95 834	25 257,244	438 884,633	17,377	16,912
35	54	95 514	24 204,812	413 627,389	17,089	16,624
36	55	95 162	23 188,009	389 422,577	16,794	16,329
37	56	94 772	22 204,701	366 234,568	16,494	16,029
38	57	94 340	21 253,458	344 029,867	16,187	15,722
39	58	93 870	20 334,090	322 776,409	15,874	15,409
40	59	93 357	19 445,285	302 442,318	15,554	15,089
41	60	92 803	18 586,359	282 997,033	15,226	14,761
42	61	92 190	17 753,498	264 410,675	14,893	14,429
43	62	91 534	16 949,155	246 657,176	14,553	14,088
44	63	90 832	16 172,350	229 708,021	14,204	13,739
45	64	90 057	15 417,618	213 535,671	13,850	13,385
46	65	89 209	14 685,033	198 118,053	13,491	13,026
47	66	88 305	13 977,155	183 433,020	13,124	12,659
48	67	87 324	13 290,268	169 455,865	12,750	12,286
49	68	86 266	12 624,316	156 165,597	12,370	11,905
50	69	85 110	11 976,036	143 541,280	11,986	11,521
51	70	83 847	11 344,525	131 565,245	11,597	11,132
52	71	82 484	10 730,894	120 220,719	11,203	10,738
53	72	81 017	10 134,651	109 489,825	10,804	10,339
54	73	79 442	9 555,403	99 355,174	10,398	9,933
55	74	77 722	8 989,014	89 799,771	9,990	9,525
56	75	75 884	8 438,867	80 810,757	9,576	9,111
57	76	73 935	7 905,822	72 371,890	9,154	8,689
58	77	71 810	7 383,277	64 466,067	8,731	8,267
59	78	69 529	6 873,839	57 082,790	8,304	7,840
60	79	67 016	6 370,596	50 208,951	7,881	7,417
61	80	64 273	5 874,811	43 838,356	7,462	6,997
62	81	61 259	5 383,991	37 963,545	7,051	6,586
63	82	57 945	4 896,815	32 579,553	6,653	6,188
64	83	54 369	4 417,886	27 682,738	6,266	5,801
65	84	50 554	3 949,949	23 264,852	5,890	5,425
66	85	46 531	3 495,783	19 314,903	5,525	5,060
67	86	42 275	3 053,881	15 819,120	5,180	4,715
68	87	37 895	2 632,189	12 765,239	4,850	4,385
69	88	33 454	2 234,301	10 133,051	4,535	4,070
70	89	29 008	1 862,866	7 898,749	4,240	3,775
71	90	24 688	1 524,448	6 035,883	3,959	3,495
72	91	20 528	1 218,852	4 511,435	3,701	3,237
73	92	16 640	949,967	3 292,582	3,466	3,001
74	93	13 131	720,826	2 342,615	3,250	2,785
75	94	10 064	531,219	1 621,789	3,053	2,588
76	95	7 487	380,001	1 090,570	2,870	2,405
77	96	5 387	262,875	710,569	2,703	2,238
78	97	3 691	173,214	447,694	2,585	2,120
79	98	2 470	111,441	274,480	2,463	1,998
80	99	1 611	69,888	163,039	2,333	1,868
81	100	1 008	42,042	93,151	2,216	1,751

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 490	99 489,956	2 317 614,452	23,295	22,830
1	21	99 117	95 305,018	2 218 124,496	23,274	22,809
2	22	99 073	91 599,003	2 122 819,478	23,175	22,710
3	23	99 042	88 047,877	2 031 220,476	23,069	22,605
4	24	99 013	84 636,963	1 943 172,598	22,959	22,494
5	25	98 985	81 358,383	1 858 535,635	22,844	22,379
6	26	98 956	78 206,477	1 777 177,252	22,724	22,259
7	27	98 929	75 177,548	1 698 970,775	22,599	22,135
8	28	98 899	72 264,324	1 623 793,227	22,470	22,005
9	29	98 867	69 462,613	1 551 528,903	22,336	21,871
10	30	98 833	66 768,348	1 482 066,290	22,197	21,732
11	31	98 794	64 174,889	1 415 297,943	22,054	21,589
12	32	98 756	61 682,474	1 351 123,053	21,904	21,440
13	33	98 715	59 285,668	1 289 440,579	21,750	21,285
14	34	98 670	56 979,445	1 230 154,911	21,589	21,125
15	35	98 617	54 758,255	1 173 175,466	21,425	20,960
16	36	98 560	52 622,055	1 118 417,211	21,254	20,789
17	37	98 491	50 562,414	1 065 795,156	21,079	20,614
18	38	98 417	48 581,278	1 015 232,742	20,898	20,433
19	39	98 320	46 666,699	966 651,464	20,714	20,249
20	40	98 222	44 827,018	919 984,765	20,523	20,058
21	41	98 112	43 054,746	875 157,747	20,327	19,862
22	42	97 999	41 351,384	832 103,001	20,123	19,658
23	43	97 877	39 711,361	790 751,618	19,912	19,448
24	44	97 748	38 133,704	751 040,256	19,695	19,230
25	45	97 607	36 614,040	712 906,552	19,471	19,006
26	46	97 452	35 149,843	676 292,512	19,240	18,775
27	47	97 289	33 741,287	641 142,669	19,002	18,537
28	48	97 110	32 384,125	607 401,383	18,756	18,291
29	49	96 909	31 073,871	575 017,258	18,505	18,040
30	50	96 689	29 810,933	543 943,387	18,246	17,782
31	51	96 455	28 595,176	514 132,453	17,980	17,515
32	52	96 189	27 419,550	485 537,278	17,708	17,243
33	53	95 904	26 286,767	458 117,728	17,428	16,963
34	54	95 588	25 192,391	431 830,961	17,141	16,677
35	55	95 238	24 134,892	406 638,570	16,849	16,384
36	56	94 853	23 112,754	382 503,678	16,549	16,085
37	57	94 433	22 125,276	359 390,924	16,243	15,779
38	58	93 970	21 170,057	337 265,649	15,931	15,466
39	59	93 461	20 245,649	316 095,592	15,613	15,148
40	60	92 918	19 353,768	295 849,943	15,286	14,822
41	61	92 313	18 488,298	276 496,175	14,955	14,490
42	62	91 666	17 652,554	258 007,877	14,616	14,151
43	63	90 972	16 845,181	240 355,322	14,268	13,804
44	64	90 219	16 063,205	223 510,141	13,914	13,450
45	65	89 384	15 302,407	207 446,937	13,556	13,092
46	66	88 498	14 567,987	192 144,529	13,190	12,725
47	67	87 531	13 854,686	177 576,542	12,817	12,352
48	68	86 496	13 164,247	163 721,857	12,437	11,972
49	69	85 364	12 492,194	150 557,610	12,052	11,587
50	70	84 126	11 837,657	138 065,415	11,663	11,198
51	71	82 790	11 201,598	126 227,758	11,269	10,804
52	72	81 354	10 583,862	115 026,160	10,868	10,403
53	73	79 817	9 984,520	104 442,298	10,460	9,996
54	74	78 138	9 398,540	94 457,778	10,050	9,585
55	75	76 336	8 828,622	85 059,238	9,634	9,170
56	76	74 425	8 276,576	76 230,616	9,210	8,746
57	77	72 340	7 735,326	67 954,040	8,785	8,320
58	78	70 101	7 207,581	60 218,714	8,355	7,890
59	79	67 621	6 685,166	53 011,133	7,930	7,465
60	80	64 911	6 170,467	46 325,967	7,508	7,043
61	81	61 929	5 660,607	40 155,500	7,094	6,629
62	82	58 645	5 154,235	34 494,894	6,693	6,228
63	83	55 083	4 655,015	29 340,658	6,303	5,838
64	84	51 285	4 167,342	24 685,643	5,924	5,459
65	85	47 260	3 692,558	20 518,301	5,557	5,092
66	86	42 989	3 229,668	16 825,743	5,210	4,745
67	87	38 590	2 787,643	13 596,076	4,877	4,412
68	88	34 108	2 369,113	10 808,432	4,562	4,097
69	89	29 633	1 979,140	8 439,319	4,264	3,799
70	90	25 251	1 621,592	6 460,179	3,984	3,519
71	91	21 047	1 299,628	4 838,587	3,723	3,258
72	92	17 087	1 014,531	3 538,959	3,488	3,023
73	93	13 520	771,847	2 524,428	3,271	2,806
74	94	10 387	570,192	1 752,582	3,074	2,609
75	95	7 748	408,951	1 182,390	2,891	2,426
76	96	5 595	283,945	773,439	2,724	2,259
77	97	3 848	187,784	489,493	2,607	2,142
78	98	2 588	121,420	301,709	2,485	2,020
79	99	1 697	76,547	180,290	2,355	1,890
80	100	1 068	46,338	103,743	2,239	1,774

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 472	99 471,563	2 309 203,974	23,215	22,750
1	22	99 101	95 289,302	2 209 732,412	23,190	22,725
2	23	99 057	91 584,090	2 114 443,109	23,087	22,623
3	24	99 024	88 032,032	2 022 859,020	22,979	22,514
4	25	98 995	84 621,734	1 934 826,988	22,864	22,400
5	26	98 966	81 342,907	1 850 205,254	22,746	22,281
6	27	98 938	78 191,758	1 768 862,347	22,622	22,157
7	28	98 907	75 161,371	1 690 670,588	22,494	22,029
8	29	98 875	72 247,296	1 615 509,217	22,361	21,896
9	30	98 841	69 444,638	1 543 261,922	22,223	21,758
10	31	98 802	66 747,173	1 473 817,284	22,081	21,616
11	32	98 763	64 154,738	1 407 070,110	21,932	21,468
12	33	98 722	61 661,340	1 342 915,372	21,779	21,314
13	34	98 679	59 264,306	1 281 254,032	21,619	21,154
14	35	98 630	56 956,312	1 221 989,727	21,455	20,990
15	36	98 576	54 735,687	1 165 033,415	21,285	20,820
16	37	98 515	52 597,928	1 110 297,728	21,109	20,644
17	38	98 444	50 538,414	1 057 699,800	20,929	20,464
18	39	98 357	48 551,971	1 007 161,386	20,744	20,279
19	40	98 261	46 638,646	958 609,415	20,554	20,089
20	41	98 154	44 796,280	911 970,769	20,358	19,893
21	42	98 039	43 022,874	867 174,489	20,156	19,691
22	43	97 922	41 318,561	824 151,615	19,946	19,481
23	44	97 788	39 675,301	782 833,054	19,731	19,266
24	45	97 653	38 096,692	743 157,753	19,507	19,042
25	46	97 495	36 571,852	705 061,061	19,279	18,814
26	47	97 333	35 107,047	668 489,209	19,041	18,577
27	48	97 155	33 695,051	633 382,161	18,797	18,333
28	49	96 956	32 332,503	599 687,110	18,548	18,083
29	50	96 739	31 019,552	567 354,608	18,290	17,825
30	51	96 510	29 755,688	536 335,056	18,025	17,560
31	52	96 249	28 533,905	506 579,368	17,754	17,289
32	53	95 965	27 355,581	478 045,463	17,475	17,010
33	54	95 658	26 219,271	450 689,882	17,189	16,724
34	55	95 312	25 119,618	424 470,611	16,898	16,433
35	56	94 929	24 056,563	399 350,993	16,601	16,136
36	57	94 514	23 030,080	375 294,430	16,296	15,831
37	58	94 062	22 038,453	352 264,350	15,984	15,519
38	59	93 561	21 077,980	330 225,897	15,667	15,202
39	60	93 021	20 150,366	309 147,917	15,342	14,877
40	61	92 428	19 251,659	288 997,551	15,012	14,547
41	62	91 788	18 383,176	269 745,893	14,674	14,209
42	63	91 104	17 544,266	251 362,717	14,327	13,863
43	64	90 358	16 731,495	233 818,451	13,975	13,510
44	65	89 545	15 943,169	217 086,956	13,616	13,151
45	66	88 672	15 180,440	201 143,787	13,250	12,785
46	67	87 723	14 440,341	185 963,346	12,878	12,413
47	68	86 701	13 723,312	171 523,006	12,499	12,034
48	69	85 591	13 026,474	157 799,693	12,114	11,649
49	70	84 377	12 347,852	144 773,219	11,725	11,260
50	71	83 067	11 688,517	132 425,367	11,330	10,865
51	72	81 656	11 048,116	120 736,850	10,928	10,463
52	73	80 149	10 427,077	109 688,734	10,520	10,055
53	74	78 506	9 820,613	99 261,657	10,107	9,643
54	75	76 743	9 230,840	89 441,044	9,689	9,225
55	76	74 867	8 658,835	80 210,204	9,263	8,799
56	77	72 820	8 098,084	71 551,368	8,836	8,371
57	78	70 619	7 551,252	63 453,284	8,403	7,938
58	79	68 177	7 009,747	55 902,032	7,975	7,510
59	80	65 496	6 475,155	48 892,285	7,551	7,086
60	81	62 544	5 945,482	42 417,130	7,134	6,670
61	82	59 287	5 419,047	36 471,648	6,730	6,265
62	83	55 749	4 899,725	31 052,601	6,338	5,873
63	84	51 960	4 391,023	26 152,876	5,956	5,491
64	85	47 943	3 895,785	21 761,854	5,586	5,121
65	86	43 662	3 411,463	17 866,069	5,237	4,772
66	87	39 241	2 948,105	14 454,606	4,903	4,438
67	88	34 733	2 509,031	11 506,501	4,586	4,121
68	89	30 213	2 098,556	8 997,470	4,287	3,823
69	90	25 795	1 722,806	6 898,914	4,004	3,540
70	91	21 527	1 382,446	5 176,108	3,744	3,279
71	92	17 519	1 081,766	3 793,662	3,507	3,042
72	93	13 883	824,304	2 711,897	3,290	2,825
73	94	10 694	610,551	1 887,592	3,092	2,627
74	95	7 996	438,954	1 277,042	2,909	2,444
75	96	5 789	305,577	838,088	2,743	2,278
76	97	3 996	202,836	532,511	2,625	2,161
77	98	2 697	131,633	329,675	2,504	2,040
78	99	1 777	83,401	198,042	2,375	1,910
79	100	1 125	50,753	114,641	2,259	1,794

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 455	99 455,160	2 300 386,310	23,130	22,665
1	23	99 085	95 273,788	2 200 931,150	23,101	22,636
2	24	99 040	91 567,608	2 105 657,362	22,996	22,531
3	25	99 006	88 016,192	2 014 089,754	22,883	22,418
4	26	98 977	84 605,637	1 926 073,563	22,765	22,300
5	27	98 947	81 327,599	1 841 467,926	22,643	22,178
6	28	98 916	78 174,933	1 760 140,327	22,515	22,051
7	29	98 884	75 143,660	1 681 965,394	22,383	21,919
8	30	98 850	72 228,600	1 606 821,734	22,246	21,782
9	31	98 810	69 422,615	1 534 593,134	22,105	21,640
10	32	98 771	66 726,215	1 465 170,519	21,958	21,493
11	33	98 729	64 132,757	1 398 444,304	21,805	21,341
12	34	98 686	61 639,121	1 334 311,548	21,647	21,182
13	35	98 639	59 240,245	1 272 672,426	21,483	21,018
14	36	98 589	56 932,839	1 213 432,182	21,313	20,849
15	37	98 531	54 710,591	1 156 499,343	21,138	20,674
16	38	98 468	52 572,961	1 101 788,752	20,957	20,493
17	39	98 384	50 507,927	1 049 215,791	20,773	20,308
18	40	98 298	48 522,784	998 707,864	20,582	20,117
19	41	98 193	46 606,666	950 185,080	20,387	19,923
20	42	98 082	44 763,120	903 578,414	20,186	19,721
21	43	97 961	42 988,724	858 815,295	19,978	19,513
22	44	97 833	41 281,041	815 826,570	19,763	19,298
23	45	97 693	39 636,793	774 545,530	19,541	19,076
24	46	97 541	38 052,796	734 908,737	19,313	18,848
25	47	97 376	36 527,325	696 855,941	19,078	18,613
26	48	97 200	35 058,940	660 328,616	18,835	18,370
27	49	97 000	33 641,339	625 269,675	18,586	18,122
28	50	96 786	32 275,983	591 628,336	18,330	17,865
29	51	96 560	30 962,066	559 352,353	18,066	17,601
30	52	96 303	29 691,930	528 390,286	17,796	17,331
31	53	96 024	28 467,336	498 698,356	17,518	17,053
32	54	95 719	27 285,341	470 231,020	17,234	16,769
33	55	95 382	26 143,531	442 945,679	16,943	16,478
34	56	95 002	25 038,094	416 802,148	16,647	16,182
35	57	94 590	23 970,514	391 764,054	16,344	15,879
36	58	94 143	22 939,707	367 793,540	16,033	15,568
37	59	93 653	21 942,599	344 853,833	15,716	15,251
38	60	93 121	20 978,779	322 911,234	15,392	14,927
39	61	92 531	20 044,053	301 932,455	15,063	14,599
40	62	91 902	19 142,196	281 888,402	14,726	14,261
41	63	91 225	18 270,405	262 746,206	14,381	13,916
42	64	90 489	17 425,861	244 475,801	14,029	13,565
43	65	89 683	16 606,466	227 049,940	13,672	13,208
44	66	88 831	15 816,095	210 443,474	13,306	12,841
45	67	87 895	15 047,428	194 627,378	12,934	12,469
46	68	86 891	14 303,414	179 579,950	12,555	12,090
47	69	85 794	13 579,689	165 276,536	12,171	11,706
48	70	84 602	12 875,959	151 696,848	11,781	11,317
49	71	83 314	12 192,284	138 820,889	11,386	10,921
50	72	81 928	11 528,364	126 628,605	10,984	10,519
51	73	80 446	10 884,454	115 100,241	10,575	10,110
52	74	78 833	10 255,904	104 215,787	10,162	9,697
53	75	77 106	9 645,382	93 959,883	9,741	9,277
54	76	75 268	9 053,318	84 314,501	9,313	8,848
55	77	73 253	8 472,099	75 261,182	8,883	8,419
56	78	71 087	7 905,378	66 789,083	8,449	7,984
57	79	68 680	7 343,985	58 883,705	8,018	7,553
58	80	66 035	6 789,540	51 539,720	7,591	7,126
59	81	63 108	6 239,061	44 750,180	7,173	6,708
60	82	59 875	5 691,766	38 511,119	6,766	6,301
61	83	56 359	5 151,460	32 819,353	6,371	5,906
62	84	52 588	4 621,854	27 667,894	5,986	5,521
63	85	48 574	4 104,890	23 046,039	5,614	5,149
64	86	44 294	3 599,219	18 941,149	5,263	4,798
65	87	39 856	3 114,052	15 341,930	4,927	4,462
66	88	35 319	2 653,456	12 227,878	4,608	4,143
67	89	30 766	2 222,495	9 574,423	4,308	3,843
68	90	26 299	1 826,755	7 351,928	4,025	3,560
69	91	21 991	1 468,733	5 525,173	3,762	3,297
70	92	17 918	1 150,700	4 056,440	3,525	3,060
71	93	14 234	878,933	2 905,740	3,306	2,841
72	94	10 982	652,046	2 026,807	3,108	2,644
73	95	8 233	470,023	1 374,761	2,925	2,460
74	96	5 975	327,996	904,738	2,758	2,294
75	97	4 136	218,288	576,742	2,642	2,177
76	98	2 801	142,184	358,453	2,521	2,056
77	99	1 853	90,417	216,269	2,392	1,927
78	100	1 178	55,298	125,853	2,276	1,811

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 439	99 438,968	2 291 145,702	23,041	22,576
1	24	99 067	95 256,642	2 191 706,735	23,008	22,544
2	25	99 022	91 551,131	2 096 450,092	22,899	22,434
3	26	98 987	87 999,449	2 004 898,961	22,783	22,318
4	27	98 958	84 589,714	1 916 899,512	22,661	22,196
5	28	98 926	81 310,098	1 832 309,798	22,535	22,070
6	29	98 893	78 156,511	1 750 999,699	22,404	21,939
7	30	98 858	75 124,215	1 672 843,188	22,268	21,803
8	31	98 818	72 205,694	1 597 718,973	22,127	21,663
9	32	98 779	69 400,816	1 525 513,278	21,981	21,516
10	33	98 737	66 703,352	1 456 112,462	21,830	21,365
11	34	98 694	64 109,648	1 389 409,110	21,672	21,208
12	35	98 646	61 614,096	1 325 299,462	21,510	21,045
13	36	98 599	59 215,830	1 263 685,366	21,340	20,876
14	37	98 544	56 906,735	1 204 469,536	21,166	20,701
15	38	98 484	54 684,622	1 147 562,801	20,985	20,520
16	39	98 409	52 541,247	1 092 878,179	20,800	20,336
17	40	98 325	50 477,564	1 040 336,933	20,610	20,145
18	41	98 231	48 489,512	989 859,368	20,414	19,949
19	42	98 121	46 572,165	941 369,856	20,213	19,748
20	43	98 004	44 727,588	894 797,692	20,005	19,541
21	44	97 872	42 949,688	850 070,103	19,792	19,327
22	45	97 738	41 240,974	807 120,415	19,571	19,106
23	46	97 581	39 591,122	765 879,441	19,345	18,880
24	47	97 422	38 006,466	726 288,319	19,110	18,645
25	48	97 242	36 477,272	688 281,853	18,869	18,404
26	49	97 045	35 003,055	651 804,581	18,621	18,157
27	50	96 831	33 582,532	616 801,527	18,367	17,902
28	51	96 607	32 216,169	583 218,995	18,103	17,638
29	52	96 353	30 895,724	551 002,826	17,834	17,369
30	53	96 078	29 622,660	520 107,101	17,558	17,093
31	54	95 778	28 394,242	490 484,442	17,274	16,809
32	55	95 442	27 206,522	462 090,200	16,985	16,520
33	56	95 072	26 058,684	434 883,678	16,689	16,224
34	57	94 663	24 948,533	408 824,994	16,387	15,922
35	58	94 219	23 876,450	383 876,461	16,078	15,613
36	59	93 734	22 839,933	360 000,010	15,762	15,297
37	60	93 212	21 839,329	337 160,078	15,438	14,973
38	61	92 630	20 868,096	315 320,748	15,110	14,645
39	62	92 005	19 930,085	294 452,653	14,774	14,309
40	63	91 338	19 024,769	274 522,567	14,430	13,965
41	64	90 610	18 147,100	255 497,798	14,079	13,614
42	65	89 813	17 295,643	237 350,698	13,723	13,258
43	66	88 968	16 474,105	220 055,055	13,358	12,893
44	67	88 053	15 677,513	203 580,950	12,986	12,521
45	68	87 061	14 904,745	187 903,437	12,607	12,142
46	69	85 981	14 153,719	172 998,692	12,223	11,758
47	70	84 803	13 422,781	158 844,972	11,834	11,369
48	71	83 536	12 713,737	145 422,192	11,438	10,973
49	72	82 173	12 025,228	132 708,455	11,036	10,571
50	73	80 715	11 357,587	120 683,226	10,626	10,161
51	74	79 126	10 705,773	109 325,639	10,212	9,747
52	75	77 426	10 072,906	98 619,866	9,791	9,326
53	76	75 623	9 459,888	88 546,960	9,360	8,895
54	77	73 644	8 858,075	79 087,072	8,928	8,463
55	78	71 510	8 270,493	70 228,997	8,492	8,027
56	79	69 136	7 688,391	61 958,503	8,059	7,594
57	80	66 523	7 113,278	54 270,112	7,629	7,165
58	81	63 627	6 541,983	47 156,834	7,208	6,744
59	82	60 415	5 972,816	40 614,852	6,800	6,335
60	83	56 919	5 410,712	34 642,035	6,402	5,938
61	84	53 163	4 859,313	29 231,323	6,016	5,551
62	85	49 161	4 320,680	24 372,010	5,641	5,176
63	86	44 876	3 792,406	20 051,330	5,287	4,822
64	87	40 432	3 285,439	16 258,924	4,949	4,484
65	88	35 873	2 802,816	12 973,485	4,629	4,164
66	89	31 286	2 350,426	10 170,668	4,327	3,862
67	90	26 781	1 934,642	7 820,243	4,042	3,577
68	91	22 421	1 557,353	5 885,601	3,779	3,314
69	92	18 304	1 222,523	4 328,248	3,540	3,076
70	93	14 559	934,942	3 105,726	3,322	2,857
71	94	11 259	695,258	2 170,784	3,122	2,657
72	95	8 454	501,968	1 475,525	2,939	2,475
73	96	6 152	351,212	973,558	2,772	2,307
74	97	4 268	234,303	622,346	2,656	2,191
75	98	2 899	153,016	388,043	2,536	2,071
76	99	1 924	97,664	235,026	2,406	1,942
77	100	1 228	59,949	137,363	2,291	1,826

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 421	99 421,072	2 281 467,663	22,948	22,483
1	25	99 049	95 239,502	2 182 046,591	22,911	22,446
2	26	99 003	91 533,716	2 086 807,089	22,798	22,333
3	27	98 969	87 982,888	1 995 273,372	22,678	22,213
4	28	98 937	84 571,512	1 907 290,485	22,552	22,088
5	29	98 903	81 290,938	1 822 718,973	22,422	21,957
6	30	98 867	78 136,287	1 741 428,035	22,287	21,822
7	31	98 827	75 100,391	1 663 291,748	22,148	21,683
8	32	98 787	72 183,022	1 588 191,356	22,002	21,537
9	33	98 745	69 377,037	1 516 008,335	21,852	21,387
10	34	98 702	66 679,317	1 446 631,297	21,695	21,231
11	35	98 654	64 083,620	1 379 951,980	21,534	21,069
12	36	98 605	61 588,703	1 315 868,361	21,365	20,901
13	37	98 554	59 188,680	1 254 279,658	21,191	20,726
14	38	98 497	56 879,723	1 195 090,978	21,011	20,546
15	39	98 425	54 651,633	1 138 211,255	20,827	20,362
16	40	98 350	52 509,662	1 083 559,621	20,635	20,171
17	41	98 258	50 442,952	1 031 049,960	20,440	19,975
18	42	98 158	48 453,617	980 607,008	20,238	19,773
19	43	98 043	46 535,197	932 153,390	20,031	19,566
20	44	97 915	44 686,973	885 618,193	19,818	19,353
21	45	97 777	42 908,002	840 931,220	19,598	19,134
22	46	97 625	41 193,455	798 023,218	19,373	18,908
23	47	97 462	39 542,919	756 829,763	19,139	18,675
24	48	97 289	37 954,386	717 286,844	18,899	18,434
25	49	97 087	36 419,125	679 332,458	18,653	18,188
26	50	96 875	34 941,867	642 913,333	18,400	17,935
27	51	96 651	33 520,297	607 971,466	18,137	17,673
28	52	96 400	32 147,140	574 451,170	17,869	17,405
29	53	96 128	30 823,645	542 304,030	17,594	17,129
30	54	95 831	29 546,599	511 480,384	17,311	16,846
31	55	95 501	28 312,219	481 933,786	17,022	16,557
32	56	95 132	27 118,224	453 621,567	16,728	16,263
33	57	94 732	25 965,473	426 503,342	16,426	15,961
34	58	94 291	24 850,632	400 537,869	16,118	15,653
35	59	93 809	23 772,602	375 687,237	15,803	15,339
36	60	93 292	22 732,440	351 914,635	15,481	15,016
37	61	92 720	21 724,106	329 182,195	15,153	14,688
38	62	92 103	20 749,442	307 458,090	14,818	14,353
39	63	91 440	19 807,825	286 708,647	14,475	14,010
40	64	90 722	18 896,373	266 900,822	14,124	13,660
41	65	89 932	18 011,493	248 004,449	13,769	13,304
42	66	89 097	17 157,790	229 992,956	13,405	12,940
43	67	88 189	16 329,757	212 835,167	13,034	12,569
44	68	87 218	15 528,855	196 505,409	12,654	12,189
45	69	86 150	14 748,757	180 976,554	12,271	11,806
46	70	84 988	13 990,179	166 227,798	11,882	11,417
47	71	83 734	13 253,670	152 237,619	11,486	11,022
48	72	82 391	12 539,536	138 983,949	11,084	10,619
49	73	80 955	11 847,091	126 444,413	10,673	10,208
50	74	79 390	11 171,139	114 597,321	10,258	9,794
51	75	77 714	10 514,748	103 426,182	9,836	9,371
52	76	75 937	9 879,191	92 911,434	9,405	8,940
53	77	73 992	9 255,877	83 032,243	8,971	8,506
54	78	71 892	8 647,284	73 776,367	8,532	8,067
55	79	69 547	8 043,484	65 129,083	8,097	7,632
56	80	66 964	7 446,864	57 085,598	7,666	7,201
57	81	64 097	6 853,917	49 638,734	7,242	6,778
58	82	60 912	6 262,811	42 784,816	6,832	6,367
59	83	57 432	5 677,885	36 522,005	6,432	5,968
60	84	53 691	5 103,863	30 844,121	6,043	5,578
61	85	49 699	4 542,665	25 740,258	5,666	5,202
62	86	45 418	3 991,769	21 197,593	5,310	4,846
63	87	40 964	3 461,784	17 205,823	4,970	4,505
64	88	36 391	2 957,074	13 744,039	4,648	4,183
65	89	31 776	2 482,729	10 786,964	4,345	3,880
66	90	27 234	2 046,003	8 304,235	4,059	3,594
67	91	22 832	1 649,328	6 258,232	3,794	3,330
68	92	18 662	1 296,287	4 608,904	3,555	3,091
69	93	14 872	993,297	3 312,617	3,335	2,870
70	94	11 516	739,563	2 319,319	3,136	2,671
71	95	8 668	535,234	1 579,756	2,952	2,487
72	96	6 317	375,082	1 044,522	2,785	2,320
73	97	4 395	250,887	669,441	2,668	2,203
74	98	2 992	164,242	418,553	2,548	2,084
75	99	1 991	105,104	254,311	2,420	1,955
76	100	1 276	64,754	149,207	2,304	1,839

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 403	99 403,183	2 271 339,182	22,850	22,385
1	26	99 030	95 221,385	2 171 935,999	22,809	22,345
2	27	98 984	91 516,490	2 076 714,614	22,692	22,227
3	28	98 947	87 963,955	1 985 198,124	22,568	22,103
4	29	98 913	84 551,583	1 897 234,169	22,439	21,974
5	30	98 877	81 269,903	1 812 682,585	22,304	21,840
6	31	98 836	78 111,508	1 731 412,683	22,166	21,701
7	32	98 796	75 076,810	1 653 301,175	22,021	21,557
8	33	98 754	72 158,290	1 578 224,366	21,872	21,407
9	34	98 710	69 352,039	1 506 066,076	21,716	21,251
10	35	98 662	66 652,246	1 436 714,037	21,555	21,091
11	36	98 613	64 057,209	1 370 061,792	21,388	20,923
12	37	98 560	61 560,465	1 306 004,583	21,215	20,750
13	38	98 507	59 160,585	1 244 444,118	21,035	20,570
14	39	98 438	56 845,411	1 185 283,533	20,851	20,386
15	40	98 365	54 618,780	1 128 438,123	20,660	20,195
16	41	98 282	52 473,656	1 073 819,343	20,464	19,999
17	42	98 185	50 405,611	1 021 345,687	20,263	19,798
18	43	98 080	48 415,157	970 940,076	20,054	19,590
19	44	97 954	46 492,940	922 524,919	19,842	19,377
20	45	97 820	44 643,601	876 031,979	19,623	19,158
21	46	97 665	42 858,562	831 388,378	19,398	18,934
22	47	97 506	41 143,301	788 529,816	19,165	18,701
23	48	97 328	39 488,733	747 386,515	18,927	18,462
24	49	97 134	37 893,885	707 897,782	18,681	18,216
25	50	96 918	36 355,462	670 003,897	18,429	17,964
26	51	96 696	34 877,112	633 648,435	18,168	17,703
27	52	96 444	33 448,473	598 771,323	17,901	17,436
28	53	96 175	32 072,142	565 322,850	17,627	17,162
29	54	95 881	30 744,500	533 250,708	17,345	16,880
30	55	95 555	29 461,247	502 506,208	17,057	16,592
31	56	95 191	28 220,333	473 044,960	16,763	16,298
32	57	94 792	27 021,224	444 824,627	16,462	15,997
33	58	94 360	25 863,581	417 803,403	16,154	15,689
34	59	93 881	24 742,546	391 939,822	15,841	15,376
35	60	93 367	23 660,720	367 197,276	15,519	15,054
36	61	92 800	22 612,505	343 536,556	15,192	14,728
37	62	92 193	21 600,585	320 924,052	14,857	14,392
38	63	91 538	20 622,156	299 323,467	14,515	14,050
39	64	90 823	19 674,144	278 701,311	14,166	13,701
40	65	90 044	18 755,167	259 027,166	13,811	13,346
41	66	89 216	17 867,933	240 272,000	13,447	12,982
42	67	88 316	17 007,451	222 404,066	13,077	12,612
43	68	87 353	16 174,915	205 396,615	12,698	12,234
44	69	86 305	15 366,335	189 221,700	12,314	11,849
45	70	85 155	14 578,341	173 855,365	11,926	11,461
46	71	83 917	13 813,919	159 277,024	11,530	11,065
47	72	82 587	13 072,071	145 463,105	11,128	10,663
48	73	81 171	12 353,781	132 391,034	10,717	10,252
49	74	79 626	11 652,608	120 037,253	10,301	9,836
50	75	77 973	10 971,811	108 384,645	9,878	9,414
51	76	76 219	10 312,535	97 412,835	9,446	8,981
52	77	74 300	9 666,137	87 100,300	9,011	8,546
53	78	72 231	9 035,619	77 434,163	8,570	8,105
54	79	69 919	8 409,933	68 398,544	8,133	7,668
55	80	67 362	7 790,803	59 988,611	7,700	7,235
56	81	64 522	7 175,341	52 197,808	7,275	6,810
57	82	61 362	6 561,434	45 022,467	6,862	6,397
58	83	57 904	5 953,560	38 461,033	6,460	5,995
59	84	54 175	5 355,884	32 507,473	6,069	5,605
60	85	50 192	4 771,279	27 151,590	5,691	5,226
61	86	45 915	4 196,856	22 380,310	5,333	4,868
62	87	41 459	3 643,767	18 183,454	4,990	4,525
63	88	36 870	3 115,795	14 539,687	4,666	4,202
64	89	32 235	2 619,371	11 423,893	4,361	3,896
65	90	27 660	2 161,171	8 804,522	4,074	3,609
66	91	23 217	1 744,267	6 643,351	3,809	3,344
67	92	19 004	1 372,844	4 899,084	3,569	3,104
68	93	15 163	1 053,230	3 526,240	3,348	2,883
69	94	11 764	785,724	2 473,010	3,147	2,683
70	95	8 866	569,341	1 687,286	2,964	2,499
71	96	6 477	399,939	1 117,944	2,795	2,330
72	97	4 513	267,939	718,005	2,680	2,215
73	98	3 080	175,867	450,067	2,559	2,094
74	99	2 055	112,815	274,199	2,431	1,966
75	100	1 320	69,688	161,384	2,316	1,851

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1	0	99 644	95 811,321	2 319 766,915	24,212	23,747
2	1	99 317	91 824,010	2 223 955,594	24,220	23,755
3	2	99 277	88 256,647	2 132 131,584	24,158	23,693
4	3	99 254	84 842,374	2 043 874,937	24,090	23,625
5	4	99 233	81 562,103	1 959 032,563	24,019	23,554
6	5	99 213	78 409,717	1 877 470,460	23,944	23,480
7	6	99 195	75 380,390	1 799 060,743	23,866	23,402
8	7	99 178	72 468,489	1 723 680,353	23,785	23,320
9	8	99 165	69 672,044	1 651 211,864	23,700	23,235
10	9	99 150	66 982,322	1 581 539,820	23,611	23,146
11	10	99 136	64 397,036	1 514 557,498	23,519	23,054
12	11	99 123	61 911,813	1 450 160,462	23,423	22,958
13	12	99 108	59 521,888	1 388 248,649	23,323	22,859
14	13	99 091	57 222,603	1 328 726,761	23,220	22,755
15	14	99 068	55 009,086	1 271 504,158	23,114	22,650
16	15	99 043	52 880,020	1 216 495,072	23,005	22,540
17	16	99 007	50 827,405	1 163 615,052	22,893	22,429
18	17	98 965	48 851,883	1 112 787,646	22,779	22,314
19	18	98 914	46 948,572	1 063 935,763	22,662	22,197
20	19	98 855	45 116,015	1 016 987,191	22,542	22,077
21	20	98 795	43 354,471	971 871,176	22,417	21,952
22	21	98 736	41 662,394	928 516,705	22,287	21,822
23	22	98 675	40 035,218	886 854,311	22,152	21,687
24	23	98 619	38 473,371	846 819,093	22,011	21,546
25	24	98 554	36 969,405	808 345,722	21,865	21,400
26	25	98 493	35 525,544	771 376,317	21,713	21,248
27	26	98 430	34 137,008	735 850,772	21,556	21,091
28	27	98 366	32 802,713	701 713,764	21,392	20,927
29	28	98 297	31 518,993	668 911,052	21,222	20,758
30	29	98 222	30 283,777	637 392,059	21,047	20,582
31	30	98 142	29 095,138	607 108,282	20,866	20,401
32	31	98 050	27 949,998	578 013,144	20,680	20,215
33	32	97 957	26 849,526	550 063,146	20,487	20,022
34	33	97 852	25 789,123	523 213,620	20,288	19,823
35	34	97 742	24 769,223	497 424,497	20,082	19,618
36	35	97 623	23 787,792	472 655,275	19,870	19,405
37	36	97 499	22 843,800	448 867,483	19,649	19,185
38	37	97 359	21 933,609	426 023,683	19,423	18,959
39	38	97 209	21 057,491	404 090,074	19,190	18,725
40	39	97 042	20 212,832	383 032,583	18,950	18,485
41	40	96 864	19 399,690	362 819,752	18,702	18,238
42	41	96 668	18 615,894	343 420,062	18,448	17,983
43	42	96 458	17 860,877	324 804,168	18,185	17,720
44	43	96 233	17 133,866	306 943,290	17,914	17,450
45	44	95 972	16 430,316	289 809,424	17,639	17,174
46	45	95 691	15 752,133	273 379,108	17,355	16,890
47	46	95 373	15 095,862	257 626,974	17,066	16,601
48	47	95 031	14 463,250	242 531,113	16,769	16,304
49	48	94 649	13 851,035	228 067,862	16,466	16,001
50	49	94 217	13 257,564	214 216,827	16,158	15,693
51	50	93 740	12 683,072	200 959,263	15,845	15,380
52	51	93 220	12 127,598	188 276,192	15,525	15,060
53	52	92 635	11 587,984	176 148,593	15,201	14,736
54	53	91 985	11 064,080	164 560,610	14,873	14,409
55	54	91 261	10 554,810	153 496,530	14,543	14,078
56	55	90 459	10 059,706	142 941,720	14,209	13,745
57	56	89 572	9 577,890	132 882,014	13,874	13,409
58	57	88 597	9 109,282	123 304,123	13,536	13,071
59	58	87 529	8 653,393	114 194,841	13,197	12,732
60	59	86 370	8 210,342	105 541,448	12,855	12,390
61	60	85 118	7 780,157	97 331,106	12,510	12,045
62	61	83 753	7 360,924	89 550,950	12,166	11,701
63	62	82 282	6 953,530	82 190,026	11,820	11,355
64	63	80 716	6 558,831	75 236,495	11,471	11,006
65	64	79 029	6 174,728	68 677,665	11,122	10,658
66	65	77 229	5 801,997	62 502,936	10,773	10,308
67	66	75 341	5 442,474	56 700,939	10,418	9,953
68	67	73 337	5 093,943	51 258,465	10,063	9,598
69	68	71 248	4 758,524	46 164,523	9,701	9,237
70	69	69 015	4 432,088	41 405,999	9,342	8,878
71	70	66 696	4 118,434	36 973,911	8,978	8,513
72	71	64 233	3 813,797	32 855,477	8,615	8,150
73	72	61 694	3 522,163	29 041,679	8,245	7,781
74	73	59 033	3 240,614	25 519,516	7,875	7,410
75	74	56 259	2 969,552	22 278,902	7,502	7,038
76	75	53 397	2 710,102	19 309,351	7,125	6,660
77	76	50 424	2 460,748	16 599,249	6,746	6,281
78	77	47 328	2 220,863	14 138,501	6,366	5,901
79	78	44 101	1 989,842	11 917,639	5,989	5,524
80	79	40 726	1 766,883	9 927,797	5,619	5,154
81	80	37 221	1 552,708	8 160,913	5,256	4,791
82	81	33 550	1 345,720	6 608,205	4,911	4,446
83	82	29 784	1 148,742	5 262,485	4,581	4,116
84	83	26 007	964,479	4 113,743	4,265	3,800
85	84	22 275	794,315	3 149,264	3,965	3,500
86	85	18 644	639,254	2 354,948	3,684	3,219
87	86	15 197	501,032	1 715,694	3,424	2,959
88	87	12 040	381,668	1 214,662	3,183	2,718
89	88	9 225	281,191	832,994	2,962	2,498
90	89	6 822	199,954	551,803	2,760	2,295
91	90	4 860	136,975	351,849	2,569	2,104
92	91	3 319	89,930	214,873	2,389	1,925
93	92	2 140	55,754	124,943	2,241	1,776
94	93	1 315	32,955	69,189	2,100	1,635
95	94	760	18,298	36,234	1,980	1,515
96	95	415	9,615	17,937	1,866	1,401
97	96	210	4,681	8,322	1,778	1,313
98	97	100	2,133	3,641	1,707	1,242
99	98	45	0,919	1,508	1,641	1,176
100	99	19	0,374	0,589	1,574	1,110

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2	0	99 616	92 100,805	2 226 368,224	24,173	23,708
3	1	99 301	88 278,534	2 134 267,420	24,177	23,712
4	2	99 266	84 852,915	2 045 988,885	24,112	23,647
5	3	99 243	81 570,515	1 961 135,970	24,042	23,577
6	4	99 223	78 417,221	1 879 565,455	23,969	23,504
7	5	99 204	75 387,105	1 801 148,234	23,892	23,427
8	6	99 187	72 474,900	1 725 761,129	23,812	23,347
9	7	99 170	69 675,281	1 653 286,228	23,728	23,264
10	8	99 157	66 986,990	1 583 610,948	23,641	23,176
11	9	99 142	64 400,975	1 516 623,958	23,550	23,085
12	10	99 129	61 915,434	1 452 222,982	23,455	22,990
13	11	99 116	59 526,491	1 390 307,548	23,356	22,891
14	12	99 099	57 227,097	1 330 781,057	23,254	22,790
15	13	99 078	55 014,269	1 273 553,960	23,150	22,685
16	14	99 052	52 884,896	1 218 539,690	23,041	22,577
17	15	99 019	50 833,590	1 165 654,794	22,931	22,466
18	16	98 980	48 859,077	1 114 821,204	22,817	22,352
19	17	98 927	46 954,965	1 065 962,127	22,702	22,237
20	18	98 874	45 124,906	1 019 007,161	22,582	22,117
21	19	98 812	43 362,051	973 882,256	22,459	21,995
22	20	98 755	41 670,098	930 520,205	22,331	21,866
23	21	98 692	40 041,820	888 850,107	22,198	21,733
24	22	98 635	38 479,636	848 808,287	22,059	21,594
25	23	98 572	36 976,059	810 328,651	21,915	21,450
26	24	98 511	35 531,938	773 352,591	21,765	21,300
27	25	98 448	34 143,503	737 820,653	21,609	21,145
28	26	98 384	32 808,887	703 677,150	21,448	20,983
29	27	98 318	31 525,777	670 868,263	21,280	20,815
30	28	98 245	30 290,915	639 342,486	21,107	20,642
31	29	98 167	29 102,669	609 051,572	20,928	20,463
32	30	98 081	27 958,865	579 948,903	20,743	20,278
33	31	97 988	26 857,959	551 990,038	20,552	20,087
34	32	97 886	25 797,962	525 132,079	20,356	19,891
35	33	97 777	24 778,151	499 334,117	20,152	19,687
36	34	97 663	23 797,453	474 555,966	19,941	19,477
37	35	97 540	22 853,218	450 758,513	19,724	19,259
38	36	97 404	21 943,670	427 905,294	19,500	19,035
39	37	97 255	21 067,491	405 961,624	19,270	18,805
40	38	97 101	20 225,032	384 894,133	19,031	18,566
41	39	96 922	19 411,359	364 669,101	18,786	18,322
42	40	96 735	18 628,668	345 257,742	18,534	18,069
43	41	96 529	17 874,109	326 629,074	18,274	17,809
44	42	96 309	17 147,477	308 754,965	18,006	17,541
45	43	96 060	16 445,250	291 607,488	17,732	17,267
46	44	95 784	15 767,437	275 162,238	17,451	16,986
47	45	95 483	15 113,276	259 394,802	17,163	16,699
48	46	95 147	14 480,881	244 281,526	16,869	16,404
49	47	94 779	13 870,041	229 800,645	16,568	16,103
50	48	94 368	13 278,731	215 930,604	16,261	15,797
51	49	93 904	12 705,282	202 651,873	15,950	15,485
52	50	93 393	12 150,115	189 946,591	15,633	15,168
53	51	92 834	11 612,867	177 796,476	15,310	14,845
54	52	92 200	11 089,952	166 183,610	14,985	14,520
55	53	91 496	10 581,981	155 093,658	14,656	14,192
56	54	90 721	10 088,850	144 511,677	14,324	13,859
57	55	89 863	9 609,076	134 422,827	13,989	13,524
58	56	88 915	9 141,983	124 813,751	13,653	13,188
59	57	87 874	8 687,484	115 671,768	13,315	12,850
60	58	86 747	8 246,208	106 984,284	12,974	12,509
61	59	85 521	7 816,946	98 738,076	12,631	12,166
62	60	84 197	7 399,966	90 921,130	12,287	11,822
63	61	82 753	6 993,293	83 521,164	11,943	11,478
64	62	81 214	6 599,314	76 527,871	11,596	11,132
65	63	79 566	6 216,684	69 928,557	11,249	10,784
66	64	77 810	5 845,680	63 711,873	10,899	10,434
67	65	75 946	5 486,201	57 866,193	10,548	10,083
68	66	73 985	5 138,971	52 379,992	10,193	9,728
69	67	71 930	4 804,077	47 241,021	9,834	9,369
70	68	69 745	4 478,963	42 436,944	9,475	9,010
71	69	67 476	4 166,577	37 957,980	9,110	8,645
72	70	65 053	3 862,460	33 791,403	8,749	8,284
73	71	62 551	3 571,094	29 928,944	8,381	7,916
74	72	59 921	3 289,341	26 357,850	8,013	7,548
75	73	57 198	3 019,114	23 068,509	7,641	7,176
76	74	54 367	2 759,337	20 049,395	7,266	6,801
77	75	51 412	2 508,999	17 290,058	6,891	6,426
78	76	48 372	2 269,813	14 781,059	6,512	6,047
79	77	45 176	2 038,347	12 511,246	6,138	5,673
80	78	41 876	1 816,749	10 472,898	5,765	5,300
81	79	38 428	1 603,068	8 656,149	5,400	4,935
82	80	34 819	1 396,644	7 053,081	5,050	4,585
83	81	31 112	1 199,949	5 656,437	4,714	4,249
84	82	27 358	1 014,578	4 456,488	4,392	3,928
85	83	23 615	842,070	3 441,910	4,087	3,623
86	84	19 944	683,813	2 599,840	3,802	3,337
87	85	16 450	542,316	1 916,027	3,533	3,068
88	86	13 190	418,119	1 373,711	3,285	2,821
89	87	10 249	312,416	955,591	3,059	2,594
90	88	7 702	225,734	643,176	2,849	2,384
91	89	5 584	157,356	417,442	2,653	2,188
92	90	3 893	105,487	260,086	2,466	2,001
93	91	2 571	66,983	154,599	2,308	1,843
94	92	1 619	40,560	87,617	2,160	1,695
95	93	960	23,131	47,057	2,034	1,569
96	94	539	12,489	23,925	1,916	1,451
97	95	281	6,265	11,436	1,825	1,361
98	96	139	2,986	5,171	1,732	1,267
99	97	64	1,311	2,185	1,667	1,202
100	98	27	0,544	0,874	1,606	1,141

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 601	88 544,641	2 136 500,465	24,129	23,664
4	1	99 291	84 873,959	2 047 955,823	24,129	23,665
5	2	99 255	81 580,650	1 963 081,864	24,063	23,598
6	3	99 233	78 425,309	1 881 501,215	23,991	23,526
7	4	99 214	75 394,319	1 803 075,906	23,915	23,450
8	5	99 196	72 481,357	1 727 681,587	23,836	23,371
9	6	99 178	69 681,445	1 655 200,230	23,754	23,289
10	7	99 162	66 990,102	1 585 518,785	23,668	23,203
11	8	99 149	64 405,464	1 518 528,683	23,578	23,113
12	9	99 135	61 919,222	1 454 123,220	23,484	23,019
13	10	99 122	59 529,973	1 392 203,998	23,387	22,922
14	11	99 106	57 231,523	1 332 674,024	23,286	22,821
15	12	99 085	55 018,590	1 275 442,502	23,182	22,717
16	13	99 062	52 889,879	1 220 423,912	23,075	22,610
17	14	99 028	50 838,278	1 167 534,033	22,966	22,501
18	15	98 992	48 865,023	1 116 695,755	22,853	22,388
19	16	98 942	46 961,880	1 067 830,732	22,738	22,273
20	17	98 888	45 131,051	1 020 868,852	22,620	22,155
21	18	98 832	43 370,595	975 737,801	22,498	22,033
22	19	98 772	41 677,383	932 367,206	22,371	21,906
23	20	98 710	40 049,225	890 689,823	22,240	21,775
24	21	98 651	38 485,982	850 640,599	22,103	21,638
25	22	98 588	36 982,080	812 154,616	21,961	21,496
26	23	98 529	35 538,334	775 172,536	21,812	21,347
27	24	98 466	34 149,648	739 634,202	21,659	21,194
28	25	98 403	32 815,129	705 484,554	21,499	21,034
29	26	98 336	31 531,711	672 669,425	21,333	20,868
30	27	98 267	30 297,434	641 137,714	21,161	20,697
31	28	98 190	29 109,528	610 840,280	20,984	20,519
32	29	98 107	27 966,101	581 730,752	20,801	20,336
33	30	98 019	26 866,479	553 764,650	20,612	20,147
34	31	97 916	25 806,065	526 898,171	20,418	19,953
35	32	97 810	24 786,644	501 092,106	20,216	19,751
36	33	97 698	23 806,032	476 305,462	20,008	19,543
37	34	97 579	22 862,500	452 499,431	19,792	19,327
38	35	97 444	21 952,717	429 636,930	19,571	19,106
39	36	97 300	21 077,155	407 684,213	19,342	18,878
40	37	97 147	20 234,637	386 607,058	19,106	18,641
41	38	96 981	19 423,076	366 372,421	18,863	18,398
42	39	96 793	18 639,873	346 949,345	18,613	18,148
43	40	96 595	17 886,374	328 309,472	18,355	17,890
44	41	96 380	17 160,180	310 423,098	18,090	17,625
45	42	96 136	16 458,314	293 262,918	17,819	17,354
46	43	95 871	15 781,768	276 804,605	17,540	17,075
47	44	95 576	15 127,959	261 022,837	17,254	16,790
48	45	95 257	14 497,585	245 894,878	16,961	16,496
49	46	94 894	13 886,949	231 397,293	16,663	16,198
50	47	94 497	13 296,952	217 510,344	16,358	15,893
51	48	94 054	12 725,567	204 213,393	16,047	15,583
52	49	93 556	12 171,391	191 487,826	15,733	15,268
53	50	93 006	11 634,427	179 316,434	15,413	14,948
54	51	92 398	11 113,766	167 682,007	15,088	14,623
55	52	91 710	10 606,726	156 568,241	14,761	14,296
56	53	90 955	10 114,821	145 961,515	14,430	13,966
57	54	90 124	9 636,914	135 846,694	14,096	13,632
58	55	89 204	9 171,749	126 209,779	13,761	13,296
59	56	88 190	8 718,670	117 038,030	13,424	12,959
60	57	87 089	8 278,695	108 319,360	13,084	12,619
61	58	85 894	7 851,094	100 040,666	12,742	12,277
62	59	84 595	7 434,957	92 189,572	12,399	11,935
63	60	83 192	7 030,386	84 754,615	12,055	11,591
64	61	81 679	6 637,051	77 724,229	11,711	11,246
65	62	80 057	6 255,055	71 087,178	11,365	10,900
66	63	78 339	5 885,400	64 832,122	11,016	10,551
67	64	76 518	5 527,506	58 946,722	10,664	10,199
68	65	74 579	5 180,260	53 419,216	10,312	9,847
69	66	72 566	4 846,543	48 238,956	9,953	9,488
70	67	70 412	4 521,840	43 392,413	9,596	9,131
71	68	68 189	4 210,644	38 870,573	9,232	8,767
72	69	65 813	3 907,611	34 659,928	8,870	8,405
73	70	63 349	3 616,659	30 752,318	8,503	8,038
74	71	60 753	3 335,037	27 135,658	8,137	7,672
75	72	58 058	3 064,511	23 800,622	7,767	7,302
76	73	55 275	2 805,391	20 736,111	7,392	6,927
77	74	52 346	2 554,581	17 930,721	7,019	6,554
78	75	49 320	2 314,321	15 376,139	6,644	6,179
79	76	46 172	2 083,275	13 061,819	6,270	5,805
80	77	42 896	1 861,036	10 978,543	5,899	5,434
81	78	39 513	1 648,311	9 117,508	5,531	5,067
82	79	35 949	1 441,942	7 469,197	5,180	4,715
83	80	32 289	1 245,356	6 027,255	4,840	4,375
84	81	28 578	1 059,804	4 781,899	4,512	4,047
85	82	24 841	885,811	3 722,095	4,202	3,737
86	83	21 143	724,925	2 836,285	3,913	3,448
87	84	17 596	580,118	2 111,360	3,640	3,175
88	85	14 276	452,571	1 531,241	3,383	2,919
89	86	11 228	342,253	1 078,670	3,152	2,687
90	87	8 557	250,800	736,417	2,936	2,471
91	88	6 304	177,643	485,617	2,734	2,269
92	89	4 472	121,182	307,974	2,541	2,077
93	90	3 015	78,570	186,792	2,377	1,913
94	91	1 945	48,729	108,222	2,221	1,756
95	92	1 182	28,469	59,493	2,090	1,625
96	93	682	15,789	31,024	1,965	1,500
97	94	365	8,138	15,235	1,872	1,407
98	95	187	3,996	7,097	1,776	1,311
99	96	89	1,835	3,101	1,690	1,225
100	97	39	0,777	1,266	1,630	1,165

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4	0	99 590	85 129,803	2 050 021,046	24,081	23,616
5	1	99 280	81 600,882	1 964 891,243	24,079	23,614
6	2	99 245	78 435,052	1 883 290,361	24,011	23,546
7	3	99 224	75 402,095	1 804 855,309	23,936	23,472
8	4	99 205	72 488,293	1 729 453,213	23,858	23,394
9	5	99 187	69 687,653	1 656 964,920	23,777	23,312
10	6	99 170	66 996,028	1 587 277,268	23,692	23,227
11	7	99 154	64 408,456	1 520 281,239	23,604	23,139
12	8	99 142	61 923,537	1 455 872,784	23,511	23,046
13	9	99 128	59 533,615	1 393 949,246	23,414	22,950
14	10	99 112	57 234,870	1 334 415,631	23,315	22,850
15	11	99 093	55 022,844	1 277 180,761	23,212	22,747
16	12	99 070	52 894,033	1 222 157,916	23,106	22,641
17	13	99 037	50 843,068	1 169 263,884	22,998	22,533
18	14	99 001	48 869,529	1 118 420,816	22,886	22,421
19	15	98 954	46 967,595	1 069 551,287	22,772	22,307
20	16	98 902	45 137,697	1 022 583,692	22,655	22,190
21	17	98 845	43 376,502	977 445,995	22,534	22,069
22	18	98 791	41 685,595	934 069,493	22,407	21,943
23	19	98 727	40 056,226	892 383,898	22,278	21,813
24	20	98 670	38 493,099	852 327,672	22,142	21,678
25	21	98 604	36 988,180	813 834,573	22,003	21,538
26	22	98 545	35 544,120	776 846,393	21,856	21,391
27	23	98 484	34 155,795	741 302,273	21,704	21,239
28	24	98 421	32 821,035	707 146,478	21,546	21,081
29	25	98 355	31 537,710	674 325,443	21,382	20,917
30	26	98 285	30 303,137	642 787,733	21,212	20,747
31	27	98 211	29 115,794	612 484,596	21,036	20,571
32	28	98 130	27 972,693	583 368,802	20,855	20,390
33	29	98 045	26 873,433	555 396,110	20,667	20,202
34	30	97 947	25 814,252	528 522,676	20,474	20,009
35	31	97 841	24 794,429	502 708,425	20,275	19,810
36	32	97 732	23 814,191	477 913,995	20,068	19,604
37	33	97 614	22 870,741	454 099,804	19,855	19,390
38	34	97 484	21 961,634	431 229,063	19,636	19,171
39	35	97 340	21 085,845	409 267,430	19,410	18,945
40	36	97 191	20 243,919	388 181,585	19,175	18,710
41	37	97 027	19 432,300	367 937,666	18,934	18,470
42	38	96 851	18 651,125	348 505,366	18,685	18,221
43	39	96 653	17 897,132	329 854,241	18,431	17,966
44	40	96 447	17 171,955	311 957,109	18,167	17,702
45	41	96 207	16 470,506	294 785,154	17,898	17,433
46	42	95 948	15 794,304	278 314,648	17,621	17,156
47	43	95 663	15 141,708	262 520,344	17,338	16,873
48	44	95 349	14 511,670	247 378,635	17,047	16,582
49	45	95 004	13 902,968	232 866,965	16,749	16,285
50	46	94 612	13 313,161	218 963,997	16,447	15,982
51	47	94 183	12 743,029	205 650,836	16,138	15,673
52	48	93 706	12 190,824	192 907,808	15,824	15,359
53	49	93 169	11 654,801	180 716,983	15,506	15,041
54	50	92 569	11 134,400	169 062,183	15,184	14,719
55	51	91 907	10 629,502	157 927,783	14,857	14,393
56	52	91 167	10 138,474	147 298,281	14,529	14,064
57	53	90 356	9 661,722	137 159,807	14,196	13,731
58	54	89 463	9 198,320	127 498,084	13,861	13,396
59	55	88 477	8 747,058	118 299,764	13,525	13,060
60	56	87 401	8 308,413	109 552,706	13,186	12,721
61	57	86 233	7 882,024	101 244,292	12,845	12,380
62	58	84 965	7 467,436	93 362,268	12,503	12,038
63	59	83 585	7 063,629	85 894,832	12,160	11,695
64	60	82 112	6 672,254	78 831,203	11,815	11,350
65	61	80 515	6 290,824	72 158,949	11,471	11,006
66	62	78 822	5 921,726	65 868,124	11,123	10,658
67	63	77 038	5 565,064	59 946,398	10,772	10,307
68	64	75 141	5 219,262	54 381,334	10,419	9,955
69	65	73 149	4 885,483	49 162,072	10,063	9,598
70	66	71 035	4 561,812	44 276,589	9,706	9,241
71	67	68 842	4 250,953	39 714,778	9,343	8,878
72	68	66 509	3 948,939	35 463,825	8,981	8,516
73	69	64 090	3 658,937	31 514,886	8,613	8,148
74	70	61 528	3 377,590	27 855,949	8,247	7,782
75	71	58 864	3 107,083	24 478,359	7,878	7,413
76	72	56 106	2 847,573	21 371,276	7,505	7,040
77	73	53 220	2 597,218	18 523,703	7,132	6,667
78	74	50 216	2 356,366	15 926,485	6,759	6,294
79	75	47 078	2 124,125	13 570,119	6,389	5,924
80	76	43 842	1 902,055	11 445,994	6,018	5,553
81	77	40 476	1 688,491	9 543,939	5,652	5,188
82	78	36 963	1 482,637	7 855,448	5,298	4,833
83	79	33 337	1 285,747	6 372,811	4,957	4,492
84	80	29 659	1 099,908	5 087,063	4,625	4,160
85	81	25 949	925,297	3 987,155	4,309	3,844
86	82	22 241	762,580	3 061,859	4,015	3,550
87	83	18 654	614,996	2 299,279	3,739	3,274
88	84	15 272	484,118	1 684,283	3,479	3,014
89	85	12 154	370,454	1 200,165	3,240	2,775
90	86	9 374	274,753	829,711	3,020	2,555
91	87	7 003	197,369	554,958	2,812	2,347
92	88	5 049	136,806	357,589	2,614	2,149
93	89	3 464	90,260	220,783	2,446	1,981
94	90	2 281	57,158	130,523	2,284	1,819
95	91	1 420	34,203	73,365	2,145	1,680
96	92	839	19,432	39,162	2,015	1,550
97	93	462	10,287	19,729	1,918	1,453
98	94	242	5,191	9,442	1,819	1,354
99	95	119	2,456	4,251	1,731	1,266
100	96	55	1,087	1,795	1,651	1,186

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5	0	99 579	81 846,860	1 966 800,087	24,030	23,565
6	1	99 270	78 454,504	1 884 953,227	24,026	23,561
7	2	99 236	75 411,463	1 806 498,723	23,955	23,490
8	3	99 215	72 495,770	1 731 087,260	23,878	23,414
9	4	99 197	69 694,321	1 658 591,490	23,798	23,333
10	5	99 179	67 001,997	1 588 897,169	23,714	23,249
11	6	99 163	64 414,154	1 521 895,172	23,627	23,162
12	7	99 146	61 926,414	1 457 481,018	23,536	23,071
13	8	99 135	59 537,764	1 395 554,604	23,440	22,975
14	9	99 118	57 238,372	1 336 016,840	23,341	22,876
15	10	99 099	55 026,063	1 278 778,468	23,240	22,775
16	11	99 077	52 898,123	1 223 752,405	23,134	22,669
17	12	99 045	50 847,061	1 170 854,282	23,027	22,562
18	13	99 010	48 874,133	1 120 007,221	22,916	22,451
19	14	98 963	46 971,926	1 071 133,088	22,804	22,339
20	15	98 914	45 143,190	1 024 161,162	22,687	22,222
21	16	98 860	43 382,890	979 017,972	22,567	22,102
22	17	98 805	41 691,272	935 635,083	22,442	21,977
23	18	98 747	40 064,119	893 943,810	22,313	21,848
24	19	98 687	38 499,828	853 879,691	22,179	21,714
25	20	98 623	36 995,019	815 379,863	22,040	21,575
26	21	98 561	35 549,983	778 384,843	21,896	21,431
27	22	98 500	34 161,356	742 834,861	21,745	21,280
28	23	98 438	32 826,943	708 673,505	21,588	21,123
29	24	98 373	31 543,386	675 846,562	21,426	20,961
30	25	98 304	30 308,903	644 303,176	21,258	20,793
31	26	98 230	29 121,274	613 994,273	21,084	20,619
32	27	98 151	27 978,713	584 872,999	20,904	20,439
33	28	98 068	26 879,767	556 894,286	20,718	20,253
34	29	97 973	25 820,933	530 014,518	20,527	20,062
35	30	97 872	24 802,295	504 193,585	20,329	19,864
36	31	97 763	23 821,671	479 391,290	20,124	19,659
37	32	97 648	22 878,580	455 569,619	19,912	19,448
38	33	97 519	21 969,550	432 691,039	19,695	19,230
39	34	97 380	21 094,409	410 721,489	19,471	19,006
40	35	97 232	20 252,265	389 627,080	19,239	18,774
41	36	97 071	19 441,213	369 374,815	19,000	18,535
42	37	96 897	18 659,982	349 933,601	18,753	18,288
43	38	96 712	17 907,935	331 273,619	18,499	18,034
44	39	96 505	17 182,284	313 365,684	18,238	17,773
45	40	96 273	16 481,808	296 183,400	17,970	17,506
46	41	96 019	15 806,005	279 701,592	17,696	17,231
47	42	95 739	15 153,737	263 895,587	17,415	16,950
48	43	95 436	14 524,860	248 741,851	17,125	16,660
49	44	95 096	13 916,475	234 216,991	16,830	16,365
50	45	94 722	13 328,518	220 300,516	16,529	16,064
51	46	94 298	12 758,562	206 971,997	16,222	15,757
52	47	93 834	12 207,552	194 213,435	15,909	15,444
53	48	93 318	11 673,409	182 005,883	15,591	15,127
54	49	92 731	11 153,898	170 332,474	15,271	14,806
55	50	92 077	10 649,237	159 178,576	14,947	14,483
56	51	91 363	10 160,244	148 529,339	14,619	14,154
57	52	90 567	9 684,316	138 369,095	14,288	13,823
58	53	89 693	9 222,000	128 684,779	13,954	13,489
59	54	88 733	8 772,399	119 462,780	13,618	13,153
60	55	87 686	8 335,466	110 690,381	13,279	12,815
61	56	86 542	7 910,319	102 354,915	12,939	12,475
62	57	85 299	7 496,855	94 444,596	12,598	12,133
63	58	83 950	7 094,486	86 947,741	12,256	11,791
64	59	82 500	6 703,805	79 853,255	11,912	11,447
65	60	80 942	6 324,190	73 149,451	11,567	11,102
66	61	79 273	5 955,589	66 825,260	11,221	10,756
67	62	77 513	5 599,414	60 869,671	10,871	10,406
68	63	75 651	5 254,725	55 270,257	10,518	10,053
69	64	73 700	4 922,265	50 015,532	10,161	9,696
70	65	71 606	4 598,463	45 093,267	9,806	9,341
71	66	69 451	4 288,529	40 494,804	9,443	8,978
72	67	67 146	3 986,742	36 206,274	9,082	8,617
73	68	64 768	3 697,635	32 219,532	8,714	8,249
74	69	62 247	3 417,073	28 521,897	8,347	7,882
75	70	59 616	3 146,728	25 104,824	7,978	7,513
76	71	56 885	2 887,132	21 958,096	7,606	7,141
77	72	54 020	2 636,270	19 070,964	7,234	6,769
78	73	51 054	2 395,694	16 434,694	6,860	6,395
79	74	47 933	2 162,715	14 039,000	6,491	6,027
80	75	44 702	1 939,352	11 876,285	6,124	5,659
81	76	41 368	1 725,707	9 936,933	5,758	5,293
82	77	37 864	1 518,779	8 211,226	5,406	4,942
83	78	34 278	1 322,034	6 692,447	5,062	4,597
84	79	30 621	1 135,582	5 370,413	4,729	4,264
85	80	26 931	960,311	4 234,831	4,410	3,945
86	81	23 232	796,573	3 274,520	4,111	3,646
87	82	19 623	646,941	2 477,947	3,830	3,365
88	83	16 190	513,223	1 831,006	3,568	3,103
89	84	13 001	396,277	1 317,782	3,325	2,861
90	85	10 147	297,392	921,506	3,099	2,634
91	86	7 672	216,219	624,114	2,886	2,422
92	87	5 609	151,997	407,895	2,684	2,219
93	88	3 911	101,897	255,898	2,511	2,047
94	89	2 621	65,663	154,001	2,345	1,881
95	90	1 665	40,120	88,338	2,202	1,737
96	91	1 008	23,346	48,218	2,065	1,601
97	92	568	12,661	24,872	1,964	1,500
98	93	306	6,562	12,211	1,861	1,396
99	94	155	3,190	5,648	1,771	1,306
100	95	73	1,455	2,458	1,689	1,225

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	78 690,998	1 886 716,748	23,976	23,511
7	1	99 261	75 430,165	1 808 025,750	23,970	23,505
8	2	99 228	72 504,777	1 732 595,585	23,896	23,431
9	3	99 207	69 701,510	1 660 090,808	23,817	23,352
10	4	99 189	67 008,409	1 590 389,299	23,734	23,269
11	5	99 171	64 419,892	1 523 380,890	23,648	23,183
12	6	99 155	61 931,893	1 458 960,998	23,558	23,093
13	7	99 139	59 540,530	1 397 029,105	23,463	22,999
14	8	99 125	57 242,361	1 337 488,575	23,365	22,901
15	9	99 105	55 029,429	1 280 246,215	23,265	22,800
16	10	99 083	52 901,218	1 225 216,785	23,160	22,696
17	11	99 053	50 850,993	1 172 315,568	23,054	22,589
18	12	99 018	48 877,971	1 121 464,575	22,944	22,479
19	13	98 972	46 976,352	1 072 586,603	22,832	22,368
20	14	98 923	45 147,353	1 025 610,252	22,717	22,252
21	15	98 872	43 388,169	980 462,899	22,597	22,133
22	16	98 819	41 697,412	937 074,730	22,473	22,008
23	17	98 760	40 069,575	895 377,319	22,346	21,881
24	18	98 706	38 507,415	855 307,743	22,212	21,747
25	19	98 640	37 001,487	816 800,328	22,075	21,610
26	20	98 579	35 556,556	779 798,841	21,931	21,466
27	21	98 516	34 166,990	744 242,285	21,782	21,318
28	22	98 454	32 832,288	710 075,295	21,627	21,163
29	23	98 391	31 549,064	677 243,007	21,466	21,002
30	24	98 322	30 314,357	645 693,943	21,300	20,835
31	25	98 249	29 126,815	615 379,586	21,128	20,663
32	26	98 169	27 983,980	586 252,771	20,950	20,485
33	27	98 089	26 885,553	558 268,791	20,765	20,300
34	28	97 996	25 827,019	531 383,238	20,575	20,110
35	29	97 897	24 808,714	505 556,219	20,378	19,913
36	30	97 794	23 829,228	480 747,505	20,175	19,710
37	31	97 679	22 885,766	456 918,277	19,965	19,500
38	32	97 552	21 977,080	434 032,511	19,749	19,285
39	33	97 415	21 102,013	412 055,431	19,527	19,062
40	34	97 271	20 260,491	390 953,418	19,296	18,832
41	35	97 111	19 449,229	370 692,927	19,060	18,595
42	36	96 942	18 668,541	351 243,698	18,815	18,350
43	37	96 758	17 916,440	332 575,156	18,563	18,098
44	38	96 563	17 192,655	314 658,717	18,302	17,837
45	39	96 331	16 491,722	297 466,061	18,037	17,572
46	40	96 085	15 816,851	280 974,340	17,764	17,299
47	41	95 809	15 164,963	265 157,489	17,485	17,020
48	42	95 512	14 536,398	249 992,526	17,198	16,733
49	43	95 183	13 929,124	235 456,128	16,904	16,439
50	44	94 814	13 341,467	221 527,004	16,604	16,140
51	45	94 407	12 773,280	208 185,537	16,299	15,834
52	46	93 949	12 222,433	195 412,257	15,988	15,523
53	47	93 446	11 689,427	183 189,824	15,671	15,207
54	48	92 879	11 171,706	171 500,397	15,351	14,886
55	49	92 238	10 667,885	160 328,691	15,029	14,564
56	50	91 533	10 179,108	149 660,806	14,703	14,238
57	51	90 761	9 705,111	139 481,697	14,372	13,907
58	52	89 903	9 243,564	129 776,587	14,040	13,575
59	53	88 961	8 794,982	120 533,022	13,705	13,240
60	54	87 940	8 359,614	111 738,041	13,366	12,902
61	55	86 824	7 936,075	103 378,426	13,026	12,562
62	56	85 606	7 523,767	95 442,352	12,685	12,221
63	57	84 281	7 122,436	87 918,584	12,344	11,879
64	58	82 861	6 733,089	80 796,149	12,000	11,535
65	59	81 324	6 354,095	74 063,059	11,656	11,191
66	60	79 693	5 987,177	67 708,964	11,309	10,844
67	61	77 957	5 631,433	61 721,787	10,960	10,495
68	62	76 118	5 287,159	56 090,354	10,609	10,144
69	63	74 200	4 955,711	50 803,194	10,251	9,787
70	64	72 145	4 633,085	45 847,484	9,896	9,431
71	65	70 009	4 322,985	41 214,399	9,534	9,069
72	66	67 739	4 021,983	36 891,414	9,172	8,708
73	67	65 388	3 733,032	32 869,430	8,805	8,340
74	68	62 906	3 453,213	29 136,398	8,437	7,973
75	69	60 312	3 183,512	25 683,185	8,068	7,603
76	70	57 611	2 923,971	22 499,673	7,695	7,230
77	71	54 771	2 672,894	19 575,702	7,324	6,859
78	72	51 822	2 431,717	16 902,808	6,951	6,486
79	73	48 733	2 198,811	14 471,092	6,581	6,117
80	74	45 514	1 974,584	12 272,281	6,215	5,750
81	75	42 179	1 759,546	10 297,697	5,852	5,388
82	76	38 699	1 552,255	8 538,151	5,500	5,036
83	77	35 113	1 354,261	6 985,896	5,158	4,694
84	78	31 485	1 167,631	5 631,635	4,823	4,358
85	79	27 804	991,457	4 464,004	4,502	4,038
86	80	24 111	826,717	3 472,547	4,200	3,736
87	81	20 498	675,779	2 645,830	3,915	3,450
88	82	17 031	539,882	1 970,051	3,649	3,184
89	83	13 782	420,101	1 430,169	3,404	2,940
90	84	10 854	318,122	1 010,068	3,175	2,710
91	85	8 305	234,035	691,946	2,957	2,492
92	86	6 145	166,514	457,911	2,750	2,285
93	87	4 345	113,212	291,397	2,574	2,109
94	88	2 959	74,128	178,185	2,404	1,939
95	89	1 913	46,089	104,057	2,258	1,793
96	90	1 182	27,385	57,968	2,117	1,652
97	91	683	15,211	30,583	2,011	1,546
98	92	377	8,077	15,372	1,903	1,438
99	93	196	4,033	7,295	1,809	1,344
100	94	95	1,890	3,262	1,726	1,261

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 560	75 657,542	1 809 654,545	23,919	23,454
8	1	99 252	72 522,758	1 733 997,002	23,910	23,445
9	2	99 219	69 710,169	1 661 474,244	23,834	23,369
10	3	99 199	67 015,320	1 591 764,075	23,752	23,287
11	4	99 181	64 426,057	1 524 748,755	23,667	23,202
12	5	99 164	61 937,410	1 460 322,698	23,577	23,113
13	6	99 148	59 545,797	1 398 385,288	23,484	23,019
14	7	99 130	57 245,020	1 338 839,491	23,388	22,923
15	8	99 112	55 033,264	1 281 594,471	23,288	22,823
16	9	99 089	52 904,454	1 226 561,206	23,184	22,720
17	10	99 058	50 853,967	1 173 656,753	23,079	22,614
18	11	99 025	48 881,751	1 122 802,785	22,970	22,505
19	12	98 980	46 980,041	1 073 921,034	22,859	22,394
20	13	98 933	45 151,607	1 026 940,993	22,744	22,279
21	14	98 881	43 392,170	981 789,387	22,626	22,161
22	15	98 832	41 702,486	938 397,217	22,502	22,037
23	16	98 775	40 075,476	896 694,731	22,375	21,910
24	17	98 720	38 512,659	856 619,255	22,243	21,778
25	18	98 659	37 008,778	818 106,596	22,106	21,641
26	19	98 597	35 562,772	781 097,818	21,964	21,499
27	20	98 534	34 173,308	745 535,046	21,816	21,351
28	21	98 471	32 837,703	711 361,737	21,663	21,198
29	22	98 407	31 554,201	678 524,034	21,503	21,039
30	23	98 339	30 319,814	646 969,833	21,338	20,873
31	24	98 266	29 132,057	616 650,019	21,167	20,703
32	25	98 188	27 989,304	587 517,963	20,991	20,526
33	26	98 107	26 890,613	559 528,659	20,808	20,343
34	27	98 017	25 832,578	532 638,045	20,619	20,154
35	28	97 920	24 814,562	506 805,467	20,424	19,959
36	29	97 819	23 835,396	481 990,905	20,222	19,757
37	30	97 709	22 893,026	458 155,510	20,013	19,548
38	31	97 583	21 983,983	435 262,483	19,799	19,334
39	32	97 448	21 109,246	413 278,500	19,578	19,113
40	33	97 306	20 267,794	392 169,255	19,349	18,885
41	34	97 151	19 457,129	371 901,461	19,114	18,649
42	35	96 982	18 676,238	352 444,332	18,871	18,406
43	36	96 802	17 924,658	333 768,094	18,621	18,156
44	37	96 609	17 200,820	315 843,436	18,362	17,897
45	38	96 389	16 501,676	298 642,616	18,098	17,633
46	39	96 142	15 826,365	282 140,939	17,827	17,362
47	40	95 875	15 175,368	266 314,575	17,549	17,084
48	41	95 583	14 547,167	251 139,206	17,264	16,799
49	42	95 258	13 940,189	236 592,040	16,972	16,507
50	43	94 900	13 353,593	222 651,851	16,674	16,209
51	44	94 498	12 785,690	209 298,258	16,370	15,905
52	45	94 057	12 236,532	196 512,568	16,059	15,595
53	46	93 560	11 703,676	184 276,035	15,745	15,280
54	47	93 007	11 187,036	172 572,359	15,426	14,961
55	48	92 386	10 684,918	161 385,323	15,104	14,639
56	49	91 693	10 196,933	150 700,406	14,779	14,314
57	50	90 930	9 723,130	140 503,472	14,450	13,986
58	51	90 096	9 263,413	130 780,343	14,118	13,653
59	52	89 169	8 815,548	121 516,930	13,784	13,320
60	53	88 166	8 381,134	112 701,382	13,447	12,982
61	54	87 075	7 959,066	104 320,248	13,107	12,642
62	55	85 884	7 548,265	96 361,181	12,766	12,301
63	56	84 583	7 148,004	88 812,917	12,425	11,960
64	57	83 187	6 759,615	81 664,913	12,081	11,616
65	58	81 680	6 381,852	74 905,298	11,737	11,272
66	59	80 070	6 015,488	68 523,446	11,391	10,926
67	60	78 370	5 661,302	62 507,957	11,041	10,576
68	61	76 554	5 317,393	56 846,655	10,691	10,226
69	62	74 658	4 986,299	51 529,262	10,334	9,869
70	63	72 635	4 664,566	46 542,963	9,978	9,513
71	64	70 536	4 355,533	41 878,398	9,615	9,150
72	65	68 284	4 054,298	37 522,865	9,255	8,790
73	66	65 966	3 766,031	33 468,567	8,887	8,422
74	67	63 508	3 486,271	29 702,536	8,520	8,055
75	68	60 950	3 217,182	26 216,265	8,149	7,684
76	69	58 285	2 958,151	22 999,083	7,775	7,310
77	70	55 470	2 706,998	20 040,932	7,403	6,939
78	71	52 542	2 465,498	17 333,934	7,031	6,566
79	72	49 466	2 231,873	14 868,435	6,662	6,197
80	73	46 273	2 007,541	12 636,563	6,295	5,830
81	74	42 946	1 791,512	10 629,022	5,933	5,468
82	75	39 458	1 582,692	8 837,510	5,584	5,119
83	76	35 887	1 384,111	7 254,818	5,242	4,777
84	77	32 253	1 196,094	5 870,707	4,908	4,443
85	78	28 589	1 019,439	4 674,613	4,585	4,121
86	79	24 893	853,530	3 655,175	4,282	3,818
87	80	21 273	701,351	2 801,645	3,995	3,530
88	81	17 790	563,948	2 100,294	3,724	3,259
89	82	14 498	441,923	1 536,346	3,477	3,012
90	83	11 507	337,247	1 094,423	3,245	2,780
91	84	8 883	250,348	757,176	3,024	2,560
92	85	6 651	180,234	506,827	2,812	2,347
93	86	4 760	124,025	326,593	2,633	2,168
94	87	3 287	82,360	202,568	2,460	1,995
95	88	2 160	52,031	120,209	2,310	1,845
96	89	1 358	31,459	68,177	2,167	1,702
97	90	801	17,843	36,718	2,058	1,593
98	91	453	9,703	18,876	1,945	1,480
99	92	241	4,964	9,172	1,848	1,383
100	93	121	2,390	4,209	1,761	1,296

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 552	72 741,371	1 735 501,144	23,859	23,394
9	1	99 244	69 727,458	1 662 759,774	23,847	23,382
10	2	99 211	67 023,646	1 593 032,316	23,768	23,303
11	3	99 191	64 432,702	1 526 008,670	23,684	23,219
12	4	99 173	61 943,337	1 461 575,969	23,595	23,131
13	5	99 157	59 551,102	1 399 632,631	23,503	23,038
14	6	99 139	57 250,084	1 340 081,529	23,408	22,943
15	7	99 116	55 035,821	1 282 831,445	23,309	22,844
16	8	99 096	52 908,141	1 227 795,624	23,206	22,741
17	9	99 065	50 857,078	1 174 887,483	23,102	22,637
18	10	99 031	48 884,611	1 124 030,404	22,994	22,529
19	11	98 988	46 983,674	1 075 145,794	22,883	22,419
20	12	98 940	45 155,152	1 028 162,120	22,770	22,305
21	13	98 890	43 396,258	983 006,967	22,652	22,187
22	14	98 841	41 706,331	939 610,709	22,529	22,064
23	15	98 787	40 080,353	897 904,378	22,403	21,938
24	16	98 734	38 518,331	857 824,025	22,271	21,806
25	17	98 673	37 013,818	819 305,695	22,135	21,670
26	18	98 616	35 569,780	782 291,876	21,993	21,528
27	19	98 551	34 179,283	746 722,096	21,847	21,382
28	20	98 489	32 843,775	712 542,814	21,695	21,230
29	21	98 423	31 559,405	679 699,039	21,537	21,072
30	22	98 355	30 324,751	648 139,634	21,373	20,908
31	23	98 284	29 137,300	617 814,883	21,204	20,739
32	24	98 206	27 994,341	588 677,582	21,028	20,564
33	25	98 126	26 895,730	560 683,241	20,847	20,382
34	26	98 035	25 837,440	533 787,511	20,659	20,195
35	27	97 942	24 819,903	507 950,071	20,465	20,001
36	28	97 842	23 841,014	483 130,168	20,265	19,800
37	29	97 735	22 898,952	459 289,155	20,057	19,592
38	30	97 614	21 990,957	436 390,203	19,844	19,379
39	31	97 479	21 115,876	414 399,246	19,625	19,160
40	32	97 339	20 274,741	393 283,370	19,398	18,933
41	33	97 186	19 464,142	373 008,629	19,164	18,699
42	34	97 021	18 683,824	353 544,487	18,922	18,458
43	35	96 842	17 932,048	334 860,663	18,674	18,209
44	36	96 653	17 208,710	316 928,615	18,417	17,952
45	37	96 435	16 509,513	299 719,904	18,154	17,690
46	38	96 200	15 835,918	283 210,392	17,884	17,419
47	39	95 933	15 184,497	267 374,474	17,608	17,144
48	40	95 648	14 557,149	252 189,978	17,324	16,859
49	41	95 329	13 950,516	237 632,829	17,034	16,569
50	42	94 975	13 364,201	223 682,313	16,737	16,273
51	43	94 584	12 797,311	210 318,112	16,435	15,970
52	44	94 149	12 248,420	197 520,801	16,126	15,661
53	45	93 668	11 717,177	185 272,381	15,812	15,347
54	46	93 120	11 200,673	173 555,204	15,495	15,030
55	47	92 512	10 699,579	162 354,531	15,174	14,709
56	48	91 839	10 213,214	151 654,952	14,849	14,384
57	49	91 089	9 740,156	141 441,738	14,522	14,057
58	50	90 263	9 280,612	131 701,582	14,191	13,726
59	51	89 361	8 834,477	122 420,970	13,857	13,392
60	52	88 373	8 400,733	113 586,492	13,521	13,056
61	53	87 300	7 979,555	105 185,760	13,182	12,717
62	54	86 133	7 570,132	97 206,205	12,841	12,376
63	55	84 859	7 171,278	89 636,072	12,499	12,034
64	56	83 486	6 783,881	82 464,794	12,156	11,691
65	57	82 001	6 406,994	75 680,914	11,812	11,347
66	58	80 420	6 041,766	69 273,919	11,466	11,001
67	59	78 741	5 688,072	63 232,153	11,117	10,652
68	60	76 960	5 345,596	57 544,081	10,765	10,300
69	61	75 085	5 014,812	52 198,484	10,409	9,944
70	62	73 083	4 693,357	47 183,672	10,053	9,588
71	63	71 015	4 385,128	42 490,315	9,690	9,225
72	64	68 798	4 084,822	38 105,188	9,328	8,864
73	65	66 496	3 796,289	34 020,365	8,961	8,497
74	66	64 069	3 517,088	30 224,076	8,593	8,129
75	67	61 534	3 247,980	26 706,988	8,223	7,758
76	68	58 901	2 989,437	23 459,008	7,847	7,382
77	69	56 118	2 738,642	20 469,571	7,474	7,010
78	70	53 212	2 496,957	17 730,928	7,101	6,636
79	71	50 153	2 262,878	15 233,971	6,732	6,267
80	72	46 969	2 037,727	12 971,093	6,365	5,901
81	73	43 663	1 821,413	10 933,367	6,003	5,538
82	74	40 174	1 611,445	9 111,954	5,655	5,190
83	75	36 591	1 411,251	7 500,508	5,315	4,850
84	76	32 964	1 222,457	6 089,257	4,981	4,516
85	77	29 286	1 044,289	4 866,800	4,660	4,196
86	78	25 596	877,619	3 822,511	4,356	3,891
87	79	21 963	724,099	2 944,893	4,067	3,602
88	80	18 463	585,288	2 220,794	3,794	3,330
89	81	15 144	461,622	1 635,505	3,543	3,078
90	82	12 104	354,765	1 173,884	3,309	2,844
91	83	9 417	265,400	819,118	3,086	2,622
92	84	7 115	192,798	553,719	2,872	2,407
93	85	5 152	134,244	360,921	2,689	2,224
94	86	3 601	90,226	226,677	2,512	2,048
95	87	2 400	57,809	136,452	2,360	1,896
96	88	1 533	35,515	78,643	2,214	1,750
97	89	920	20,498	43,128	2,104	1,639
98	90	531	11,382	22,630	1,988	1,523
99	91	290	5,963	11,248	1,886	1,421
100	92	149	2,941	5,285	1,797	1,332

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9	0	99 543	69 937,644	1 664 148,777	23,795	23,330
10	1	99 236	67 040,268	1 594 211,133	23,780	23,315
11	2	99 204	64 440,707	1 527 170,865	23,699	23,234
12	3	99 184	61 949,726	1 462 730,158	23,612	23,147
13	4	99 166	59 556,801	1 400 780,432	23,520	23,055
14	5	99 147	57 255,185	1 341 223,631	23,425	22,961
15	6	99 125	55 040,690	1 283 968,446	23,328	22,863
16	7	99 101	52 910,599	1 228 927,756	23,226	22,762
17	8	99 071	50 860,623	1 176 017,157	23,122	22,658
18	9	99 037	48 887,601	1 125 156,535	23,015	22,550
19	10	98 993	46 986,422	1 076 268,933	22,906	22,441
20	11	98 948	45 158,644	1 029 282,511	22,793	22,328
21	12	98 898	43 399,666	984 123,867	22,676	22,211
22	13	98 850	41 710,261	940 724,201	22,554	22,089
23	14	98 796	40 084,049	899 013,940	22,428	21,963
24	15	98 746	38 523,018	858 929,891	22,297	21,832
25	16	98 687	37 019,269	820 406,873	22,162	21,697
26	17	98 630	35 574,624	783 387,604	22,021	21,556
27	18	98 571	34 186,018	747 812,980	21,875	21,410
28	19	98 506	32 849,517	713 626,962	21,724	21,259
29	20	98 441	31 565,241	680 777,446	21,567	21,102
30	21	98 371	30 329,752	649 212,205	21,405	20,940
31	22	98 300	29 142,045	618 882,453	21,237	20,772
32	23	98 223	27 999,380	589 740,408	21,063	20,598
33	24	98 144	26 900,570	561 741,027	20,882	20,417
34	25	98 054	25 842,356	534 840,457	20,696	20,231
35	26	97 960	24 824,575	508 998,101	20,504	20,039
36	27	97 863	23 846,145	484 173,526	20,304	19,839
37	28	97 758	22 904,349	460 327,381	20,098	19,633
38	29	97 639	21 996,649	437 423,032	19,886	19,421
39	30	97 510	21 122,575	415 426,383	19,667	19,203
40	31	97 370	20 281,109	394 303,809	19,442	18,977
41	32	97 219	19 470,813	374 022,700	19,209	18,745
42	33	97 056	18 690,559	354 551,886	18,970	18,505
43	34	96 881	17 939,332	335 861,328	18,722	18,257
44	35	96 693	17 215,805	317 921,996	18,467	18,002
45	36	96 479	16 517,086	300 706,190	18,206	17,741
46	37	96 246	15 843,438	284 189,105	17,937	17,473
47	38	95 991	15 193,662	268 345,667	17,662	17,197
48	39	95 706	14 565,905	253 152,005	17,380	16,915
49	40	95 394	13 960,088	238 586,100	17,091	16,626
50	41	95 046	13 374,101	224 626,012	16,796	16,331
51	42	94 659	12 807,477	211 251,910	16,494	16,030
52	43	94 234	12 259,553	198 444,434	16,187	15,722
53	44	93 759	11 728,561	186 184,881	15,874	15,410
54	45	93 228	11 213,593	174 456,320	15,558	15,093
55	46	92 625	10 712,622	163 242,727	15,238	14,774
56	47	91 966	10 227,228	152 530,105	14,914	14,449
57	48	91 235	9 755,707	142 302,876	14,587	14,122
58	49	90 421	9 296,864	132 547,169	14,257	13,792
59	50	89 527	8 850,880	123 250,306	13,925	13,460
60	51	88 562	8 418,772	114 399,426	13,589	13,124
61	52	87 504	7 998,215	105 980,654	13,251	12,786
62	53	86 355	7 589,620	97 982,439	12,910	12,445
63	54	85 105	7 192,054	90 392,819	12,568	12,104
64	55	83 757	6 805,969	83 200,766	12,225	11,760
65	56	82 296	6 429,994	76 394,797	11,881	11,416
66	57	80 737	6 065,569	69 964,803	11,535	11,070
67	58	79 085	5 712,920	63 899,234	11,185	10,720
68	59	77 324	5 370,874	58 186,314	10,834	10,369
69	60	75 484	5 041,411	52 815,440	10,476	10,012
70	61	73 501	4 720,195	47 774,030	10,121	9,656
71	62	71 453	4 412,194	43 053,835	9,758	9,293
72	63	69 265	4 112,578	38 641,641	9,396	8,931
73	64	66 996	3 824,871	34 529,063	9,028	8,563
74	65	64 584	3 545,346	30 704,192	8,660	8,196
75	66	62 078	3 276,691	27 158,846	8,288	7,824
76	67	59 465	3 018,055	23 882,155	7,913	7,448
77	68	56 712	2 767,607	20 864,100	7,539	7,074
78	69	53 834	2 526,145	18 096,493	7,164	6,699
79	70	50 793	2 291,752	15 570,347	6,794	6,329
80	71	47 622	2 066,035	13 278,596	6,427	5,962
81	72	44 319	1 848,800	11 212,561	6,065	5,600
82	73	40 845	1 638,341	9 363,760	5,715	5,251
83	74	37 256	1 436,890	7 725,420	5,376	4,912
84	75	33 610	1 246,428	6 288,530	5,045	4,580
85	76	29 931	1 067,306	5 042,102	4,724	4,259
86	77	26 220	899,012	3 974,796	4,421	3,956
87	78	22 583	744,535	3 075,784	4,131	3,666
88	79	19 062	604,271	2 331,249	3,858	3,393
89	80	15 718	479,090	1 726,978	3,605	3,140
90	81	12 644	370,579	1 247,888	3,367	2,903
91	82	9 907	279,185	877,308	3,142	2,678
92	83	7 543	204,389	598,123	2,926	2,462
93	84	5 511	143,601	393,734	2,742	2,277
94	85	3 898	97,660	250,133	2,561	2,096
95	86	2 629	63,330	152,473	2,408	1,943
96	87	1 704	39,459	89,143	2,259	1,794
97	88	1 039	23,140	49,684	2,147	1,682
98	89	611	13,075	26,544	2,030	1,565
99	90	340	6,995	13,469	1,925	1,461
100	91	178	3,533	6,474	1,832	1,367

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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10	0	99 535	67 242,354	1 595 493,919	23,728	23,263
11	1	99 228	64 456,688	1 528 251,565	23,710	23,245
12	2	99 196	61 957,423	1 463 794,876	23,626	23,161
13	3	99 177	59 562,944	1 401 837,454	23,535	23,071
14	4	99 157	57 260,664	1 342 274,510	23,441	22,977
15	5	99 134	55 045,594	1 285 013,846	23,345	22,880
16	6	99 109	52 915,280	1 229 968,253	23,244	22,779
17	7	99 076	50 862,986	1 177 052,973	23,142	22,677
18	8	99 044	48 891,008	1 126 189,988	23,035	22,570
19	9	98 999	46 989,297	1 077 298,979	22,926	22,462
20	10	98 954	45 161,286	1 030 309,683	22,814	22,349
21	11	98 905	43 403,022	985 148,397	22,698	22,233
22	12	98 858	41 713,537	941 745,374	22,576	22,112
23	13	98 805	40 087,826	900 031,838	22,452	21,987
24	14	98 755	38 526,570	859 944,012	22,321	21,856
25	15	98 699	37 023,774	821 417,442	22,186	21,721
26	16	98 644	35 579,863	784 393,669	22,046	21,581
27	17	98 584	34 190,673	748 813,805	21,901	21,436
28	18	98 525	32 855,990	714 623,132	21,750	21,285
29	19	98 458	31 570,759	681 767,142	21,595	21,130
30	20	98 390	30 335,361	650 196,383	21,434	20,969
31	21	98 316	29 146,851	619 861,022	21,267	20,802
32	22	98 239	28 003,940	590 714,171	21,094	20,629
33	23	98 161	26 905,412	562 710,232	20,914	20,450
34	24	98 072	25 847,007	535 804,820	20,730	20,265
35	25	97 979	24 829,298	509 957,813	20,539	20,074
36	26	97 881	23 850,634	485 128,515	20,340	19,875
37	27	97 779	22 909,279	461 277,881	20,135	19,670
38	28	97 662	22 001,833	438 368,602	19,924	19,459
39	29	97 535	21 128,042	416 366,769	19,707	19,242
40	30	97 401	20 287,543	395 238,727	19,482	19,017
41	31	97 250	19 476,929	374 951,184	19,251	18,786
42	32	97 089	18 696,965	355 474,255	19,012	18,548
43	33	96 916	17 945,798	336 777,290	18,766	18,302
44	34	96 732	17 222,798	318 831,492	18,512	18,047
45	35	96 519	16 523,896	301 608,694	18,253	17,788
46	36	96 290	15 850,705	285 084,799	17,986	17,521
47	37	96 036	15 200,877	269 234,093	17,712	17,247
48	38	95 763	14 574,697	254 033,216	17,430	16,965
49	39	95 452	13 968,485	239 458,519	17,143	16,678
50	40	95 111	13 383,278	225 490,033	16,849	16,384
51	41	94 730	12 816,964	212 106,755	16,549	16,084
52	42	94 309	12 269,292	199 289,790	16,243	15,778
53	43	93 844	11 739,221	187 020,499	15,931	15,466
54	44	93 318	11 224,488	175 281,278	15,616	15,151
55	45	92 732	10 724,980	164 056,790	15,297	14,832
56	46	92 078	10 239,695	153 331,811	14,974	14,509
57	47	91 360	9 769,094	143 092,116	14,647	14,183
58	48	90 566	9 311,707	133 323,022	14,318	13,853
59	49	89 684	8 866,379	124 011,315	13,987	13,522
60	50	88 727	8 434,402	115 144,936	13,652	13,187
61	51	87 692	8 015,389	106 710,534	13,313	12,848
62	52	86 557	7 607,368	98 695,144	12,974	12,509
63	53	85 324	7 210,568	91 087,777	12,633	12,168
64	54	84 000	6 825,687	83 877,209	12,288	11,824
65	55	82 564	6 450,930	77 051,522	11,944	11,479
66	56	81 027	6 087,343	70 600,592	11,598	11,133
67	57	79 396	5 735,427	64 513,249	11,248	10,783
68	58	77 661	5 394,336	58 777,823	10,896	10,431
69	59	75 841	5 065,250	53 383,487	10,539	10,074
70	60	73 891	4 745,231	48 318,237	10,182	9,718
71	61	71 862	4 437,425	43 573,007	9,819	9,355
72	62	69 693	4 137,962	39 135,582	9,458	8,993
73	63	67 451	3 850,860	34 997,620	9,088	8,623
74	64	65 070	3 572,039	31 146,760	8,720	8,255
75	65	62 577	3 303,018	27 574,722	8,348	7,884
76	66	59 991	3 044,734	24 271,704	7,972	7,507
77	67	57 254	2 794,102	21 226,970	7,597	7,132
78	68	54 404	2 552,863	18 432,869	7,220	6,756
79	69	51 386	2 318,541	15 880,006	6,849	6,384
80	70	48 229	2 092,397	13 561,465	6,481	6,016
81	71	44 935	1 874,484	11 469,068	6,119	5,654
82	72	41 459	1 662,975	9 594,584	5,770	5,305
83	73	37 877	1 460,872	7 931,609	5,429	4,965
84	74	34 221	1 269,072	6 470,737	5,099	4,634
85	75	30 518	1 088,235	5 201,665	4,780	4,315
86	76	26 798	918,827	4 113,431	4,477	4,012
87	77	23 134	762,684	3 194,603	4,189	3,724
88	78	19 600	621,326	2 431,919	3,914	3,449
89	79	16 227	494,629	1 810,594	3,661	3,196
90	80	13 122	384,602	1 315,965	3,422	2,957
91	81	10 348	291,630	931,363	3,194	2,729
92	82	7 934	215,005	639,732	2,975	2,511
93	83	5 843	152,235	424,727	2,790	2,325
94	84	4 170	104,467	272,492	2,608	2,144
95	85	2 846	68,548	168,025	2,451	1,986
96	86	1 866	43,227	99,476	2,301	1,836
97	87	1 154	25,710	56,249	2,188	1,723
98	88	689	14,761	30,539	2,069	1,604
99	89	390	8,036	15,778	1,963	1,499
100	90	209	4,144	7,742	1,868	1,403

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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11	0	99 527	64 650,987	1 529 436,452	23,657	23,192
12	1	99 220	61 972,788	1 464 785,465	23,636	23,171
13	2	99 189	59 570,344	1 402 812,677	23,549	23,084
14	3	99 167	57 266,570	1 343 242,333	23,456	22,991
15	4	99 143	55 050,861	1 285 975,764	23,360	22,895
16	5	99 118	52 919,994	1 230 924,902	23,260	22,795
17	6	99 085	50 867,485	1 178 004,909	23,158	22,693
18	7	99 049	48 893,280	1 127 137,423	23,053	22,588
19	8	99 006	46 992,572	1 078 244,144	22,945	22,480
20	9	98 960	45 164,049	1 031 251,572	22,833	22,369
21	10	98 911	43 405,561	986 087,523	22,718	22,253
22	11	98 865	41 716,762	942 681,962	22,597	22,132
23	12	98 813	40 090,974	900 965,200	22,473	22,008
24	13	98 765	38 530,200	860 874,226	22,343	21,878
25	14	98 708	37 027,188	822 344,026	22,209	21,744
26	15	98 656	35 584,193	785 316,838	22,069	21,604
27	16	98 599	34 195,708	749 732,646	21,925	21,460
28	17	98 539	32 860,464	715 536,937	21,775	21,310
29	18	98 478	31 576,980	682 676,473	21,619	21,155
30	19	98 407	30 340,664	651 099,493	21,460	20,995
31	20	98 334	29 152,241	620 758,829	21,294	20,829
32	21	98 256	28 008,558	591 606,588	21,122	20,658
33	22	98 177	26 909,793	563 598,030	20,944	20,479
34	23	98 089	25 851,660	536 688,237	20,760	20,295
35	24	97 996	24 833,766	510 836,577	20,570	20,105
36	25	97 900	23 855,171	486 002,811	20,373	19,908
37	26	97 797	22 913,591	462 147,639	20,169	19,704
38	27	97 683	22 006,569	439 234,048	19,959	19,494
39	28	97 558	21 133,022	417 227,479	19,743	19,278
40	29	97 426	20 292,794	396 094,458	19,519	19,054
41	30	97 280	19 483,108	375 801,664	19,289	18,824
42	31	97 120	18 702,837	356 318,556	19,052	18,587
43	32	96 949	17 951,949	337 615,718	18,807	18,342
44	33	96 767	17 229,006	319 663,769	18,554	18,089
45	34	96 558	16 530,607	302 434,763	18,295	17,831
46	35	96 330	15 857,241	285 904,156	18,030	17,565
47	36	96 080	15 207,850	270 046,916	17,757	17,292
48	37	95 809	14 581,618	254 839,065	17,477	17,012
49	38	95 509	13 976,917	240 257,447	17,190	16,725
50	39	95 168	13 391,328	226 280,530	16,898	16,433
51	40	94 795	12 825,759	212 889,202	16,599	16,134
52	41	94 379	12 278,381	200 063,443	16,294	15,829
53	42	93 918	11 748,546	187 785,062	15,984	15,519
54	43	93 403	11 234,689	176 036,515	15,669	15,204
55	44	92 822	10 735,399	164 801,826	15,351	14,886
56	45	92 184	10 251,507	154 066,427	15,029	14,564
57	46	91 471	9 781,002	143 814,919	14,703	14,239
58	47	90 690	9 324,484	134 033,917	14,374	13,910
59	48	89 827	8 880,535	124 709,433	14,043	13,578
60	49	88 882	8 449,172	115 828,898	13,709	13,244
61	50	87 854	8 030,271	107 379,726	13,372	12,907
62	51	86 743	7 623,703	99 349,455	13,032	12,567
63	52	85 523	7 227,429	91 725,752	12,691	12,227
64	53	84 216	6 843,258	84 498,323	12,348	11,883
65	54	82 803	6 469,619	77 655,065	12,003	11,538
66	55	81 291	6 107,163	71 185,446	11,656	11,191
67	56	79 681	5 756,016	65 078,283	11,306	10,841
68	57	77 967	5 415,587	59 322,267	10,954	10,489
69	58	76 172	5 087,377	53 906,680	10,596	10,131
70	59	74 240	4 767,669	48 819,303	10,240	9,775
71	60	72 243	4 460,961	44 051,634	9,875	9,410
72	61	70 091	4 161,624	39 590,673	9,513	9,048
73	62	67 868	3 874,629	35 429,049	9,144	8,679
74	63	65 513	3 596,310	31 554,421	8,774	8,309
75	64	63 048	3 327,886	27 958,111	8,401	7,936
76	65	60 473	3 069,196	24 630,225	8,025	7,560
77	66	57 761	2 818,800	21 561,029	7,649	7,184
78	67	54 924	2 577,301	18 742,228	7,272	6,807
79	68	51 930	2 343,063	16 164,927	6,899	6,434
80	69	48 793	2 116,856	13 821,864	6,529	6,065
81	70	45 508	1 898,402	11 705,008	6,166	5,701
82	71	42 035	1 686,078	9 806,606	5,816	5,351
83	72	38 447	1 482,838	8 120,529	5,476	5,012
84	73	34 792	1 290,253	6 637,691	5,144	4,680
85	74	31 072	1 108,005	5 347,438	4,826	4,361
86	75	27 323	936,844	4 239,433	4,525	4,060
87	76	23 644	779,494	3 302,589	4,237	3,772
88	77	20 078	636,471	2 523,095	3,964	3,499
89	78	16 685	508,589	1 886,623	3,710	3,245
90	79	13 548	397,076	1 378,035	3,470	3,006
91	80	10 740	302,666	980,958	3,241	2,776
92	81	8 288	224,590	678,292	3,020	2,555
93	82	6 146	160,142	453,703	2,833	2,368
94	83	4 420	110,748	293,560	2,651	2,186
95	84	3 044	73,327	182,812	2,493	2,028
96	85	2 020	46,789	109,486	2,340	1,875
97	86	1 265	28,165	62,697	2,226	1,761
98	87	766	16,400	34,531	2,106	1,641
99	88	441	9,072	18,131	1,999	1,534
100	89	240	4,761	9,059	1,903	1,438

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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12	0	99 520	62 159,599	1 465 880,168	23,583	23,118
13	1	99 214	59 585,117	1 403 720,569	23,558	23,093
14	2	99 179	57 273,684	1 344 135,452	23,469	23,004
15	3	99 154	55 056,539	1 286 861,767	23,373	22,909
16	4	99 128	52 925,058	1 231 805,228	23,275	22,810
17	5	99 094	50 872,017	1 178 880,170	23,173	22,709
18	6	99 058	48 897,605	1 128 008,153	23,069	22,604
19	7	99 011	46 994,755	1 079 110,548	22,962	22,498
20	8	98 967	45 167,196	1 032 115,794	22,851	22,386
21	9	98 917	43 408,217	986 948,597	22,736	22,272
22	10	98 871	41 719,203	943 540,381	22,616	22,152
23	11	98 820	40 094,074	901 821,178	22,493	22,028
24	12	98 772	38 533,226	861 727,104	22,363	21,898
25	13	98 718	37 030,677	823 193,878	22,230	21,765
26	14	98 665	35 587,474	786 163,202	22,091	21,626
27	15	98 611	34 199,869	750 575,728	21,947	21,482
28	16	98 553	32 865,304	716 375,858	21,797	21,333
29	17	98 491	31 581,281	683 510,554	21,643	21,178
30	18	98 426	30 346,643	651 929,274	21,483	21,018
31	19	98 352	29 157,337	621 582,631	21,318	20,853
32	20	98 274	28 013,737	592 425,294	21,148	20,683
33	21	98 193	26 914,231	564 411,557	20,971	20,506
34	22	98 105	25 855,869	537 497,326	20,788	20,323
35	23	98 014	24 838,236	511 641,456	20,599	20,134
36	24	97 918	23 859,465	486 803,220	20,403	19,938
37	25	97 816	22 917,951	462 943,756	20,200	19,735
38	26	97 701	22 010,711	440 025,805	19,991	19,527
39	27	97 579	21 137,570	418 015,094	19,776	19,311
40	28	97 449	20 297,577	396 877,524	19,553	19,088
41	29	97 306	19 488,151	376 579,947	19,324	18,859
42	30	97 151	18 708,771	357 091,796	19,087	18,622
43	31	96 980	17 957,588	338 383,025	18,843	18,379
44	32	96 800	17 234,911	320 425,437	18,592	18,127
45	33	96 593	16 536,566	303 190,526	18,335	17,870
46	34	96 369	15 863,681	286 653,961	18,070	17,605
47	35	96 120	15 214,120	270 790,279	17,799	17,334
48	36	95 853	14 588,307	255 576,159	17,519	17,054
49	37	95 555	13 983,555	240 987,852	17,234	16,769
50	38	95 225	13 399,412	227 004,297	16,941	16,477
51	39	94 852	12 833,474	213 604,886	16,644	16,180
52	40	94 444	12 286,806	200 771,412	16,340	15,876
53	41	93 988	11 757,250	188 484,606	16,031	15,567
54	42	93 477	11 243,614	176 727,356	15,718	15,253
55	43	92 907	10 745,157	165 483,742	15,401	14,936
56	44	92 273	10 261,467	154 738,585	15,080	14,615
57	45	91 577	9 792,285	144 477,119	14,754	14,289
58	46	90 800	9 335,851	134 684,833	14,427	13,962
59	47	89 950	8 892,721	125 348,983	14,096	13,631
60	48	89 024	8 462,662	116 456,262	13,761	13,296
61	49	88 008	8 044,333	107 993,600	13,425	12,960
62	50	86 904	7 637,858	99 949,267	13,086	12,621
63	51	85 707	7 242,949	92 311,409	12,745	12,280
64	52	84 413	6 859,260	85 068,461	12,402	11,937
65	53	83 016	6 486,274	78 209,201	12,058	11,593
66	54	81 526	6 124,856	71 722,927	11,710	11,245
67	55	79 941	5 774,757	65 598,071	11,359	10,895
68	56	78 247	5 435,028	59 823,313	11,007	10,542
69	57	76 472	5 107,419	54 388,285	10,649	10,184
70	58	74 565	4 788,496	49 280,867	10,292	9,827
71	59	72 585	4 482,055	44 492,370	9,927	9,462
72	60	70 463	4 183,697	40 010,316	9,563	9,099
73	61	68 256	3 896,785	35 826,618	9,194	8,729
74	62	65 917	3 618,507	31 929,833	8,824	8,359
75	63	63 476	3 350,498	28 311,326	8,450	7,985
76	64	60 928	3 092,304	24 960,828	8,072	7,607
77	65	58 225	2 841,448	21 868,524	7,696	7,231
78	66	55 410	2 600,084	19 027,076	7,318	6,853
79	67	52 427	2 365,493	16 426,992	6,944	6,480
80	68	49 309	2 139,245	14 061,499	6,573	6,108
81	69	46 040	1 920,593	11 922,254	6,208	5,743
82	70	42 571	1 707,591	10 001,661	5,857	5,392
83	71	38 981	1 503,437	8 294,070	5,517	5,052
84	72	35 315	1 309,654	6 790,633	5,185	4,720
85	73	31 591	1 126,498	5 480,979	4,866	4,401
86	74	27 820	953,864	4 354,481	4,565	4,100
87	75	24 107	794,779	3 400,617	4,279	3,814
88	76	20 520	650,500	2 605,838	4,006	3,541
89	77	17 092	520,986	1 955,338	3,753	3,288
90	78	13 930	408,283	1 434,352	3,513	3,048
91	79	11 088	312,483	1 026,069	3,284	2,819
92	80	8 602	233,088	713,586	3,061	2,597
93	81	6 420	167,281	480,498	2,872	2,408
94	82	4 650	116,501	313,217	2,689	2,224
95	83	3 227	77,735	196,716	2,531	2,066
96	84	2 161	50,051	118,981	2,377	1,912
97	85	1 369	30,486	68,931	2,261	1,796
98	86	839	17,967	38,445	2,140	1,675
99	87	489	10,079	20,478	2,032	1,567
100	88	271	5,375	10,399	1,935	1,470

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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12						
13	0	99 513	59 764,731	1 404 732,218	23,504	23,040
14	1	99 204	57 287,888	1 344 967,487	23,477	23,013
15	2	99 166	55 063,379	1 287 679,599	23,385	22,921
16	3	99 138	52 930,517	1 232 616,219	23,287	22,823
17	4	99 103	50 876,885	1 179 685,703	23,187	22,722
18	5	99 066	48 901,961	1 128 808,818	23,083	22,618
19	6	99 020	46 998,912	1 079 906,856	22,977	22,512
20	7	98 971	45 169,295	1 032 907,944	22,867	22,403
21	8	98 924	43 411,242	987 738,649	22,753	22,288
22	9	98 877	41 721,755	944 327,408	22,634	22,169
23	10	98 826	40 096,420	902 605,653	22,511	22,046
24	11	98 780	38 536,206	862 509,233	22,382	21,917
25	12	98 725	37 033,585	823 973,028	22,249	21,785
26	13	98 674	35 590,827	786 939,443	22,111	21,646
27	14	98 620	34 203,023	751 348,616	21,967	21,502
28	15	98 565	32 869,303	717 145,593	21,818	21,353
29	16	98 506	31 585,931	684 276,290	21,664	21,199
30	17	98 440	30 350,775	652 690,358	21,505	21,040
31	18	98 371	29 163,083	622 339,583	21,340	20,875
32	19	98 291	28 018,635	593 176,500	21,171	20,706
33	20	98 212	26 919,208	565 157,866	20,995	20,530
34	21	98 122	25 860,133	538 238,658	20,813	20,349
35	22	98 030	24 842,281	512 378,524	20,625	20,160
36	23	97 935	23 863,759	487 536,244	20,430	19,965
37	24	97 833	22 922,075	463 672,484	20,228	19,763
38	25	97 720	22 014,899	440 750,409	20,021	19,556
39	26	97 597	21 141,549	418 735,510	19,806	19,341
40	27	97 470	20 301,946	397 593,961	19,584	19,119
41	28	97 328	19 492,744	377 292,015	19,356	18,891
42	29	97 176	18 713,613	357 799,271	19,120	18,655
43	30	97 011	17 963,284	339 085,658	18,877	18,412
44	31	96 831	17 240,325	321 122,374	18,626	18,161
45	32	96 626	16 542,234	303 882,049	18,370	17,905
46	33	96 404	15 869,399	287 339,816	18,107	17,642
47	34	96 159	15 220,300	271 470,416	17,836	17,371
48	35	95 892	14 594,322	256 250,116	17,558	17,093
49	36	95 598	13 989,969	241 655,795	17,274	16,809
50	37	95 271	13 405,775	227 665,826	16,983	16,518
51	38	94 909	12 841,220	214 260,051	16,685	16,221
52	39	94 500	12 294,197	201 418,831	16,383	15,918
53	40	94 053	11 765,317	189 124,634	16,075	15,610
54	41	93 547	11 251,944	177 359,317	15,763	15,298
55	42	92 980	10 753,692	166 107,373	15,447	14,982
56	43	92 357	10 270,793	155 353,681	15,126	14,661
57	44	91 666	9 801,799	145 082,888	14,802	14,337
58	45	90 905	9 346,620	135 281,089	14,474	14,009
59	46	90 060	8 903,561	125 934,469	14,144	13,679
60	47	89 146	8 474,274	117 030,908	13,810	13,345
61	48	88 149	8 057,176	108 556,633	13,473	13,008
62	49	87 056	7 651,232	100 499,457	13,135	12,670
63	50	85 866	7 256,396	92 848,224	12,795	12,331
64	51	84 595	6 873,989	85 591,828	12,452	11,987
65	52	83 210	6 501,441	78 717,839	12,108	11,643
66	53	81 736	6 140,623	72 216,398	11,760	11,296
67	54	80 172	5 791,487	66 075,774	11,409	10,944
68	55	78 502	5 452,725	60 284,287	11,056	10,591
69	56	76 746	5 125,753	54 831,563	10,697	10,232
70	57	74 858	4 807,361	49 705,809	10,340	9,875
71	58	72 902	4 501,634	44 898,448	9,974	9,509
72	59	70 796	4 203,480	40 396,814	9,610	9,146
73	60	68 618	3 917,454	36 193,334	9,239	8,774
74	61	66 294	3 639,199	32 275,880	8,869	8,404
75	62	63 868	3 371,178	28 636,681	8,495	8,030
76	63	61 342	3 113,316	25 265,503	8,115	7,650
77	64	58 663	2 862,841	22 152,187	7,738	7,273
78	65	55 855	2 620,974	19 289,346	7,360	6,895
79	66	52 890	2 386,403	16 668,372	6,985	6,520
80	67	49 781	2 159,724	14 281,969	6,613	6,148
81	68	46 527	1 940,906	12 122,245	6,246	5,781
82	69	43 069	1 727,552	10 181,339	5,894	5,429
83	70	39 478	1 522,621	8 453,787	5,552	5,087
84	71	35 805	1 327,847	6 931,166	5,220	4,755
85	72	32 066	1 143,436	5 603,319	4,900	4,436
86	73	28 284	969,784	4 459,883	4,599	4,134
87	74	24 545	809,218	3 490,098	4,313	3,848
88	75	20 923	663,255	2 680,880	4,042	3,577
89	76	17 469	532,469	2 017,625	3,789	3,324
90	77	14 270	418,235	1 485,156	3,551	3,086
91	78	11 401	321,302	1 066,920	3,321	2,856
92	79	8 881	240,648	745,618	3,098	2,634
93	80	6 663	173,611	504,970	2,909	2,444
94	81	4 857	121,694	331,359	2,723	2,258
95	82	3 395	81,773	209,665	2,564	2,099
96	83	2 291	53,060	127,893	2,410	1,946
97	84	1 464	32,611	74,833	2,295	1,830
98	85	908	19,447	42,222	2,171	1,706
99	86	536	11,042	22,775	2,063	1,598
100	87	302	5,972	11,733	1,965	1,500

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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14	0	99 503	57 460,577	1 345 902,641	23,423	22,958
15	1	99 191	55 077,035	1 288 442,064	23,393	22,929
16	2	99 150	52 937,093	1 233 365,029	23,299	22,834
17	3	99 113	50 882,132	1 180 427,936	23,199	22,734
18	4	99 076	48 906,641	1 129 545,803	23,096	22,631
19	5	99 028	47 003,099	1 080 639,162	22,991	22,526
20	6	98 980	45 173,291	1 033 636,063	22,882	22,417
21	7	98 929	43 413,259	988 462,773	22,769	22,304
22	8	98 884	41 724,663	945 049,514	22,650	22,185
23	9	98 832	40 098,872	903 324,852	22,527	22,063
24	10	98 786	38 538,460	863 225,979	22,399	21,934
25	11	98 733	37 036,448	824 687,519	22,267	21,802
26	12	98 682	35 593,622	787 651,071	22,129	21,664
27	13	98 629	34 206,246	752 057,449	21,986	21,521
28	14	98 574	32 872,334	717 851,203	21,838	21,373
29	15	98 517	31 589,775	684 978,869	21,684	21,219
30	16	98 454	30 355,245	653 389,094	21,525	21,060
31	17	98 384	29 167,054	623 033,849	21,361	20,896
32	18	98 310	28 024,156	593 866,795	21,191	20,726
33	19	98 229	26 923,914	565 842,639	21,016	20,552
34	20	98 140	25 864,915	538 918,725	20,836	20,371
35	21	98 046	24 846,378	513 053,809	20,649	20,184
36	22	97 951	23 867,645	488 207,432	20,455	19,990
37	23	97 851	22 926,201	464 339,786	20,254	19,789
38	24	97 738	22 018,861	441 413,585	20,047	19,582
39	25	97 616	21 145,571	419 394,724	19,834	19,369
40	26	97 488	20 305,767	398 249,153	19,613	19,148
41	27	97 349	19 496,940	377 943,386	19,385	18,920
42	28	97 199	18 718,024	358 446,446	19,150	18,685
43	29	97 036	17 967,934	339 728,422	18,907	18,443
44	30	96 861	17 245,794	321 760,489	18,657	18,193
45	31	96 656	16 547,429	304 514,695	18,403	17,938
46	32	96 437	15 874,839	287 967,265	18,140	17,675
47	33	96 194	15 225,786	272 092,427	17,871	17,406
48	34	95 931	14 600,249	256 866,641	17,593	17,128
49	35	95 638	13 995,737	242 266,391	17,310	16,845
50	36	95 314	13 411,924	228 270,654	17,020	16,555
51	37	94 954	12 847,318	214 858,730	16,724	16,259
52	38	94 557	12 301,618	202 011,411	16,422	15,957
53	39	94 109	11 772,394	189 709,794	16,115	15,650
54	40	93 611	11 259,664	177 937,400	15,803	15,338
55	41	93 049	10 761,659	166 677,736	15,488	15,023
56	42	92 431	10 278,952	155 916,077	15,168	14,704
57	43	91 749	9 810,707	145 637,124	14,845	14,380
58	44	90 993	9 355,701	135 826,417	14,518	14,053
59	45	90 164	8 913,832	126 470,716	14,188	13,723
60	46	89 255	8 484,604	117 556,884	13,855	13,390
61	47	88 270	8 068,232	109 072,280	13,519	13,054
62	48	87 195	7 663,448	101 004,048	13,180	12,715
63	49	86 016	7 269,103	93 340,599	12,841	12,376
64	50	84 752	6 886,752	86 071,496	12,498	12,033
65	51	83 389	6 515,402	79 184,744	12,153	11,689
66	52	81 927	6 154,983	72 669,343	11,807	11,342
67	53	80 379	5 806,396	66 514,360	11,455	10,991
68	54	78 729	5 468,521	60 707,964	11,101	10,637
69	55	76 996	5 142,443	55 239,442	10,742	10,277
70	56	75 127	4 824,618	50 096,999	10,384	9,919
71	57	73 189	4 519,369	45 272,381	10,017	9,553
72	58	71 105	4 221,843	40 753,012	9,653	9,188
73	59	68 942	3 935,978	36 531,169	9,281	8,817
74	60	66 645	3 658,501	32 595,192	8,909	8,445
75	61	64 233	3 390,456	28 936,690	8,535	8,070
76	62	61 720	3 132,532	25 546,234	8,155	7,690
77	63	59 062	2 882,293	22 413,702	7,776	7,312
78	64	56 276	2 640,707	19 531,409	7,396	6,931
79	65	53 315	2 405,577	16 890,702	7,021	6,557
80	66	50 221	2 178,815	14 485,125	6,648	6,183
81	67	46 972	1 959,486	12 306,311	6,280	5,816
82	68	43 525	1 745,824	10 346,824	5,927	5,462
83	69	39 940	1 540,420	8 601,001	5,584	5,119
84	70	36 262	1 344,790	7 060,581	5,250	4,786
85	71	32 512	1 159,321	5 715,791	4,930	4,465
86	72	28 709	984,366	4 556,470	4,629	4,164
87	73	24 955	822,724	3 572,104	4,342	3,877
88	74	21 303	675,305	2 749,380	4,071	3,606
89	75	17 811	542,910	2 074,075	3,820	3,355
90	76	14 584	427,454	1 531,165	3,582	3,117
91	77	11 679	329,134	1 103,711	3,353	2,889
92	78	9 131	247,440	774,577	3,130	2,666
93	79	6 879	179,242	527,137	2,941	2,476
94	80	5 041	126,299	347,895	2,755	2,290
95	81	3 546	85,418	221,596	2,594	2,129
96	82	2 410	55,816	136,178	2,440	1,975
97	83	1 552	34,572	80,362	2,325	1,860
98	84	971	20,803	45,791	2,201	1,736
99	85	580	11,951	24,988	2,091	1,626
100	86	330	6,542	13,037	1,993	1,528

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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15	0	99 490	55 243,059	1 289 306,750	23,339	22,874
16	1	99 175	52 950,221	1 234 063,690	23,306	22,841
17	2	99 126	50 888,454	1 181 113,469	23,210	22,745
18	3	99 086	48 911,685	1 130 225,015	23,107	22,643
19	4	99 038	47 007,597	1 081 313,330	23,003	22,538
20	5	98 989	45 177,315	1 034 305,733	22,894	22,430
21	6	98 937	43 417,099	989 128,418	22,782	22,317
22	7	98 889	41 726,601	945 711,318	22,664	22,200
23	8	98 839	40 101,667	903 984,717	22,542	22,078
24	9	98 792	38 540,818	863 883,050	22,415	21,950
25	10	98 739	37 038,615	825 342,233	22,283	21,818
26	11	98 690	35 596,375	788 303,618	22,146	21,681
27	12	98 637	34 208,932	752 707,243	22,003	21,538
28	13	98 584	32 875,431	718 498,311	21,855	21,390
29	14	98 527	31 592,688	685 622,880	21,702	21,237
30	15	98 466	30 358,939	654 030,192	21,543	21,078
31	16	98 399	29 171,350	623 671,253	21,380	20,915
32	17	98 324	28 027,972	594 499,904	21,211	20,746
33	18	98 248	26 929,220	566 471,931	21,036	20,571
34	19	98 157	25 869,437	539 542,712	20,856	20,392
35	20	98 064	24 850,972	513 673,275	20,670	20,205
36	21	97 967	23 871,582	488 822,303	20,477	20,012
37	22	97 867	22 929,934	464 950,721	20,277	19,812
38	23	97 755	22 022,824	442 020,787	20,071	19,606
39	24	97 633	21 149,377	419 997,962	19,859	19,394
40	25	97 507	20 309,631	398 848,585	19,638	19,174
41	26	97 368	19 500,609	378 538,955	19,412	18,947
42	27	97 220	18 722,053	359 038,345	19,177	18,712
43	28	97 059	17 972,169	340 316,293	18,936	18,471
44	29	96 886	17 250,258	322 344,124	18,686	18,222
45	30	96 687	16 552,679	305 093,866	18,432	17,967
46	31	96 467	15 879,825	288 541,188	18,170	17,705
47	32	96 227	15 231,005	272 661,363	17,902	17,437
48	33	95 966	14 605,512	257 430,358	17,626	17,161
49	34	95 677	14 001,422	242 824,846	17,343	16,878
50	35	95 354	13 417,454	228 823,424	17,054	16,589
51	36	94 997	12 853,212	215 405,970	16,759	16,294
52	37	94 602	12 307,460	202 552,759	16,458	15,993
53	38	94 166	11 779,500	190 245,299	16,151	15,686
54	39	93 667	11 266,437	178 465,799	15,840	15,376
55	40	93 113	10 769,043	167 199,362	15,526	15,061
56	41	92 499	10 286,567	156 430,319	15,207	14,742
57	42	91 822	9 818,501	146 143,752	14,885	14,420
58	43	91 076	9 364,204	136 325,251	14,558	14,093
59	44	90 251	8 922,492	126 961,047	14,229	13,765
60	45	89 358	8 494,392	118 038,555	13,896	13,431
61	46	88 377	8 078,068	109 544,163	13,561	13,096
62	47	87 315	7 673,964	101 466,096	13,222	12,757
63	48	86 154	7 280,709	93 792,132	12,882	12,417
64	49	84 900	6 898,811	86 511,423	12,540	12,075
65	50	83 544	6 527,499	79 612,611	12,196	11,732
66	51	82 103	6 168,199	73 085,113	11,849	11,384
67	52	80 567	5 819,974	66 916,914	11,498	11,033
68	53	78 932	5 482,599	61 096,940	11,144	10,679
69	54	77 219	5 157,341	55 614,341	10,784	10,319
70	55	75 372	4 840,327	50 457,000	10,424	9,959
71	56	73 452	4 535,592	45 616,672	10,057	9,593
72	57	71 386	4 238,475	41 081,080	9,692	9,228
73	58	69 244	3 953,172	36 842,605	9,320	8,855
74	59	66 961	3 675,801	32 889,433	8,948	8,483
75	60	64 574	3 408,439	29 213,632	8,571	8,106
76	61	62 073	3 150,445	25 805,193	8,191	7,726
77	62	59 426	2 900,084	22 654,748	7,812	7,347
78	63	56 658	2 658,650	19 754,665	7,430	6,966
79	64	53 717	2 423,688	17 096,015	7,054	6,589
80	65	50 625	2 196,320	14 672,326	6,680	6,216
81	66	47 388	1 976,807	12 476,006	6,311	5,846
82	67	43 941	1 762,536	10 499,199	5,957	5,492
83	68	40 362	1 556,712	8 736,662	5,612	5,147
84	69	36 686	1 360,510	7 179,951	5,277	4,813
85	70	32 926	1 174,113	5 819,441	4,956	4,492
86	71	29 108	998,041	4 645,327	4,654	4,190
87	72	25 330	835,095	3 647,286	4,368	3,903
88	73	21 658	686,576	2 812,191	4,096	3,631
89	74	18 135	552,774	2 125,615	3,845	3,381
90	75	14 870	435,836	1 572,842	3,609	3,144
91	76	11 936	336,388	1 137,006	3,380	2,915
92	77	9 354	253,472	800,618	3,159	2,694
93	78	7 073	184,301	547,146	2,969	2,504
94	79	5 205	130,395	362,846	2,783	2,318
95	80	3 680	88,650	232,450	2,622	2,157
96	81	2 517	58,304	143,800	2,466	2,002
97	82	1 633	36,367	85,496	2,351	1,886
98	83	1 030	22,053	49,129	2,228	1,763
99	84	621	12,785	27,076	2,118	1,653
100	85	358	7,081	14,291	2,018	1,553

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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16	0	99 474	53 109,835	1 234 863,443	23,251	22,786
17	1	99 150	50 901,075	1 181 753,609	23,217	22,752
18	2	99 098	48 917,762	1 130 852,534	23,117	22,653
19	3	99 048	47 012,446	1 081 934,772	23,014	22,549
20	4	98 999	45 181,638	1 034 922,327	22,906	22,441
21	5	98 946	43 420,967	989 740,689	22,794	22,329
22	6	98 897	41 730,292	946 319,721	22,677	22,212
23	7	98 844	40 103,530	904 589,429	22,556	22,092
24	8	98 799	38 543,504	864 485,899	22,429	21,964
25	9	98 745	37 040,881	825 942,395	22,298	21,833
26	10	98 696	35 598,457	788 901,515	22,161	21,696
27	11	98 645	34 211,578	753 303,058	22,019	21,554
28	12	98 591	32 878,013	719 091,480	21,872	21,407
29	13	98 536	31 595,665	686 213,467	21,719	21,254
30	14	98 475	30 361,738	654 617,802	21,561	21,096
31	15	98 411	29 174,899	624 256,064	21,397	20,932
32	16	98 338	28 032,100	595 081,165	21,229	20,764
33	17	98 261	26 932,887	567 049,065	21,054	20,589
34	18	98 176	25 874,535	540 116,178	20,874	20,410
35	19	98 081	24 855,317	514 241,643	20,689	20,225
36	20	97 985	23 875,996	489 386,327	20,497	20,032
37	21	97 883	22 933,716	465 510,331	20,298	19,833
38	22	97 771	22 026,410	442 576,615	20,093	19,628
39	23	97 651	21 153,184	420 550,205	19,881	19,416
40	24	97 525	20 313,286	399 397,021	19,662	19,197
41	25	97 386	19 504,320	379 083,735	19,436	18,971
42	26	97 238	18 725,577	359 579,416	19,203	18,738
43	27	97 080	17 976,037	340 853,839	18,962	18,497
44	28	96 909	17 254,323	322 877,802	18,713	18,248
45	29	96 712	16 556,963	305 623,478	18,459	17,994
46	30	96 498	15 884,862	289 066,515	18,198	17,733
47	31	96 257	15 235,789	273 181,653	17,930	17,465
48	32	95 999	14 610,518	257 945,864	17,655	17,190
49	33	95 711	14 006,468	243 335,346	17,373	16,908
50	34	95 392	13 422,904	229 328,877	17,085	16,620
51	35	95 037	12 858,511	215 905,974	16,791	16,326
52	36	94 646	12 313,105	203 047,463	16,490	16,026
53	37	94 211	11 785,094	190 734,358	16,184	15,720
54	38	93 724	11 273,238	178 949,264	15,874	15,409
55	39	93 169	10 775,521	167 676,026	15,561	15,096
56	40	92 563	10 293,625	156 900,505	15,242	14,778
57	41	91 890	9 825,775	146 606,880	14,921	14,456
58	42	91 148	9 371,643	136 781,105	14,595	14,130
59	43	90 333	8 930,601	127 409,462	14,267	13,802
60	44	89 445	8 502,644	118 478,861	13,934	13,470
61	45	88 479	8 087,386	109 976,217	13,598	13,134
62	46	87 421	7 683,319	101 888,830	13,261	12,796
63	47	86 272	7 290,699	94 205,512	12,921	12,457
64	48	85 036	6 909,826	86 914,812	12,578	12,114
65	49	83 690	6 538,929	80 004,987	12,235	11,770
66	50	82 255	6 179,651	73 466,057	11,888	11,424
67	51	80 740	5 832,471	67 286,406	11,537	11,072
68	52	79 117	5 495,420	61 453,935	11,183	10,718
69	53	77 418	5 170,617	55 958,515	10,822	10,358
70	54	75 590	4 854,350	50 787,898	10,462	9,998
71	55	73 691	4 550,360	45 933,548	10,094	9,630
72	56	71 642	4 253,690	41 383,187	9,729	9,264
73	57	69 516	3 968,746	37 129,497	9,355	8,891
74	58	67 253	3 691,859	33 160,751	8,982	8,517
75	59	64 879	3 424,556	29 468,893	8,605	8,140
76	60	62 403	3 167,155	26 044,337	8,223	7,758
77	61	59 766	2 916,667	22 877,182	7,844	7,379
78	62	57 008	2 675,060	19 960,515	7,462	6,997
79	63	54 082	2 440,156	17 285,455	7,084	6,619
80	64	51 006	2 212,856	14 845,298	6,709	6,244
81	65	47 768	1 992,690	12 632,442	6,339	5,875
82	66	44 330	1 778,116	10 639,752	5,984	5,519
83	67	40 749	1 571,614	8 861,636	5,639	5,174
84	68	37 074	1 374,900	7 290,022	5,302	4,837
85	69	33 311	1 187,838	5 915,122	4,980	4,515
86	70	29 480	1 010,776	4 727,284	4,677	4,212
87	71	25 682	846,696	3 716,508	4,389	3,925
88	72	21 984	696,899	2 869,812	4,118	3,653
89	73	18 438	561,999	2 172,913	3,866	3,402
90	74	15 141	443,754	1 610,913	3,630	3,165
91	75	12 171	342,985	1 167,160	3,403	2,938
92	76	9 560	259,058	824,175	3,181	2,717
93	77	7 246	188,793	565,117	2,993	2,528
94	78	5 352	134,075	376,323	2,807	2,342
95	79	3 799	91,526	242,248	2,647	2,182
96	80	2 612	60,510	150,723	2,491	2,026
97	81	1 706	37,989	90,213	2,375	1,910
98	82	1 083	23,199	52,224	2,251	1,786
99	83	658	13,553	29,025	2,142	1,677
100	84	383	7,575	15,472	2,043	1,578

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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17	0	99 449	51 054,511	1 182 493,498	23,161	22,697
18	1	99 123	48 929,894	1 131 438,987	23,124	22,659
19	2	99 060	47 018,286	1 082 509,093	23,023	22,558
20	3	99 009	45 186,298	1 035 490,807	22,916	22,451
21	4	98 956	43 425,122	990 304,508	22,805	22,340
22	5	98 906	41 734,010	946 879,386	22,688	22,224
23	6	98 853	40 107,078	905 145,376	22,568	22,103
24	7	98 803	38 545,294	865 038,298	22,442	21,977
25	8	98 752	37 043,462	826 493,004	22,311	21,847
26	9	98 702	35 600,635	789 449,542	22,175	21,710
27	10	98 650	34 213,579	753 848,907	22,034	21,569
28	11	98 599	32 880,555	719 635,328	21,886	21,422
29	12	98 544	31 598,146	686 754,773	21,734	21,269
30	13	98 484	30 364,599	655 156,627	21,576	21,112
31	14	98 420	29 177,590	624 792,028	21,413	20,949
32	15	98 350	28 035,511	595 614,438	21,245	20,780
33	16	98 276	26 936,853	567 578,927	21,071	20,606
34	17	98 190	25 878,058	540 642,074	20,892	20,427
35	18	98 101	24 860,215	514 764,016	20,706	20,242
36	19	98 003	23 880,170	489 903,801	20,515	20,050
37	20	97 901	22 937,957	466 023,631	20,317	19,852
38	21	97 787	22 030,043	443 085,675	20,113	19,648
39	22	97 667	21 156,628	421 055,632	19,902	19,437
40	23	97 542	20 316,942	399 899,003	19,683	19,218
41	24	97 404	19 507,830	379 582,061	19,458	18,993
42	25	97 256	18 729,139	360 074,232	19,225	18,761
43	26	97 098	17 979,421	341 345,092	18,985	18,521
44	27	96 930	17 258,037	323 365,671	18,737	18,272
45	28	96 735	16 560,866	306 107,634	18,484	18,019
46	29	96 523	15 888,974	289 546,769	18,223	17,758
47	30	96 287	15 240,622	273 657,795	17,956	17,491
48	31	96 029	14 615,107	258 417,173	17,682	17,217
49	32	95 744	14 011,269	243 802,065	17,400	16,936
50	33	95 427	13 427,742	229 790,796	17,113	16,648
51	34	95 075	12 863,734	216 363,054	16,820	16,355
52	35	94 685	12 318,182	203 499,320	16,520	16,055
53	36	94 254	11 790,500	191 181,139	16,215	15,750
54	37	93 768	11 278,591	179 390,639	15,905	15,441
55	38	93 225	10 782,025	168 112,048	15,592	15,127
56	39	92 618	10 299,817	157 330,023	15,275	14,810
57	40	91 953	9 832,517	147 030,206	14,953	14,489
58	41	91 216	9 378,585	137 197,689	14,629	14,164
59	42	90 405	8 937,696	127 819,103	14,301	13,836
60	43	89 526	8 510,372	118 881,408	13,969	13,504
61	44	88 565	8 095,243	110 371,035	13,634	13,169
62	45	87 522	7 692,182	102 275,792	13,296	12,831
63	46	86 377	7 299,587	94 583,610	12,957	12,493
64	47	85 152	6 919,307	87 284,023	12,615	12,150
65	48	83 824	6 549,369	80 364,716	12,271	11,806
66	49	82 399	6 190,473	73 815,347	11,924	11,459
67	50	80 889	5 843,300	67 624,874	11,573	11,108
68	51	79 287	5 507,220	61 781,574	11,218	10,753
69	52	77 599	5 182,708	56 274,354	10,858	10,393
70	53	75 785	4 866,847	51 091,646	10,498	10,033
71	54	73 904	4 563,543	46 224,799	10,129	9,664
72	55	71 875	4 267,541	41 661,256	9,762	9,298
73	56	69 766	3 982,993	37 393,716	9,388	8,924
74	57	67 518	3 706,403	33 410,723	9,014	8,550
75	58	65 163	3 439,516	29 704,320	8,636	8,171
76	59	62 698	3 182,131	26 264,804	8,254	7,789
77	60	60 083	2 932,137	23 082,673	7,872	7,407
78	61	57 334	2 690,357	20 150,536	7,490	7,025
79	62	54 416	2 455,218	17 460,179	7,111	6,647
80	63	51 352	2 227,892	15 004,961	6,735	6,270
81	64	48 128	2 007,693	12 777,069	6,364	5,899
82	65	44 686	1 792,403	10 769,376	6,008	5,544
83	66	41 109	1 585,506	8 976,974	5,662	5,197
84	67	37 429	1 388,061	7 391,467	5,325	4,860
85	68	33 664	1 200,401	6 003,406	5,001	4,536
86	69	29 824	1 022,591	4 803,004	4,697	4,232
87	70	26 010	857,499	3 780,413	4,409	3,944
88	71	22 289	706,581	2 922,913	4,137	3,672
89	72	18 715	570,450	2 216,333	3,885	3,420
90	73	15 393	451,160	1 645,883	3,648	3,183
91	74	12 392	349,216	1 194,723	3,421	2,956
92	75	9 748	264,138	845,507	3,201	2,736
93	76	7 406	192,954	581,369	3,013	2,548
94	77	5 482	137,344	388,415	2,828	2,363
95	78	3 907	94,109	251,071	2,668	2,203
96	79	2 697	62,473	156,963	2,513	2,048
97	80	1 770	39,426	94,490	2,397	1,932
98	81	1 132	24,233	55,064	2,272	1,807
99	82	692	14,257	30,831	2,162	1,698
100	83	406	8,030	16,574	2,064	1,599

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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18	0	99 422	49 077,388	1 132 123,673	23,068	22,603
19	1	99 085	47 029,947	1 083 046,285	23,029	22,564
20	2	99 021	45 191,912	1 036 016,338	22,925	22,460
21	3	98 966	43 429,601	990 824,426	22,814	22,350
22	4	98 916	41 738,004	947 394,825	22,699	22,234
23	5	98 861	40 110,651	905 656,821	22,579	22,114
24	6	98 812	38 548,704	865 546,170	22,453	21,988
25	7	98 756	37 045,183	826 997,466	22,324	21,859
26	8	98 709	35 603,116	789 952,283	22,188	21,723
27	9	98 656	34 215,672	754 349,167	22,047	21,582
28	10	98 605	32 882,479	720 133,495	21,900	21,435
29	11	98 551	31 600,590	687 251,016	21,748	21,283
30	12	98 492	30 366,983	655 650,427	21,591	21,126
31	13	98 429	29 180,339	625 283,443	21,428	20,963
32	14	98 359	28 038,096	596 103,104	21,260	20,796
33	15	98 288	26 940,131	568 065,008	21,086	20,621
34	16	98 204	25 881,869	541 124,877	20,907	20,443
35	17	98 114	24 863,600	515 243,008	20,723	20,258
36	18	98 022	23 884,875	490 379,408	20,531	20,066
37	19	97 918	22 941,967	466 494,532	20,334	19,869
38	20	97 805	22 034,117	443 552,566	20,130	19,665
39	21	97 683	21 160,117	421 518,449	19,920	19,456
40	22	97 558	20 320,250	400 358,331	19,702	19,238
41	23	97 421	19 511,341	380 038,081	19,478	19,013
42	24	97 274	18 732,510	360 526,740	19,246	18,781
43	25	97 116	17 982,842	341 794,230	19,007	18,542
44	26	96 948	17 261,286	323 811,388	18,759	18,295
45	27	96 756	16 564,430	306 550,103	18,507	18,042
46	28	96 545	15 892,719	289 985,673	18,246	17,782
47	29	96 312	15 244,567	274 092,954	17,980	17,515
48	30	96 059	14 619,744	258 848,387	17,705	17,241
49	31	95 774	14 015,670	244 228,643	17,425	16,961
50	32	95 459	13 432,344	230 212,973	17,139	16,674
51	33	95 109	12 868,371	216 780,629	16,846	16,381
52	34	94 723	12 323,185	203 912,258	16,547	16,082
53	35	94 293	11 795,361	191 589,073	16,243	15,778
54	36	93 811	11 283,765	179 793,712	15,934	15,469
55	37	93 270	10 787,145	168 509,947	15,621	15,157
56	38	92 674	10 306,034	157 722,802	15,304	14,839
57	39	92 008	9 838,431	147 416,768	14,984	14,519
58	40	91 279	9 385,021	137 578,337	14,659	14,195
59	41	90 472	8 944,317	128 193,316	14,332	13,868
60	42	89 597	8 517,133	119 248,999	14,001	13,536
61	43	88 646	8 102,601	110 731,866	13,666	13,201
62	44	87 607	7 699,655	102 629,265	13,329	12,864
63	45	86 477	7 308,007	94 929,610	12,990	12,525
64	46	85 256	6 927,742	87 621,603	12,648	12,183
65	47	83 939	6 558,356	80 693,861	12,304	11,839
66	48	82 531	6 200,356	74 135,505	11,957	11,492
67	49	81 031	5 853,532	67 935,149	11,606	11,141
68	50	79 434	5 517,445	62 081,616	11,252	10,787
69	51	77 766	5 193,837	56 564,171	10,891	10,426
70	52	75 962	4 878,227	51 370,334	10,531	10,066
71	53	74 094	4 575,291	46 492,107	10,162	9,697
72	54	72 083	4 279,904	41 916,816	9,794	9,329
73	55	69 993	3 995,961	37 636,912	9,419	8,954
74	56	67 760	3 719,708	33 640,951	9,044	8,579
75	57	65 419	3 453,066	29 921,243	8,665	8,200
76	58	62 972	3 196,032	26 468,177	8,282	7,817
77	59	60 367	2 946,002	23 272,145	7,900	7,435
78	60	57 638	2 704,627	20 326,142	7,515	7,051
79	61	54 727	2 469,258	17 621,516	7,136	6,672
80	62	51 669	2 241,643	15 152,258	6,759	6,295
81	63	48 455	2 021,335	12 910,615	6,387	5,922
82	64	45 022	1 805,897	10 889,280	6,030	5,565
83	65	41 439	1 598,245	9 083,383	5,683	5,219
84	66	37 760	1 400,331	7 485,138	5,345	4,880
85	67	33 986	1 211,893	6 084,806	5,021	4,556
86	68	30 140	1 033,407	4 872,913	4,715	4,251
87	69	26 314	867,523	3 839,507	4,426	3,961
88	70	22 574	715,596	2 971,983	4,153	3,688
89	71	18 975	578,375	2 256,387	3,901	3,436
90	72	15 625	457,944	1 678,012	3,664	3,199
91	73	12 598	355,044	1 220,069	3,436	2,972
92	74	9 925	268,937	865,024	3,216	2,752
93	75	7 551	196,738	596,088	3,030	2,565
94	76	5 603	140,371	399,350	2,845	2,380
95	77	4 002	96,403	258,979	2,686	2,222
96	78	2 773	64,236	162,576	2,531	2,066
97	79	1 828	40,705	98,340	2,416	1,951
98	80	1 174	25,150	57,636	2,292	1,827
99	81	723	14,893	32,486	2,181	1,717
100	82	427	8,447	17,593	2,083	1,618

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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19	0	99 384	47 171,714	1 083 680,039	22,973	22,508
20	1	99 046	45 203,120	1 036 508,325	22,930	22,465
21	2	98 978	43 434,997	991 305,205	22,823	22,358
22	3	98 926	41 742,309	947 870,208	22,708	22,243
23	4	98 871	40 114,489	906 127,899	22,589	22,124
24	5	98 821	38 552,138	866 013,410	22,463	21,999
25	6	98 765	37 048,461	827 461,272	22,335	21,870
26	7	98 713	35 604,770	790 412,811	22,200	21,735
27	8	98 663	34 218,056	754 808,042	22,059	21,594
28	9	98 611	32 884,491	720 589,985	21,913	21,448
29	10	98 557	31 602,438	687 705,495	21,761	21,296
30	11	98 500	30 369,332	656 103,056	21,604	21,139
31	12	98 437	29 182,630	625 733,725	21,442	20,977
32	13	98 369	28 040,738	596 551,094	21,274	20,810
33	14	98 297	26 942,615	568 510,356	21,101	20,636
34	15	98 216	25 885,019	541 567,741	20,922	20,457
35	16	98 128	24 867,262	515 682,722	20,737	20,273
36	17	98 035	23 888,128	490 815,461	20,546	20,082
37	18	97 938	22 946,488	466 927,332	20,349	19,884
38	19	97 822	22 037,969	443 980,845	20,146	19,681
39	20	97 701	21 164,030	421 942,876	19,937	19,472
40	21	97 574	20 323,602	400 778,846	19,720	19,255
41	22	97 437	19 514,518	380 455,244	19,496	19,031
42	23	97 291	18 735,882	360 940,726	19,265	18,800
43	24	97 134	17 986,078	342 204,844	19,026	18,561
44	25	96 967	17 264,570	324 218,766	18,779	18,315
45	26	96 774	16 567,548	306 954,196	18,527	18,063
46	27	96 566	15 896,140	290 386,648	18,268	17,803
47	28	96 335	15 248,160	274 490,509	18,002	17,537
48	29	96 084	14 623,528	259 242,349	17,728	17,263
49	30	95 804	14 020,116	244 618,821	17,448	16,983
50	31	95 489	13 436,563	230 598,705	17,162	16,697
51	32	95 142	12 872,781	217 162,141	16,870	16,405
52	33	94 757	12 327,627	204 289,360	16,572	16,107
53	34	94 331	11 800,152	191 961,733	16,268	15,803
54	35	93 850	11 288,417	180 161,581	15,960	15,495
55	36	93 312	10 792,093	168 873,164	15,648	15,183
56	37	92 718	10 310,928	158 081,071	15,331	14,867
57	38	92 064	9 844,370	147 770,142	15,011	14,546
58	39	91 333	9 390,666	137 925,773	14,688	14,223
59	40	90 534	8 950,454	128 535,107	14,361	13,896
60	41	89 663	8 523,443	119 584,653	14,030	13,565
61	42	88 716	8 109,037	111 061,210	13,696	13,231
62	43	87 687	7 706,653	102 952,173	13,359	12,894
63	44	86 561	7 315,107	95 245,520	13,020	12,556
64	45	85 354	6 935,734	87 930,412	12,678	12,213
65	46	84 041	6 566,351	80 994,679	12,335	11,870
66	47	82 644	6 208,864	74 428,328	11,987	11,523
67	48	81 160	5 862,878	68 219,464	11,636	11,171
68	49	79 573	5 527,107	62 356,586	11,282	10,817
69	50	77 910	5 203,480	56 829,479	10,921	10,457
70	51	76 125	4 888,702	51 625,999	10,560	10,095
71	52	74 268	4 585,990	46 737,296	10,191	9,727
72	53	72 269	4 290,922	42 151,306	9,823	9,359
73	54	70 196	4 007,538	37 860,385	9,447	8,982
74	55	67 981	3 731,820	33 852,847	9,071	8,607
75	56	65 654	3 465,462	30 121,027	8,692	8,227
76	57	63 220	3 208,623	26 655,565	8,307	7,843
77	58	60 631	2 958,872	23 446,942	7,924	7,459
78	59	57 910	2 717,416	20 488,071	7,540	7,075
79	60	55 017	2 482,355	17 770,655	7,159	6,694
80	61	51 965	2 254,462	15 288,301	6,781	6,317
81	62	48 754	2 033,811	13 033,839	6,409	5,944
82	63	45 328	1 818,168	11 000,028	6,050	5,585
83	64	41 751	1 610,278	9 181,860	5,702	5,237
84	65	38 063	1 411,582	7 571,582	5,364	4,899
85	66	34 286	1 222,605	6 159,999	5,038	4,574
86	67	30 428	1 043,299	4 937,394	4,732	4,268
87	68	26 592	876,699	3 894,094	4,442	3,977
88	69	22 838	723,961	3 017,396	4,168	3,703
89	70	19 217	585,754	2 293,434	3,915	3,451
90	71	15 842	464,306	1 707,680	3,678	3,213
91	72	12 788	360,383	1 243,374	3,450	2,985
92	73	10 090	273,425	882,992	3,229	2,765
93	74	7 688	200,312	609,566	3,043	2,578
94	75	5 713	143,123	409,254	2,859	2,395
95	76	4 090	98,527	266,131	2,701	2,236
96	77	2 841	65,802	167,603	2,547	2,082
97	78	1 879	41,854	101,802	2,432	1,968
98	79	1 212	25,966	59,948	2,309	1,844
99	80	751	15,456	33,982	2,199	1,734
100	81	446	8,824	18,526	2,100	1,635

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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20	0	99 344	45 339,380	1 037 095,086	22,874	22,409
21	1	99 003	43 445,769	991 755,706	22,827	22,363
22	2	98 938	41 747,495	948 309,937	22,715	22,251
23	3	98 881	40 118,627	906 562,443	22,597	22,132
24	4	98 830	38 555,828	866 443,816	22,472	22,008
25	5	98 774	37 051,761	827 887,988	22,344	21,879
26	6	98 722	35 607,920	790 836,227	22,210	21,745
27	7	98 668	34 219,646	755 228,308	22,070	21,605
28	8	98 618	32 886,782	721 008,661	21,924	21,459
29	9	98 563	31 604,371	688 121,879	21,773	21,308
30	10	98 506	30 371,108	656 517,508	21,617	21,152
31	11	98 445	29 184,887	626 146,399	21,454	20,990
32	12	98 376	28 042,940	596 961,512	21,287	20,823
33	13	98 306	26 945,154	568 918,572	21,114	20,649
34	14	98 225	25 887,406	541 973,418	20,936	20,471
35	15	98 140	24 870,288	516 086,013	20,751	20,286
36	16	98 050	23 891,646	491 215,725	20,560	20,095
37	17	97 951	22 949,613	467 324,079	20,363	19,898
38	18	97 842	22 042,311	444 374,466	20,160	19,695
39	19	97 718	21 167,730	422 332,155	19,952	19,487
40	20	97 592	20 327,360	401 164,425	19,735	19,270
41	21	97 453	19 517,737	380 837,065	19,512	19,048
42	22	97 307	18 738,933	361 319,328	19,282	18,817
43	23	97 151	17 989,315	342 580,396	19,044	18,579
44	24	96 984	17 267,677	324 591,080	18,798	18,333
45	25	96 792	16 570,700	307 323,403	18,546	18,081
46	26	96 584	15 899,132	290 752,703	18,287	17,823
47	27	96 356	15 251,442	274 853,572	18,021	17,557
48	28	96 107	14 626,975	259 602,130	17,748	17,283
49	29	95 829	14 023,745	244 975,155	17,469	17,004
50	30	95 520	13 440,826	230 951,410	17,183	16,718
51	31	95 172	12 876,824	217 510,584	16,892	16,427
52	32	94 790	12 331,852	204 633,760	16,594	16,129
53	33	94 365	11 804,405	192 301,907	16,291	15,826
54	34	93 888	11 293,002	180 497,502	15,983	15,518
55	35	93 351	10 796,543	169 204,500	15,672	15,207
56	36	92 761	10 315,658	158 407,957	15,356	14,891
57	37	92 107	9 849,045	148 092,299	15,036	14,571
58	38	91 389	9 396,334	138 243,254	14,712	14,248
59	39	90 589	8 955,838	128 846,920	14,387	13,922
60	40	89 725	8 529,291	119 891,082	14,056	13,592
61	41	88 782	8 115,045	111 361,791	13,723	13,258
62	42	87 756	7 712,775	103 246,746	13,386	12,922
63	43	86 639	7 321,756	95 533,971	13,048	12,583
64	44	85 437	6 942,472	88 212,215	12,706	12,241
65	45	84 138	6 573,925	81 269,743	12,362	11,898
66	46	82 745	6 216,433	74 695,818	12,016	11,551
67	47	81 272	5 870,923	68 479,385	11,664	11,199
68	48	79 700	5 535,931	62 608,462	11,309	10,845
69	49	78 047	5 212,592	57 072,531	10,949	10,484
70	50	76 266	4 897,779	51 859,939	10,588	10,124
71	51	74 427	4 595,837	46 962,160	10,218	9,754
72	52	72 438	4 300,956	42 366,322	9,850	9,386
73	53	70 377	4 017,854	38 065,367	9,474	9,009
74	54	68 178	3 742,631	34 047,512	9,097	8,632
75	55	65 868	3 476,745	30 304,881	8,716	8,252
76	56	63 447	3 220,141	26 828,136	8,331	7,867
77	57	60 870	2 970,528	23 607,995	7,947	7,483
78	58	58 163	2 729,287	20 637,466	7,561	7,097
79	59	55 277	2 494,093	17 908,180	7,180	6,715
80	60	52 241	2 266,419	15 414,087	6,801	6,336
81	61	49 033	2 045,441	13 147,668	6,428	5,963
82	62	45 608	1 829,390	11 102,227	6,069	5,604
83	63	42 035	1 621,220	9 272,836	5,720	5,255
84	64	38 350	1 422,210	7 651,617	5,380	4,915
85	65	34 562	1 232,428	6 229,407	5,055	4,590
86	66	30 697	1 052,522	4 996,978	4,748	4,283
87	67	26 847	885,091	3 944,456	4,457	3,992
88	68	23 079	731,618	3 059,365	4,182	3,717
89	69	19 442	592,602	2 327,747	3,928	3,463
90	70	16 044	470,230	1 735,145	3,690	3,225
91	71	12 966	365,389	1 264,915	3,462	2,997
92	72	10 242	277,537	899,526	3,241	2,776
93	73	7 816	203,655	621,989	3,054	2,589
94	74	5 817	145,723	418,334	2,871	2,406
95	75	4 170	100,459	272,611	2,714	2,249
96	76	2 903	67,252	172,151	2,560	2,095
97	77	1 925	42,874	104,899	2,447	1,982
98	78	1 247	26,698	62,025	2,323	1,858
99	79	775	15,957	35,327	2,214	1,749
100	80	463	9,158	19,369	2,115	1,650

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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21	0	99 301	43 576,732	992 299,100	22,771	22,306
22	1	98 963	41 757,848	948 722,368	22,720	22,255
23	2	98 893	40 123,611	906 964,520	22,604	22,139
24	3	98 841	38 559,804	866 840,909	22,480	22,016
25	4	98 783	37 055,307	828 281,105	22,353	21,888
26	5	98 731	35 611,092	791 225,798	22,219	21,754
27	6	98 677	34 222,673	755 614,706	22,079	21,615
28	7	98 622	32 888,310	721 392,033	21,935	21,470
29	8	98 570	31 606,574	688 503,723	21,784	21,319
30	9	98 512	30 372,966	656 897,149	21,628	21,163
31	10	98 450	29 186,594	626 524,183	21,466	21,001
32	11	98 384	28 045,109	597 337,588	21,299	20,834
33	12	98 314	26 947,270	569 292,479	21,126	20,661
34	13	98 234	25 889,845	542 345,209	20,948	20,483
35	14	98 149	24 872,581	516 455,365	20,764	20,299
36	15	98 062	23 894,553	491 582,784	20,573	20,108
37	16	97 965	22 952,992	467 688,230	20,376	19,911
38	17	97 855	22 045,313	444 735,238	20,174	19,709
39	18	97 737	21 171,901	422 689,925	19,965	19,500
40	19	97 609	20 330,913	401 518,023	19,749	19,284
41	20	97 471	19 521,346	381 187,110	19,527	19,062
42	21	97 323	18 742,023	361 665,764	19,297	18,832
43	22	97 167	17 992,245	342 923,741	19,060	18,595
44	23	97 002	17 270,785	324 931,496	18,814	18,349
45	24	96 810	16 573,682	307 660,712	18,563	18,098
46	25	96 603	15 902,157	291 087,029	18,305	17,840
47	26	96 374	15 254,313	275 184,872	18,040	17,575
48	27	96 128	14 630,123	259 930,560	17,767	17,302
49	28	95 852	14 027,051	245 300,437	17,488	17,023
50	29	95 544	13 444,305	231 273,386	17,202	16,738
51	30	95 202	12 880,909	217 829,082	16,911	16,446
52	31	94 820	12 335,726	204 948,172	16,614	16,149
53	32	94 397	11 808,451	192 612,447	16,311	15,847
54	33	93 922	11 297,073	180 803,995	16,004	15,540
55	34	93 389	10 800,928	169 506,923	15,694	15,229
56	35	92 799	10 319,911	158 705,994	15,379	14,914
57	36	92 150	9 853,563	148 386,083	15,059	14,594
58	37	91 432	9 400,796	138 532,521	14,736	14,271
59	38	90 643	8 961,244	129 131,724	14,410	13,945
60	39	89 779	8 534,422	120 170,480	14,081	13,616
61	40	88 843	8 120,613	111 636,059	13,747	13,282
62	41	87 821	7 718,489	103 515,446	13,411	12,947
63	42	86 708	7 327,572	95 796,957	13,073	12,609
64	43	85 515	6 948,782	88 469,385	12,732	12,267
65	44	84 220	6 580,312	81 520,603	12,389	11,924
66	45	82 840	6 223,604	74 940,291	12,041	11,576
67	46	81 371	5 878,080	68 716,687	11,690	11,226
68	47	79 809	5 543,528	62 838,607	11,335	10,871
69	48	78 171	5 220,915	57 295,080	10,974	10,509
70	49	76 400	4 906,356	52 074,165	10,614	10,149
71	50	74 565	4 604,370	47 167,809	10,244	9,779
72	51	72 593	4 310,191	42 563,439	9,875	9,410
73	52	70 541	4 027,250	38 253,248	9,499	9,034
74	53	68 353	3 752,266	34 225,999	9,121	8,657
75	54	66 059	3 486,818	30 473,733	8,740	8,275
76	55	63 653	3 230,626	26 986,915	8,353	7,889
77	56	61 088	2 981,192	23 756,289	7,969	7,504
78	57	58 393	2 740,039	20 775,097	7,582	7,117
79	58	55 519	2 504,988	18 035,058	7,200	6,735
80	59	52 488	2 277,136	15 530,071	6,820	6,355
81	60	49 293	2 056,290	13 252,934	6,445	5,980
82	61	45 869	1 839,852	11 196,644	6,086	5,621
83	62	42 294	1 631,226	9 356,793	5,736	5,271
84	63	38 610	1 431,874	7 725,566	5,395	4,931
85	64	34 822	1 241,707	6 293,693	5,069	4,604
86	65	30 944	1 060,978	5 051,985	4,762	4,297
87	66	27 084	892,915	3 991,007	4,470	4,005
88	67	23 300	738,622	3 098,092	4,194	3,730
89	68	19 647	598,869	2 359,470	3,940	3,475
90	69	16 231	475,727	1 760,601	3,701	3,236
91	70	13 131	370,051	1 284,874	3,472	3,007
92	71	10 384	281,392	914,823	3,251	2,786
93	72	7 934	206,718	633,430	3,064	2,599
94	73	5 914	148,156	426,713	2,880	2,415
95	74	4 246	102,285	278,557	2,723	2,259
96	75	2 960	68,571	176,273	2,571	2,106
97	76	1 967	43,819	107,702	2,458	1,993
98	77	1 277	27,349	63,883	2,336	1,871
99	78	797	16,408	36,534	2,227	1,762
100	79	478	9,455	20,126	2,129	1,664

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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22	0	99 261	41 883,723	949 225,743	22,663	22,199
23	1	98 918	40 133,562	907 342,020	22,608	22,143
24	2	98 853	38 564,595	867 208,459	22,487	22,022
25	3	98 794	37 059,129	828 643,864	22,360	21,895
26	4	98 740	35 614,500	791 584,735	22,226	21,762
27	5	98 685	34 225,722	755 970,235	22,088	21,623
28	6	98 631	32 891,220	721 744,513	21,943	21,479
29	7	98 574	31 608,042	688 853,293	21,794	21,329
30	8	98 518	30 375,083	657 245,251	21,638	21,173
31	9	98 456	29 188,380	626 870,168	21,477	21,012
32	10	98 390	28 046,749	597 681,788	21,310	20,845
33	11	98 322	26 949,354	569 635,039	21,137	20,672
34	12	98 242	25 891,878	542 685,685	20,960	20,495
35	13	98 159	24 874,925	516 793,807	20,776	20,311
36	14	98 071	23 896,757	491 918,882	20,585	20,120
37	15	97 977	22 955,785	468 022,126	20,388	19,923
38	16	97 869	22 048,560	445 066,341	20,186	19,721
39	17	97 751	21 174,785	423 017,781	19,977	19,513
40	18	97 628	20 334,920	401 842,996	19,761	19,296
41	19	97 488	19 524,759	381 508,076	19,540	19,075
42	20	97 341	18 745,489	361 983,318	19,310	18,846
43	21	97 183	17 995,212	343 237,829	19,074	18,609
44	22	97 017	17 273,597	325 242,617	18,829	18,364
45	23	96 827	16 576,666	307 969,020	18,578	18,114
46	24	96 620	15 905,019	291 392,354	18,321	17,856
47	25	96 392	15 257,215	275 487,336	18,056	17,591
48	26	96 146	14 632,877	260 230,121	17,784	17,319
49	27	95 872	14 030,070	245 597,244	17,505	17,040
50	28	95 567	13 447,474	231 567,174	17,220	16,755
51	29	95 227	12 884,243	218 119,701	16,929	16,464
52	30	94 850	12 339,639	205 235,457	16,632	16,167
53	31	94 427	11 812,160	192 895,818	16,330	15,865
54	32	93 954	11 300,945	181 083,658	16,024	15,559
55	33	93 422	10 804,822	169 782,713	15,714	15,249
56	34	92 837	10 324,103	158 977,892	15,399	14,934
57	35	92 188	9 857,625	148 653,789	15,080	14,615
58	36	91 474	9 405,109	138 796,164	14,758	14,293
59	37	90 686	8 965,499	129 391,055	14,432	13,967
60	38	89 833	8 539,573	120 425,556	14,102	13,637
61	39	88 896	8 125,498	111 885,983	13,770	13,305
62	40	87 881	7 723,785	103 760,485	13,434	12,969
63	41	86 772	7 333,000	96 036,700	13,097	12,632
64	42	85 583	6 954,302	88 703,700	12,755	12,290
65	43	84 296	6 586,293	81 749,398	12,412	11,947
66	44	82 921	6 229,650	75 163,105	12,065	11,601
67	45	81 465	5 884,860	68 933,455	11,714	11,249
68	46	79 907	5 550,285	63 048,594	11,360	10,895
69	47	78 279	5 228,079	57 498,309	10,998	10,533
70	48	76 522	4 914,189	52 270,230	10,637	10,172
71	49	74 696	4 612,433	47 356,041	10,267	9,802
72	50	72 728	4 318,193	42 743,608	9,898	9,434
73	51	70 693	4 035,897	38 425,415	9,521	9,056
74	52	68 513	3 761,040	34 389,517	9,144	8,679
75	53	66 229	3 495,794	30 628,478	8,762	8,297
76	54	63 838	3 239,986	27 132,684	8,374	7,910
77	55	61 287	2 990,899	23 892,698	7,988	7,524
78	56	58 602	2 749,875	20 901,799	7,601	7,136
79	57	55 737	2 514,856	18 151,924	7,218	6,753
80	58	52 717	2 287,084	15 637,068	6,837	6,372
81	59	49 526	2 066,013	13 349,984	6,462	5,997
82	60	46 112	1 849,610	11 283,971	6,101	5,636
83	61	42 536	1 640,554	9 434,361	5,751	5,286
84	62	38 849	1 440,711	7 793,806	5,410	4,945
85	63	35 059	1 250,144	6 353,095	5,082	4,617
86	64	31 177	1 068,966	5 102,950	4,774	4,309
87	65	27 301	900,089	4 033,984	4,482	4,017
88	66	23 506	745,151	3 133,895	4,206	3,741
89	67	19 835	604,602	2 388,744	3,951	3,486
90	68	16 403	480,758	1 784,142	3,711	3,246
91	69	13 284	374,377	1 303,383	3,481	3,017
92	70	10 517	284,983	929,006	3,260	2,795
93	71	8 044	209,589	644,023	3,073	2,608
94	72	6 003	150,383	434,434	2,889	2,424
95	73	4 317	103,992	284,051	2,731	2,267
96	74	3 014	69,816	180,059	2,579	2,114
97	75	2 006	44,678	110,243	2,467	2,003
98	76	1 305	27,952	65,565	2,346	1,881
99	77	816	16,808	37,613	2,238	1,773
100	78	491	9,722	20,805	2,140	1,675

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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23	0	99 216	40 254,540	907 808,457	22,552	22,087
24	1	98 877	38 574,159	867 553,916	22,491	22,026
25	2	98 806	37 063,733	828 979,757	22,366	21,902
26	3	98 750	35 618,173	791 916,025	22,233	21,769
27	4	98 695	34 228,998	756 297,852	22,095	21,630
28	5	98 640	32 894,150	722 068,854	21,951	21,486
29	6	98 583	31 610,839	689 174,704	21,802	21,337
30	7	98 523	30 376,494	657 563,866	21,647	21,182
31	8	98 463	29 190,414	627 187,372	21,486	21,021
32	9	98 396	28 048,465	597 996,957	21,320	20,855
33	10	98 327	26 950,930	569 948,492	21,148	20,683
34	11	98 250	25 893,880	542 997,562	20,970	20,505
35	12	98 166	24 876,878	517 103,682	20,787	20,322
36	13	98 080	23 899,008	492 226,804	20,596	20,131
37	14	97 986	22 957,902	468 327,795	20,399	19,935
38	15	97 881	22 051,243	445 369,893	20,197	19,732
39	16	97 765	21 177,903	423 318,651	19,989	19,524
40	17	97 642	20 337,689	402 140,748	19,773	19,308
41	18	97 508	19 528,606	381 803,059	19,551	19,086
42	19	97 358	18 748,766	362 274,453	19,323	18,858
43	20	97 201	17 998,540	343 525,687	19,086	18,621
44	21	97 033	17 276,446	325 527,147	18,842	18,377
45	22	96 843	16 579,365	308 250,701	18,592	18,128
46	23	96 638	15 907,882	291 671,336	18,335	17,870
47	24	96 410	15 259,961	275 763,455	18,071	17,606
48	25	96 164	14 635,661	260 503,494	17,799	17,334
49	26	95 890	14 032,711	245 867,833	17,521	17,056
50	27	95 588	13 450,368	231 835,123	17,236	16,772
51	28	95 249	12 887,280	218 384,755	16,946	16,481
52	29	94 874	12 342,833	205 497,475	16,649	16,184
53	30	94 457	11 815,908	193 154,642	16,347	15,882
54	31	93 983	11 304,494	181 338,734	16,041	15,576
55	32	93 454	10 808,525	170 034,240	15,731	15,267
56	33	92 870	10 327,824	159 225,715	15,417	14,952
57	34	92 225	9 861,629	148 897,891	15,099	14,634
58	35	91 512	9 408,986	139 036,262	14,777	14,312
59	36	90 728	8 969,612	129 627,276	14,452	13,987
60	37	89 876	8 543,628	120 657,664	14,123	13,658
61	38	88 950	8 130,402	112 114,035	13,789	13,325
62	39	87 934	7 728,431	103 983,633	13,455	12,990
63	40	86 832	7 338,032	96 255,202	13,117	12,652
64	41	85 646	6 959,454	88 917,170	12,776	12,312
65	42	84 363	6 591,525	81 957,716	12,434	11,969
66	43	82 996	6 235,312	75 366,191	12,087	11,622
67	44	81 544	5 890,578	69 130,879	11,736	11,271
68	45	79 999	5 556,688	63 240,301	11,381	10,916
69	46	78 374	5 234,452	57 683,614	11,020	10,555
70	47	76 627	4 920,932	52 449,162	10,658	10,194
71	48	74 815	4 619,797	47 528,230	10,288	9,823
72	49	72 856	4 325,755	42 908,432	9,919	9,454
73	50	70 824	4 043,391	38 582,677	9,542	9,077
74	51	68 660	3 769,116	34 539,286	9,164	8,699
75	52	66 384	3 503,969	30 770,170	8,782	8,317
76	53	64 002	3 248,326	27 266,202	8,394	7,929
77	54	61 465	2 999,563	24 017,876	8,007	7,542
78	55	58 793	2 758,829	21 018,312	7,619	7,154
79	56	55 938	2 523,884	18 259,484	7,235	6,770
80	57	52 925	2 296,094	15 735,599	6,853	6,388
81	58	49 742	2 075,039	13 439,505	6,477	6,012
82	59	46 330	1 858,356	11 364,467	6,115	5,651
83	60	42 762	1 649,256	9 506,111	5,764	5,299
84	61	39 071	1 448,950	7 856,855	5,422	4,958
85	62	35 275	1 257,861	6 407,905	5,094	4,629
86	63	31 389	1 076,230	5 150,044	4,785	4,320
87	64	27 507	906,866	4 073,815	4,492	4,027
88	65	23 695	751,138	3 166,949	4,216	3,751
89	66	20 011	609,947	2 415,811	3,961	3,496
90	67	16 560	485,360	1 805,864	3,721	3,256
91	68	13 425	378,337	1 320,503	3,490	3,025
92	69	10 640	288,314	942,167	3,268	2,803
93	70	8 147	212,264	653,853	3,080	2,616
94	71	6 086	152,472	441,589	2,896	2,431
95	72	4 382	105,555	289,117	2,739	2,274
96	73	3 064	70,982	183,561	2,586	2,121
97	74	2 042	45,490	112,580	2,475	2,010
98	75	1 331	28,500	67,090	2,354	1,889
99	76	834	17,178	38,590	2,246	1,782
100	77	503	9,959	21,411	2,150	1,685

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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24	0	99 175	38 690,437	867 986,270	22,434	21,969
25	1	98 830	37 072,925	829 295,833	22,369	21,904
26	2	98 763	35 622,598	792 222,908	22,239	21,775
27	3	98 705	34 232,528	756 600,310	22,102	21,637
28	4	98 649	32 897,298	722 367,782	21,958	21,493
29	5	98 592	31 613,655	689 470,484	21,809	21,344
30	6	98 532	30 379,182	657 856,830	21,655	21,190
31	7	98 468	29 191,770	627 477,648	21,495	21,030
32	8	98 403	28 050,420	598 285,878	21,329	20,864
33	9	98 333	26 952,579	570 235,458	21,157	20,692
34	10	98 255	25 895,395	543 282,879	20,980	20,515
35	11	98 174	24 878,802	517 387,484	20,796	20,331
36	12	98 088	23 900,885	492 508,682	20,606	20,141
37	13	97 996	22 960,065	468 607,797	20,410	19,945
38	14	97 890	22 053,276	445 647,732	20,208	19,743
39	15	97 777	21 180,480	423 594,456	19,999	19,534
40	16	97 656	20 340,684	402 413,976	19,784	19,319
41	17	97 521	19 531,265	382 073,292	19,562	19,097
42	18	97 377	18 752,460	362 542,026	19,333	18,868
43	19	97 218	18 001,686	343 789,566	19,098	18,633
44	20	97 051	17 279,641	325 787,880	18,854	18,389
45	21	96 859	16 582,099	308 508,239	18,605	18,140
46	22	96 653	15 910,472	291 926,140	18,348	17,883
47	23	96 427	15 262,707	276 015,668	18,084	17,619
48	24	96 181	14 638,295	260 752,961	17,813	17,348
49	25	95 909	14 035,380	246 114,666	17,535	17,070
50	26	95 605	13 452,900	232 079,285	17,251	16,786
51	27	95 270	12 890,054	218 626,386	16,961	16,496
52	28	94 897	12 345,742	205 736,332	16,665	16,200
53	29	94 481	11 818,966	193 390,590	16,363	15,898
54	30	94 013	11 308,080	181 571,624	16,057	15,592
55	31	93 484	10 811,920	170 263,544	15,748	15,283
56	32	92 902	10 331,364	159 451,624	15,434	14,969
57	33	92 258	9 865,184	149 120,260	15,116	14,651
58	34	91 549	9 412,808	139 255,076	14,794	14,329
59	35	90 765	8 973,310	129 842,268	14,470	14,005
60	36	89 917	8 547,547	120 868,958	14,141	13,676
61	37	88 992	8 134,263	112 321,411	13,808	13,344
62	38	87 987	7 733,096	104 187,147	13,473	13,008
63	39	86 884	7 342,446	96 454,051	13,137	12,672
64	40	85 705	6 964,229	89 111,605	12,796	12,331
65	41	84 426	6 596,408	82 147,376	12,453	11,989
66	42	83 062	6 240,266	75 550,968	12,107	11,642
67	43	81 618	5 895,932	69 310,703	11,756	11,291
68	44	80 076	5 562,086	63 414,771	11,401	10,936
69	45	78 464	5 240,490	57 852,685	11,040	10,575
70	46	76 720	4 926,931	52 612,195	10,678	10,214
71	47	74 918	4 626,136	47 685,264	10,308	9,843
72	48	72 972	4 332,662	43 059,127	9,938	9,473
73	49	70 948	4 050,471	38 726,466	9,561	9,096
74	50	68 788	3 776,114	34 675,995	9,183	8,718
75	51	66 526	3 511,493	30 899,881	8,800	8,335
76	52	64 152	3 255,922	27 388,388	8,412	7,947
77	53	61 623	3 007,285	24 132,466	8,025	7,560
78	54	58 963	2 766,821	21 125,181	7,635	7,170
79	55	56 120	2 532,102	18 358,360	7,250	6,785
80	56	53 114	2 304,337	15 826,258	6,868	6,403
81	57	49 938	2 083,213	13 521,921	6,491	6,026
82	58	46 532	1 866,474	11 438,708	6,129	5,664
83	59	42 964	1 657,054	9 572,233	5,777	5,312
84	60	39 278	1 456,635	7 915,179	5,434	4,969
85	61	35 477	1 265,054	6 458,544	5,105	4,641
86	62	31 582	1 082,872	5 193,490	4,796	4,331
87	63	27 694	913,028	4 110,618	4,502	4,037
88	64	23 873	756,793	3 197,590	4,225	3,760
89	65	20 171	614,847	2 440,797	3,970	3,505
90	66	16 707	489,651	1 825,949	3,729	3,264
91	67	13 553	381,959	1 336,298	3,499	3,034
92	68	10 752	291,363	954,340	3,275	2,811
93	69	8 242	214,745	662,976	3,087	2,622
94	70	6 164	154,418	448,232	2,903	2,438
95	71	4 443	107,022	293,814	2,745	2,281
96	72	3 110	72,049	186,792	2,593	2,128
97	73	2 077	46,249	114,743	2,481	2,016
98	74	1 355	29,018	68,494	2,360	1,896
99	75	851	17,515	39,476	2,254	1,789
100	76	514	10,178	21,961	2,158	1,693

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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25	0	99 128	37 184,677	829 696,729	22,313	21,848
26	1	98 787	35 631,433	792 512,052	22,242	21,777
27	2	98 717	34 236,781	756 880,619	22,107	21,642
28	3	98 659	32 900,691	722 643,838	21,964	21,500
29	4	98 601	31 616,680	689 743,147	21,816	21,351
30	5	98 541	30 381,888	658 126,467	21,662	21,197
31	6	98 476	29 194,353	627 744,580	21,502	21,037
32	7	98 407	28 051,723	598 550,227	21,337	20,873
33	8	98 340	26 954,457	570 498,504	21,165	20,700
34	9	98 261	25 896,979	543 544,047	20,989	20,524
35	10	98 180	24 880,257	517 647,067	20,806	20,341
36	11	98 095	23 902,733	492 766,810	20,616	20,151
37	12	98 003	22 961,868	468 864,077	20,419	19,954
38	13	97 900	22 055,354	445 902,208	20,217	19,753
39	14	97 786	21 182,433	423 846,854	20,009	19,545
40	15	97 668	20 343,159	402 664,421	19,794	19,329
41	16	97 535	19 534,142	382 321,262	19,572	19,107
42	17	97 391	18 755,014	362 787,120	19,343	18,879
43	18	97 237	18 005,233	344 032,106	19,107	18,643
44	19	97 068	17 282,662	326 026,873	18,864	18,400
45	20	96 877	16 585,165	308 744,211	18,616	18,151
46	21	96 669	15 913,096	292 159,046	18,360	17,895
47	22	96 443	15 265,193	276 245,950	18,096	17,632
48	23	96 199	14 640,930	260 980,757	17,825	17,361
49	24	95 926	14 037,906	246 339,827	17,548	17,083
50	25	95 624	13 455,459	232 301,921	17,265	16,800
51	26	95 288	12 892,480	218 846,462	16,975	16,510
52	27	94 917	12 348,399	205 953,982	16,679	16,214
53	28	94 504	11 821,752	193 605,582	16,377	15,912
54	29	94 038	11 311,007	181 783,831	16,071	15,607
55	30	93 513	10 815,350	170 472,823	15,762	15,297
56	31	92 931	10 334,609	159 657,474	15,449	14,984
57	32	92 290	9 868,565	149 322,865	15,131	14,666
58	33	91 582	9 416,201	139 454,300	14,810	14,345
59	34	90 802	8 976,955	130 038,099	14,486	14,021
60	35	89 954	8 551,072	121 061,144	14,157	13,693
61	36	89 033	8 137,995	112 510,073	13,825	13,360
62	37	88 029	7 736,768	104 372,078	13,490	13,026
63	38	86 937	7 346,878	96 635,310	13,153	12,688
64	39	85 757	6 968,418	89 288,432	12,813	12,348
65	40	84 484	6 600,934	82 320,014	12,471	12,006
66	41	83 124	6 244,889	75 719,079	12,125	11,660
67	42	81 683	5 900,615	69 474,191	11,774	11,309
68	43	80 149	5 567,141	63 573,576	11,419	10,955
69	44	78 541	5 245,581	58 006,434	11,058	10,593
70	45	76 809	4 932,614	52 760,853	10,696	10,232
71	46	75 009	4 631,776	47 828,238	10,326	9,861
72	47	73 072	4 338,607	43 196,463	9,956	9,491
73	48	71 061	4 056,938	38 857,856	9,578	9,113
74	49	68 908	3 782,726	34 800,918	9,200	8,735
75	50	66 650	3 518,012	31 018,191	8,817	8,352
76	51	64 289	3 262,914	27 500,179	8,428	7,963
77	52	61 767	3 014,318	24 237,266	8,041	7,576
78	53	59 115	2 773,944	21 222,948	7,651	7,186
79	54	56 282	2 539,438	18 449,004	7,265	6,800
80	55	53 287	2 311,840	15 909,567	6,882	6,417
81	56	50 118	2 090,692	13 597,727	6,504	6,039
82	57	46 716	1 873,827	11 507,035	6,141	5,676
83	58	43 152	1 664,293	9 633,208	5,788	5,323
84	59	39 464	1 463,523	7 968,915	5,445	4,980
85	60	35 665	1 271,763	6 505,392	5,115	4,650
86	61	31 763	1 089,065	5 233,629	4,806	4,341
87	62	27 865	918,663	4 144,564	4,512	4,047
88	63	24 035	761,936	3 225,900	4,234	3,769
89	64	20 323	619,476	2 463,965	3,977	3,513
90	65	16 841	493,585	1 844,488	3,737	3,272
91	66	13 673	385,335	1 350,904	3,506	3,041
92	67	10 855	294,153	965,569	3,283	2,818
93	68	8 329	217,016	671,416	3,094	2,629
94	69	6 236	156,223	454,400	2,909	2,444
95	70	4 499	108,387	298,177	2,751	2,286
96	71	3 154	73,050	189,790	2,598	2,133
97	72	2 108	46,944	116,740	2,487	2,022
98	73	1 378	29,502	69,795	2,366	1,901
99	74	866	17,833	40,293	2,259	1,795
100	75	524	10,378	22,460	2,164	1,699

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	2 302 592,078	23,026	22,561	50	50	94 053	11 737,286	183 370,595	15,623	15,158
1	1	99 344	95 294,302	2 202 592,078	23,114	22,648	51	51	93 566	11 200,565	171 633,309	15,324	14,858
2	2	99 292	91 361,478	2 107 297,776	23,065	22,600	52	52	93 020	10 681,238	160 432,744	15,020	14,555
3	3	99 264	87 612,343	2 015 936,298	23,010	22,545	53	53	92 419	10 179,562	149 751,507	14,711	14,246
4	4	99 243	84 022,795	1 928 323,955	22,950	22,485	54	54	91 749	9 693,746	139 571,944	14,398	13,933
5	5	99 223	80 581,108	1 844 301,160	22,888	22,422	55	55	90 997	9 222,406	129 878,199	14,083	13,618
6	6	99 204	77 281,377	1 763 720,052	22,822	22,357	56	56	90 166	8 765,586	120 655,793	13,765	13,299
7	7	99 187	74 117,521	1 686 438,674	22,754	22,288	57	57	89 251	8 322,970	111 890,207	13,444	12,978
8	8	99 174	71 086,517	1 612 321,153	22,681	22,216	58	58	88 249	7 894,026	103 567,237	13,120	12,654
9	9	99 158	68 177,923	1 541 234,636	22,606	22,141	59	59	87 149	7 477,779	95 673,210	12,794	12,329
10	10	99 144	65 389,255	1 473 056,713	22,528	22,062	60	60	85 963	7 075,368	88 195,431	12,465	12,000
11	11	99 130	62 714,867	1 407 667,458	22,446	21,980	61	61	84 669	6 684,744	81 120,064	12,135	11,670
12	12	99 115	60 148,838	1 344 952,591	22,360	21,895	62	62	83 277	6 306,770	74 435,320	11,802	11,337
13	13	99 101	57 688,225	1 284 803,753	22,272	21,806	63	63	81 777	5 940,751	68 128,549	11,468	11,003
14	14	99 082	55 325,908	1 227 115,527	22,180	21,715	64	64	80 171	5 586,646	62 187,798	11,132	10,666
15	15	99 059	53 058,323	1 171 789,619	22,085	21,620	65	65	78 438	5 243,041	56 601,152	10,795	10,330
16	16	99 031	50 880,946	1 118 731,296	21,987	21,522	66	66	76 613	4 912,271	51 358,112	10,455	9,990
17	17	98 992	48 787,400	1 067 850,350	21,888	21,423	67	67	74 681	4 593,161	46 445,841	10,112	9,647
18	18	98 951	46 779,237	1 019 062,950	21,785	21,319	68	68	72 641	4 285,594	41 852,679	9,766	9,301
19	19	98 894	44 846,138	972 283,713	21,680	21,215	69	69	70 502	3 989,837	37 567,085	9,416	8,950
20	20	98 837	42 993,256	927 437,575	21,572	21,106	70	70	68 217	3 703,142	33 577,248	9,067	8,602
21	21	98 777	41 215,103	884 444,320	21,459	20,994	71	71	65 856	3 429,196	29 874,106	8,712	8,246
22	22	98 720	39 512,332	843 229,217	21,341	20,876	72	72	63 353	3 164,388	26 444,910	8,357	7,892
23	23	98 659	37 878,155	803 716,885	21,218	20,753	73	73	60 780	2 912,118	23 280,522	7,994	7,529
24	24	98 601	36 312,546	765 838,730	21,090	20,625	74	74	58 064	2 668,561	20 368,404	7,633	7,168
25	25	98 537	34 809,373	729 526,184	20,958	20,493	75	75	55 255	2 435,945	17 699,843	7,266	6,801
26	26	98 475	33 369,315	694 716,811	20,819	20,354	76	76	52 370	2 214,650	15 263,898	6,892	6,427
27	27	98 411	31 988,226	661 347,496	20,675	20,209	77	77	49 336	2 001,285	13 049,249	6,520	6,055
28	28	98 344	30 663,379	629 359,270	20,525	20,060	78	78	46 202	1 797,751	11 047,964	6,145	5,680
29	29	98 274	29 392,124	598 695,891	20,369	19,904	79	79	42 891	1 600,870	9 250,213	5,778	5,313
30	30	98 197	28 171,885	569 303,767	20,208	19,743	80	80	39 447	1 412,303	7 649,342	5,416	4,951
31	31	98 111	26 999,655	541 131,881	20,042	19,577	81	81	35 864	1 231,681	6 237,039	5,064	4,599
32	32	98 019	25 874,872	514 132,226	19,870	19,405	82	82	32 118	1 058,062	5 005,358	4,731	4,265
33	33	97 924	24 795,787	488 257,354	19,691	19,226	83	83	28 314	894,713	3 947,295	4,412	3,947
34	34	97 817	23 758,960	463 461,568	19,507	19,042	84	84	24 532	743,616	3 052,582	4,105	3,640
35	35	97 702	22 763,586	439 702,608	19,316	18,851	85	85	20 824	605,476	2 308,967	3,813	3,348
36	36	97 583	21 809,064	416 939,022	19,118	18,652	86	86	17 225	480,411	1 703,490	3,546	3,081
37	37	97 455	20 892,402	395 129,958	18,913	18,447	87	87	13 872	371,137	1 223,080	3,295	2,830
38	38	97 313	20 011,534	374 237,556	18,701	18,236	88	88	10 836	278,096	851,943	3,063	2,598
39	39	97 150	19 163,653	354 226,022	18,484	18,019	89	89	8 172	201,156	573,847	2,853	2,388
40	40	96 984	18 350,886	335 062,369	18,259	17,793	90	90	5 939	140,231	372,691	2,658	2,192
41	41	96 797	17 568,925	316 711,483	18,027	17,562	91	91	4 144	93,856	232,459	2,477	2,012
42	42	96 597	16 817,749	299 142,558	17,787	17,322	92	92	2 762	60,019	138,604	2,309	1,844
43	43	96 381	16 096,104	282 324,809	17,540	17,075	93	93	1 739	36,235	78,585	2,169	1,704
44	44	96 145	15 402,136	266 228,704	17,285	16,820	94	94	1 041	20,802	42,350	2,036	1,571
45	45	95 879	14 733,353	250 826,568	17,024	16,559	95	95	585	11,213	21,548	1,922	1,456
46	46	95 581	14 088,779	236 093,215	16,758	16,292	96	96	310	5,705	10,335	1,811	1,346
47	47	95 257	13 468,548	222 004,436	16,483	16,018	97	97	150	2,649	4,630	1,748	1,282
48	48	94 901	12 871,217	208 535,888	16,202	15,737	98	98	70	1,182	1,980	1,676	1,211
49	49	94 498	12 294,076	195 664,671	15,915	15,450	99	99	31	0,498	0,799	1,605	1,140
							100	100	13	0,195	0,301	1,543	1,078

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 699	99 699,466	2 300 135,737	23,071	22,605	50	51	93 878	11 715,534	181 684,991	15,508	15,043
1	2	99 320	95 270,675	2 200 436,271	23,097	22,631	51	52	93 366	11 176,566	169 969,457	15,208	14,742
2	3	99 280	91 350,128	2 105 165,596	23,045	22,580	52	53	92 803	10 656,319	158 792,891	14,901	14,436
3	4	99 254	87 603,308	2 013 815,468	22,988	22,523	53	54	92 182	10 153,425	148 136,573	14,590	14,125
4	5	99 234	84 014,756	1 926 212,160	22,927	22,462	54	55	91 483	9 665,743	137 983,148	14,275	13,810
5	6	99 214	80 573,930	1 842 197,405	22,863	22,398	55	56	90 702	9 192,475	128 317,405	13,959	13,494
6	7	99 196	77 274,541	1 761 623,475	22,797	22,332	56	57	89 843	8 734,232	119 124,930	13,639	13,174
7	8	99 182	74 114,078	1 684 348,934	22,726	22,261	57	58	88 901	8 290,310	110 390,698	13,316	12,850
8	9	99 167	71 081,564	1 610 234,855	22,653	22,188	58	59	87 865	7 859,692	102 100,388	12,990	12,525
9	10	99 152	68 173,753	1 539 153,292	22,577	22,112	59	60	86 738	7 442,586	94 240,697	12,662	12,197
10	11	99 138	65 385,430	1 470 979,539	22,497	22,032	60	61	85 510	7 038,038	86 798,110	12,333	11,867
11	12	99 123	62 710,017	1 405 594,110	22,414	21,949	61	62	84 188	6 646,735	79 760,072	12,000	11,535
12	13	99 107	60 144,115	1 342 884,092	22,328	21,863	62	63	82 766	6 268,082	73 113,337	11,664	11,199
13	14	99 091	57 682,790	1 282 739,977	22,238	21,773	63	64	81 226	5 900,658	66 845,255	11,328	10,863
14	15	99 073	55 320,807	1 225 057,187	22,145	21,679	64	65	79 572	5 544,899	60 944,597	10,991	10,526
15	16	99 047	53 051,868	1 169 736,380	22,049	21,584	65	66	77 813	5 201,252	55 399,699	10,651	10,186
16	17	99 017	50 873,454	1 116 684,512	21,950	21,485	66	67	75 942	4 869,229	50 198,447	10,309	9,844
17	18	98 979	48 780,757	1 065 811,058	21,849	21,384	67	68	73 972	4 549,608	45 329,218	9,963	9,498
18	19	98 932	46 770,020	1 017 030,301	21,745	21,280	68	69	71 881	4 240,743	40 779,610	9,616	9,151
19	20	98 877	44 838,300	970 260,281	21,639	21,174	69	70	69 688	3 943,736	36 538,867	9,265	8,800
20	21	98 819	42 985,307	925 421,981	21,529	21,064	70	71	67 358	3 656,487	32 595,132	8,914	8,449
21	22	98 760	41 208,306	882 436,674	21,414	20,949	71	72	64 953	3 382,210	28 938,645	8,556	8,091
22	23	98 704	39 505,899	841 228,368	21,294	20,829	72	73	62 414	3 117,512	25 556,435	8,198	7,732
23	24	98 642	37 871,339	801 722,469	21,170	20,704	73	74	59 782	2 864,313	22 438,923	7,834	7,369
24	25	98 583	36 306,012	763 851,130	21,039	20,574	74	75	57 028	2 620,945	19 574,610	7,469	7,003
25	26	98 518	34 802,751	727 545,119	20,905	20,440	75	76	54 192	2 389,098	16 953,665	7,096	6,631
26	27	98 456	33 363,035	692 742,367	20,764	20,299	76	77	51 241	2 166,889	14 564,567	6,721	6,256
27	28	98 390	31 981,343	659 379,333	20,618	20,152	77	78	48 162	1 953,661	12 397,678	6,346	5,881
28	29	98 321	30 656,154	627 397,990	20,466	20,000	78	79	44 934	1 748,406	10 444,017	5,973	5,508
29	30	98 248	29 384,519	596 741,836	20,308	19,843	79	80	41 544	1 550,580	8 695,610	5,608	5,143
30	31	98 166	28 162,951	567 357,318	20,146	19,680	80	81	38 009	1 360,808	7 145,031	5,251	4,785
31	32	98 080	26 991,177	539 194,367	19,977	19,511	81	82	34 334	1 179,121	5 784,222	4,906	4,440
32	33	97 986	25 866,007	512 203,189	19,802	19,337	82	83	30 532	1 005,816	4 605,102	4,578	4,113
33	34	97 888	24 786,852	486 337,183	19,621	19,156	83	84	26 708	843,973	3 599,285	4,265	3,799
34	35	97 777	23 749,314	461 550,331	19,434	18,969	84	85	22 934	695,159	2 755,312	3,964	3,498
35	36	97 662	22 754,204	437 801,017	19,240	18,775	85	86	19 239	559,385	2 060,153	3,683	3,218
36	37	97 539	21 799,065	415 046,813	19,040	18,574	86	87	15 723	438,528	1 500,769	3,422	2,957
37	38	97 408	20 882,485	393 247,748	18,831	18,366	87	88	12 486	334,043	1 062,240	3,180	2,715
38	39	97 254	19 999,462	372 365,263	18,619	18,154	88	89	9 599	246,337	728,197	2,956	2,491
39	40	97 092	19 152,133	352 365,801	18,398	17,933	89	90	7 113	175,103	481,860	2,752	2,287
40	41	96 917	18 338,303	333 213,668	18,170	17,705	90	91	5 063	119,551	306,757	2,566	2,101
41	42	96 726	17 555,920	314 875,366	17,936	17,470	91	92	3 449	78,122	187,207	2,396	1,931
42	43	96 520	16 804,400	297 319,446	17,693	17,228	92	93	2 244	48,765	109,084	2,237	1,772
43	44	96 293	16 081,488	280 515,046	17,443	16,978	93	94	1 375	28,663	60,319	2,104	1,639
44	45	96 052	15 387,187	264 433,558	17,185	16,720	94	95	801	16,014	31,656	1,977	1,512
45	46	95 769	14 716,377	249 046,371	16,923	16,458	95	96	437	8,379	15,642	1,867	1,402
46	47	95 465	14 071,626	234 329,994	16,653	16,187	96	97	222	4,076	7,264	1,782	1,317
47	48	95 126	13 450,092	220 258,368	16,376	15,911	97	98	105	1,857	3,188	1,717	1,251
48	49	94 750	12 850,699	206 808,276	16,093	15,628	98	99	48	0,812	1,331	1,640	1,174
49	50	94 333	12 272,585	193 957,576	15,804	15,339	99	100	20	0,330	0,519	1,574	1,108

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 675	99 674,746	2 297 803,158	23,053	22,588	50	52	93 677	11 690,431	179 865,877	15,386	14,921
1	3	99 307	95 258,840	2 198 128,412	23,075	22,610	51	53	93 148	11 150,491	168 175,446	15,082	14,617
2	4	99 270	91 340,708	2 102 869,572	23,022	22,557	52	54	92 565	10 628,957	157 024,955	14,773	14,308
3	5	99 245	87 594,925	2 011 528,865	22,964	22,499	53	55	91 915	10 124,094	146 395,998	14,460	13,995
4	6	99 225	84 007,272	1 923 933,939	22,902	22,437	54	56	91 187	9 634,374	136 271,903	14,144	13,679
5	7	99 206	80 566,802	1 839 926,668	22,837	22,372	55	57	90 377	9 159,594	126 637,530	13,826	13,360
6	8	99 191	77 270,951	1 759 359,865	22,769	22,303	56	58	89 490	8 699,958	117 477,936	13,503	13,038
7	9	99 175	74 108,914	1 682 088,914	22,698	22,232	57	59	88 514	8 254,252	108 777,978	13,178	12,713
8	10	99 161	71 077,215	1 607 980,000	22,623	22,158	58	60	87 452	7 822,701	100 523,727	12,850	12,385
9	11	99 146	68 169,765	1 536 902,785	22,545	22,080	59	61	86 281	7 403,319	92 701,025	12,522	12,056
10	12	99 131	65 380,374	1 468 733,020	22,464	21,999	60	62	85 024	6 998,021	85 297,706	12,189	11,724
11	13	99 115	62 705,093	1 403 352,647	22,380	21,915	61	63	83 671	6 605,961	78 299,685	11,853	11,388
12	14	99 098	60 138,449	1 340 647,553	22,293	21,827	62	64	82 207	6 225,779	71 693,724	11,516	11,050
13	15	99 082	57 677,472	1 280 509,105	22,201	21,736	63	65	80 619	5 856,564	65 467,945	11,179	10,713
14	16	99 061	55 314,076	1 222 831,633	22,107	21,642	64	66	78 938	5 500,703	59 611,381	10,837	10,372
15	17	99 032	53 044,056	1 167 517,557	22,010	21,545	65	67	77 131	5 155,678	54 110,677	10,495	10,030
16	18	99 003	50 866,527	1 114 473,501	21,910	21,445	66	68	75 222	4 823,058	48 955,000	10,150	9,685
17	19	98 959	48 771,146	1 063 606,974	21,808	21,343	67	69	73 198	4 501,993	44 131,942	9,803	9,338
18	20	98 915	46 761,845	1 014 835,828	21,702	21,237	68	70	71 050	4 191,743	39 629,949	9,454	8,989
19	21	98 859	44 830,010	968 073,982	21,594	21,129	69	71	68 810	3 894,050	35 438,206	9,101	8,635
20	22	98 803	42 978,219	923 243,972	21,482	21,016	70	72	66 435	3 606,386	31 544,156	8,747	8,282
21	23	98 744	41 201,597	880 265,754	21,365	20,900	71	73	63 991	3 332,107	27 937,770	8,384	7,919
22	24	98 686	39 498,790	839 064,156	21,243	20,778	72	74	61 390	3 066,334	24 605,662	8,024	7,559
23	25	98 624	37 864,524	799 565,367	21,116	20,651	73	75	58 716	2 813,204	21 539,328	7,657	7,191
24	26	98 565	36 299,105	761 700,843	20,984	20,519	74	76	55 931	2 570,541	18 726,124	7,285	6,820
25	27	98 499	34 796,202	725 401,737	20,847	20,382	75	77	53 024	2 337,575	16 155,583	6,911	6,446
26	28	98 435	33 355,856	690 605,536	20,704	20,239	76	78	50 022	2 115,325	13 818,008	6,532	6,067
27	29	98 367	31 973,807	657 249,680	20,556	20,091	77	79	46 840	1 900,037	11 702,684	6,159	5,694
28	30	98 296	30 648,221	625 275,874	20,402	19,936	78	80	43 522	1 693,481	9 802,647	5,788	5,323
29	31	98 217	29 375,200	594 627,653	20,243	19,777	79	81	40 029	1 494,043	8 109,165	5,428	4,962
30	32	98 135	28 154,108	565 252,453	20,077	19,612	80	82	36 387	1 302,737	6 615,122	5,078	4,613
31	33	98 046	26 981,929	537 098,345	19,906	19,441	81	83	32 638	1 120,897	5 312,385	4,739	4,274
32	34	97 951	25 856,686	510 116,416	19,729	19,263	82	84	28 801	948,775	4 191,488	4,418	3,953
33	35	97 849	24 776,788	484 259,729	19,545	19,080	83	85	24 968	788,977	3 242,713	4,110	3,645
34	36	97 737	23 739,526	459 482,941	19,355	18,890	84	86	21 188	642,241	2 453,736	3,821	3,355
35	37	97 617	22 743,771	435 743,415	19,159	18,694	85	87	17 561	510,617	1 811,495	3,548	3,082
36	38	97 492	21 788,717	412 999,644	18,955	18,490	86	88	14 152	394,699	1 300,878	3,296	2,831
37	39	97 350	20 869,888	391 210,926	18,745	18,280	87	89	11 060	295,895	906,178	3,063	2,597
38	40	97 196	19 987,439	370 341,038	18,529	18,063	88	90	8 356	214,432	610,284	2,846	2,381
39	41	97 025	19 139,001	350 353,599	18,306	17,841	89	91	6 064	149,279	395,852	2,652	2,187
40	42	96 846	18 324,727	331 214,599	18,075	17,610	90	92	4 214	99,510	246,572	2,478	2,013
41	43	96 649	17 541,984	312 889,871	17,837	17,371	91	93	2 802	63,474	147,063	2,317	1,852
42	44	96 432	16 789,140	295 347,887	17,592	17,126	92	94	1 775	38,575	83,588	2,167	1,702
43	45	96 200	16 065,880	278 558,746	17,339	16,873	93	95	1 059	22,066	45,014	2,040	1,575
44	46	95 941	15 369,457	262 492,866	17,079	16,614	94	96	599	11,966	22,948	1,918	1,453
45	47	95 652	14 698,460	247 123,409	16,813	16,348	95	97	312	5,985	10,982	1,835	1,370
46	48	95 334	14 052,343	232 424,949	16,540	16,075	96	98	155	2,857	4,997	1,749	1,284
47	49	94 975	13 428,652	218 372,606	16,262	15,796	97	99	72	1,276	2,140	1,678	1,212
48	50	94 584	12 828,236	204 943,954	15,976	15,511	98	100	32	0,538	0,864	1,606	1,141
49	51	94 158	12 249,842	192 115,718	15,683	15,218							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 662	99 662,364	2 295 309,136	23,031	22,566
1	4	99 297	95 249,016	2 195 646,772	23,052	22,586
2	5	99 260	91 331,968	2 100 397,757	22,997	22,532
3	6	99 236	87 587,122	2 009 065,789	22,938	22,473
4	7	99 216	83 999,840	1 921 478,667	22,875	22,410
5	8	99 201	80 563,060	1 837 478,826	22,808	22,343
6	9	99 184	77 265,566	1 756 915,767	22,739	22,273
7	10	99 169	74 104,380	1 679 650,200	22,666	22,201
8	11	99 155	71 073,058	1 605 545,820	22,590	22,125
9	12	99 139	68 164,493	1 534 472,762	22,511	22,046
10	13	99 123	65 375,240	1 466 308,269	22,429	21,964
11	14	99 106	62 699,185	1 400 933,029	22,344	21,879
12	15	99 089	60 132,904	1 338 233,844	22,255	21,789
13	16	99 070	57 670,454	1 278 100,940	22,162	21,697
14	17	99 046	55 305,931	1 220 430,486	22,067	21,602
15	18	99 019	53 036,833	1 165 124,555	21,968	21,503
16	19	98 984	50 856,506	1 112 087,721	21,867	21,402
17	20	98 942	48 762,621	1 061 231,216	21,763	21,298
18	21	98 896	46 753,200	1 012 468,594	21,656	21,190
19	22	98 842	44 822,618	965 715,394	21,545	21,080
20	23	98 787	42 971,222	920 892,776	21,430	20,965
21	24	98 726	41 194,182	877 921,555	21,312	20,847
22	25	98 669	39 491,682	836 727,373	21,187	20,722
23	26	98 605	37 857,321	797 235,690	21,059	20,594
24	27	98 546	36 292,274	759 378,369	20,924	20,459
25	28	98 478	34 788,714	723 086,095	20,785	20,320
26	29	98 412	33 347,996	688 297,381	20,640	20,175
27	30	98 341	31 965,533	654 949,385	20,489	20,024
28	31	98 265	30 638,501	622 983,853	20,333	19,868
29	32	98 186	29 365,976	592 345,351	20,171	19,706
30	33	98 101	28 144,461	562 979,375	20,003	19,538
31	34	98 011	26 972,207	534 834,914	19,829	19,364
32	35	97 911	25 846,189	507 862,707	19,649	19,184
33	36	97 808	24 766,577	482 016,518	19,462	18,997
34	37	97 692	23 728,642	457 249,941	19,270	18,805
35	38	97 570	22 732,976	433 521,299	19,070	18,605
36	39	97 433	21 775,573	410 788,324	18,865	18,399
37	40	97 291	20 857,342	389 012,751	18,651	18,186
38	41	97 129	19 973,734	368 155,409	18,432	17,967
39	42	96 954	19 124,833	348 181,675	18,206	17,741
40	43	96 769	18 310,182	329 056,842	17,971	17,506
41	44	96 561	17 526,055	310 746,660	17,731	17,265
42	45	96 339	16 772,845	293 220,605	17,482	17,017
43	46	96 089	16 047,368	276 447,759	17,227	16,762
44	47	95 824	15 350,745	260 400,391	16,963	16,498
45	48	95 521	14 678,318	245 049,646	16,695	16,229
46	49	95 182	14 029,943	230 371,328	16,420	15,955
47	50	94 809	13 405,178	216 341,385	16,139	15,673
48	51	94 409	12 804,462	202 936,207	15,849	15,384
49	52	93 956	12 223,594	190 131,745	15,554	15,089
50	53	93 459	11 663,158	177 908,151	15,254	14,789
51	54	92 909	11 121,860	166 244,993	14,948	14,482
52	55	92 297	10 598,253	155 123,133	14,637	14,171
53	56	91 617	10 091,237	144 524,880	14,322	13,857
54	57	90 860	9 599,912	134 433,643	14,004	13,538
55	58	90 023	9 123,650	124 833,731	13,682	13,217
56	59	89 101	8 662,118	115 710,081	13,358	12,893
57	60	88 098	8 215,404	107 047,963	13,030	12,565
58	61	86 990	7 781,429	98 832,558	12,701	12,236
59	62	85 790	7 361,225	91 051,129	12,369	11,904
60	63	84 502	6 955,092	83 689,904	12,033	11,568
61	64	83 106	6 561,378	76 734,813	11,695	11,230
62	65	81 593	6 179,256	70 173,434	11,356	10,891
63	66	79 976	5 809,885	63 994,178	11,015	10,549
64	67	78 246	5 452,505	58 184,294	10,671	10,206
65	68	76 400	5 106,790	52 731,788	10,326	9,861
66	69	74 434	4 772,581	47 624,998	9,979	9,514
67	70	72 353	4 449,975	42 852,416	9,630	9,165
68	71	70 155	4 138,932	38 402,442	9,278	8,813
69	72	67 867	3 840,694	34 263,510	8,921	8,456
70	73	65 451	3 552,963	30 422,816	8,563	8,097
71	74	62 941	3 277,407	26 869,853	8,199	7,733
72	75	60 294	3 011,621	23 592,446	7,834	7,369
73	76	57 586	2 759,102	20 580,825	7,459	6,994
74	77	54 725	2 515,104	17 821,722	7,086	6,621
75	78	51 762	2 281,949	15 306,618	6,708	6,242
76	79	48 649	2 057,263	13 024,669	6,331	5,866
77	80	45 369	1 840,348	10 967,406	5,959	5,494
78	81	41 936	1 631,734	9 127,057	5,593	5,128
79	82	38 321	1 430,287	7 495,323	5,240	4,775
80	83	34 590	1 238,410	6 065,036	4,897	4,432
81	84	30 787	1 057,329	4 826,627	4,565	4,100
82	85	26 924	886,950	3 769,297	4,250	3,785
83	86	23 067	728,916	2 882,347	3,954	3,489
84	87	19 341	586,250	2 153,431	3,673	3,208
85	88	15 806	459,584	1 567,181	3,410	2,945
86	89	12 536	349,624	1 107,598	3,168	2,703
87	90	9 628	257,571	757,974	2,943	2,478
88	91	7 123	182,808	500,403	2,737	2,272
89	92	5 048	124,255	317,594	2,556	2,091
90	93	3 424	80,852	193,339	2,391	1,926
91	94	2 217	50,210	112,488	2,240	1,775
92	95	1 367	29,696	62,278	2,097	1,632
93	96	791	16,488	32,582	1,976	1,511
94	97	428	8,548	16,094	1,883	1,418
95	98	219	4,196	7,546	1,799	1,333
96	99	107	1,962	3,351	1,707	1,242
97	100	48	0,846	1,388	1,641	1,176

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 652	99 652,086	2 292 631,439	23,006	22,541
1	5	99 288	95 239,902	2 192 979,353	23,026	22,561
2	6	99 251	91 323,832	2 097 739,451	22,970	22,505
3	7	99 227	87 579,375	2 006 415,619	22,910	22,444
4	8	99 212	83 995,938	1 918 836,245	22,844	22,379
5	9	99 194	80 557,446	1 834 840,307	22,777	22,312
6	10	99 178	77 260,840	1 754 282,861	22,706	22,241
7	11	99 163	74 100,046	1 677 022,021	22,632	22,167
8	12	99 147	71 067,562	1 602 921,976	22,555	22,090
9	13	99 131	68 159,141	1 531 854,414	22,475	22,009
10	14	99 114	65 369,080	1 463 695,273	22,391	21,926
11	15	99 097	62 693,404	1 398 326,192	22,304	21,839
12	16	99 077	60 125,587	1 335 632,788	22,214	21,749
13	17	99 055	57 661,962	1 275 507,201	22,120	21,655
14	18	99 032	55 298,401	1 217 845,239	22,023	21,558
15	19	98 999	53 026,384	1 162 546,838	21,924	21,459
16	20	98 966	50 847,616	1 109 520,454	21,821	21,355
17	21	98 924	48 753,606	1 058 672,837	21,715	21,250
18	22	98 880	46 745,491	1 009 919,231	21,605	21,139
19	23	98 826	44 815,320	963 173,740	21,492	21,027
20	24	98 769	42 963,488	918 358,420	21,375	20,910
21	25	98 709	41 186,770	875 394,932	21,254	20,789
22	26	98 650	39 484,170	834 208,162	21,128	20,662
23	27	98 587	37 850,197	794 723,992	20,997	20,531
24	28	98 525	36 284,464	756 873,795	20,859	20,394
25	29	98 455	34 780,516	720 589,331	20,718	20,253
26	30	98 386	33 339,366	685 808,815	20,571	20,105
27	31	98 310	31 955,396	652 469,448	20,418	19,953
28	32	98 234	30 628,881	620 514,053	20,259	19,794
29	33	98 153	29 355,915	589 885,172	20,094	19,629
30	34	98 066	28 134,320	560 529,258	19,923	19,458
31	35	97 971	26 961,256	532 394,937	19,747	19,281
32	36	97 870	25 835,537	505 433,681	19,564	19,098
33	37	97 764	24 755,222	479 598,145	19,374	18,908
34	38	97 646	23 717,378	454 842,923	19,178	18,712
35	39	97 512	22 719,262	431 125,544	18,976	18,511
36	40	97 375	21 762,483	408 406,283	18,767	18,301
37	41	97 224	20 843,040	386 643,799	18,550	18,085
38	42	97 057	19 958,948	365 800,759	18,328	17,862
39	43	96 877	19 109,652	345 841,811	18,098	17,633
40	44	96 681	18 293,555	326 732,159	17,861	17,395
41	45	96 468	17 509,045	308 438,604	17,616	17,151
42	46	96 228	16 753,519	290 929,559	17,365	16,900
43	47	95 972	16 027,830	274 176,040	17,106	16,641
44	48	95 693	15 329,710	258 148,210	16,840	16,375
45	49	95 369	14 654,920	242 818,500	16,569	16,104
46	50	95 016	14 005,418	228 163,580	16,291	15,826
47	51	94 633	13 380,335	214 158,162	16,005	15,540
48	52	94 206	12 777,026	200 777,826	15,714	15,249
49	53	93 737	12 195,077	188 000,800	15,416	14,951
50	54	93 219	11 633,211	175 805,724	15,112	14,647
51	55	92 640	11 089,733	164 172,513	14,804	14,339
52	56	91 998	10 563,857	153 082,780	14,491	14,026
53	57	91 289	10 055,141	142 518,924	14,174	13,709
54	58	90 504	9 562,241	132 463,782	13,853	13,388
55	59	89 631	9 083,968	122 901,542	13,530	13,064
56	60	88 682	8 621,351	113 817,574	13,202	12,737
57	61	87 633	8 172,060	105 196,223	12,873	12,407
58	62	86 496	7 737,185	97 024,163	12,540	12,075
59	63	85 264	7 316,068	89 286,978	12,204	11,739
60	64	83 932	6 908,153	81 970,910	11,866	11,401
61	65	82 485	6 512,347	75 062,758	11,526	11,061
62	66	80 943	6 130,005	68 550,410	11,183	10,718
63	67	79 275	5 758,978	62 420,406	10,839	10,374
64	68	77 504	5 400,804	56 661,428	10,491	10,026
65	69	75 600	5 053,344	51 260,624	10,144	9,679
66	70	73 574	4 717,436	46 207,280	9,795	9,330
67	71	71 441	4 393,910	41 489,844	9,443	8,977
68	72	69 194	4 082,221	37 095,933	9,087	8,622
69	73	66 862	3 783,800	33 013,712	8,725	8,260
70	74	64 376	3 494,637	29 229,913	8,364	7,899
71	75	61 818	3 218,928	25 735,276	7,995	7,530
72	76	59 135	2 953,704	22 516,348	7,623	7,158
73	77	56 345	2 699,600	19 562,644	7,246	6,781
74	78	53 423	2 455,254	16 863,045	6,868	6,403
75	79	50 341	2 219,314	14 407,791	6,492	6,027
76	80	47 120	1 992,635	12 188,477	6,117	5,652
77	81	43 715	1 773,247	10 195,842	5,750	5,285
78	82	40 146	1 562,102	8 422,595	5,392	4,927
79	83	36 428	1 359,661	6 860,493	5,046	4,581
80	84	32 628	1 168,178	5 500,832	4,709	4,244
81	85	28 781	988,430	4 332,655	4,383	3,918
82	86	24 874	819,431	3 344,225	4,081	3,616
83	87	21 056	665,369	2 524,793	3,795	3,329
84	88	17 408	527,657	1 859,424	3,524	3,059
85	89	14 001	407,098	1 331,767	3,271	2,806
86	90	10 912	304,341	924,669	3,038	2,573
87	91	8 208	219,586	620,328	2,825	2,360
88	92	5 929	152,163	400,742	2,634	2,168
89	93	4 101	100,957	248,579	2,462	1,997
90	94	2 708	63,956	147,622	2,308	1,843
91	95	1 707	38,653	83,666	2,165	1,699
92	96	1 021	22,190	45,013	2,029	1,563
93	97	565	11,778	22,823	1,938	1,473
94	98	300	5,992	11,045	1,843	1,378
95	99	150	2,882	5,053	1,753	1,288
96	100	71	1,301	2,171	1,669	1,204

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 643	99 642,551	2 289 758,036	22,980	22,515
1	6	99 279	95 231,418	2 190 115,486	22,998	22,533
2	7	99 243	91 315,753	2 094 884,068	22,941	22,476
3	8	99 222	87 575,306	2 003 568,315	22,878	22,413
4	9	99 205	83 990,085	1 915 993,009	22,812	22,347
5	10	99 188	80 552,518	1 832 002,924	22,743	22,278
6	11	99 172	77 256,321	1 751 450,406	22,671	22,205
7	12	99 156	74 094,316	1 674 194,085	22,595	22,130
8	13	99 139	71 061,981	1 600 099,770	22,517	22,052
9	14	99 121	68 152,719	1 529 037,788	22,435	21,970
10	15	99 104	65 363,053	1 460 885,069	22,350	21,885
11	16	99 084	62 685,776	1 395 522,016	22,262	21,797
12	17	99 062	60 116,734	1 332 836,240	22,171	21,706
13	18	99 042	57 654,111	1 272 719,506	22,075	21,610
14	19	99 013	55 287,506	1 215 065,395	21,977	21,512
15	20	98 982	53 017,116	1 159 777,889	21,876	21,410
16	21	98 948	50 838,216	1 106 760,773	21,770	21,305
17	22	98 907	48 745,567	1 055 922,558	21,662	21,197
18	23	98 864	46 737,880	1 007 176,991	21,549	21,084
19	24	98 808	44 807,255	960 439,111	21,435	20,970
20	25	98 751	42 955,758	915 631,856	21,316	20,850
21	26	98 690	41 178,935	872 676,098	21,192	20,727
22	27	98 631	39 476,739	831 497,163	21,063	20,598
23	28	98 565	37 842,052	792 020,423	20,930	20,464
24	29	98 502	36 275,914	754 178,371	20,790	20,325
25	30	98 429	34 771,516	717 902,457	20,646	20,181
26	31	98 355	33 328,793	683 130,941	20,497	20,032
27	32	98 279	31 945,362	649 802,148	20,341	19,876
28	33	98 200	30 618,386	617 856,786	20,179	19,714
29	34	98 117	29 345,337	587 238,400	20,011	19,546
30	35	98 026	28 122,898	557 893,063	19,838	19,372
31	36	97 931	26 950,145	529 770,165	19,657	19,192
32	37	97 826	25 823,691	502 820,021	19,471	19,006
33	38	97 717	24 743,471	476 996,330	19,278	18,812
34	39	97 587	23 703,071	452 252,858	19,080	18,615
35	40	97 453	22 705,604	428 549,787	18,874	18,409
36	41	97 308	21 747,561	405 844,183	18,662	18,196
37	42	97 152	20 827,611	384 096,622	18,442	17,976
38	43	96 980	19 943,105	363 269,012	18,215	17,750
39	44	96 789	19 092,300	343 325,906	17,982	17,517
40	45	96 587	18 275,800	324 233,607	17,741	17,276
41	46	96 356	17 488,870	305 957,807	17,494	17,029
42	47	96 111	16 733,121	288 468,937	17,239	16,774
43	48	95 841	16 005,867	271 735,815	16,977	16,512
44	49	95 541	15 305,273	255 729,948	16,709	16,243
45	50	95 202	14 629,303	240 424,674	16,434	15,969
46	51	94 840	13 979,463	225 795,372	16,152	15,687
47	52	94 430	13 351,665	211 815,909	15,864	15,399
48	53	93 987	12 747,218	198 464,244	15,569	15,104
49	54	93 496	12 163,764	185 717,026	15,268	14,803
50	55	92 949	11 599,606	173 553,262	14,962	14,497
51	56	92 340	11 053,741	161 953,656	14,651	14,186
52	57	91 669	10 526,070	150 899,915	14,336	13,871
53	58	90 931	10 015,684	140 373,845	14,015	13,550
54	59	90 110	9 520,651	130 358,161	13,692	13,227
55	60	89 209	9 041,215	120 837,510	13,365	12,900
56	61	88 214	8 575,865	111 796,295	13,036	12,571
57	62	87 135	8 125,595	103 220,430	12,703	12,238
58	63	85 965	7 689,722	95 094,835	12,366	11,901
59	64	84 689	7 266,693	87 405,114	12,028	11,563
60	65	83 304	6 856,530	80 138,421	11,688	11,223
61	66	81 828	6 460,441	73 281,891	11,343	10,878
62	67	80 233	6 076,293	66 821,450	10,997	10,532
63	68	78 524	5 704,370	60 745,157	10,649	10,184
64	69	76 693	5 344,281	55 040,787	10,299	9,834
65	70	74 727	4 994,955	49 696,507	9,949	9,484
66	71	72 647	4 658,002	44 701,552	9,597	9,132
67	72	70 462	4 333,706	40 043,550	9,240	8,775
68	73	68 169	4 021,749	35 709,844	8,879	8,414
69	74	65 764	3 721,684	31 688,095	8,514	8,049
70	75	63 228	3 432,281	27 966,411	8,148	7,683
71	76	60 629	3 157,023	24 534,129	7,771	7,306
72	77	57 860	2 890,004	21 377,106	7,397	6,932
73	78	55 004	2 635,359	18 487,102	7,015	6,550
74	79	51 956	2 387,862	15 851,743	6,638	6,173
75	80	48 760	2 149,595	13 463,881	6,263	5,798
76	81	45 402	1 919,981	11 314,286	5,893	5,428
77	82	41 849	1 697,575	9 394,305	5,534	5,069
78	83	38 164	1 484,967	7 696,730	5,183	4,718
79	84	34 362	1 282,552	6 211,763	4,843	4,378
80	85	30 502	1 092,055	4 929,210	4,514	4,048
81	86	26 590	913,186	3 837,155	4,202	3,737
82	87	22 706	747,993	2 923,968	3,909	3,444
83	88	18 952	598,869	2 175,975	3,633	3,168
84	89	15 420	467,397	1 577,107	3,374	2,909
85	90	12 188	354,372	1 109,709	3,131	2,666
86	91	9 303	259,458	755,337	2,911	2,446
87	92	6 832	182,775	495,879	2,713	2,248
88	93	4 818	123,632	313,104	2,533	2,067
89	94	3 244	79,860	189,471	2,373	1,907
90	95	2 085	49,235	109,612	2,226	1,761
91	96	1 275	28,883	60,376	2,090	1,625
92	97	730	15,851	31,494	1,987	1,522
93	98	396	8,256	15,643	1,895	1,429
94	99	206	4,116	7,387	1,795	1,330
95	100	100	1,911	3,271	1,712	1,247

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 634	99 633,675	2 286 678,314	22,951	22,486
1	7	99 270	95 222,994	2 187 044,639	22,968	22,502
2	8	99 238	91 311,511	2 091 821,645	22,909	22,443
3	9	99 216	87 569,203	2 000 510,134	22,845	22,380
4	10	99 199	83 984,947	1 912 940,931	22,777	22,312
5	11	99 182	80 547,806	1 828 955,984	22,706	22,241
6	12	99 165	77 250,347	1 748 408,178	22,633	22,168
7	13	99 148	74 088,497	1 671 157,832	22,556	22,091
8	14	99 130	71 055,286	1 597 069,334	22,476	22,011
9	15	99 112	68 146,435	1 526 014,048	22,393	21,928
10	16	99 092	65 355,100	1 457 867,613	22,307	21,842
11	17	99 070	62 676,546	1 392 512,512	22,217	21,752
12	18	99 049	60 108,548	1 329 835,966	22,124	21,659
13	19	99 022	57 642,752	1 269 727,418	22,028	21,562
14	20	98 996	55 277,842	1 212 084,666	21,927	21,462
15	21	98 964	53 007,314	1 156 806,823	21,824	21,358
16	22	98 932	50 829,833	1 103 799,509	21,716	21,250
17	23	98 891	48 737,631	1 052 969,677	21,605	21,140
18	24	98 846	46 729,469	1 004 232,046	21,490	21,025
19	25	98 791	44 799,192	957 502,577	21,373	20,908
20	26	98 732	42 947,586	912 703,385	21,252	20,786
21	27	98 671	41 171,186	869 755,798	21,125	20,660
22	28	98 610	39 468,244	828 584,613	20,994	20,528
23	29	98 542	37 833,135	789 116,368	20,858	20,393
24	30	98 476	36 266,527	751 283,234	20,716	20,250
25	31	98 398	34 760,489	715 016,706	20,570	20,105
26	32	98 324	33 318,328	680 256,217	20,417	19,952
27	33	98 246	31 934,416	646 937,889	20,258	19,793
28	34	98 165	30 607,354	615 003,473	20,093	19,628
29	35	98 077	29 333,423	584 396,119	19,923	19,457
30	36	97 986	28 111,307	555 062,697	19,745	19,280
31	37	97 886	26 937,788	526 951,389	19,562	19,097
32	38	97 779	25 811,433	500 013,601	19,372	18,907
33	39	97 658	24 728,545	474 202,168	19,176	18,711
34	40	97 528	23 688,822	449 473,623	18,974	18,509
35	41	97 386	22 690,035	425 784,801	18,765	18,300
36	42	97 236	21 731,462	403 094,766	18,549	18,084
37	43	97 075	20 811,079	381 363,304	18,325	17,860
38	44	96 892	19 924,996	360 552,225	18,095	17,630
39	45	96 695	19 073,769	340 627,230	17,858	17,393
40	46	96 476	18 254,742	321 553,461	17,615	17,150
41	47	96 239	17 467,577	303 298,719	17,364	16,898
42	48	95 979	16 710,192	285 831,142	17,105	16,640
43	49	95 688	15 980,353	269 120,950	16,841	16,376
44	50	95 374	15 278,519	253 140,596	16,568	16,103
45	51	95 026	14 602,192	237 862,078	16,289	15,824
46	52	94 636	13 949,509	223 259,886	16,005	15,540
47	53	94 210	13 320,516	209 310,377	15,713	15,248
48	54	93 745	12 714,487	195 989,861	15,415	14,949
49	55	93 226	12 128,626	183 275,374	15,111	14,646
50	56	92 648	11 561,960	171 146,747	14,803	14,337
51	57	92 009	11 014,203	159 584,787	14,489	14,024
52	58	91 309	10 484,765	148 570,585	14,170	13,705
53	59	90 536	9 972,121	138 085,820	13,847	13,382
54	60	89 686	9 475,843	128 113,699	13,520	13,055
55	61	88 739	8 993,514	118 637,856	13,191	12,726
56	62	87 712	8 527,104	109 644,342	12,858	12,393
57	63	86 600	8 075,749	101 117,238	12,521	12,056
58	64	85 385	7 637,824	93 041,489	12,182	11,716
59	65	84 056	7 212,391	85 403,665	11,841	11,376
60	66	82 640	6 801,881	78 191,274	11,496	11,030
61	67	81 111	6 403,834	71 389,393	11,148	10,683
62	68	79 473	6 018,676	64 985,560	10,797	10,332
63	69	77 702	5 644,670	58 966,883	10,446	9,981
64	70	75 807	5 282,530	53 322,214	10,094	9,629
65	71	73 785	4 932,025	48 039,684	9,740	9,275
66	72	71 652	4 594,179	43 107,659	9,383	8,918
67	73	69 418	4 269,508	38 513,480	9,021	8,555
68	74	67 050	3 955,727	34 243,972	8,657	8,192
69	75	64 591	3 655,278	30 288,245	8,286	7,821
70	76	62 012	3 366,274	26 632,967	7,912	7,446
71	77	59 321	3 088,939	23 266,693	7,532	7,067
72	78	56 483	2 821,232	20 177,754	7,152	6,687
73	79	53 494	2 563,023	17 356,522	6,772	6,307
74	80	50 324	2 312,849	14 793,499	6,396	5,931
75	81	46 982	2 071,218	12 480,650	6,026	5,561
76	82	43 465	1 838,048	10 409,432	5,663	5,198
77	83	39 783	1 613,751	8 571,384	5,311	4,846
78	84	35 999	1 400,752	6 957,634	4,967	4,502
79	85	32 123	1 198,977	5 556,881	4,635	4,169
80	86	28 180	1 008,923	4 357,904	4,319	3,854
81	87	24 272	833,575	3 348,981	4,018	3,552
82	88	20 436	673,235	2 515,406	3,736	3,271
83	89	16 787	530,477	1 842,171	3,473	3,007
84	90	13 423	406,861	1 311,695	3,224	2,759
85	91	10 390	302,110	904,834	2,995	2,530
86	92	7 743	215,964	602,723	2,791	2,326
87	93	5 551	148,505	386,759	2,604	2,139
88	94	3 811	97,796	238,254	2,436	1,971
89	95	2 497	61,479	140,458	2,285	1,819
90	96	1 558	36,790	78,979	2,147	1,682
91	97	911	20,632	42,190	2,045	1,580
92	98	511	11,111	21,557	1,940	1,475
93	99	272	5,671	10,446	1,842	1,377
94	100	136	2,729	4,775	1,750	1,285

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 625	99 624,861	2 283 381,791	22,920	22,455
1	8	99 265	95 218,570	2 183 756,930	22,934	22,469
2	9	99 231	91 305,148	2 088 538,360	22,874	22,409
3	10	99 209	87 563,846	1 997 233,212	22,809	22,344
4	11	99 193	83 980,034	1 909 669,365	22,740	22,274
5	12	99 175	80 541,577	1 825 689,331	22,668	22,202
6	13	99 157	77 244,281	1 745 147,754	22,593	22,127
7	14	99 138	74 081,517	1 667 903,473	22,514	22,049
8	15	99 121	71 048,735	1 593 821,956	22,433	21,968
9	16	99 100	68 138,144	1 522 773,221	22,348	21,883
10	17	99 078	65 345,477	1 454 635,077	22,261	21,795
11	18	99 056	62 668,012	1 389 289,600	22,169	21,704
12	19	99 029	60 096,706	1 326 621,588	22,075	21,610
13	20	99 005	57 632,677	1 266 524,882	21,976	21,511
14	21	98 977	55 267,623	1 208 892,205	21,873	21,408
15	22	98 948	52 998,573	1 153 624,583	21,767	21,302
16	23	98 916	50 821,557	1 100 626,010	21,657	21,191
17	24	98 873	48 728,860	1 049 804,453	21,544	21,079
18	25	98 828	46 721,061	1 001 075,593	21,427	20,961
19	26	98 772	44 790,671	954 354,532	21,307	20,842
20	27	98 714	42 939,504	909 563,862	21,182	20,717
21	28	98 650	41 162,326	866 624,358	21,054	20,589
22	29	98 587	39 458,944	825 462,032	20,920	20,454
23	30	98 517	37 823,345	786 003,088	20,781	20,316
24	31	98 445	36 255,026	748 179,743	20,637	20,171
25	32	98 367	34 749,574	711 924,717	20,487	20,022
26	33	98 291	33 306,912	677 175,143	20,331	19,866
27	34	98 210	31 922,909	643 868,230	20,169	19,704
28	35	98 125	30 594,927	611 945,321	20,002	19,536
29	36	98 037	29 321,333	581 350,394	19,827	19,362
30	37	97 941	28 098,418	552 029,061	19,646	19,181
31	38	97 839	26 925,002	523 930,642	19,459	18,994
32	39	97 720	25 795,863	497 005,641	19,267	18,802
33	40	97 599	24 713,679	471 209,778	19,067	18,602
34	41	97 461	23 672,579	446 496,099	18,861	18,396
35	42	97 314	22 673,239	422 823,520	18,649	18,183
36	43	97 159	21 714,212	400 150,281	18,428	17,963
37	44	96 987	20 792,181	378 436,069	18,201	17,736
38	45	96 798	19 905,657	357 643,888	17,967	17,502
39	46	96 583	19 051,792	337 738,231	17,727	17,262
40	47	96 358	18 232,516	318 686,440	17,479	17,014
41	48	96 107	17 443,641	300 453,923	17,224	16,759
42	49	95 826	16 683,555	283 010,282	16,963	16,498
43	50	95 521	15 952,418	266 326,727	16,695	16,230
44	51	95 197	15 250,204	250 374,308	16,418	15,953
45	52	94 822	14 570,903	235 124,104	16,137	15,671
46	53	94 416	13 916,966	220 553,200	15,848	15,383
47	54	93 968	13 286,314	206 636,235	15,553	15,087
48	55	93 475	12 677,759	193 349,921	15,251	14,786
49	56	92 924	12 089,263	180 672,162	14,945	14,480
50	57	92 316	11 520,603	168 582,899	14,633	14,168
51	58	91 648	10 970,981	157 062,296	14,316	13,851
52	59	90 912	10 439,162	146 091,314	13,995	13,529
53	60	90 109	9 925,189	135 652,152	13,667	13,202
54	61	89 213	9 425,849	125 726,963	13,339	12,873
55	62	88 234	8 942,378	116 301,115	13,006	12,540
56	63	87 174	8 474,795	107 358,737	12,668	12,203
57	64	86 016	8 021,246	98 883,942	12,328	11,863
58	65	84 747	7 580,749	90 862,696	11,986	11,521
59	66	83 386	7 154,905	83 281,946	11,640	11,175
60	67	81 916	6 742,282	76 127,041	11,291	10,826
61	68	80 342	6 343,111	69 384,759	10,939	10,473
62	69	78 641	5 955,687	63 041,648	10,585	10,120
63	70	76 804	5 579,448	57 085,961	10,231	9,766
64	71	74 852	5 215,976	51 506,513	9,875	9,410
65	72	72 774	4 864,447	46 290,537	9,516	9,051
66	73	70 591	4 526,123	41 426,090	9,153	8,687
67	74	68 279	4 199,419	36 899,967	8,787	8,322
68	75	65 854	3 885,144	32 700,548	8,417	7,952
69	76	63 348	3 584,982	28 815,404	8,038	7,573
70	77	60 674	3 293,677	25 230,422	7,660	7,195
71	78	57 910	3 015,433	21 936,745	7,275	6,810
72	79	54 932	2 743,795	18 921,312	6,896	6,431
73	80	51 814	2 482,507	16 177,517	6,517	6,051
74	81	48 489	2 228,519	13 695,009	6,145	5,680
75	82	44 977	1 982,831	11 466,491	5,783	5,318
76	83	41 319	1 747,287	9 483,660	5,428	4,962
77	84	37 526	1 522,233	7 736,373	5,082	4,617
78	85	33 653	1 309,475	6 214,140	4,746	4,280
79	86	29 678	1 107,706	4 904,665	4,428	3,963
80	87	25 723	920,965	3 796,960	4,123	3,658
81	88	21 846	750,263	2 875,995	3,833	3,368
82	89	18 102	596,350	2 125,732	3,565	3,099
83	90	14 613	461,770	1 529,382	3,312	2,847
84	91	11 443	346,859	1 067,611	3,078	2,613
85	92	8 649	251,466	720,753	2,866	2,401
86	93	6 291	175,470	469,286	2,674	2,209
87	94	4 391	117,471	293,816	2,501	2,036
88	95	2 934	75,287	176,345	2,342	1,877
89	96	1 866	45,938	101,058	2,200	1,735
90	97	1 113	26,281	55,120	2,097	1,632
91	98	639	14,463	28,839	1,994	1,529
92	99	351	7,632	14,376	1,884	1,418
93	100	180	3,760	6,744	1,794	1,328

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 620	99 620,233	2 279 858,657	22,885	22,420
1	9	99 258	95 211,935	2 180 238,424	22,899	22,434
2	10	99 225	91 299,563	2 085 026,490	22,837	22,372
3	11	99 204	87 558,725	1 993 726,927	22,770	22,305
4	12	99 185	83 973,540	1 906 168,202	22,700	22,234
5	13	99 167	80 535,253	1 822 194,662	22,626	22,161
6	14	99 148	77 237,003	1 741 659,409	22,550	22,084
7	15	99 129	74 074,686	1 664 422,406	22,470	22,004
8	16	99 109	71 040,090	1 590 347,720	22,387	21,921
9	17	99 086	68 128,111	1 519 307,629	22,301	21,836
10	18	99 064	65 336,579	1 451 179,518	22,211	21,746
11	19	99 037	62 655,665	1 385 842,939	22,118	21,653
12	20	99 012	60 086,202	1 323 187,274	22,021	21,556
13	21	98 987	57 622,022	1 263 101,072	21,920	21,455
14	22	98 961	55 258,509	1 205 479,050	21,815	21,350
15	23	98 931	52 989,944	1 150 220,541	21,706	21,241
16	24	98 898	50 812,411	1 097 230,597	21,594	21,129
17	25	98 856	48 720,092	1 046 418,186	21,478	21,013
18	26	98 810	46 712,173	997 698,094	21,358	20,893
19	27	98 753	44 782,241	950 985,921	21,236	20,771
20	28	98 693	42 930,264	906 203,680	21,109	20,644
21	29	98 627	41 152,627	863 273,416	20,977	20,512
22	30	98 561	39 448,733	822 120,789	20,840	20,375
23	31	98 485	37 811,350	782 672,056	20,699	20,234
24	32	98 414	36 243,642	744 860,706	20,551	20,086
25	33	98 334	34 737,668	708 617,064	20,399	19,934
26	34	98 255	33 294,911	673 879,396	20,240	19,774
27	35	98 170	31 909,949	640 584,486	20,075	19,610
28	36	98 084	30 582,318	608 674,537	19,903	19,438
29	37	97 992	29 307,890	578 092,219	19,725	19,260
30	38	97 894	28 085,081	548 784,329	19,540	19,075
31	39	97 780	26 908,759	520 699,248	19,351	18,885
32	40	97 661	25 780,356	493 790,489	19,154	18,689
33	41	97 533	24 696,733	468 010,133	18,950	18,485
34	42	97 389	23 655,055	443 313,400	18,741	18,276
35	43	97 237	22 655,241	419 658,345	18,524	18,058
36	44	97 071	21 694,494	397 003,104	18,300	17,834
37	45	96 893	20 772,000	375 308,610	18,068	17,603
38	46	96 687	19 882,721	354 536,609	17,831	17,366
39	47	96 466	19 028,596	334 653,888	17,587	17,122
40	48	96 226	18 207,532	315 625,292	17,335	16,870
41	49	95 954	17 415,835	297 417,760	17,077	16,612
42	50	95 658	16 654,391	280 001,925	16,812	16,347
43	51	95 344	15 922,855	263 347,534	16,539	16,074
44	52	94 993	15 217,528	247 424,678	16,259	15,794
45	53	94 601	14 536,910	232 207,150	15,974	15,508
46	54	94 173	13 881,231	217 670,240	15,681	15,216
47	55	93 696	13 247,934	203 789,009	15,383	14,917
48	56	93 171	12 636,614	190 541,075	15,078	14,613
49	57	92 591	12 046,021	177 904,462	14,769	14,304
50	58	91 954	11 475,395	165 858,441	14,453	13,988
51	59	91 250	10 923,264	154 383,046	14,133	13,668
52	60	90 484	10 390,032	143 459,782	13,807	13,342
53	61	89 634	9 872,824	133 069,750	13,478	13,013
54	62	88 706	9 372,255	123 196,927	13,145	12,680
55	63	87 693	8 887,522	113 824,672	12,807	12,342
56	64	86 586	8 417,599	104 937,150	12,466	12,001
57	65	85 373	7 961,306	96 519,551	12,124	11,658
58	66	84 071	7 520,328	88 558,245	11,776	11,311
59	67	82 655	7 092,213	81 037,917	11,426	10,961
60	68	81 140	6 678,350	73 945,704	11,072	10,607
61	69	79 501	6 276,726	67 267,354	10,717	10,252
62	70	77 732	5 886,871	60 990,628	10,360	9,895
63	71	75 836	5 509,154	55 103,757	10,002	9,537
64	72	73 826	5 144,508	49 594,603	9,640	9,175
65	73	71 696	4 792,387	44 450,095	9,275	8,810
66	74	69 432	4 451,821	39 657,708	8,908	8,443
67	75	67 060	4 124,488	35 205,887	8,536	8,071
68	76	64 587	3 810,428	31 081,399	8,157	7,692
69	77	61 982	3 507,668	27 270,971	7,775	7,309
70	78	59 231	3 215,299	23 763,303	7,391	6,925
71	79	56 320	2 932,666	20 548,004	7,007	6,541
72	80	53 207	2 657,600	17 615,338	6,628	6,163
73	81	49 924	2 391,991	14 957,738	6,253	5,788
74	82	46 420	2 133,419	12 565,747	5,890	5,425
75	83	42 756	1 884,921	10 432,327	5,535	5,069
76	84	38 975	1 648,196	8 547,407	5,186	4,721
77	85	35 081	1 423,039	6 899,211	4,848	4,383
78	86	31 092	1 209,792	5 476,172	4,527	4,061
79	87	27 091	1 011,136	4 266,380	4,219	3,754
80	88	23 152	828,919	3 255,244	3,927	3,462
81	89	19 351	664,581	2 426,325	3,651	3,186
82	90	15 758	519,112	1 761,744	3,394	2,929
83	91	12 458	393,670	1 242,632	3,157	2,691
84	92	9 525	288,713	848,962	2,941	2,475
85	93	7 027	204,316	560,249	2,742	2,277
86	94	4 977	138,802	355,933	2,564	2,099
87	95	3 380	90,433	217,131	2,401	1,936
88	96	2 192	56,256	126,698	2,252	1,787
89	97	1 333	32,816	70,442	2,147	1,681
90	98	780	18,422	37,626	2,042	1,577
91	99	439	9,934	19,203	1,933	1,468
92	100	233	5,060	9,269	1,832	1,367

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 613	99 613,291	2 276 094,819	22,849	22,384
1	10	99 252	95 206,110	2 176 481,528	22,861	22,396
2	11	99 219	91 294,222	2 081 275,418	22,797	22,332
3	12	99 196	87 551,954	1 989 981,196	22,729	22,264
4	13	99 177	83 966,946	1 902 429,242	22,657	22,192
5	14	99 157	80 527,665	1 818 462,295	22,582	22,117
6	15	99 138	77 229,881	1 737 934,630	22,503	22,038
7	16	99 117	74 065,674	1 660 704,749	22,422	21,957
8	17	99 094	71 029,630	1 586 639,075	22,338	21,872
9	18	99 072	68 118,834	1 515 609,445	22,249	21,784
10	19	99 045	65 323,707	1 447 490,610	22,159	21,694
11	20	99 020	62 644,714	1 382 166,903	22,064	21,598
12	21	98 994	60 075,093	1 319 522,190	21,965	21,499
13	22	98 970	57 612,520	1 259 447,096	21,861	21,395
14	23	98 945	55 249,512	1 201 834,577	21,753	21,288
15	24	98 914	52 980,408	1 146 585,064	21,642	21,176
16	25	98 880	50 803,268	1 093 604,656	21,526	21,061
17	26	98 837	48 710,824	1 042 801,388	21,408	20,943
18	27	98 791	46 703,382	994 090,564	21,285	20,820
19	28	98 732	44 772,605	947 387,182	21,160	20,695
20	29	98 669	42 920,148	902 614,578	21,030	20,565
21	30	98 601	41 141,978	859 694,430	20,896	20,431
22	31	98 530	39 436,223	818 552,452	20,756	20,291
23	32	98 454	37 799,477	779 116,229	20,612	20,147
24	33	98 380	36 231,224	741 316,752	20,461	19,995
25	34	98 298	34 725,151	705 085,528	20,305	19,840
26	35	98 215	33 281,393	670 360,377	20,142	19,677
27	36	98 130	31 896,798	637 078,984	19,973	19,508
28	37	98 039	30 568,296	605 182,187	19,798	19,332
29	38	97 945	29 293,978	574 613,891	19,615	19,150
30	39	97 835	28 068,139	545 319,912	19,428	18,963
31	40	97 722	26 892,583	517 251,774	19,234	18,769
32	41	97 594	25 762,678	490 359,190	19,034	18,568
33	42	97 460	24 678,451	464 596,512	18,826	18,361
34	43	97 312	23 636,278	439 918,061	18,612	18,147
35	44	97 149	22 634,669	416 281,783	18,391	17,926
36	45	96 976	21 673,438	393 647,114	18,163	17,697
37	46	96 781	20 748,066	371 973,676	17,928	17,463
38	47	96 569	19 858,513	351 225,609	17,686	17,221
39	48	96 334	19 002,521	331 367,096	17,438	16,973
40	49	96 073	18 178,509	312 364,575	17,183	16,718
41	50	95 786	17 385,391	294 186,066	16,921	16,456
42	51	95 481	16 623,527	276 800,675	16,651	16,186
43	52	95 139	15 888,737	260 177,148	16,375	15,910
44	53	94 771	15 182,026	244 288,411	16,091	15,625
45	54	94 358	14 499,584	229 106,385	15,801	15,336
46	55	93 901	13 841,133	214 606,801	15,505	15,040
47	56	93 392	13 204,938	200 765,668	15,204	14,739
48	57	92 838	12 591,413	187 560,730	14,896	14,431
49	58	92 228	11 998,750	174 969,317	14,582	14,117
50	59	91 554	11 425,484	162 970,566	14,264	13,799
51	60	90 820	10 871,855	151 545,083	13,939	13,474
52	61	90 007	10 335,214	140 673,227	13,611	13,146
53	62	89 124	9 816,688	130 338,013	13,277	12,812
54	63	88 162	9 314,761	120 521,325	12,939	12,474
55	64	87 101	8 827,541	111 206,564	12,598	12,132
56	65	85 939	8 354,697	102 379,023	12,254	11,789
57	66	84 692	7 897,851	94 024,326	11,905	11,440
58	67	83 335	7 454,434	86 126,475	11,554	11,089
59	68	81 871	7 024,963	78 672,041	11,199	10,734
60	69	80 290	6 608,457	71 647,078	10,842	10,377
61	70	78 582	6 204,201	65 038,622	10,483	10,018
62	71	76 753	5 812,704	58 834,420	10,122	9,656
63	72	74 797	5 433,668	53 021,717	9,758	9,293
64	73	72 733	5 068,299	47 588,048	9,389	8,924
65	74	70 519	4 713,715	42 519,749	9,020	8,555
66	75	68 193	4 372,387	37 806,035	8,647	8,181
67	76	65 771	4 045,169	33 433,648	8,265	7,800
68	77	63 194	3 728,252	29 388,479	7,883	7,417
69	78	60 507	3 424,198	25 660,227	7,494	7,029
70	79	57 605	3 127,046	22 236,029	7,111	6,646
71	80	54 551	2 840,537	19 108,983	6,727	6,262
72	81	51 267	2 560,700	16 268,446	6,353	5,888
73	82	47 794	2 289,916	13 707,746	5,986	5,521
74	83	44 128	2 028,073	11 417,830	5,630	5,165
75	84	40 331	1 778,024	9 389,757	5,281	4,816
76	85	36 436	1 540,794	7 611,733	4,940	4,475
77	86	32 411	1 314,711	6 070,938	4,618	4,152
78	87	28 381	1 104,322	4 756,228	4,307	3,842
79	88	24 383	910,077	3 651,906	4,013	3,548
80	89	20 508	734,255	2 741,828	3,734	3,269
81	90	16 845	578,506	2 007,574	3,470	3,005
82	91	13 434	442,555	1 429,068	3,229	2,764
83	92	10 370	327,678	986,512	3,011	2,545
84	93	7 739	234,579	658,835	2,809	2,343
85	94	5 559	161,619	424,256	2,625	2,160
86	95	3 831	106,854	262,637	2,458	1,993
87	96	2 526	67,574	155,782	2,305	1,840
88	97	1 566	40,186	88,208	2,195	1,730
89	98	934	23,003	48,022	2,088	1,622
90	99	536	12,654	25,019	1,977	1,512
91	100	291	6,587	12,365	1,877	1,412

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	10	99 607	99 607,197	2 272 082,775	22,810	22,345
1	11	99 247	95 200,541	2 172 475,578	22,820	22,355
2	12	99 211	91 287,163	2 077 275,036	22,755	22,290
3	13	99 188	87 545,079	1 985 987,874	22,685	22,220
4	14	99 168	83 959,036	1 898 442,795	22,612	22,146
5	15	99 148	80 520,240	1 814 483,759	22,535	22,069
6	16	99 126	77 220,485	1 733 963,519	22,455	21,989
7	17	99 103	74 054,768	1 656 743,034	22,372	21,907
8	18	99 081	71 019,958	1 582 688,266	22,285	21,820
9	19	99 053	68 105,414	1 511 668,308	22,196	21,731
10	20	99 027	65 312,289	1 443 562,894	22,102	21,637
11	21	99 001	62 633,132	1 378 250,605	22,005	21,540
12	22	98 977	60 065,187	1 315 617,473	21,903	21,438
13	23	98 954	57 603,140	1 255 552,286	21,797	21,331
14	24	98 927	55 239,570	1 197 949,146	21,686	21,221
15	25	98 896	52 970,875	1 142 709,576	21,572	21,107
16	26	98 861	50 793,604	1 089 738,701	21,454	20,989
17	27	98 818	48 701,657	1 038 945,098	21,333	20,868
18	28	98 770	46 693,332	990 243,441	21,207	20,742
19	29	98 709	44 762,054	943 550,109	21,079	20,614
20	30	98 644	42 909,041	898 788,054	20,946	20,481
21	31	98 570	41 128,930	855 879,013	20,810	20,344
22	32	98 499	39 423,840	814 750,083	20,666	20,201
23	33	98 421	37 786,526	775 326,243	20,519	20,053
24	34	98 345	36 218,169	737 539,717	20,364	19,899
25	35	98 258	34 711,053	701 321,548	20,205	19,739
26	36	98 175	33 267,677	666 610,495	20,038	19,573
27	37	98 085	31 882,173	633 342,819	19,865	19,400
28	38	97 993	30 553,786	601 460,646	19,685	19,220
29	39	97 886	29 276,307	570 906,859	19,501	19,035
30	40	97 776	28 051,266	541 630,553	19,309	18,843
31	41	97 655	26 874,143	513 579,287	19,111	18,645
32	42	97 522	25 743,607	486 705,144	18,906	18,441
33	43	97 383	24 658,863	460 961,537	18,694	18,228
34	44	97 223	23 614,815	436 302,674	18,476	18,011
35	45	97 054	22 612,700	412 687,859	18,250	17,785
36	46	96 865	21 648,465	390 075,159	18,019	17,553
37	47	96 664	20 722,805	368 426,694	17,779	17,314
38	48	96 437	19 831,301	347 703,889	17,533	17,068
39	49	96 180	18 972,230	327 872,587	17,282	16,816
40	50	95 905	18 146,731	308 900,358	17,022	16,557
41	51	95 609	17 353,173	290 753,626	16,755	16,290
42	52	95 277	16 587,908	273 400,454	16,482	16,017
43	53	94 917	15 851,670	256 812,546	16,201	15,736
44	54	94 528	15 143,043	240 960,876	15,912	15,447
45	55	94 085	14 457,699	225 817,833	15,619	15,154
46	56	93 596	13 796,212	211 360,133	15,320	14,855
47	57	93 058	13 157,704	197 563,921	15,015	14,550
48	58	92 474	12 542,003	184 406,217	14,703	14,238
49	59	91 827	11 946,563	171 864,214	14,386	13,921
50	60	91 123	11 371,711	159 917,651	14,063	13,598
51	61	90 341	10 814,496	148 545,940	13,736	13,271
52	62	89 495	10 276,449	137 731,444	13,403	12,937
53	63	88 578	9 756,468	127 454,995	13,064	12,598
54	64	87 567	9 251,897	117 698,526	12,722	12,256
55	65	86 450	8 761,575	108 446,630	12,378	11,912
56	66	85 254	8 288,107	99 685,054	12,027	11,562
57	67	83 950	7 828,649	91 396,948	11,675	11,209
58	68	82 545	7 383,749	83 568,299	11,318	10,853
59	69	81 014	6 951,442	76 184,550	10,960	10,494
60	70	79 363	6 532,099	69 233,108	10,599	10,134
61	71	77 592	6 126,036	62 701,009	10,235	9,770
62	72	75 701	5 733,059	56 574,973	9,868	9,403
63	73	73 689	5 353,176	50 841,914	9,498	9,032
64	74	71 539	4 985,097	45 488,738	9,125	8,660
65	75	69 261	4 629,607	40 503,640	8,749	8,284
66	76	66 881	4 288,300	35 874,033	8,366	7,900
67	77	64 352	3 957,931	31 585,734	7,980	7,515
68	78	61 690	3 639,533	27 627,803	7,591	7,126
69	79	58 846	3 330,210	23 988,270	7,203	6,738
70	80	55 795	3 028,811	20 658,059	6,821	6,355
71	81	52 562	2 736,967	17 629,248	6,441	5,976
72	82	49 079	2 451,425	14 892,281	6,075	5,610
73	83	45 434	2 176,842	12 440,856	5,715	5,250
74	84	41 625	1 913,058	10 264,014	5,365	4,900
75	85	37 703	1 662,163	8 350,956	5,024	4,559
76	86	33 662	1 423,502	6 688,793	4,699	4,234
77	87	29 585	1 200,094	5 265,291	4,387	3,922
78	88	25 545	993,950	4 065,197	4,090	3,625
79	89	21 598	806,145	3 071,247	3,810	3,345
80	90	17 852	639,156	2 265,102	3,544	3,079
81	91	14 361	493,190	1 625,947	3,297	2,832
82	92	11 182	368,368	1 132,757	3,075	2,610
83	93	8 425	266,237	764,389	2,871	2,406
84	94	6 122	185,558	498,151	2,685	2,219
85	95	4 279	124,420	312,593	2,512	2,047
86	96	2 863	79,844	188,173	2,357	1,892
87	97	1 804	48,271	108,329	2,244	1,779
88	98	1 098	28,170	60,058	2,132	1,667
89	99	642	15,801	31,888	2,018	1,553
90	100	355	8,390	16,088	1,917	1,452

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 601	99 601,371	2 267 811,763	22,769	22,304
1	12	99 239	95 193,180	2 168 210,392	22,777	22,312
2	13	99 204	91 279,994	2 073 017,212	22,711	22,245
3	14	99 179	87 536,831	1 981 737,218	22,639	22,174
4	15	99 159	83 951,294	1 894 200,387	22,563	22,098
5	16	99 136	80 510,443	1 810 249,093	22,485	22,019
6	17	99 112	77 209,115	1 729 738,649	22,403	21,938
7	18	99 089	74 044,685	1 652 529,535	22,318	21,853
8	19	99 061	71 005,966	1 578 484,850	22,230	21,765
9	20	99 035	68 093,510	1 507 478,884	22,138	21,673
10	21	99 009	65 300,214	1 439 385,374	22,043	21,577
11	22	98 985	62 622,804	1 374 085,160	21,942	21,477
12	23	98 961	60 055,408	1 311 462,356	21,838	21,372
13	24	98 937	57 592,774	1 251 406,948	21,729	21,263
14	25	98 909	55 229,630	1 193 814,175	21,615	21,150
15	26	98 877	52 960,799	1 138 584,545	21,499	21,033
16	27	98 843	50 784,045	1 085 623,746	21,377	20,912
17	28	98 797	48 691,177	1 034 839,702	21,253	20,788
18	29	98 746	46 682,329	986 148,525	21,125	20,659
19	30	98 683	44 750,471	939 466,196	20,993	20,528
20	31	98 613	42 895,434	894 715,724	20,858	20,393
21	32	98 539	41 116,016	851 820,291	20,717	20,252
22	33	98 465	39 410,332	810 704,275	20,571	20,106
23	34	98 385	37 772,910	771 293,942	20,419	19,954
24	35	98 305	36 203,464	733 521,032	20,261	19,796
25	36	98 218	34 696,747	697 317,568	20,097	19,632
26	37	98 130	33 252,424	662 620,821	19,927	19,462
27	38	98 038	31 867,040	629 368,397	19,750	19,285
28	39	97 934	30 535,355	597 501,358	19,568	19,102
29	40	97 828	29 258,707	566 966,003	19,378	18,912
30	41	97 709	28 032,031	537 707,296	19,182	18,717
31	42	97 582	26 854,249	509 675,264	18,979	18,514
32	43	97 445	25 723,173	482 821,015	18,770	18,305
33	44	97 295	24 636,471	457 097,843	18,554	18,088
34	45	97 129	23 591,895	432 461,372	18,331	17,866
35	46	96 942	22 586,645	408 869,477	18,102	17,637
36	47	96 747	21 622,108	386 282,832	17,865	17,400
37	48	96 531	20 694,409	364 660,724	17,621	17,156
38	49	96 283	19 799,689	343 966,315	17,372	16,907
39	50	96 012	18 939,065	324 166,626	17,116	16,651
40	51	95 727	18 113,102	305 227,561	16,851	16,386
41	52	95 404	17 315,990	287 114,459	16,581	16,116
42	53	95 054	16 549,209	269 798,469	16,303	15,838
43	54	94 674	15 810,968	253 249,260	16,017	15,552
44	55	94 255	15 099,300	237 438,292	15,725	15,260
45	56	93 780	14 410,777	222 338,993	15,429	14,963
46	57	93 262	13 746,863	207 928,215	15,126	14,660
47	58	92 693	13 106,072	194 181,352	14,816	14,351
48	59	92 071	12 487,452	181 075,280	14,501	14,035
49	60	91 395	11 890,338	168 587,827	14,179	13,713
50	61	90 642	11 311,714	156 697,489	13,853	13,387
51	62	89 827	10 753,006	145 385,775	13,520	13,055
52	63	88 946	10 213,409	134 632,769	13,182	12,717
53	64	87 980	9 690,623	124 419,360	12,839	12,374
54	65	86 912	9 182,760	114 728,737	12,494	12,029
55	66	85 761	8 691,742	105 545,976	12,143	11,678
56	67	84 507	8 215,485	96 854,235	11,789	11,324
57	68	83 154	7 754,416	88 638,749	11,431	10,966
58	69	81 681	7 306,473	80 884,333	11,070	10,605
59	70	80 078	6 871,121	73 577,860	10,708	10,243
60	71	78 363	6 449,802	66 706,739	10,342	9,877
61	72	76 529	6 042,098	60 256,937	9,973	9,508
62	73	74 580	5 648,132	54 214,839	9,599	9,134
63	74	72 479	5 265,298	48 566,707	9,224	8,759
64	75	70 262	4 896,147	43 301,409	8,844	8,379
65	76	67 929	4 540,573	38 405,262	8,458	7,993
66	77	65 439	4 195,819	33 864,688	8,071	7,606
67	78	62 821	3 863,746	29 668,870	7,679	7,214
68	79	59 997	3 539,635	25 805,124	7,290	6,825
69	80	56 998	3 225,594	22 265,489	6,903	6,438
70	81	53 761	2 918,376	19 039,895	6,524	6,059
71	82	50 319	2 620,170	16 121,519	6,153	5,688
72	83	46 655	2 330,376	13 501,349	5,794	5,328
73	84	42 857	2 053,390	11 170,973	5,440	4,975
74	85	38 913	1 788,397	9 117,582	5,098	4,633
75	86	34 833	1 535,631	7 329,185	4,773	4,308
76	87	30 727	1 299,401	5 793,554	4,459	3,993
77	88	26 628	1 080,150	4 494,153	4,161	3,695
78	89	22 627	880,439	3 414,003	3,878	3,412
79	90	18 801	701,734	2 533,564	3,610	3,145
80	91	15 219	544,895	1 831,830	3,362	2,897
81	92	11 953	410,515	1 286,934	3,135	2,670
82	93	9 085	299,298	876,420	2,928	2,463
83	94	6 665	210,601	577,121	2,740	2,275
84	95	4 713	142,849	366,521	2,566	2,101
85	96	3 197	92,969	223,672	2,406	1,941
86	97	2 045	57,036	130,702	2,292	1,826
87	98	1 265	33,837	73,666	2,177	1,712
88	99	754	19,349	39,829	2,058	1,593
89	100	426	10,476	20,479	1,955	1,490

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 594	99 593,669	2 263 271,460	22,725	22,260
1	13	99 231	95 185,705	2 163 677,791	22,731	22,266
2	14	99 194	91 271,395	2 068 492,086	22,663	22,198
3	15	99 170	87 528,759	1 977 220,691	22,589	22,124
4	16	99 147	83 941,080	1 889 691,932	22,512	22,047
5	17	99 122	80 498,589	1 805 750,852	22,432	21,967
6	18	99 098	77 198,602	1 725 252,263	22,348	21,883
7	19	99 070	74 030,096	1 648 053,662	22,262	21,797
8	20	99 044	70 993,555	1 574 023,565	22,171	21,706
9	21	99 017	68 080,921	1 503 030,010	22,077	21,612
10	22	98 993	65 289,446	1 434 949,090	21,978	21,513
11	23	98 969	62 612,608	1 369 659,643	21,875	21,410
12	24	98 943	60 044,600	1 307 047,035	21,768	21,303
13	25	98 919	57 582,410	1 247 002,435	21,656	21,191
14	26	98 890	55 219,124	1 189 420,024	21,540	21,075
15	27	98 858	52 950,832	1 134 200,901	21,420	20,955
16	28	98 821	50 773,117	1 081 250,069	21,296	20,831
17	29	98 774	48 679,703	1 030 476,952	21,169	20,703
18	30	98 721	46 670,249	981 797,249	21,037	20,572
19	31	98 652	44 736,280	935 127,000	20,903	20,438
20	32	98 582	42 881,964	890 390,720	20,764	20,299
21	33	98 505	41 101,928	847 508,756	20,620	20,154
22	34	98 430	39 396,131	806 406,827	20,469	20,004
23	35	98 345	37 757,575	767 010,696	20,314	19,849
24	36	98 264	36 188,544	729 253,121	20,151	19,686
25	37	98 173	34 680,839	693 064,578	19,984	19,519
26	38	98 083	33 236,640	658 383,739	19,809	19,344
27	39	97 979	31 847,816	625 147,099	19,629	19,164
28	40	97 875	30 516,999	593 299,283	19,442	18,976
29	41	97 760	29 238,645	562 782,285	19,248	18,783
30	42	97 637	28 011,280	533 543,640	19,047	18,582
31	43	97 505	26 832,933	505 532,360	18,840	18,375
32	44	97 356	25 699,814	478 699,426	18,627	18,161
33	45	97 200	24 612,559	452 999,612	18,405	17,940
34	46	97 017	23 564,712	428 387,053	18,179	17,714
35	47	96 824	22 559,146	404 822,341	17,945	17,480
36	48	96 614	21 592,479	382 263,196	17,704	17,238
37	49	96 377	20 661,421	360 670,717	17,456	16,991
38	50	96 115	19 765,078	340 009,296	17,203	16,737
39	51	95 834	18 903,967	320 244,218	16,941	16,475
40	52	95 522	18 074,291	301 340,251	16,672	16,207
41	53	95 181	17 275,592	283 265,960	16,397	15,932
42	54	94 810	16 506,716	265 990,367	16,114	15,649
43	55	94 400	15 765,295	249 483,651	15,825	15,360
44	56	93 949	15 050,296	233 718,357	15,529	15,064
45	57	93 445	14 359,231	218 668,061	15,228	14,763
46	58	92 896	13 692,919	204 308,830	14,921	14,456
47	59	92 290	13 049,068	190 615,911	14,608	14,142
48	60	91 638	12 428,682	177 566,843	14,287	13,822
49	61	90 913	11 827,605	165 138,161	13,962	13,497
50	62	90 127	11 247,397	153 310,556	13,631	13,166
51	63	89 276	10 687,042	142 063,159	13,293	12,828
52	64	88 346	10 144,480	131 376,116	12,951	12,485
53	65	87 322	9 618,208	121 231,636	12,604	12,139
54	66	86 219	9 109,570	111 613,428	12,252	11,787
55	67	85 010	8 615,584	102 503,859	11,897	11,432
56	68	83 706	8 137,584	93 888,275	11,538	11,072
57	69	82 284	7 673,261	85 750,691	11,175	10,710
58	70	80 737	7 222,050	78 077,430	10,811	10,346
59	71	79 070	6 784,553	70 855,380	10,444	9,978
60	72	77 289	6 361,428	64 070,827	10,072	9,607
61	73	75 396	5 952,593	57 709,399	9,695	9,230
62	74	73 355	5 555,411	51 756,805	9,316	8,851
63	75	71 186	5 171,348	46 201,394	8,934	8,469
64	76	68 911	4 801,988	41 030,046	8,544	8,079
65	77	66 464	4 442,652	36 228,058	8,155	7,689
66	78	63 882	4 095,973	31 785,407	7,760	7,295
67	79	61 097	3 757,694	27 689,434	7,369	6,904
68	80	58 112	3 428,439	23 931,740	6,980	6,515
69	81	54 920	3 107,984	20 503,301	6,597	6,132
70	82	51 467	2 793,838	17 395,317	6,226	5,761
71	83	47 834	2 490,789	14 601,480	5,862	5,397
72	84	44 010	2 198,217	12 110,691	5,509	5,044
73	85	40 065	1 919,585	9 912,473	5,164	4,699
74	86	35 951	1 652,256	7 992,888	4,838	4,372
75	87	31 796	1 401,755	6 340,632	4,523	4,058
76	88	27 656	1 169,532	4 938,877	4,223	3,758
77	89	23 587	956,795	3 769,346	3,940	3,474
78	90	19 697	766,406	2 812,551	3,670	3,205
79	91	16 028	598,245	2 046,145	3,420	2,955
80	92	12 668	453,552	1 447,899	3,192	2,727
81	93	9 712	333,542	994,347	2,981	2,516
82	94	7 187	236,753	660,805	2,791	2,326
83	95	5 131	162,128	424,052	2,616	2,150
84	96	3 521	106,740	261,924	2,454	1,989
85	97	2 284	66,412	155,184	2,337	1,871
86	98	1 434	39,981	88,772	2,220	1,755
87	99	869	23,242	48,791	2,099	1,634
88	100	500	12,829	25,548	1,991	1,526

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 586	99 585,848	2 258 453,590	22,678	22,213
1	14	99 222	95 176,737	2 158 867,741	22,683	22,218
2	15	99 185	91 262,979	2 063 691,004	22,613	22,147
3	16	99 158	87 518,110	1 972 428,025	22,537	22,072
4	17	99 132	83 928,720	1 884 909,915	22,458	21,993
5	18	99 108	80 487,628	1 800 981,195	22,376	21,911
6	19	99 079	77 183,392	1 720 493,568	22,291	21,826
7	20	99 052	74 017,157	1 643 310,176	22,202	21,737
8	21	99 026	70 980,430	1 569 293,019	22,109	21,644
9	22	99 001	68 069,694	1 498 312,589	22,011	21,546
10	23	98 977	65 278,817	1 430 242,895	21,910	21,445
11	24	98 951	62 601,340	1 364 964,078	21,804	21,339
12	25	98 926	60 033,796	1 302 362,738	21,694	21,229
13	26	98 900	57 571,457	1 242 328,942	21,579	21,114
14	27	98 872	55 208,732	1 184 757,485	21,460	20,994
15	28	98 837	52 939,437	1 129 548,753	21,337	20,871
16	29	98 798	50 761,153	1 076 609,316	21,209	20,744
17	30	98 748	48 667,106	1 025 848,163	21,079	20,614
18	31	98 690	46 655,449	977 181,057	20,945	20,479
19	32	98 621	44 722,233	930 525,608	20,807	20,342
20	33	98 548	42 867,272	885 803,376	20,664	20,199
21	34	98 470	41 087,118	842 936,104	20,516	20,051
22	35	98 390	39 380,137	801 848,986	20,362	19,897
23	36	98 305	37 742,014	762 468,849	20,202	19,737
24	37	98 219	36 171,951	724 726,836	20,036	19,570
25	38	98 126	34 664,377	688 554,885	19,863	19,398
26	39	98 024	33 216,590	653 890,507	19,686	19,220
27	40	97 920	31 828,671	620 673,918	19,500	19,035
28	41	97 808	30 496,073	588 845,247	19,309	18,844
29	42	97 688	29 217,001	558 349,174	19,110	18,645
30	43	97 560	27 989,046	529 132,173	18,905	18,440
31	44	97 416	26 808,567	501 143,127	18,693	18,228
32	45	97 262	25 674,871	474 334,560	18,475	18,009
33	46	97 088	24 584,200	448 659,689	18,250	17,785
34	47	96 899	23 536,021	424 075,490	18,018	17,553
35	48	96 692	22 528,233	400 539,468	17,779	17,314
36	49	96 460	21 558,060	378 011,236	17,535	17,069
37	50	96 209	20 625,303	356 453,176	17,282	16,817
38	51	95 936	19 728,449	335 827,873	17,023	16,557
39	52	95 629	18 863,462	316 099,424	16,757	16,292
40	53	95 299	18 032,124	297 235,962	16,484	16,018
41	54	94 937	17 231,234	279 203,838	16,203	15,738
42	55	94 536	16 459,033	261 972,603	15,917	15,451
43	56	94 094	15 714,129	245 513,570	15,624	15,159
44	57	93 613	14 996,461	229 799,441	15,324	14,858
45	58	93 078	14 302,883	214 802,980	15,018	14,553
46	59	92 492	13 633,363	200 500,097	14,707	14,241
47	60	91 856	12 987,655	186 866,734	14,388	13,923
48	61	91 155	12 363,109	173 879,079	14,064	13,599
49	62	90 396	11 760,355	161 515,970	13,734	13,269
50	63	89 574	11 178,401	149 755,615	13,397	12,932
51	64	88 674	10 614,917	138 577,215	13,055	12,590
52	65	87 685	10 068,674	127 962,298	12,709	12,244
53	66	86 626	9 541,547	117 893,624	12,356	11,891
54	67	85 464	9 029,751	108 352,078	11,999	11,534
55	68	84 204	8 533,889	99 322,327	11,639	11,173
56	69	82 830	8 052,419	90 788,438	11,275	10,809
57	70	81 333	7 584,600	82 736,019	10,908	10,443
58	71	79 720	7 131,061	75 151,420	10,539	10,073
59	72	77 986	6 691,593	68 020,359	10,165	9,700
60	73	76 144	6 267,193	61 328,766	9,786	9,320
61	74	74 158	5 854,874	55 061,574	9,404	8,939
62	75	72 047	5 456,285	49 206,699	9,018	8,553
63	76	69 817	5 071,896	43 750,414	8,626	8,161
64	77	67 425	4 698,428	38 678,518	8,232	7,767
65	78	64 882	4 336,932	33 980,090	7,835	7,370
66	79	62 128	3 983,547	29 643,158	7,441	6,976
67	80	59 177	3 639,648	25 659,611	7,050	6,585
68	81	55 994	3 303,433	22 019,964	6,666	6,201
69	82	52 576	2 975,354	18 716,530	6,291	5,825
70	83	48 925	2 655,881	15 741,176	5,927	5,462
71	84	45 121	2 349,533	13 085,295	5,569	5,104
72	85	41 142	2 054,975	10 735,763	5,224	4,759
73	86	37 015	1 773,457	8 680,788	4,895	4,430
74	87	32 816	1 508,212	6 907,331	4,580	4,115
75	88	28 618	1 261,656	5 399,119	4,279	3,814
76	89	24 498	1 035,969	4 137,463	3,994	3,529
77	90	20 532	832,873	3 101,494	3,724	3,259
78	91	16 792	653,380	2 268,621	3,472	3,007
79	92	13 341	497,959	1 615,242	3,244	2,779
80	93	10 293	368,510	1 117,283	3,032	2,567
81	94	7 683	263,841	748,772	2,838	2,373
82	95	5 533	182,260	484,932	2,661	2,195
83	96	3 834	121,146	302,672	2,498	2,033
84	97	2 516	76,249	181,526	2,381	1,915
85	98	1 601	46,554	105,277	2,261	1,796
86	99	985	27,463	58,723	2,138	1,673
87	100	576	15,410	31,260	2,029	1,563

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,466	2 253 347,883	22,629	22,164
1	15	99 213	95 167,961	2 153 771,417	22,631	22,166
2	16	99 173	91 251,875	2 058 603,455	22,560	22,094
3	17	99 143	87 505,223	1 967 351,580	22,483	22,017
4	18	99 119	83 917,292	1 879 846,357	22,401	21,936
5	19	99 089	80 471,770	1 795 929,065	22,318	21,852
6	20	99 061	77 169,901	1 715 457,295	22,230	21,764
7	21	99 034	74 003,473	1 638 287,394	22,138	21,673
8	22	99 009	70 968,725	1 564 283,921	22,042	21,577
9	23	98 985	68 058,612	1 493 315,196	21,942	21,476
10	24	98 959	65 267,069	1 425 256,584	21,837	21,372
11	25	98 933	62 590,076	1 359 989,515	21,729	21,263
12	26	98 907	60 022,376	1 297 399,439	21,615	21,150
13	27	98 881	57 560,622	1 237 377,063	21,497	21,032
14	28	98 851	55 196,852	1 179 816,441	21,375	20,909
15	29	98 814	52 926,963	1 124 619,589	21,249	20,783
16	30	98 773	50 748,017	1 071 692,627	21,118	20,653
17	31	98 717	48 651,673	1 020 944,610	20,985	20,520
18	32	98 659	46 640,799	972 292,937	20,846	20,381
19	33	98 587	44 706,909	925 652,138	20,705	20,240
20	34	98 512	42 851,825	880 945,229	20,558	20,093
21	35	98 430	41 070,437	838 093,403	20,406	19,941
22	36	98 349	39 363,907	797 022,967	20,248	19,782
23	37	98 260	37 724,709	757 659,059	20,084	19,619
24	38	98 173	36 154,782	719 934,351	19,913	19,447
25	39	98 067	34 643,466	683 779,569	19,738	19,272
26	40	97 965	33 196,622	649 136,103	19,554	19,089
27	41	97 853	31 806,846	615 939,481	19,365	18,900
28	42	97 735	30 473,498	584 132,635	19,169	18,703
29	43	97 611	29 193,809	553 659,137	18,965	18,500
30	44	97 471	27 963,630	524 465,328	18,755	18,290
31	45	97 322	26 782,547	496 501,698	18,538	18,073
32	46	97 150	25 645,287	469 719,151	18,316	17,851
33	47	96 970	24 554,268	444 073,863	18,085	17,620
34	48	96 766	23 503,770	419 519,595	17,849	17,384
35	49	96 538	22 492,322	396 015,826	17,607	17,141
36	50	96 292	21 520,375	373 523,504	17,357	16,892
37	51	96 030	20 587,080	352 003,129	17,098	16,633
38	52	95 731	19 686,177	331 416,049	16,835	16,370
39	53	95 406	18 819,454	311 729,872	16,564	16,099
40	54	95 055	17 985,824	292 910,418	16,286	15,820
41	55	94 663	17 181,459	274 924,594	16,001	15,536
42	56	94 230	16 405,616	257 743,136	15,711	15,245
43	57	93 757	15 657,920	241 337,520	15,413	14,948
44	58	93 246	14 937,613	225 679,599	15,108	14,643
45	59	92 673	14 240,674	210 741,986	14,799	14,333
46	60	92 056	13 569,199	196 501,312	14,481	14,016
47	61	91 371	12 919,132	182 932,113	14,160	13,695
48	62	90 636	12 292,814	170 012,980	13,830	13,365
49	63	89 841	11 688,212	157 720,167	13,494	13,029
50	64	88 970	11 102,959	146 031,955	13,153	12,687
51	65	88 011	10 535,595	134 928,996	12,807	12,342
52	66	86 987	9 988,422	124 393,401	12,454	11,989
53	67	85 867	9 457,943	114 404,979	12,096	11,631
54	68	84 654	8 944,128	104 947,037	11,734	11,268
55	69	83 322	8 444,576	96 002,908	11,369	10,903
56	70	81 873	7 959,377	87 558,332	11,001	10,535
57	71	80 309	7 489,043	79 598,956	10,629	10,164
58	72	78 627	7 033,352	72 109,913	10,253	9,787
59	73	76 831	6 592,466	65 076,561	9,871	9,406
60	74	74 894	6 164,309	58 484,094	9,488	9,022
61	75	72 835	5 750,405	52 319,785	9,098	8,633
62	76	70 661	5 351,353	46 569,380	8,702	8,237
63	77	68 312	4 962,516	41 218,027	8,306	7,841
64	78	65 820	4 586,622	36 255,511	7,905	7,439
65	79	63 101	4 217,892	31 668,889	7,508	7,043
66	80	60 177	3 858,406	27 450,997	7,115	6,649
67	81	57 020	3 506,941	23 592,592	6,727	6,262
68	82	53 604	3 162,463	20 085,651	6,351	5,886
69	83	49 980	2 828,434	16 923,188	5,983	5,518
70	84	46 151	2 505,262	14 094,754	5,626	5,161
71	85	42 181	2 196,430	11 589,492	5,277	4,811
72	86	38 010	1 898,540	9 393,062	4,948	4,482
73	87	33 788	1 618,847	7 494,522	4,630	4,164
74	88	29 537	1 357,473	5 875,674	4,328	3,863
75	89	25 350	1 117,572	4 518,201	4,043	3,578
76	90	21 325	901,792	3 400,629	3,771	3,306
77	91	17 504	710,044	2 498,837	3,519	3,054
78	92	13 977	543,851	1 788,793	3,289	2,824
79	93	10 840	404,591	1 244,942	3,077	2,612
80	94	8 142	291,501	840,351	2,883	2,418
81	95	5 914	203,114	548,850	2,702	2,237
82	96	4 134	136,189	345,736	2,539	2,073
83	97	2 739	86,540	209,547	2,421	1,956
84	98	1 763	53,449	123,007	2,301	1,836
85	99	1 100	31,977	69,558	2,175	1,710
86	100	653	18,209	37,581	2,064	1,599

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 567	99 567,285	2 247 945,286	22,577	22,112
1	16	99 201	95 156,382	2 148 378,002	22,577	22,112
2	17	99 159	91 238,439	2 053 221,620	22,504	22,039
3	18	99 130	87 493,308	1 961 983,181	22,424	21,959
4	19	99 099	83 900,759	1 874 489,873	22,342	21,877
5	20	99 071	80 457,705	1 790 589,114	22,255	21,790
6	21	99 043	77 155,634	1 710 131,409	22,165	21,699
7	22	99 018	73 991,270	1 632 975,775	22,070	21,605
8	23	98 993	70 957,171	1 558 984,506	21,971	21,506
9	24	98 967	68 046,364	1 488 027,335	21,868	21,403
10	25	98 941	65 255,325	1 419 980,971	21,760	21,295
11	26	98 914	62 578,170	1 354 725,646	21,649	21,183
12	27	98 888	60 011,080	1 292 147,476	21,532	21,067
13	28	98 860	57 548,236	1 232 136,396	21,410	20,945
14	29	98 827	55 183,845	1 174 588,160	21,285	20,820
15	30	98 788	52 913,267	1 119 404,315	21,155	20,690
16	31	98 741	50 731,923	1 066 491,048	21,022	20,557
17	32	98 686	48 636,396	1 015 759,125	20,885	20,420
18	33	98 625	46 624,819	967 122,729	20,743	20,277
19	34	98 552	44 690,800	920 497,910	20,597	20,132
20	35	98 472	42 834,428	875 807,110	20,446	19,981
21	36	98 389	41 053,510	832 972,683	20,290	19,825
22	37	98 304	39 345,859	791 919,172	20,127	19,662
23	38	98 213	37 706,802	752 573,314	19,959	19,493
24	39	98 114	36 132,971	714 866,511	19,784	19,319
25	40	98 008	34 622,640	678 733,540	19,604	19,139
26	41	97 898	33 173,859	644 110,900	19,416	18,951
27	42	97 781	31 783,300	610 937,041	19,222	18,757
28	43	97 658	30 449,310	579 153,741	19,020	18,555
29	44	97 522	29 167,299	548 704,431	18,812	18,347
30	45	97 376	27 936,489	519 537,132	18,597	18,132
31	46	97 210	26 751,688	491 600,643	18,376	17,911
32	47	97 031	25 614,064	464 848,955	18,148	17,683
33	48	96 837	24 520,621	439 234,891	17,913	17,448
34	49	96 612	23 466,304	414 714,270	17,673	17,208
35	50	96 369	22 453,003	391 247,966	17,425	16,960
36	51	96 113	21 480,493	368 794,963	17,169	16,704
37	52	95 825	20 542,968	347 314,470	16,907	16,442
38	53	95 507	19 640,250	326 771,501	16,638	16,173
39	54	95 161	18 771,132	307 131,251	16,362	15,897
40	55	94 780	17 933,868	288 360,120	16,079	15,614
41	56	94 355	17 125,697	270 426,252	15,791	15,325
42	57	93 893	16 346,934	253 300,555	15,495	15,030
43	58	93 389	15 596,477	236 953,621	15,193	14,728
44	59	92 840	14 872,644	221 357,144	14,884	14,418
45	60	92 237	14 173,652	206 484,501	14,568	14,103
46	61	91 571	13 497,609	192 310,848	14,248	13,783
47	62	90 851	12 845,676	178 813,239	13,920	13,455
48	63	90 080	12 217,404	165 967,564	13,585	13,119
49	64	89 235	11 609,329	153 750,160	13,244	12,778
50	65	88 305	11 019,990	142 140,831	12,898	12,433
51	66	87 310	10 451,621	131 120,840	12,546	12,080
52	67	86 224	9 900,902	120 669,219	12,188	11,722
53	68	85 053	9 368,260	110 768,317	11,824	11,359
54	69	83 768	8 850,522	101 400,057	11,457	10,992
55	70	82 360	8 347,002	92 549,534	11,088	10,623
56	71	80 841	7 859,098	84 202,532	10,714	10,249
57	72	79 208	7 386,430	76 343,434	10,336	9,870
58	73	77 463	6 929,163	68 957,004	9,952	9,486
59	74	75 570	6 484,243	62 027,841	9,566	9,101
60	75	73 558	6 054,319	55 543,598	9,174	8,709
61	76	71 434	5 639,817	49 489,279	8,775	8,310
62	77	69 137	5 235,946	43 849,463	8,375	7,909
63	78	66 686	4 844,425	38 613,516	7,971	7,505
64	79	64 014	4 460,729	33 769,091	7,570	7,105
65	80	61 119	4 085,389	29 308,363	7,174	6,709
66	81	57 983	3 717,722	25 222,974	6,785	6,319
67	82	54 586	3 357,286	21 505,251	6,406	5,940
68	83	50 957	3 006,304	18 147,965	6,037	5,571
69	84	47 145	2 668,030	15 141,661	5,675	5,210
70	85	43 143	2 342,011	12 473,632	5,326	4,861
71	86	38 970	2 029,227	10 131,621	4,993	4,528
72	87	34 696	1 733,026	8 102,393	4,675	4,210
73	88	30 411	1 457,051	6 369,368	4,371	3,906
74	89	26 163	1 202,447	4 912,317	4,085	3,620
75	90	22 067	972,826	3 709,870	3,813	3,348
76	91	18 180	768,799	2 737,043	3,560	3,095
77	92	14 570	591,016	1 968,244	3,330	2,865
78	93	11 356	441,878	1 377,228	3,117	2,652
79	94	8 575	320,042	935,350	2,923	2,457
80	95	6 268	224,408	615,308	2,742	2,277
81	96	4 419	151,771	390,901	2,576	2,110
82	97	2 953	97,286	239,129	2,458	1,993
83	98	1 920	60,663	141,843	2,338	1,873
84	99	1 211	36,713	81,180	2,211	1,746
85	100	729	21,202	44,467	2,097	1,632

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 555	99 555,170	2 242 234,631	22,523	22,057
1	17	99 186	95 142,371	2 142 679,460	22,521	22,056
2	18	99 145	91 226,015	2 047 537,089	22,445	21,979
3	19	99 110	87 476,071	1 956 311,074	22,364	21,899
4	20	99 082	83 886,094	1 868 835,003	22,278	21,813
5	21	99 053	80 442,830	1 784 948,910	22,189	21,724
6	22	99 027	77 142,911	1 704 506,080	22,095	21,630
7	23	99 002	73 979,223	1 627 363,169	21,998	21,532
8	24	98 975	70 944,401	1 553 383,945	21,896	21,431
9	25	98 949	68 034,120	1 482 439,544	21,790	21,324
10	26	98 922	65 242,912	1 414 405,425	21,679	21,214
11	27	98 896	62 566,393	1 349 162,513	21,564	21,098
12	28	98 867	59 998,166	1 286 596,120	21,444	20,979
13	29	98 837	57 534,675	1 226 597,954	21,319	20,854
14	30	98 802	55 169,565	1 169 063,278	21,190	20,725
15	31	98 757	52 896,487	1 113 893,713	21,058	20,593
16	32	98 710	50 715,994	1 060 997,227	20,920	20,455
17	33	98 652	48 619,732	1 010 281,233	20,779	20,314
18	34	98 589	46 608,018	961 661,501	20,633	20,168
19	35	98 512	44 672,656	915 053,483	20,484	20,018
20	36	98 432	42 816,774	870 380,827	20,328	19,863
21	37	98 344	41 034,687	827 564,053	20,167	19,702
22	38	98 258	39 327,183	786 529,366	20,000	19,534
23	39	98 154	37 684,056	747 202,183	19,828	19,363
24	40	98 055	36 111,250	709 518,127	19,648	19,183
25	41	97 941	34 598,899	673 406,877	19,463	18,998
26	42	97 825	33 149,302	638 807,978	19,271	18,805
27	43	97 703	31 758,072	605 658,676	19,071	18,606
28	44	97 569	30 421,660	573 900,604	18,865	18,400
29	45	97 427	29 138,990	543 478,944	18,651	18,186
30	46	97 264	27 904,300	514 339,954	18,432	17,967
31	47	97 091	26 719,117	486 435,654	18,206	17,740
32	48	96 898	25 578,965	459 716,537	17,972	17,507
33	49	96 683	24 481,534	434 137,573	17,733	17,268
34	50	96 443	23 425,283	409 656,038	17,488	17,023
35	51	96 190	22 411,394	386 230,756	17,234	16,768
36	52	95 907	21 434,467	363 819,362	16,974	16,508
37	53	95 601	20 495,042	342 384,895	16,706	16,241
38	54	95 262	19 589,820	321 889,853	16,431	15,966
39	55	94 886	18 716,908	302 300,032	16,151	15,686
40	56	94 472	17 875,665	283 583,125	15,864	15,399
41	57	94 018	17 064,439	265 707,460	15,571	15,106
42	58	93 524	16 282,786	248 643,021	15,270	14,805
43	59	92 983	15 528,641	232 360,235	14,963	14,498
44	60	92 403	14 802,648	216 831,594	14,648	14,183
45	61	91 750	14 098,873	202 028,946	14,329	13,864
46	62	91 050	13 420,863	187 930,074	14,003	13,538
47	63	90 294	12 766,875	174 509,211	13,669	13,204
48	64	89 472	12 134,950	161 742,336	13,329	12,863
49	65	88 568	11 522,576	149 607,386	12,984	12,519
50	66	87 601	10 932,156	138 084,809	12,631	12,166
51	67	86 545	10 360,043	127 152,653	12,273	11,808
52	68	85 407	9 807,020	116 792,610	11,909	11,444
53	69	84 163	9 270,215	106 985,591	11,541	11,076
54	70	82 800	8 748,258	97 715,375	11,170	10,704
55	71	81 322	8 241,840	88 967,118	10,795	10,329
56	72	79 733	7 751,414	80 725,277	10,414	9,949
57	73	78 035	7 277,010	72 973,863	10,028	9,563
58	74	76 191	6 815,413	65 696,853	9,639	9,174
59	75	74 221	6 368,544	58 881,440	9,246	8,780
60	76	72 143	5 937,886	52 512,896	8,844	8,378
61	77	69 893	5 518,189	46 575,011	8,440	7,975
62	78	67 492	5 111,349	41 056,822	8,032	7,567
63	79	64 856	4 711,455	35 945,473	7,629	7,164
64	80	62 003	4 320,597	31 234,017	7,229	6,764
65	81	58 891	3 936,430	26 913,420	6,837	6,372
66	82	55 508	3 559,073	22 976,991	6,456	5,991
67	83	51 891	3 191,507	19 417,918	6,084	5,619
68	84	48 067	2 835,812	16 226,411	5,722	5,257
69	85	44 073	2 494,172	13 390,599	5,369	4,904
70	86	39 859	2 163,727	10 896,427	5,036	4,571
71	87	35 573	1 852,319	8 732,700	4,714	4,249
72	88	31 228	1 559,818	6 880,381	4,411	3,946
73	89	26 938	1 290,653	5 320,563	4,122	3,657
74	90	22 775	1 046,709	4 029,911	3,850	3,385
75	91	18 813	829,358	2 983,202	3,597	3,132
76	92	15 132	639,922	2 153,844	3,366	2,901
77	93	11 838	480,200	1 513,922	3,153	2,687
78	94	8 983	349,537	1 033,723	2,957	2,492
79	95	6 601	246,379	684,186	2,777	2,312
80	96	4 684	167,683	437,807	2,611	2,146
81	97	3 157	108,417	270,124	2,492	2,026
82	98	2 070	68,196	161,707	2,371	1,906
83	99	1 319	41,668	93,511	2,244	1,779
84	100	803	24,342	51,843	2,130	1,665

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 541	99 540,511	2 236 207,622	22,465	22,000
1	18	99 172	95 129,416	2 136 667,111	22,461	21,995
2	19	99 125	91 208,042	2 041 537,695	22,383	21,918
3	20	99 093	87 460,781	1 950 329,653	22,299	21,834
4	21	99 064	83 870,585	1 862 868,872	22,211	21,746
5	22	99 037	80 429,565	1 778 998,287	22,119	21,653
6	23	99 011	77 130,352	1 698 568,722	22,022	21,557
7	24	98 984	73 965,910	1 621 438,370	21,921	21,456
8	25	98 957	70 931,636	1 547 472,461	21,816	21,351
9	26	98 930	68 021,178	1 476 540,825	21,707	21,242
10	27	98 904	65 230,633	1 408 519,647	21,593	21,128
11	28	98 875	62 552,930	1 343 289,014	21,474	21,009
12	29	98 844	59 984,028	1 280 736,084	21,351	20,886
13	30	98 811	57 519,787	1 220 752,056	21,223	20,758
14	31	98 770	55 152,069	1 163 232,269	21,091	20,626
15	32	98 726	52 879,877	1 108 080,200	20,955	20,489
16	33	98 676	50 698,617	1 055 200,323	20,813	20,348
17	34	98 616	48 602,212	1 004 501,706	20,668	20,203
18	35	98 549	46 589,095	955 899,493	20,518	20,052
19	36	98 471	44 654,245	909 310,398	20,363	19,898
20	37	98 387	42 797,143	864 656,153	20,204	19,738
21	38	98 297	41 015,210	821 859,010	20,038	19,573
22	39	98 198	39 303,459	780 843,800	19,867	19,402
23	40	98 095	37 661,402	741 540,342	19,690	19,224
24	41	97 987	36 086,489	703 878,940	19,505	19,040
25	42	97 868	34 573,287	667 792,451	19,315	18,850
26	43	97 748	33 122,989	633 219,164	19,117	18,652
27	44	97 614	31 729,234	600 096,175	18,913	18,448
28	45	97 474	30 392,133	568 366,941	18,701	18,236
29	46	97 315	29 105,415	537 974,808	18,484	18,018
30	47	97 146	27 870,326	508 869,393	18,258	17,793
31	48	96 958	26 682,504	480 999,067	18,027	17,562
32	49	96 744	25 538,191	454 316,563	17,790	17,324
33	50	96 514	24 438,739	428 778,372	17,545	17,080
34	51	96 264	23 381,871	404 339,634	17,293	16,828
35	52	95 984	22 363,373	380 957,763	17,035	16,570
36	53	95 683	21 384,461	358 594,390	16,769	16,304
37	54	95 356	20 442,418	337 209,929	16,496	16,030
38	55	94 987	19 533,231	316 767,511	16,217	15,752
39	56	94 578	18 656,163	297 234,280	15,932	15,467
40	57	94 134	17 811,724	278 578,117	15,640	15,175
41	58	93 649	16 997,476	260 766,393	15,341	14,876
42	59	93 117	16 211,966	243 768,917	15,036	14,571
43	60	92 546	15 455,558	227 556,951	14,723	14,258
44	61	91 916	14 724,549	212 101,393	14,405	13,939
45	62	91 229	14 018,708	197 376,844	14,080	13,614
46	63	90 491	13 338,533	183 358,136	13,746	13,281
47	64	89 685	12 680,712	170 019,602	13,408	12,943
48	65	88 804	12 044,270	157 338,890	13,063	12,598
49	66	87 862	11 430,736	145 294,621	12,711	12,246
50	67	86 833	10 836,367	133 863,884	12,353	11,888
51	68	85 724	10 261,807	123 027,517	11,989	11,524
52	69	84 513	9 704,382	112 765,710	11,620	11,155
53	70	83 191	9 163,102	103 061,327	11,247	10,782
54	71	81 757	8 638,040	93 898,226	10,870	10,405
55	72	80 208	8 128,912	85 260,185	10,489	10,023
56	73	78 552	7 636,588	77 131,273	10,100	9,635
57	74	76 754	7 157,550	69 494,685	9,709	9,244
58	75	74 832	6 693,804	62 337,135	9,313	8,847
59	76	72 794	6 246,068	55 643,331	8,909	8,443
60	77	70 587	5 809,830	49 397,263	8,502	8,037
61	78	68 230	5 386,875	43 587,434	8,091	7,626
62	79	65 639	4 971,053	38 200,558	7,685	7,219
63	80	62 818	4 563,448	33 229,506	7,282	6,816
64	81	59 742	4 163,062	28 666,058	6,886	6,421
65	82	56 378	3 768,447	24 502,996	6,502	6,037
66	83	52 767	3 383,329	20 734,549	6,128	5,663
67	84	48 948	3 010,512	17 351,220	5,764	5,298
68	85	44 935	2 651,022	14 340,708	5,410	4,944
69	86	40 718	2 304,304	11 689,687	5,073	4,608
70	87	36 384	1 975,093	9 385,382	4,752	4,287
71	88	32 017	1 667,188	7 410,289	4,445	3,980
72	89	27 662	1 381,683	5 743,101	4,157	3,691
73	90	23 449	1 123,490	4 361,418	3,882	3,417
74	91	19 416	892,344	3 237,928	3,629	3,163
75	92	15 659	690,329	2 345,584	3,398	2,933
76	93	12 295	519,936	1 655,255	3,184	2,718
77	94	9 364	379,850	1 135,319	2,989	2,524
78	95	6 915	269,085	755,469	2,808	2,342
79	96	4 932	184,100	486,384	2,642	2,177
80	97	3 346	119,784	302,284	2,524	2,058
81	98	2 213	75,999	182,500	2,401	1,936
82	99	1 422	46,843	106,501	2,274	1,808
83	100	874	27,627	59,659	2,159	1,694

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 527	99 526,958	2 229 855,286	22,405	21,939
1	19	99 153	95 110,674	2 130 328,329	22,398	21,933
2	20	99 108	91 192,100	2 035 217,655	22,318	21,853
3	21	99 074	87 444,611	1 944 025,555	22,232	21,766
4	22	99 047	83 856,755	1 856 580,944	22,140	21,675
5	23	99 021	80 416,470	1 772 724,189	22,044	21,579
6	24	98 993	77 116,471	1 692 307,719	21,945	21,480
7	25	98 966	73 952,600	1 615 191,248	21,841	21,376
8	26	98 939	70 918,143	1 541 238,647	21,733	21,267
9	27	98 912	68 008,377	1 470 320,505	21,620	21,154
10	28	98 882	65 216,597	1 402 312,128	21,502	21,037
11	29	98 851	62 538,190	1 337 095,531	21,380	20,915
12	30	98 818	59 968,506	1 274 557,342	21,254	20,789
13	31	98 780	57 501,546	1 214 588,835	21,123	20,657
14	32	98 739	55 134,752	1 157 087,290	20,987	20,521
15	33	98 692	52 861,759	1 101 952,538	20,846	20,381
16	34	98 641	50 680,348	1 049 090,779	20,700	20,235
17	35	98 576	48 582,480	998 410,431	20,551	20,086
18	36	98 509	46 569,895	949 827,951	20,396	19,931
19	37	98 426	44 633,771	903 258,056	20,237	19,772
20	38	98 340	42 776,829	858 624,285	20,072	19,607
21	39	98 238	40 990,467	815 847,456	19,903	19,438
22	40	98 139	39 279,831	774 856,989	19,727	19,261
23	41	98 028	37 635,578	735 577,158	19,545	19,080
24	42	97 915	36 059,775	697 941,580	19,355	18,890
25	43	97 791	34 545,844	661 881,804	19,160	18,694
26	44	97 659	33 092,911	627 335,960	18,957	18,492
27	45	97 520	31 698,438	594 243,049	18,747	18,282
28	46	97 362	30 357,114	562 544,611	18,531	18,066
29	47	97 196	29 069,979	532 187,497	18,307	17,842
30	48	97 013	27 832,135	503 117,518	18,077	17,612
31	49	96 804	26 639,971	475 285,383	17,841	17,376
32	50	96 575	25 493,548	448 645,412	17,598	17,133
33	51	96 335	24 393,449	423 151,864	17,347	16,882
34	52	96 058	23 331,771	398 758,415	17,091	16,626
35	53	95 760	22 311,200	375 426,644	16,827	16,362
36	54	95 438	21 329,553	353 115,445	16,555	16,090
37	55	95 080	20 383,366	331 785,892	16,277	15,812
38	56	94 679	19 469,837	311 402,526	15,994	15,529
39	57	94 239	18 589,430	291 932,689	15,704	15,239
40	58	93 765	17 741,829	273 343,258	15,407	14,941
41	59	93 242	16 923,547	255 601,430	15,103	14,638
42	60	92 679	16 135,667	238 677,883	14,792	14,327
43	61	92 057	15 374,015	222 542,216	14,475	14,010
44	62	91 393	14 640,827	207 168,202	14,150	13,685
45	63	90 669	13 932,711	192 527,374	13,818	13,353
46	64	89 881	13 248,513	178 594,663	13,480	13,015
47	65	89 015	12 585,953	165 346,150	13,137	12,672
48	66	88 096	11 948,271	152 760,196	12,785	12,320
49	67	87 092	11 330,579	140 811,925	12,428	11,962
50	68	86 010	10 733,615	129 481,346	12,063	11,598
51	69	84 827	10 154,410	118 747,732	11,694	11,229
52	70	83 536	9 592,252	108 593,321	11,321	10,856
53	71	82 142	9 047,658	99 001,069	10,942	10,477
54	72	80 636	8 519,684	89 953,411	10,558	10,093
55	73	79 020	8 008,494	81 433,728	10,168	9,703
56	74	77 263	7 511,225	73 425,234	9,775	9,310
57	75	75 384	7 029,836	65 914,009	9,376	8,911
58	76	73 392	6 565,073	58 884,173	8,969	8,504
59	77	71 224	6 111,365	52 319,100	8,561	8,096
60	78	68 908	5 671,576	46 207,734	8,147	7,682
61	79	66 357	5 239,016	40 536,158	7,737	7,272
62	80	63 577	4 814,890	35 297,142	7,331	6,866
63	81	60 528	4 397,057	30 482,252	6,932	6,467
64	82	57 193	3 985,408	26 085,195	6,545	6,080
65	83	53 594	3 582,365	22 099,787	6,169	5,704
66	84	49 775	3 191,456	18 517,422	5,802	5,337
67	85	45 759	2 814,337	15 325,966	5,446	4,980
68	86	41 514	2 449,213	12 511,629	5,108	4,643
69	87	37 168	2 103,415	10 062,415	4,784	4,319
70	88	32 748	1 777,691	7 959,000	4,477	4,012
71	89	28 361	1 476,792	6 181,309	4,186	3,720
72	90	24 079	1 202,730	4 704,517	3,912	3,446
73	91	19 991	957,802	3 501,786	3,656	3,191
74	92	16 161	742,757	2 543,984	3,425	2,960
75	93	12 723	560,891	1 801,228	3,211	2,746
76	94	9 726	411,282	1 240,337	3,016	2,551
77	95	7 209	292,422	829,054	2,835	2,370
78	96	5 167	201,067	536,632	2,669	2,204
79	97	3 523	131,511	335,566	2,552	2,086
80	98	2 345	83,966	204,054	2,430	1,965
81	99	1 520	52,202	120,088	2,300	1,835
82	100	943	31,058	67,886	2,186	1,721

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 507	99 507,349	2 223 164,488	22,342	21,876
1	20	99 136	95 094,049	2 123 657,139	22,332	21,867
2	21	99 090	91 175,240	2 028 563,089	22,249	21,784
3	22	99 058	87 430,192	1 937 387,849	22,159	21,694
4	23	99 031	83 843,102	1 849 957,657	22,065	21,599
5	24	99 003	80 401,998	1 766 114,555	21,966	21,501
6	25	98 975	77 102,595	1 685 712,557	21,863	21,398
7	26	98 947	73 938,533	1 608 609,962	21,756	21,291
8	27	98 920	70 904,796	1 534 671,429	21,644	21,179
9	28	98 890	67 993,742	1 463 766,633	21,528	21,063
10	29	98 859	65 201,229	1 395 772,891	21,407	20,942
11	30	98 826	62 522,007	1 330 571,662	21,282	20,816
12	31	98 787	59 949,488	1 268 049,655	21,152	20,687
13	32	98 749	57 483,490	1 208 100,167	21,016	20,551
14	33	98 706	55 115,861	1 150 616,676	20,876	20,411
15	34	98 657	52 842,711	1 095 500,816	20,731	20,266
16	35	98 601	50 659,772	1 042 658,104	20,582	20,116
17	36	98 536	48 562,458	991 998,332	20,427	19,962
18	37	98 463	46 548,542	943 435,874	20,268	19,803
19	38	98 379	44 612,585	896 887,332	20,104	19,639
20	39	98 281	42 751,024	852 274,747	19,936	19,471
21	40	98 179	40 965,826	809 523,723	19,761	19,296
22	41	98 072	39 252,897	768 557,897	19,580	19,114
23	42	97 955	37 607,718	729 305,000	19,392	18,927
24	43	97 837	36 031,153	691 697,282	19,197	18,732
25	44	97 702	34 514,474	655 666,130	18,997	18,532
26	45	97 564	33 060,792	621 151,655	18,788	18,323
27	46	97 407	31 661,914	588 090,863	18,574	18,109
28	47	97 244	30 320,154	556 428,949	18,352	17,887
29	48	97 063	29 030,144	526 108,795	18,123	17,658
30	49	96 858	27 787,769	497 078,651	17,888	17,423
31	50	96 634	26 593,402	469 290,882	17,647	17,182
32	51	96 396	25 446,303	442 697,480	17,397	16,932
33	52	96 128	24 341,181	417 251,176	17,142	16,677
34	53	95 834	23 277,339	392 909,995	16,880	16,414
35	54	95 514	22 253,912	369 632,657	16,610	16,145
36	55	95 162	21 267,938	347 378,745	16,333	15,868
37	56	94 772	20 317,213	326 110,807	16,051	15,586
38	57	94 340	19 400,194	305 793,594	15,762	15,297
39	58	93 870	18 516,483	286 393,400	15,467	15,002
40	59	93 357	17 664,662	267 876,917	15,165	14,699
41	60	92 803	16 843,899	250 212,255	14,855	14,390
42	61	92 190	16 050,535	233 368,356	14,540	14,074
43	62	91 534	15 286,600	217 317,821	14,216	13,751
44	63	90 832	14 551,014	202 031,221	13,884	13,419
45	64	90 057	13 838,681	187 480,206	13,548	13,082
46	65	89 209	13 149,511	173 641,526	13,205	12,740
47	66	88 305	12 485,638	160 492,014	12,854	12,389
48	67	87 324	11 843,579	148 006,376	12,497	12,032
49	68	86 266	11 223,140	136 162,797	12,132	11,667
50	69	85 110	10 621,280	124 939,657	11,763	11,298
51	70	83 847	10 037,080	114 318,377	11,390	10,924
52	71	82 484	9 471,401	104 281,297	11,010	10,545
53	72	81 017	8 923,689	94 809,896	10,625	10,159
54	73	79 442	8 393,477	85 886,207	10,232	9,767
55	74	77 722	7 877,025	77 492,730	9,838	9,373
56	75	75 884	7 377,201	69 615,705	9,437	8,971
57	76	73 935	6 894,643	62 238,504	9,027	8,562
58	77	71 810	6 423,491	55 343,862	8,616	8,151
59	78	69 529	5 965,936	48 920,370	8,200	7,735
60	79	67 016	5 515,903	42 954,434	7,787	7,322
61	80	64 273	5 074,435	37 438,531	7,378	6,913
62	81	61 259	4 639,332	32 364,096	6,976	6,511
63	82	57 945	4 209,418	27 724,764	6,586	6,121
64	83	54 369	3 788,612	23 515,346	6,207	5,742
65	84	50 554	3 379,204	19 726,734	5,838	5,372
66	85	46 531	2 983,491	16 347,530	5,479	5,014
67	86	42 275	2 600,097	13 364,039	5,140	4,675
68	87	37 895	2 235,691	10 763,942	4,815	4,349
69	88	33 454	1 893,188	8 528,251	4,505	4,039
70	89	29 008	1 574,675	6 635,063	4,214	3,748
71	90	24 688	1 285,521	5 060,388	3,936	3,471
72	91	20 528	1 025,356	3 774,867	3,682	3,216
73	92	16 640	797,241	2 749,510	3,449	2,984
74	93	13 131	603,488	1 952,269	3,235	2,770
75	94	10 064	443,679	1 348,781	3,040	2,575
76	95	7 487	316,619	905,101	2,859	2,393
77	96	5 387	218,504	588,482	2,693	2,228
78	97	3 691	143,632	369,978	2,576	2,111
79	98	2 470	92,187	226,346	2,455	1,990
80	99	1 611	57,675	134,159	2,326	1,861
81	100	1 008	34,612	76,484	2,210	1,745

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 490	99 489,956	2 216 129,076	22,275	21,810
1	21	99 117	95 076,469	2 116 639,120	22,262	21,797
2	22	99 073	91 160,206	2 021 562,651	22,176	21,711
3	23	99 042	87 415,957	1 930 402,445	22,083	21,618
4	24	99 013	83 828,014	1 842 986,488	21,985	21,520
5	25	98 985	80 387,531	1 759 158,475	21,883	21,418
6	26	98 956	77 087,928	1 678 770,944	21,777	21,312
7	27	98 929	73 924,618	1 601 683,016	21,666	21,201
8	28	98 899	70 889,539	1 527 758,398	21,551	21,086
9	29	98 867	67 977,720	1 456 868,859	21,432	20,966
10	30	98 833	65 184,357	1 388 891,139	21,307	20,842
11	31	98 794	62 502,179	1 323 706,782	21,179	20,713
12	32	98 756	59 930,664	1 261 204,603	21,044	20,579
13	33	98 715	57 463,795	1 201 273,939	20,905	20,440
14	34	98 670	55 096,001	1 143 810,144	20,760	20,295
15	35	98 617	52 821,257	1 088 714,143	20,611	20,146
16	36	98 560	50 638,894	1 035 892,886	20,456	19,991
17	37	98 491	48 540,192	985 253,992	20,298	19,832
18	38	98 417	46 526,448	936 713,800	20,133	19,668
19	39	98 320	44 585,672	890 187,352	19,966	19,501
20	40	98 222	42 725,324	845 601,680	19,792	19,326
21	41	98 112	40 937,736	802 876,356	19,612	19,147
22	42	97 999	39 223,840	761 938,620	19,425	18,960
23	43	97 877	37 577,866	722 714,780	19,232	18,767
24	44	97 748	35 998,434	685 136,914	19,032	18,567
25	45	97 607	34 480,976	649 138,480	18,826	18,361
26	46	97 452	33 022,698	614 657,505	18,613	18,148
27	47	97 289	31 623,365	581 634,806	18,393	17,927
28	48	97 110	30 278,606	550 011,441	18,165	17,700
29	49	96 909	28 983,869	519 732,835	17,932	17,467
30	50	96 689	27 739,194	490 748,966	17,692	17,226
31	51	96 455	26 544,119	463 009,772	17,443	16,978
32	52	96 189	25 391,780	436 465,653	17,189	16,724
33	53	95 904	24 284,394	411 073,873	16,927	16,462
34	54	95 588	23 217,570	386 789,479	16,659	16,194
35	55	95 238	22 189,627	363 571,909	16,385	15,920
36	56	94 853	21 198,914	341 382,282	16,104	15,639
37	57	94 433	20 244,539	320 183,368	15,816	15,351
38	58	93 970	19 324,065	299 938,829	15,522	15,056
39	59	93 461	18 435,947	280 614,764	15,221	14,756
40	60	92 918	17 581,526	262 178,817	14,912	14,447
41	61	92 313	16 755,031	244 597,291	14,598	14,133
42	62	91 666	15 959,274	227 842,260	14,276	13,811
43	63	90 972	15 192,825	211 882,986	13,946	13,481
44	64	90 219	14 452,811	196 690,161	13,609	13,144
45	65	89 384	13 735,269	182 237,350	13,268	12,803
46	66	88 498	13 044,704	168 502,081	12,917	12,452
47	67	87 531	12 376,237	155 457,377	12,561	12,096
48	68	86 496	11 731,276	143 081,140	12,197	11,731
49	69	85 364	11 105,682	131 349,864	11,827	11,362
50	70	84 126	10 498,555	120 244,182	11,453	10,988
51	71	82 790	9 910,625	109 745,626	11,074	10,608
52	72	81 354	9 341,626	99 835,001	10,687	10,222
53	73	79 817	8 791,497	90 493,375	10,293	9,828
54	74	78 138	8 255,688	81 701,878	9,896	9,431
55	75	76 336	7 736,474	73 446,190	9,493	9,028
56	76	74 425	7 235,327	65 709,716	9,082	8,617
57	77	72 340	6 745,953	58 474,389	8,668	8,203
58	78	70 101	6 270,635	51 728,436	8,249	7,784
59	79	67 621	5 802,183	45 457,801	7,835	7,369
60	80	64 911	5 342,623	39 655,618	7,422	6,957
61	81	61 929	4 889,414	34 312,994	7,018	6,553
62	82	58 645	4 441,354	29 423,581	6,625	6,160
63	83	55 083	4 001,561	24 982,227	6,243	5,778
64	84	51 285	3 573,755	20 980,666	5,871	5,406
65	85	47 260	3 159,004	17 406,911	5,510	5,045
66	86	42 989	2 756,373	14 247,907	5,169	4,704
67	87	38 590	2 373,420	11 491,533	4,842	4,377
68	88	34 108	2 012,244	9 118,113	4,531	4,066
69	89	29 633	1 676,982	7 105,869	4,237	3,772
70	90	25 251	1 370,727	5 428,887	3,961	3,495
71	91	21 047	1 095,937	4 058,160	3,703	3,238
72	92	17 087	853,471	2 962,223	3,471	3,006
73	93	13 520	647,757	2 108,751	3,255	2,790
74	94	10 387	477,375	1 460,994	3,060	2,595
75	95	7 748	341,560	983,619	2,880	2,415
76	96	5 595	236,585	642,060	2,714	2,249
77	97	3 848	156,088	405,474	2,598	2,133
78	98	2 588	100,683	249,386	2,477	2,012
79	99	1 697	63,322	148,703	2,348	1,883
80	100	1 068	38,240	85,382	2,233	1,768

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 472	99 471,563	2 208 734,050	22,205	21,739
1	22	99 101	95 060,791	2 109 262,487	22,189	21,723
2	23	99 057	91 145,364	2 014 201,696	22,099	21,634
3	24	99 024	87 400,226	1 923 056,332	22,003	21,538
4	25	98 995	83 812,930	1 835 656,107	21,902	21,437
5	26	98 966	80 372,239	1 751 843,177	21,797	21,331
6	27	98 938	77 073,421	1 671 470,938	21,687	21,222
7	28	98 907	73 908,710	1 594 397,517	21,573	21,107
8	29	98 875	70 872,834	1 520 488,807	21,454	20,989
9	30	98 841	67 960,130	1 449 615,973	21,330	20,865
10	31	98 802	65 163,685	1 381 655,843	21,203	20,738
11	32	98 763	62 482,553	1 316 492,158	21,070	20,605
12	33	98 722	59 910,130	1 254 009,605	20,932	20,466
13	34	98 679	57 443,089	1 194 099,475	20,788	20,322
14	35	98 630	55 073,632	1 136 656,386	20,639	20,174
15	36	98 576	52 799,488	1 081 582,754	20,485	20,020
16	37	98 515	50 615,676	1 028 783,266	20,325	19,860
17	38	98 444	48 517,152	978 167,590	20,161	19,696
18	39	98 357	46 498,380	929 650,438	19,993	19,528
19	40	98 261	44 558,870	883 152,058	19,820	19,355
20	41	98 154	42 696,027	838 593,188	19,641	19,176
21	42	98 039	40 907,431	795 897,160	19,456	18,991
22	43	97 922	39 192,706	754 989,729	19,264	18,798
23	44	97 788	37 543,743	715 797,023	19,066	18,600
24	45	97 653	35 963,495	678 253,280	18,859	18,394
25	46	97 495	34 441,245	642 289,786	18,649	18,184
26	47	97 333	32 982,493	607 848,540	18,429	17,964
27	48	97 155	31 580,032	574 866,048	18,203	17,738
28	49	96 956	30 230,341	543 286,016	17,972	17,506
29	50	96 739	28 933,203	513 055,676	17,732	17,267
30	51	96 510	27 687,788	484 122,473	17,485	17,020
31	52	96 249	26 487,243	456 434,685	17,232	16,767
32	53	95 965	25 332,542	429 947,442	16,972	16,507
33	54	95 658	24 222,039	404 614,900	16,704	16,239
34	55	95 312	23 150,502	380 392,861	16,431	15,966
35	56	94 929	22 117,612	357 242,359	16,152	15,687
36	57	94 514	21 123,086	335 124,747	15,865	15,400
37	58	94 062	20 165,097	314 001,661	15,572	15,106
38	59	93 561	19 240,017	293 836,564	15,272	14,807
39	60	93 021	18 349,181	274 596,547	14,965	14,500
40	61	92 428	17 488,766	256 247,366	14,652	14,187
41	62	91 788	16 659,764	238 758,600	14,331	13,866
42	63	91 104	15 861,373	222 098,836	14,002	13,537
43	64	90 358	15 090,290	206 237,463	13,667	13,202
44	65	89 545	14 344,810	191 147,173	13,325	12,860
45	66	88 672	13 625,793	176 802,363	12,976	12,510
46	67	87 723	12 930,405	163 176,570	12,620	12,154
47	68	86 701	12 258,883	150 246,166	12,256	11,791
48	69	85 591	11 608,500	137 987,282	11,887	11,422
49	70	84 377	10 977,361	126 378,782	11,513	11,047
50	71	83 067	10 366,286	115 401,422	11,132	10,667
51	72	81 656	9 774,832	105 035,135	10,745	10,280
52	73	80 149	9 203,243	95 260,304	10,351	9,886
53	74	78 506	8 647,174	86 057,060	9,952	9,487
54	75	76 743	8 108,380	77 409,886	9,547	9,082
55	76	74 867	7 587,691	69 301,506	9,133	8,668
56	77	72 820	7 079,290	61 713,815	8,718	8,252
57	78	70 619	6 585,423	54 634,524	8,296	7,831
58	79	68 177	6 098,518	48 049,101	7,879	7,414
59	80	65 496	5 619,911	41 950,583	7,465	6,999
60	81	62 544	5 147,823	36 330,672	7,057	6,592
61	82	59 287	4 680,764	31 182,849	6,662	6,197
62	83	55 749	4 222,044	26 502,085	6,277	5,812
63	84	51 960	3 774,627	22 280,041	5,903	5,437
64	85	47 943	3 340,878	18 505,414	5,539	5,074
65	86	43 662	2 918,526	15 164,536	5,196	4,731
66	87	39 241	2 516,073	12 246,010	4,867	4,402
67	88	34 733	2 136,208	9 729,937	4,555	4,090
68	89	30 213	1 782,442	7 593,729	4,260	3,795
69	90	25 795	1 459,783	5 811,288	3,981	3,516
70	91	21 527	1 168,577	4 351,505	3,724	3,259
71	92	17 519	912,220	3 182,928	3,489	3,024
72	93	13 883	693,444	2 270,707	3,275	2,809
73	94	10 694	512,393	1 577,263	3,078	2,613
74	95	7 996	367,500	1 064,871	2,898	2,432
75	96	5 789	255,221	697,371	2,732	2,267
76	97	3 996	169,004	442,150	2,616	2,151
77	98	2 697	109,415	273,146	2,496	2,031
78	99	1 777	69,157	163,731	2,368	1,902
79	100	1 125	41,984	94,573	2,253	1,787

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 455	99 455,160	2 200 967,185	22,130	21,665
1	23	99 085	95 045,314	2 101 512,025	22,111	21,645
2	24	99 040	91 128,961	2 006 466,711	22,018	21,553
3	25	99 006	87 384,499	1 915 337,750	21,919	21,453
4	26	98 977	83 796,987	1 827 953,251	21,814	21,349
5	27	98 947	80 357,113	1 744 156,264	21,705	21,240
6	28	98 916	77 056,836	1 663 799,151	21,592	21,127
7	29	98 884	73 891,294	1 586 742,315	21,474	21,009
8	30	98 850	70 854,494	1 512 851,021	21,352	20,886
9	31	98 810	67 938,577	1 441 996,527	21,225	20,760
10	32	98 771	65 143,224	1 374 057,949	21,093	20,628
11	33	98 729	62 461,145	1 308 914,726	20,956	20,490
12	34	98 686	59 888,543	1 246 453,581	20,813	20,348
13	35	98 639	57 419,767	1 186 565,038	20,665	20,200
14	36	98 589	55 050,935	1 129 145,271	20,511	20,046
15	37	98 531	52 775,279	1 074 094,336	20,352	19,887
16	38	98 468	50 591,651	1 021 319,057	20,188	19,722
17	39	98 384	48 487,884	970 727,406	20,020	19,555
18	40	98 298	46 470,428	922 239,522	19,846	19,381
19	41	98 193	44 528,316	875 769,094	19,668	19,202
20	42	98 082	42 664,421	831 240,778	19,483	19,018
21	43	97 961	40 874,961	788 576,357	19,292	18,827
22	44	97 833	39 157,116	747 701,396	19,095	18,630
23	45	97 693	37 507,304	708 544,280	18,891	18,426
24	46	97 541	35 922,056	671 036,976	18,680	18,215
25	47	97 376	34 399,313	635 114,920	18,463	17,998
26	48	97 200	32 937,297	600 715,607	18,238	17,773
27	49	97 000	31 529,691	567 778,311	18,008	17,543
28	50	96 786	30 177,496	536 248,619	17,770	17,305
29	51	96 560	28 879,584	506 071,123	17,523	17,058
30	52	96 303	27 628,461	477 191,540	17,272	16,807
31	53	96 024	26 425,449	449 563,078	17,013	16,547
32	54	95 719	25 267,496	423 137,629	16,746	16,281
33	55	95 382	24 152,069	397 870,133	16,474	16,008
34	56	95 002	23 075,368	373 718,064	16,196	15,730
35	57	94 590	22 038,498	350 642,696	15,910	15,445
36	58	94 143	21 040,197	328 604,198	15,618	15,153
37	59	93 653	20 077,390	307 564,001	15,319	14,854
38	60	93 121	19 149,467	287 486,611	15,013	14,548
39	61	92 531	18 252,372	268 337,144	14,701	14,236
40	62	91 902	17 389,327	250 084,773	14,382	13,916
41	63	91 225	16 557,565	232 695,446	14,054	13,589
42	64	90 489	15 754,326	216 137,880	13,719	13,254
43	65	89 683	14 977,526	200 383,554	13,379	12,914
44	66	88 831	14 230,475	185 406,028	13,029	12,564
45	67	87 895	13 506,402	171 175,553	12,674	12,208
46	68	86 891	12 807,796	157 669,151	12,310	11,845
47	69	85 794	12 130,586	144 861,355	11,942	11,477
48	70	84 602	11 474,369	132 730,770	11,568	11,102
49	71	83 314	10 839,059	121 256,401	11,187	10,722
50	72	81 928	10 224,250	110 417,342	10,800	10,334
51	73	80 446	9 630,031	100 193,092	10,404	9,939
52	74	78 833	9 052,161	90 563,061	10,005	9,539
53	75	77 106	8 492,881	81 510,899	9,598	9,132
54	76	75 268	7 952,445	73 018,018	9,182	8,717
55	77	73 253	7 424,055	65 065,573	8,764	8,299
56	78	71 087	6 910,828	57 641,518	8,341	7,876
57	79	68 680	6 404,666	50 730,690	7,921	7,456
58	80	66 035	5 906,937	44 326,023	7,504	7,039
59	81	63 108	5 415,000	38 419,087	7,095	6,630
60	82	59 875	4 928,146	33 004,086	6,697	6,232
61	83	56 359	4 449,632	28 075,940	6,310	5,845
62	84	52 588	3 982,606	23 626,308	5,932	5,467
63	85	48 574	3 528,660	19 643,702	5,567	5,102
64	86	44 294	3 086,554	16 115,042	5,221	4,756
65	87	39 856	2 664,089	13 028,487	4,890	4,425
66	88	35 319	2 264,603	10 364,398	4,577	4,111
67	89	30 766	1 892,249	8 099,795	4,281	3,815
68	90	26 299	1 551,583	6 207,547	4,001	3,536
69	91	21 991	1 244,500	4 655,963	3,741	3,276
70	92	17 918	972,683	3 411,463	3,507	3,042
71	93	14 234	741,177	2 438,780	3,290	2,825
72	94	10 982	548,532	1 697,603	3,095	2,630
73	95	8 233	394,458	1 149,071	2,913	2,448
74	96	5 975	274,604	754,613	2,748	2,283
75	97	4 136	182,317	480,009	2,633	2,168
76	98	2 801	118,469	297,692	2,513	2,048
77	99	1 853	75,155	179,223	2,385	1,919
78	100	1 178	45,854	104,068	2,270	1,804

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 439	99 438,968	2 192 812,663	22,052	21,587
1	24	99 067	95 028,209	2 093 373,695	22,029	21,564
2	25	99 022	91 112,564	1 998 345,486	21,933	21,467
3	26	98 987	87 367,876	1 907 232,922	21,830	21,365
4	27	98 958	83 781,216	1 819 865,046	21,722	21,256
5	28	98 926	80 339,822	1 736 083,830	21,609	21,144
6	29	98 893	77 038,678	1 655 744,008	21,492	21,027
7	30	98 858	73 872,174	1 578 705,330	21,371	20,906
8	31	98 818	70 832,024	1 504 833,157	21,245	20,780
9	32	98 779	67 917,245	1 434 001,132	21,114	20,649
10	33	98 737	65 120,904	1 366 083,887	20,978	20,512
11	34	98 694	62 438,638	1 300 962,984	20,836	20,371
12	35	98 646	59 864,228	1 238 524,346	20,689	20,224
13	36	98 599	57 396,103	1 178 660,117	20,536	20,070
14	37	98 544	55 025,694	1 121 264,015	20,377	19,912
15	38	98 484	52 750,229	1 066 238,321	20,213	19,748
16	39	98 409	50 561,131	1 013 488,092	20,045	19,580
17	40	98 325	48 458,735	962 926,961	19,871	19,406
18	41	98 231	46 438,564	914 468,225	19,692	19,227
19	42	98 121	44 495,353	868 029,662	19,508	19,043
20	43	98 004	42 630,556	823 534,308	19,318	18,853
21	44	97 872	40 837,843	780 903,752	19,122	18,657
22	45	97 738	39 119,111	740 065,909	18,918	18,453
23	46	97 581	37 464,087	700 946,798	18,710	18,245
24	47	97 422	35 878,321	663 482,711	18,493	18,027
25	48	97 242	34 352,175	627 604,390	18,270	17,804
26	49	97 045	32 884,793	593 252,215	18,040	17,575
27	50	96 831	31 474,575	560 367,422	17,804	17,339
28	51	96 607	30 121,571	528 892,847	17,559	17,093
29	52	96 353	28 817,704	498 771,276	17,308	16,843
30	53	96 078	27 564,005	469 953,572	17,050	16,584
31	54	95 778	26 357,597	442 389,567	16,784	16,319
32	55	95 442	25 194,506	416 031,970	16,513	16,048
33	56	95 072	24 073,685	390 837,464	16,235	15,770
34	57	94 663	22 992,828	366 763,779	15,951	15,486
35	58	94 219	21 952,016	343 770,951	15,660	15,195
36	59	93 734	20 948,684	321 818,935	15,362	14,897
37	60	93 212	19 982,899	300 870,251	15,056	14,591
38	61	92 630	19 048,435	280 887,352	14,746	14,281
39	62	92 005	18 148,591	261 838,917	14,428	13,962
40	63	91 338	17 282,653	243 690,326	14,100	13,635
41	64	90 610	16 445,820	226 407,673	13,767	13,302
42	65	89 813	15 636,599	209 961,853	13,428	12,962
43	66	88 968	14 858,148	194 325,254	13,079	12,613
44	67	88 053	14 105,786	179 467,105	12,723	12,258
45	68	87 061	13 378,331	165 361,319	12,360	11,895
46	69	85 981	12 673,754	151 982,988	11,992	11,527
47	70	84 803	11 990,422	139 309,234	11,618	11,153
48	71	83 536	11 329,806	127 318,813	11,238	10,772
49	72	82 173	10 690,545	115 989,007	10,850	10,384
50	73	80 715	10 072,792	105 298,462	10,454	9,989
51	74	79 126	9 471,943	95 225,670	10,053	9,588
52	75	77 426	8 890,642	85 753,727	9,645	9,180
53	76	75 623	8 329,551	76 863,085	9,228	8,763
54	77	73 644	7 780,943	68 533,534	8,808	8,343
55	78	71 510	7 247,389	60 752,590	8,383	7,917
56	79	69 136	6 721,139	53 505,202	7,961	7,496
57	80	66 523	6 203,467	46 784,062	7,542	7,076
58	81	63 627	5 691,561	40 580,595	7,130	6,665
59	82	60 415	5 183,921	34 889,034	6,730	6,265
60	83	56 919	4 684,799	29 705,113	6,341	5,876
61	84	53 163	4 197,287	25 020,313	5,961	5,496
62	85	49 161	3 723,087	20 823,026	5,593	5,128
63	86	44 876	3 260,042	17 099,939	5,245	4,780
64	87	40 432	2 817,469	13 839,897	4,912	4,447
65	88	35 873	2 397,825	11 022,428	4,597	4,132
66	89	31 286	2 005,981	8 624,603	4,299	3,834
67	90	26 781	1 647,168	6 618,622	4,018	3,553
68	91	22 421	1 322,762	4 971,454	3,758	3,293
69	92	18 304	1 035,879	3 648,692	3,522	3,057
70	93	14 559	790,303	2 612,813	3,306	2,841
71	94	11 259	586,290	1 822,510	3,109	2,643
72	95	8 454	422,279	1 236,219	2,927	2,462
73	96	6 152	294,748	813,940	2,761	2,296
74	97	4 268	196,163	519,192	2,647	2,182
75	98	2 899	127,801	323,030	2,528	2,062
76	99	1 924	81,374	195,229	2,399	1,934
77	100	1 228	49,830	113,855	2,285	1,820

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 421	99 421,072	2 184 255,900	21,970	21,505
1	25	99 049	95 011,110	2 084 834,827	21,943	21,478
2	26	99 003	91 095,232	1 989 823,717	21,843	21,378
3	27	98 969	87 351,434	1 898 728,485	21,737	21,271
4	28	98 937	83 763,188	1 811 377,051	21,625	21,160
5	29	98 903	80 320,890	1 727 613,863	21,509	21,044
6	30	98 867	77 018,743	1 647 292,973	21,388	20,923
7	31	98 827	73 848,747	1 570 274,231	21,263	20,798
8	32	98 787	70 809,783	1 496 425,484	21,133	20,668
9	33	98 745	67 893,974	1 425 615,701	20,998	20,532
10	34	98 702	65 097,438	1 357 721,726	20,857	20,392
11	35	98 654	62 413,289	1 292 624,288	20,711	20,246
12	36	98 605	59 839,556	1 230 211,000	20,558	20,093
13	37	98 554	57 369,787	1 170 371,443	20,400	19,935
14	38	98 497	54 999,575	1 113 001,656	20,237	19,771
15	39	98 425	52 718,407	1 058 002,081	20,069	19,604
16	40	98 350	50 530,737	1 005 283,674	19,894	19,429
17	41	98 258	48 425,507	954 752,937	19,716	19,251
18	42	98 158	46 404,187	906 327,430	19,531	19,066
19	43	98 043	44 460,035	859 923,243	19,341	18,876
20	44	97 915	42 591,844	815 463,208	19,146	18,681
21	45	97 777	40 798,207	772 871,364	18,944	18,479
22	46	97 625	39 074,037	732 073,156	18,736	18,270
23	47	97 462	37 418,474	692 999,120	18,520	18,055
24	48	97 289	35 829,156	655 580,646	18,297	17,832
25	49	97 087	34 297,416	619 751,490	18,070	17,605
26	50	96 875	32 827,308	585 454,074	17,834	17,369
27	51	96 651	31 416,247	552 626,766	17,590	17,125
28	52	96 400	30 057,029	521 210,519	17,341	16,876
29	53	96 128	28 750,473	491 153,489	17,083	16,618
30	54	95 831	27 493,230	462 403,016	16,819	16,354
31	55	95 501	26 281,458	434 909,787	16,548	16,083
32	56	95 132	25 112,738	408 628,328	16,272	15,807
33	57	94 732	23 987,574	383 515,590	15,988	15,523
34	58	94 291	22 902,601	359 528,016	15,698	15,233
35	59	93 809	21 856,538	336 625,415	15,402	14,936
36	60	93 292	20 850,092	314 768,877	15,097	14,632
37	61	92 720	19 877,470	293 918,785	14,787	14,321
38	62	92 103	18 940,128	274 041,315	14,469	14,004
39	63	91 440	18 037,259	255 101,187	14,143	13,678
40	64	90 722	17 166,015	237 063,928	13,810	13,345
41	65	89 932	16 322,926	219 897,913	13,472	13,007
42	66	89 097	15 511,968	203 574,987	13,124	12,659
43	67	88 189	14 727,959	188 063,019	12,769	12,304
44	68	87 218	13 972,032	173 335,059	12,406	11,941
45	69	86 150	13 238,318	159 363,027	12,038	11,573
46	70	84 988	12 527,314	146 124,709	11,664	11,199
47	71	83 734	11 839,357	133 597,396	11,284	10,819
48	72	82 391	11 174,567	121 758,039	10,896	10,431
49	73	80 955	10 532,179	110 583,472	10,500	10,034
50	74	79 390	9 907,435	100 051,292	10,099	9,633
51	75	77 714	9 302,934	90 143,857	9,690	9,225
52	76	75 937	8 719,663	80 840,923	9,271	8,806
53	77	73 992	8 149,917	72 121,260	8,849	8,384
54	78	71 892	7 595,784	63 971,344	8,422	7,957
55	79	69 547	7 048,462	56 375,560	7,998	7,533
56	80	66 964	6 509,998	49 327,097	7,577	7,112
57	81	64 097	5 977,280	42 817,099	7,163	6,698
58	82	60 912	5 448,680	36 839,819	6,761	6,296
59	83	57 432	4 927,945	31 391,139	6,370	5,905
60	84	53 691	4 419,117	26 463,194	5,988	5,523
61	85	49 699	3 923,779	22 044,077	5,618	5,153
62	86	45 418	3 439,668	18 120,298	5,268	4,803
63	87	40 964	2 975,832	14 680,630	4,933	4,468
64	88	36 391	2 535,875	11 704,798	4,616	4,150
65	89	31 776	2 123,989	9 168,923	4,317	3,852
66	90	27 234	1 746,170	7 044,934	4,035	3,569
67	91	22 832	1 404,250	5 298,764	3,773	3,308
68	92	18 662	1 101,021	3 894,513	3,537	3,072
69	93	14 872	841,650	2 793,492	3,319	2,854
70	94	11 516	625,150	1 951,842	3,122	2,657
71	95	8 668	451,347	1 326,692	2,939	2,474
72	96	6 317	315,537	875,345	2,774	2,309
73	97	4 395	210,552	559,809	2,659	2,194
74	98	2 992	137,506	349,256	2,540	2,075
75	99	1 991	87,784	211,750	2,412	1,947
76	100	1 276	53,954	123,966	2,298	1,832

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 403	99 403,183	2 175 283,753	21,883	21,418
1	26	99 030	94 993,037	2 075 880,571	21,853	21,388
2	27	98 984	91 078,088	1 980 887,534	21,749	21,284
3	28	98 947	87 332,637	1 889 809,446	21,639	21,174
4	29	98 913	83 743,450	1 802 476,809	21,524	21,059
5	30	98 877	80 300,106	1 718 733,359	21,404	20,939
6	31	98 836	76 994,318	1 638 433,253	21,280	20,815
7	32	98 796	73 825,558	1 561 438,935	21,150	20,685
8	33	98 754	70 785,522	1 487 613,377	21,016	20,551
9	34	98 710	67 869,510	1 416 827,856	20,876	20,411
10	35	98 662	65 071,009	1 348 958,346	20,731	20,265
11	36	98 613	62 387,566	1 283 887,337	20,579	20,114
12	37	98 560	59 812,120	1 221 499,770	20,422	19,957
13	38	98 507	57 342,555	1 161 687,650	20,259	19,794
14	39	98 438	54 966,397	1 104 345,095	20,091	19,626
15	40	98 365	52 686,716	1 049 378,699	19,917	19,452
16	41	98 282	50 496,088	996 691,983	19,738	19,273
17	42	98 185	48 389,660	946 195,895	19,554	19,088
18	43	98 080	46 367,353	897 806,235	19,363	18,898
19	44	97 954	44 419,662	851 438,882	19,168	18,703
20	45	97 820	42 550,506	807 019,219	18,966	18,501
21	46	97 665	40 751,198	764 468,714	18,759	18,294
22	47	97 506	39 026,464	723 717,516	18,544	18,079
23	48	97 328	37 367,199	684 691,052	18,323	17,858
24	49	97 134	35 772,043	647 323,853	18,096	17,631
25	50	96 918	34 237,462	611 551,810	17,862	17,397
26	51	96 696	32 766,472	577 314,348	17,619	17,154
27	52	96 444	31 348,931	544 547,876	17,371	16,905
28	53	96 175	29 986,907	513 198,945	17,114	16,649
29	54	95 881	28 676,651	483 212,037	16,850	16,385
30	55	95 555	27 413,810	454 535,386	16,581	16,115
31	56	95 191	26 196,163	427 121,576	16,305	15,840
32	57	94 792	25 022,911	400 925,413	16,022	15,557
33	58	94 360	23 893,444	375 902,502	15,732	15,267
34	59	93 881	22 802,988	352 009,058	15,437	14,972
35	60	93 367	21 753,673	329 206,069	15,133	14,668
36	61	92 800	20 740,088	307 452,396	14,824	14,359
37	62	92 193	19 764,449	286 712,308	14,506	14,041
38	63	91 538	18 823,941	266 947,859	14,181	13,716
39	64	90 823	17 915,528	248 123,919	13,850	13,384
40	65	90 044	17 037,739	230 208,391	13,512	13,046
41	66	89 216	16 192,825	213 170,653	13,165	12,699
42	67	88 316	15 376,051	196 977,827	12,811	12,345
43	68	87 353	14 588,306	181 601,777	12,448	11,983
44	69	86 305	13 825,805	167 013,471	12,080	11,615
45	70	85 155	13 085,355	153 187,666	11,707	11,242
46	71	83 917	12 369,484	140 102,311	11,326	10,861
47	72	82 587	11 677,137	127 732,826	10,939	10,473
48	73	81 171	11 009,032	116 055,690	10,542	10,077
49	74	79 626	10 359,281	105 046,658	10,140	9,675
50	75	77 973	9 730,655	94 687,377	9,731	9,266
51	76	76 219	9 124,026	84 956,722	9,311	8,846
52	77	74 300	8 531,615	75 832,696	8,888	8,423
53	78	72 231	7 955,977	67 301,081	8,459	7,994
54	79	69 919	7 387,295	59 345,104	8,033	7,568
55	80	67 362	6 827,039	51 957,809	7,611	7,145
56	81	64 522	6 272,634	45 130,770	7,195	6,730
57	82	61 362	5 722,206	38 858,136	6,791	6,326
58	83	57 904	5 179,630	33 135,930	6,397	5,932
59	84	54 175	4 648,474	27 956,300	6,014	5,549
60	85	50 192	4 131,154	23 307,826	5,642	5,177
61	86	45 915	3 625,083	19 176,672	5,290	4,825
62	87	41 459	3 139,798	15 551,590	4,953	4,488
63	88	36 870	2 678,411	12 411,792	4,634	4,169
64	89	32 235	2 246,273	9 733,381	4,333	3,868
65	90	27 660	1 848,894	7 487,108	4,050	3,584
66	91	23 217	1 488,652	5 638,213	3,787	3,322
67	92	19 004	1 168,850	4 149,562	3,550	3,085
68	93	15 163	894,578	2 980,712	3,332	2,867
69	94	11 764	665,767	2 086,134	3,133	2,668
70	95	8 866	481,263	1 420,368	2,951	2,486
71	96	6 477	337,257	939,105	2,785	2,319
72	97	4 513	225,403	601,848	2,670	2,205
73	98	3 080	147,593	376,446	2,551	2,085
74	99	2 055	94,451	228,853	2,423	1,958
75	100	1 320	58,204	134,402	2,309	1,844

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1	0	99 644	95 581,557	2 204 868,894	23,068	22,603
2	1	99 317	91 384,136	2 109 287,336	23,082	22,616
3	2	99 277	87 623,228	2 017 903,201	23,029	22,564
4	3	99 254	84 031,462	1 930 279,973	22,971	22,506
5	4	99 233	80 588,819	1 846 248,511	22,909	22,444
6	5	99 213	77 288,262	1 765 659,692	22,845	22,380
7	6	99 195	74 124,078	1 688 371,430	22,778	22,312
8	7	99 178	71 089,820	1 614 247,351	22,707	22,242
9	8	99 165	68 182,674	1 543 157,531	22,633	22,167
10	9	99 150	65 393,255	1 474 974,857	22,555	22,090
11	10	99 136	62 718,536	1 409 581,602	22,475	22,010
12	11	99 123	60 153,490	1 346 863,066	22,390	21,925
13	12	99 108	57 692,756	1 286 709,577	22,303	21,838
14	13	99 091	55 331,121	1 229 016,821	22,212	21,747
15	14	99 068	53 063,216	1 173 685,700	22,119	21,653
16	15	99 043	50 887,138	1 120 622,484	22,022	21,557
17	16	99 007	48 794,585	1 069 735,347	21,923	21,458
18	17	98 965	46 785,607	1 020 940,762	21,822	21,356
19	18	98 914	44 854,975	974 155,155	21,718	21,253
20	19	98 855	43 000,772	929 300,179	21,611	21,146
21	20	98 795	41 222,724	886 299,408	21,500	21,035
22	21	98 736	39 518,849	845 076,684	21,384	20,919
23	22	98 675	37 884,323	805 557,835	21,264	20,798
24	23	98 619	36 319,082	767 673,512	21,137	20,672
25	24	98 554	34 815,638	731 354,430	21,006	20,541
26	25	98 493	33 375,664	696 538,793	20,870	20,404
27	26	98 430	31 994,247	663 163,129	20,728	20,262
28	27	98 366	30 669,979	631 168,882	20,579	20,114
29	28	98 297	29 399,052	600 498,903	20,426	19,961
30	29	98 222	28 179,177	571 099,851	20,267	19,802
31	30	98 142	27 008,220	542 920,674	20,102	19,637
32	31	98 050	25 882,999	515 912,453	19,932	19,467
33	32	97 957	24 804,285	490 029,454	19,756	19,291
34	33	97 852	23 767,524	465 225,169	19,574	19,109
35	34	97 742	22 772,831	441 457,645	19,385	18,920
36	35	97 623	21 818,056	418 684,813	19,190	18,725
37	36	97 499	20 901,986	396 866,757	18,987	18,522
38	37	97 359	20 021,037	375 964,772	18,778	18,313
39	38	97 209	19 175,221	355 943,735	18,563	18,097
40	39	97 042	18 361,924	336 768,514	18,341	17,875
41	40	96 864	17 580,980	318 406,590	18,111	17,646
42	41	96 668	16 830,208	300 825,610	17,874	17,409
43	42	96 458	16 108,891	283 995,402	17,630	17,165
44	43	96 233	15 416,135	267 886,511	17,377	16,912
45	44	95 972	14 747,667	252 470,376	17,119	16,654
46	45	95 691	14 105,031	237 722,709	16,854	16,389
47	46	95 373	13 484,966	223 617,677	16,583	16,118
48	47	95 031	12 888,878	210 132,711	16,303	15,838
49	48	94 649	12 313,705	197 243,833	16,018	15,553
50	49	94 217	11 757,839	184 930,128	15,728	15,263
51	50	93 740	11 221,360	173 172,289	15,432	14,967
52	51	93 220	10 704,173	161 950,928	15,130	14,664
53	52	92 635	10 203,366	151 246,755	14,823	14,358
54	53	91 985	9 718,700	141 043,389	14,513	14,047
55	54	91 261	9 249,123	131 324,688	14,199	13,733
56	55	90 459	8 794,127	122 075,565	13,881	13,416
57	56	89 572	8 352,848	113 281,438	13,562	13,097
58	57	88 597	7 925,126	104 928,590	13,240	12,775
59	58	87 529	7 510,445	97 003,464	12,916	12,451
60	59	86 370	7 108,824	89 493,019	12,589	12,124
61	60	85 118	6 720,199	82 384,195	12,259	11,794
62	61	83 753	6 342,835	75 663,996	11,929	11,464
63	62	82 282	5 977,419	69 321,161	11,597	11,132
64	63	80 716	5 624,606	63 343,741	11,262	10,797
65	64	79 029	5 282,515	57 719,136	10,926	10,461
66	65	77 229	4 951,739	52 436,620	10,590	10,124
67	66	75 341	4 633,763	47 484,882	10,248	9,782
68	67	73 337	4 326,620	42 851,119	9,904	9,439
69	68	71 248	4 032,035	38 524,498	9,555	9,089
70	69	69 015	3 746,430	34 492,464	9,207	8,742
71	70	66 696	3 472,951	30 746,033	8,853	8,388
72	71	64 233	3 208,348	27 273,082	8,501	8,035
73	72	61 694	2 955,906	24 064,734	8,141	7,676
74	73	59 033	2 713,099	21 108,828	7,780	7,315
75	74	56 259	2 480,199	18 395,729	7,417	6,952
76	75	53 397	2 258,076	15 915,530	7,048	6,583
77	76	50 424	2 045,396	13 657,454	6,677	6,212
78	77	47 328	1 841,574	11 612,058	6,306	5,840
79	78	44 101	1 646,051	9 770,484	5,936	5,470
80	79	40 726	1 458,109	8 124,433	5,572	5,107
81	80	37 221	1 278,290	6 666,324	5,215	4,750
82	81	33 550	1 105,227	5 388,034	4,875	4,410
83	82	29 784	941,188	4 282,808	4,550	4,085
84	83	26 007	788,323	3 341,620	4,239	3,774
85	84	22 275	647,681	2 553,297	3,942	3,477
86	85	18 644	519,995	1 905,616	3,665	3,199
87	86	15 197	406,583	1 385,621	3,408	2,943
88	87	12 040	308,977	979,038	3,169	2,703
89	88	9 225	227,091	670,062	2,951	2,485
90	89	6 822	161,096	442,971	2,750	2,285
91	90	4 860	110,092	281,875	2,560	2,095
92	91	3 319	72,107	171,783	2,382	1,917
93	92	2 140	44,597	99,676	2,235	1,770
94	93	1 315	26,297	55,080	2,095	1,629
95	94	760	14,566	28,783	1,976	1,511
96	95	415	7,635	14,217	1,862	1,397
97	96	210	3,709	6,581	1,775	1,309
98	97	100	1,686	2,873	1,704	1,239
99	98	45	0,725	1,187	1,638	1,173
100	99	19	0,294	0,463	1,572	1,107

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 616	91 659,604	2 111 396,469	23,035	22,570
3	1	99 301	87 644,959	2 019 736,865	23,045	22,579
4	2	99 266	84 041,902	1 932 091,906	22,990	22,524
5	3	99 243	80 597,131	1 848 050,004	22,929	22,464
6	4	99 223	77 295,658	1 767 452,873	22,866	22,401
7	5	99 204	74 130,682	1 690 157,215	22,800	22,334
8	6	99 187	71 096,109	1 616 026,533	22,730	22,265
9	7	99 170	68 185,842	1 544 930,424	22,658	22,192
10	8	99 157	65 397,812	1 476 744,582	22,581	22,116
11	9	99 142	62 722,373	1 411 346,770	22,501	22,036
12	10	99 129	60 157,009	1 348 624,397	22,418	21,953
13	11	99 116	57 697,217	1 288 467,389	22,332	21,866
14	12	99 099	55 335,466	1 230 770,172	22,242	21,777
15	13	99 078	53 068,216	1 175 434,705	22,150	21,684
16	14	99 052	50 891,830	1 122 366,490	22,054	21,589
17	15	99 019	48 800,522	1 071 474,660	21,956	21,491
18	16	98 980	46 792,497	1 022 674,137	21,856	21,390
19	17	98 927	44 861,084	975 881,640	21,753	21,288
20	18	98 874	43 009,245	931 020,556	21,647	21,182
21	19	98 812	41 229,930	888 011,311	21,538	21,073
22	20	98 755	39 526,156	846 781,381	21,423	20,958
23	21	98 692	37 890,571	807 255,224	21,305	20,840
24	22	98 635	36 324,996	769 364,653	21,180	20,715
25	23	98 572	34 821,904	733 039,657	21,051	20,586
26	24	98 511	33 381,670	698 217,753	20,916	20,451
27	25	98 448	32 000,335	664 836,083	20,776	20,311
28	26	98 384	30 675,752	632 835,748	20,630	20,165
29	27	98 318	29 405,380	602 159,997	20,478	20,013
30	28	98 245	28 185,819	572 754,617	20,321	19,855
31	29	98 167	27 015,211	544 568,798	20,158	19,693
32	30	98 081	25 891,210	517 553,587	19,990	19,524
33	31	97 988	24 812,076	491 662,377	19,815	19,350
34	32	97 886	23 775,670	466 850,301	19,636	19,170
35	33	97 777	22 781,040	443 074,630	19,449	18,984
36	34	97 663	21 826,918	420 293,590	19,256	18,791
37	35	97 540	20 910,603	398 466,673	19,056	18,591
38	36	97 404	20 030,221	377 556,069	18,849	18,384
39	37	97 255	19 184,327	357 525,849	18,636	18,171
40	38	97 101	18 373,007	338 341,522	18,415	17,950
41	39	96 922	17 591,555	319 968,514	18,189	17,724
42	40	96 735	16 841,756	302 376,959	17,954	17,489
43	41	96 529	16 120,825	285 535,202	17,712	17,247
44	42	96 309	15 428,381	269 414,378	17,462	16,997
45	43	96 060	14 761,071	253 985,996	17,206	16,741
46	44	95 784	14 118,735	239 224,925	16,944	16,479
47	45	95 483	13 500,522	225 106,191	16,674	16,209
48	46	95 147	12 904,590	211 605,668	16,398	15,932
49	47	94 779	12 330,601	198 701,078	16,114	15,649
50	48	94 368	11 776,612	186 370,477	15,825	15,360
51	49	93 904	11 241,011	174 593,865	15,532	15,067
52	50	93 393	10 724,047	163 352,855	15,232	14,767
53	51	92 834	10 225,276	152 628,808	14,927	14,461
54	52	92 200	9 741,427	142 403,532	14,618	14,153
55	53	91 496	9 272,933	132 662,105	14,306	13,841
56	54	90 721	8 819,604	123 389,172	13,990	13,525
57	55	89 863	8 380,045	114 569,567	13,672	13,206
58	56	88 915	7 953,575	106 189,523	13,351	12,886
59	57	87 874	7 540,033	98 235,947	13,029	12,563
60	58	86 747	7 139,878	90 695,914	12,703	12,238
61	59	85 521	6 751,977	83 556,036	12,375	11,910
62	60	84 197	6 376,477	76 804,059	12,045	11,580
63	61	82 753	6 011,601	70 427,582	11,715	11,250
64	62	81 214	5 659,322	64 415,981	11,382	10,917
65	63	79 566	5 318,409	58 756,659	11,048	10,583
66	64	77 810	4 989,020	53 438,250	10,711	10,246
67	65	75 946	4 670,993	48 449,230	10,372	9,907
68	66	73 985	4 364,866	43 778,238	10,030	9,564
69	67	71 930	4 070,633	39 413,372	9,682	9,217
70	68	69 745	3 786,054	35 342,738	9,335	8,870
71	69	67 476	3 513,549	31 556,684	8,981	8,516
72	70	65 053	3 249,285	28 043,136	8,631	8,165
73	71	62 551	2 996,970	24 793,850	8,273	7,808
74	72	59 921	2 753,894	21 796,881	7,915	7,450
75	73	57 198	2 521,594	19 042,986	7,552	7,087
76	74	54 367	2 299,099	16 521,392	7,186	6,721
77	75	51 412	2 085,503	14 222,293	6,820	6,354
78	76	48 372	1 882,165	12 136,790	6,448	5,983
79	77	45 176	1 686,176	10 254,626	6,082	5,616
80	78	41 876	1 499,260	8 568,449	5,715	5,250
81	79	38 428	1 319,749	7 069,189	5,356	4,891
82	80	34 819	1 147,050	5 749,440	5,012	4,547
83	81	31 112	983,143	4 602,390	4,681	4,216
84	82	27 358	829,271	3 619,248	4,364	3,899
85	83	23 615	686,620	2 789,976	4,063	3,598
86	84	19 944	556,241	2 103,356	3,781	3,316
87	85	16 450	440,084	1 547,115	3,515	3,050
88	86	13 190	338,486	1 107,031	3,271	2,805
89	87	10 249	252,308	768,545	3,046	2,581
90	88	7 702	181,866	516,237	2,839	2,373
91	89	5 584	126,472	334,372	2,644	2,179
92	90	3 893	84,580	207,899	2,458	1,993
93	91	2 571	53,578	123,319	2,302	1,836
94	92	1 619	32,366	69,741	2,155	1,690
95	93	960	18,414	37,375	2,030	1,565
96	94	539	9,918	18,962	1,912	1,447
97	95	281	4,963	9,043	1,822	1,357
98	96	139	2,360	4,080	1,729	1,264
99	97	64	1,034	1,720	1,664	1,199
100	98	27	0,428	0,687	1,604	1,138

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3	0	99 601	87 909,156	2 021 689,015	22,997	22,532
4	1	99 291	84 062,744	1 933 779,859	23,004	22,539
5	2	99 255	80 607,145	1 849 717,115	22,947	22,482
6	3	99 233	77 303,630	1 769 109,970	22,885	22,420
7	4	99 214	74 137,776	1 691 806,340	22,820	22,355
8	5	99 196	71 102,443	1 617 668,564	22,751	22,286
9	6	99 178	68 191,874	1 546 566,121	22,680	22,214
10	7	99 162	65 400,850	1 478 374,247	22,605	22,140
11	8	99 149	62 726,744	1 412 973,396	22,526	22,061
12	9	99 135	60 160,689	1 350 246,653	22,444	21,979
13	10	99 122	57 700,592	1 290 085,964	22,358	21,893
14	11	99 106	55 339,746	1 232 385,372	22,269	21,804
15	12	99 085	53 072,383	1 177 045,626	22,178	21,713
16	13	99 062	50 896,625	1 123 973,243	22,083	21,618
17	14	99 028	48 805,022	1 073 076,618	21,987	21,522
18	15	98 992	46 798,191	1 024 271,596	21,887	21,422
19	16	98 942	44 867,691	977 473,405	21,786	21,320
20	17	98 888	43 015,102	932 605,714	21,681	21,216
21	18	98 832	41 238,055	889 590,612	21,572	21,107
22	19	98 772	39 533,066	848 352,557	21,459	20,994
23	20	98 710	37 897,578	808 819,490	21,342	20,877
24	21	98 651	36 330,987	770 921,913	21,219	20,754
25	22	98 588	34 827,574	734 590,926	21,092	20,627
26	23	98 529	33 387,679	699 763,352	20,959	20,494
27	24	98 466	32 006,094	666 375,673	20,820	20,355
28	25	98 403	30 681,588	634 369,579	20,676	20,211
29	26	98 336	29 410,915	603 687,991	20,526	20,061
30	27	98 267	28 191,885	574 277,076	20,370	19,905
31	28	98 190	27 021,578	546 085,191	20,209	19,744
32	29	98 107	25 897,912	519 063,613	20,043	19,577
33	30	98 019	24 819,947	493 165,701	19,870	19,405
34	31	97 916	23 783,138	468 345,753	19,692	19,227
35	32	97 810	22 788,848	444 562,615	19,508	19,043
36	33	97 698	21 834,785	421 773,767	19,317	18,851
37	34	97 579	20 919,096	399 938,982	19,118	18,653
38	35	97 444	20 038,479	379 019,885	18,915	18,449
39	36	97 300	19 193,127	358 981,406	18,704	18,238
40	37	97 147	18 381,733	339 788,279	18,485	18,020
41	38	96 981	17 602,174	321 406,546	18,259	17,794
42	39	96 793	16 851,887	303 804,372	18,028	17,563
43	40	96 595	16 131,886	286 952,486	17,788	17,323
44	41	96 380	15 439,811	270 820,599	17,540	17,075
45	42	96 136	14 772,797	255 380,789	17,287	16,822
46	43	95 871	14 131,567	240 607,991	17,026	16,561
47	44	95 576	13 513,638	226 476,424	16,759	16,294
48	45	95 257	12 919,476	212 962,786	16,484	16,019
49	46	94 894	12 345,632	200 043,310	16,204	15,738
50	47	94 497	11 792,771	187 697,678	15,916	15,451
51	48	94 054	11 258,958	175 904,906	15,624	15,158
52	49	93 556	10 742,826	164 645,948	15,326	14,861
53	50	93 006	10 244,261	153 903,122	15,023	14,558
54	51	92 398	9 762,344	143 658,861	14,716	14,250
55	52	91 710	9 294,617	133 896,517	14,406	13,941
56	53	90 955	8 842,308	124 601,900	14,092	13,626
57	54	90 124	8 404,322	115 759,591	13,774	13,309
58	55	89 204	7 979,472	107 355,269	13,454	12,989
59	56	88 190	7 567,100	99 375,797	13,133	12,667
60	57	87 089	7 168,007	91 808,696	12,808	12,343
61	58	85 894	6 781,472	84 640,689	12,481	12,016
62	59	84 595	6 406,629	77 859,217	12,153	11,688
63	60	83 192	6 043,486	71 452,588	11,823	11,358
64	61	81 679	5 691,685	65 409,103	11,492	11,027
65	62	80 057	5 351,236	59 717,418	11,160	10,694
66	63	78 339	5 022,919	54 366,182	10,824	10,358
67	64	76 518	4 706,160	49 343,263	10,485	10,020
68	65	74 579	4 399,935	44 637,103	10,145	9,680
69	66	72 566	4 106,616	40 237,168	9,798	9,333
70	67	70 412	3 822,298	36 130,552	9,453	8,987
71	68	68 189	3 550,709	32 308,254	9,099	8,634
72	69	65 813	3 287,268	28 757,545	8,748	8,283
73	70	63 349	3 035,210	25 470,276	8,392	7,926
74	71	60 753	2 792,152	22 435,067	8,035	7,570
75	72	58 058	2 559,510	19 642,915	7,674	7,209
76	73	55 275	2 337,471	17 083,405	7,308	6,843
77	74	52 346	2 123,391	14 745,934	6,945	6,479
78	75	49 320	1 919,071	12 622,543	6,577	6,112
79	76	46 172	1 723,342	10 703,472	6,211	5,746
80	77	42 896	1 535,807	8 980,130	5,847	5,382
81	78	39 513	1 356,996	7 444,323	5,486	5,021
82	79	35 949	1 184,253	6 087,327	5,140	4,675
83	80	32 289	1 020,346	4 903,075	4,805	4,340
84	81	28 578	866,237	3 882,729	4,482	4,017
85	82	24 841	722,286	3 016,492	4,176	3,711
86	83	21 143	589,683	2 294,206	3,891	3,425
87	84	17 596	470,760	1 704,523	3,621	3,156
88	85	14 276	366,376	1 233,762	3,367	2,902
89	86	11 228	276,405	867,386	3,138	2,673
90	87	8 557	202,061	590,982	2,925	2,460
91	88	6 304	142,778	388,921	2,724	2,259
92	89	4 472	97,165	246,143	2,533	2,068
93	90	3 015	62,847	148,979	2,371	1,905
94	91	1 945	38,884	86,132	2,215	1,750
95	92	1 182	22,663	47,248	2,085	1,620
96	93	682	12,539	24,585	1,961	1,496
97	94	365	6,447	12,046	1,869	1,403
98	95	187	3,158	5,600	1,773	1,308
99	96	89	1,447	2,441	1,687	1,222
100	97	39	0,611	0,994	1,628	1,162

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4	0	99 590	84 316,143	1 935 585,451	22,956	22,491
5	1	99 280	80 627,135	1 851 269,308	22,961	22,496
6	2	99 245	77 313,235	1 770 642,172	22,902	22,437
7	3	99 224	74 145,422	1 693 328,938	22,838	22,373
8	4	99 205	71 109,247	1 619 183,515	22,770	22,305
9	5	99 187	68 197,949	1 548 074,268	22,700	22,235
10	6	99 170	65 406,636	1 479 876,319	22,626	22,161
11	7	99 154	62 729,658	1 414 469,683	22,549	22,083
12	8	99 142	60 164,881	1 351 740,025	22,467	22,002
13	9	99 128	57 704,122	1 291 575,144	22,383	21,918
14	10	99 112	55 342,983	1 233 871,021	22,295	21,830
15	11	99 093	53 076,487	1 178 528,038	22,204	21,739
16	12	99 070	50 900,622	1 125 451,551	22,111	21,646
17	13	99 037	48 809,621	1 074 550,929	22,015	21,550
18	14	99 001	46 802,506	1 025 741,308	21,916	21,451
19	15	98 954	44 873,150	978 938,802	21,816	21,350
20	16	98 902	43 021,437	934 065,652	21,712	21,246
21	17	98 845	41 243,671	891 044,215	21,604	21,139
22	18	98 791	39 540,857	849 800,544	21,492	21,026
23	19	98 727	37 904,203	810 259,687	21,377	20,911
24	20	98 670	36 337,705	772 355,484	21,255	20,790
25	21	98 604	34 833,318	736 017,780	21,130	20,664
26	22	98 545	33 393,115	701 184,461	20,998	20,533
27	23	98 484	32 011,855	667 791,346	20,861	20,396
28	24	98 421	30 687,110	635 779,491	20,718	20,253
29	25	98 355	29 416,510	605 092,381	20,570	20,105
30	26	98 285	28 197,192	575 675,871	20,416	19,951
31	27	98 211	27 027,394	547 478,679	20,256	19,791
32	28	98 130	25 904,016	520 451,284	20,092	19,626
33	29	98 045	24 826,372	494 547,269	19,920	19,455
34	30	97 947	23 790,683	469 720,897	19,744	19,279
35	31	97 841	22 796,006	445 930,214	19,562	19,097
36	32	97 732	21 842,269	423 134,208	19,372	18,907
37	33	97 614	20 926,637	401 291,939	19,176	18,711
38	34	97 484	20 046,618	380 365,302	18,974	18,509
39	35	97 340	19 201,040	360 318,684	18,766	18,300
40	36	97 191	18 390,164	341 117,643	18,549	18,084
41	37	97 027	17 610,533	322 727,479	18,326	17,861
42	38	96 851	16 862,059	305 116,946	18,095	17,630
43	39	96 653	16 141,590	288 254,887	17,858	17,393
44	40	96 447	15 450,405	272 113,297	17,612	17,147
45	41	96 207	14 783,741	256 662,892	17,361	16,896
46	42	95 948	14 142,793	241 879,151	17,103	16,637
47	43	95 663	13 525,921	227 736,358	16,837	16,372
48	44	95 349	12 932,028	214 210,438	16,564	16,099
49	45	95 004	12 359,874	201 278,410	16,285	15,820
50	46	94 612	11 807,147	188 918,536	16,000	15,535
51	47	94 183	11 274,407	177 111,389	15,709	15,244
52	48	93 706	10 759,978	165 836,982	15,412	14,947
53	49	93 169	10 262,200	155 077,004	15,111	14,646
54	50	92 569	9 780,470	144 814,804	14,807	14,341
55	51	91 907	9 314,576	135 034,334	14,497	14,032
56	52	91 167	8 862,985	125 719,759	14,185	13,720
57	53	90 356	8 425,958	116 856,773	13,869	13,403
58	54	89 463	8 002,589	108 430,816	13,549	13,084
59	55	88 477	7 591,739	100 428,227	13,229	12,763
60	56	87 401	7 193,738	92 836,487	12,905	12,440
61	57	86 233	6 808,188	85 642,749	12,579	12,114
62	58	84 965	6 434,616	78 834,561	12,252	11,786
63	59	83 585	6 072,063	72 399,945	11,923	11,458
64	60	82 112	5 721,873	66 327,882	11,592	11,127
65	61	80 515	5 381,836	60 606,009	11,261	10,796
66	62	78 822	5 053,922	55 224,173	10,927	10,462
67	63	77 038	4 738,138	50 170,251	10,589	10,123
68	64	75 141	4 433,062	45 432,113	10,248	9,783
69	65	73 149	4 139,611	40 999,051	9,904	9,439
70	66	71 035	3 856,085	36 859,441	9,559	9,094
71	67	68 842	3 584,700	33 003,355	9,207	8,742
72	68	66 509	3 322,036	29 418,655	8,856	8,390
73	69	64 090	3 070,690	26 096,620	8,499	8,033
74	70	61 528	2 827,778	23 025,929	8,143	7,678
75	71	58 864	2 595,067	20 198,151	7,783	7,318
76	72	56 106	2 372,618	17 603,084	7,419	6,954
77	73	53 220	2 158,831	15 230,466	7,055	6,590
78	74	50 216	1 953,936	13 071,635	6,690	6,225
79	75	47 078	1 757,134	11 117,700	6,327	5,862
80	76	43 842	1 569,658	9 360,566	5,963	5,498
81	77	40 476	1 390,074	7 790,907	5,605	5,139
82	78	36 963	1 217,675	6 400,833	5,257	4,791
83	79	33 337	1 053,439	5 183,158	4,920	4,455
84	80	29 659	899,016	4 129,718	4,594	4,128
85	81	25 949	754,483	3 230,702	4,282	3,817
86	82	22 241	620,314	2 476,219	3,992	3,527
87	83	18 654	499,063	1 855,906	3,719	3,254
88	84	15 272	391,914	1 356,843	3,462	2,997
89	85	12 154	299,179	964,929	3,225	2,760
90	86	9 374	221,359	665,749	3,008	2,542
91	87	7 003	158,632	444,390	2,801	2,336
92	88	5 049	109,692	285,758	2,605	2,140
93	89	3 464	72,198	176,066	2,439	1,973
94	90	2 281	45,610	103,869	2,277	1,812
95	91	1 420	27,227	58,259	2,140	1,674
96	92	839	15,432	31,031	2,011	1,546
97	93	462	8,150	15,599	1,914	1,449
98	94	242	4,103	7,449	1,816	1,350
99	95	119	1,936	3,346	1,728	1,263
100	96	55	0,855	1,410	1,649	1,183

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5	0	99 579	80 870,178	1 852 938,435	22,913	22,447
6	1	99 270	77 332,408	1 772 068,257	22,915	22,450
7	2	99 236	74 154,634	1 694 735,849	22,854	22,389
8	3	99 215	71 116,581	1 620 581,215	22,788	22,322
9	4	99 197	68 204,476	1 549 464,634	22,718	22,253
10	5	99 179	65 412,463	1 481 260,158	22,645	22,180
11	6	99 163	62 735,207	1 415 847,695	22,569	22,103
12	7	99 146	60 167,677	1 353 112,488	22,489	22,024
13	8	99 135	57 708,144	1 292 944,811	22,405	21,940
14	9	99 118	55 346,369	1 235 236,667	22,318	21,853
15	10	99 099	53 079,592	1 179 890,299	22,229	21,763
16	11	99 077	50 904,558	1 126 810,707	22,136	21,671
17	12	99 045	48 813,454	1 075 906,148	22,041	21,576
18	13	99 010	46 806,916	1 027 092,694	21,943	21,478
19	14	98 963	44 877,288	980 285,778	21,844	21,378
20	15	98 914	43 026,672	935 408,490	21,740	21,275
21	16	98 860	41 249,745	892 381,818	21,634	21,168
22	17	98 805	39 546,241	851 132,073	21,522	21,057
23	18	98 747	37 911,672	811 585,832	21,407	20,942
24	19	98 687	36 344,057	773 674,160	21,288	20,822
25	20	98 623	34 839,760	737 330,103	21,163	20,698
26	21	98 561	33 398,623	702 490,343	21,034	20,568
27	22	98 500	32 017,067	669 091,720	20,898	20,433
28	23	98 438	30 692,634	637 074,653	20,757	20,291
29	24	98 373	29 421,805	606 382,019	20,610	20,145
30	25	98 304	28 202,557	576 960,215	20,458	19,993
31	26	98 230	27 032,482	548 757,658	20,300	19,835
32	27	98 151	25 909,591	521 725,176	20,136	19,671
33	28	98 068	24 832,223	495 815,585	19,967	19,501
34	29	97 973	23 796,841	470 983,362	19,792	19,327
35	30	97 872	22 803,238	447 186,521	19,611	19,145
36	31	97 763	21 849,130	424 383,284	19,423	18,958
37	32	97 648	20 933,810	402 534,154	19,229	18,764
38	33	97 519	20 053,844	381 600,344	19,029	18,564
39	34	97 380	19 208,839	361 546,500	18,822	18,357
40	35	97 232	18 397,747	342 337,661	18,608	18,142
41	36	97 071	17 618,611	323 939,914	18,386	17,921
42	37	96 897	16 870,066	306 321,303	18,158	17,692
43	38	96 712	16 151,333	289 451,237	17,921	17,456
44	39	96 505	15 459,699	273 299,904	17,678	17,213
45	40	96 273	14 793,885	257 840,205	17,429	16,964
46	41	96 019	14 153,270	243 046,320	17,172	16,707
47	42	95 739	13 536,665	228 893,050	16,909	16,444
48	43	95 436	12 943,782	215 356,384	16,638	16,173
49	44	95 096	12 371,882	202 412,603	16,361	15,895
50	45	94 722	11 820,767	190 040,721	16,077	15,612
51	46	94 298	11 288,151	178 219,954	15,788	15,323
52	47	93 834	10 774,743	166 931,803	15,493	15,028
53	48	93 318	10 278,584	156 157,060	15,192	14,727
54	49	92 731	9 797,596	145 878,476	14,889	14,424
55	50	92 077	9 331,870	136 080,880	14,582	14,117
56	51	91 363	8 882,017	126 749,010	14,270	13,805
57	52	90 567	8 445,661	117 866,993	13,956	13,491
58	53	89 693	8 023,190	109 421,332	13,638	13,173
59	54	88 733	7 613,733	101 398,142	13,318	12,853
60	55	87 686	7 217,161	93 784,409	12,995	12,529
61	56	86 542	6 832,628	86 567,248	12,670	12,204
62	57	85 299	6 459,965	79 734,620	12,343	11,878
63	58	83 950	6 098,588	73 274,654	12,015	11,550
64	59	82 500	5 748,929	67 176,066	11,685	11,220
65	60	80 942	5 410,381	61 427,136	11,354	10,888
66	61	79 273	5 082,822	56 016,755	11,021	10,556
67	62	77 513	4 767,383	50 933,933	10,684	10,219
68	63	75 651	4 463,184	46 166,550	10,344	9,879
69	64	73 700	4 170,777	41 703,367	9,999	9,534
70	65	71 606	3 887,067	37 532,589	9,656	9,191
71	66	69 451	3 616,387	33 645,522	9,304	8,838
72	67	67 146	3 353,837	30 029,135	8,954	8,488
73	68	64 768	3 103,167	26 675,297	8,596	8,131
74	69	62 247	2 860,834	23 572,130	8,240	7,774
75	70	59 616	2 628,179	20 711,296	7,880	7,415
76	71	56 885	2 405,579	18 083,118	7,517	7,052
77	72	54 020	2 191,291	15 677,539	7,154	6,689
78	73	51 054	1 986,547	13 486,247	6,789	6,324
79	74	47 933	1 789,056	11 499,700	6,428	5,963
80	75	44 702	1 600,437	9 710,644	6,067	5,602
81	76	41 368	1 420,714	8 110,207	5,709	5,243
82	77	37 864	1 247,358	6 689,493	5,363	4,898
83	78	34 278	1 083,170	5 442,135	5,024	4,559
84	79	30 621	928,174	4 358,965	4,696	4,231
85	80	26 931	783,033	3 430,791	4,381	3,916
86	81	23 232	647,965	2 647,757	4,086	3,621
87	82	19 623	524,986	1 999,792	3,809	3,344
88	83	16 190	415,477	1 474,807	3,550	3,084
89	84	13 001	320,034	1 059,330	3,310	2,845
90	85	10 147	239,598	739,296	3,086	2,620
91	86	7 672	173,783	499,698	2,875	2,410
92	87	5 609	121,872	325,915	2,674	2,209
93	88	3 911	81,506	204,043	2,503	2,038
94	89	2 621	52,396	122,537	2,339	1,873
95	90	1 665	31,937	70,141	2,196	1,731
96	91	1 008	18,540	38,203	2,061	1,595
97	92	568	10,031	19,663	1,960	1,495
98	93	306	5,186	9,632	1,857	1,392
99	94	155	2,515	4,446	1,768	1,302
100	95	73	1,145	1,931	1,687	1,222

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	77 565,519	1 773 610,634	22,866	22,401
7	1	99 261	74 173,025	1 696 045,115	22,866	22,401
8	2	99 228	71 125,417	1 621 872,090	22,803	22,338
9	3	99 207	68 211,510	1 550 746,674	22,734	22,269
10	4	99 189	65 418,723	1 482 535,163	22,662	22,197
11	5	99 171	62 740,796	1 417 116,441	22,587	22,122
12	6	99 155	60 172,999	1 354 375,644	22,508	22,043
13	7	99 139	57 710,825	1 294 202,645	22,426	21,960
14	8	99 125	55 350,226	1 236 491,820	22,339	21,874
15	9	99 105	53 082,839	1 181 141,595	22,251	21,786
16	10	99 083	50 907,536	1 128 058,755	22,159	21,694
17	11	99 053	48 817,229	1 077 151,219	22,065	21,600
18	12	99 018	46 810,592	1 028 333,990	21,968	21,503
19	13	98 972	44 881,517	981 523,398	21,869	21,404
20	14	98 923	43 030,640	936 641,882	21,767	21,302
21	15	98 872	41 254,764	893 611,242	21,661	21,196
22	16	98 819	39 552,065	852 356,478	21,550	21,085
23	17	98 760	37 916,835	812 804,413	21,437	20,971
24	18	98 706	36 351,219	774 887,578	21,317	20,851
25	19	98 640	34 845,850	738 536,359	21,194	20,729
26	20	98 579	33 404,799	703 690,508	21,066	20,600
27	21	98 516	32 022,348	670 285,710	20,932	20,467
28	22	98 454	30 697,631	638 263,362	20,792	20,327
29	23	98 391	29 427,100	607 565,731	20,646	20,181
30	24	98 322	28 207,632	578 138,630	20,496	20,031
31	25	98 249	27 037,625	549 930,998	20,339	19,874
32	26	98 169	25 914,468	522 893,373	20,178	19,712
33	27	98 089	24 837,568	496 978,905	20,009	19,544
34	28	97 996	23 802,450	472 141,337	19,836	19,371
35	29	97 897	22 809,140	448 338,887	19,656	19,191
36	30	97 794	21 856,061	425 529,747	19,470	19,004
37	31	97 679	20 940,385	403 673,686	19,277	18,812
38	32	97 552	20 060,717	382 733,302	19,079	18,614
39	33	97 415	19 215,763	362 672,584	18,874	18,408
40	34	97 271	18 405,219	343 456,821	18,661	18,196
41	35	97 111	17 625,875	325 051,602	18,442	17,977
42	36	96 942	16 877,805	307 425,727	18,215	17,750
43	37	96 758	16 159,003	290 547,922	17,981	17,515
44	38	96 563	15 469,030	274 388,919	17,738	17,273
45	39	96 331	14 802,784	258 919,888	17,491	17,026
46	40	96 085	14 162,982	244 117,105	17,236	16,771
47	41	95 809	13 546,693	229 954,123	16,975	16,510
48	42	95 512	12 954,064	216 407,429	16,706	16,241
49	43	95 183	12 383,126	203 453,365	16,430	15,965
50	44	94 814	11 832,251	191 070,239	16,148	15,683
51	45	94 407	11 301,172	179 237,988	15,860	15,395
52	46	93 949	10 787,877	167 936,816	15,567	15,102
53	47	93 446	10 292,688	157 148,938	15,268	14,803
54	48	92 879	9 813,239	146 856,250	14,965	14,500
55	49	92 238	9 348,211	137 043,011	14,660	14,195
56	50	91 533	8 898,508	127 694,800	14,350	13,885
57	51	90 761	8 463,796	118 796,292	14,036	13,571
58	52	89 903	8 041,952	110 332,496	13,720	13,254
59	53	88 961	7 633,333	102 290,544	13,401	12,935
60	54	87 940	7 238,070	94 657,211	13,078	12,612
61	55	86 824	6 854,875	87 419,141	12,753	12,288
62	56	85 606	6 483,155	80 564,266	12,427	11,961
63	57	84 281	6 122,614	74 081,110	12,100	11,634
64	58	82 861	5 774,043	67 958,496	11,770	11,304
65	59	81 324	5 435,965	62 184,453	11,439	10,974
66	60	79 693	5 109,781	56 748,488	11,106	10,641
67	61	77 957	4 794,645	51 638,707	10,770	10,305
68	62	76 118	4 490,732	46 844,062	10,431	9,966
69	63	74 200	4 199,117	42 353,331	10,086	9,621
70	64	72 145	3 916,332	38 154,214	9,742	9,277
71	65	70 009	3 645,443	34 237,881	9,392	8,927
72	66	67 739	3 383,484	30 592,438	9,042	8,576
73	67	65 388	3 132,874	27 208,954	8,685	8,220
74	68	62 906	2 891,091	24 076,081	8,328	7,862
75	69	60 312	2 658,901	21 184,989	7,968	7,502
76	70	57 611	2 436,273	18 526,088	7,604	7,139
77	71	54 771	2 221,733	16 089,815	7,242	6,777
78	72	51 822	2 016,417	13 868,082	6,878	6,412
79	73	48 733	1 818,916	11 851,664	6,516	6,051
80	74	45 514	1 629,513	10 032,749	6,157	5,692
81	75	42 179	1 448,572	8 403,236	5,801	5,336
82	76	38 699	1 274,852	6 954,664	5,455	4,990
83	77	35 113	1 109,574	5 679,813	5,119	4,654
84	78	31 485	954,370	4 570,239	4,789	4,324
85	79	27 804	808,430	3 615,869	4,473	4,007
86	80	24 111	672,485	2 807,439	4,175	3,710
87	81	20 498	548,388	2 134,954	3,893	3,428
88	82	17 031	437,058	1 586,567	3,630	3,165
89	83	13 782	339,275	1 149,509	3,388	2,923
90	84	10 854	256,300	810,234	3,161	2,696
91	85	8 305	188,102	553,934	2,945	2,480
92	86	6 145	133,512	365,833	2,740	2,275
93	87	4 345	90,556	232,321	2,565	2,100
94	88	2 959	59,152	141,764	2,397	1,931
95	89	1 913	36,689	82,613	2,252	1,786
96	90	1 182	21,747	45,923	2,112	1,646
97	91	683	12,051	24,176	2,006	1,541
98	92	377	6,383	12,125	1,899	1,434
99	93	196	3,180	5,742	1,806	1,340
100	94	95	1,487	2,562	1,723	1,258

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 560	74 396,612	1 697 470,021	22,816	22,351
8	1	99 252	71 143,056	1 623 073,409	22,814	22,349
9	2	99 219	68 219,985	1 551 930,354	22,749	22,284
10	3	99 199	65 425,470	1 483 710,369	22,678	22,213
11	4	99 181	62 746,800	1 418 284,899	22,603	22,138
12	5	99 164	60 178,360	1 355 538,099	22,525	22,060
13	6	99 148	57 715,930	1 295 359,738	22,444	21,978
14	7	99 130	55 352,797	1 237 643,808	22,359	21,894
15	8	99 112	53 086,539	1 182 291,011	22,271	21,806
16	9	99 089	50 910,651	1 129 204,473	22,180	21,715
17	10	99 058	48 820,084	1 078 293,822	22,087	21,622
18	11	99 025	46 814,212	1 029 473,738	21,991	21,525
19	12	98 980	44 885,041	982 659,525	21,893	21,428
20	13	98 933	43 034,694	937 774,484	21,791	21,326
21	14	98 881	41 258,568	894 739,790	21,686	21,221
22	15	98 832	39 556,878	853 481,222	21,576	21,111
23	16	98 775	37 922,419	813 924,344	21,463	20,998
24	17	98 720	36 356,169	776 001,925	21,344	20,879
25	18	98 659	34 852,717	739 645,755	21,222	20,757
26	19	98 597	33 410,639	704 793,039	21,095	20,630
27	20	98 534	32 028,269	671 382,400	20,962	20,497
28	21	98 471	30 702,694	639 354,131	20,824	20,359
29	22	98 407	29 431,892	608 651,437	20,680	20,215
30	23	98 339	28 212,710	579 219,545	20,530	20,065
31	24	98 266	27 042,491	551 006,835	20,376	19,910
32	25	98 188	25 919,399	523 964,344	20,215	19,750
33	26	98 107	24 842,243	498 044,946	20,048	19,583
34	27	98 017	23 807,573	473 202,703	19,876	19,411
35	28	97 920	22 814,516	449 395,130	19,698	19,233
36	29	97 819	21 861,718	426 580,614	19,513	19,047
37	30	97 709	20 947,028	404 718,896	19,321	18,856
38	31	97 583	20 067,018	383 771,868	19,125	18,659
39	32	97 448	19 222,349	363 704,849	18,921	18,456
40	33	97 306	18 411,854	344 482,500	18,710	18,245
41	34	97 151	17 633,034	326 070,647	18,492	18,027
42	35	96 982	16 884,764	308 437,612	18,267	17,802
43	36	96 802	16 166,415	291 552,849	18,034	17,569
44	37	96 609	15 476,376	275 386,433	17,794	17,329
45	38	96 389	14 811,719	259 910,057	17,548	17,082
46	39	96 142	14 171,501	245 098,338	17,295	16,830
47	40	95 875	13 555,989	230 926,837	17,035	16,570
48	41	95 583	12 963,661	217 370,849	16,768	16,302
49	42	95 258	12 392,963	204 407,188	16,494	16,029
50	43	94 900	11 843,005	192 014,225	16,213	15,748
51	44	94 498	11 312,152	180 171,219	15,927	15,462
52	45	94 057	10 800,322	168 859,068	15,635	15,169
53	46	93 560	10 305,235	158 058,746	15,338	14,872
54	47	93 007	9 826,705	147 753,510	15,036	14,571
55	48	92 386	9 363,136	137 926,806	14,731	14,266
56	49	91 693	8 914,090	128 563,670	14,423	13,957
57	50	90 930	8 479,511	119 649,579	14,110	13,645
58	51	90 096	8 059,220	111 170,069	13,794	13,329
59	52	89 169	7 651,183	103 110,849	13,476	13,011
60	53	88 166	7 256,703	95 459,666	13,155	12,689
61	54	87 075	6 874,734	88 202,963	12,830	12,365
62	55	85 884	6 504,265	81 328,229	12,504	12,039
63	56	84 583	6 144,593	74 823,964	12,177	11,712
64	57	83 187	5 796,791	68 679,371	11,848	11,383
65	58	81 680	5 459,711	62 882,580	11,518	11,052
66	59	80 070	5 133,943	57 422,869	11,185	10,720
67	60	78 370	4 820,075	52 288,926	10,848	10,383
68	61	76 554	4 516,412	47 468,850	10,510	10,045
69	62	74 658	4 225,035	42 952,439	10,166	9,701
70	63	72 635	3 942,943	38 727,404	9,822	9,357
71	64	70 536	3 672,890	34 784,461	9,471	9,005
72	65	68 284	3 410,668	31 111,571	9,122	8,657
73	66	65 966	3 160,567	27 700,903	8,765	8,299
74	67	63 508	2 918,768	24 540,336	8,408	7,943
75	68	60 950	2 687,023	21 621,568	8,047	7,581
76	69	58 285	2 464,752	18 934,546	7,682	7,217
77	70	55 470	2 250,081	16 469,793	7,320	6,854
78	71	52 542	2 044,430	14 219,712	6,955	6,490
79	72	49 466	1 846,266	12 175,282	6,595	6,129
80	73	46 273	1 656,710	10 329,016	6,235	5,769
81	74	42 946	1 474,888	8 672,307	5,880	5,415
82	75	39 458	1 299,849	7 197,419	5,537	5,072
83	76	35 887	1 134,030	5 897,569	5,201	4,735
84	77	32 253	977,634	4 763,539	4,873	4,407
85	78	28 589	831,246	3 785,905	4,554	4,089
86	79	24 893	694,296	2 954,659	4,256	3,790
87	80	21 273	569,139	2 260,363	3,972	3,506
88	81	17 790	456,541	1 691,224	3,704	3,239
89	82	14 498	356,898	1 234,683	3,459	2,994
90	83	11 507	271,709	877,786	3,231	2,765
91	84	8 883	201,213	606,077	3,012	2,547
92	85	6 651	144,513	404,864	2,802	2,336
93	86	4 760	99,205	260,351	2,624	2,159
94	87	3 287	65,720	161,146	2,452	1,987
95	88	2 160	41,420	95,425	2,304	1,839
96	89	1 358	24,983	54,006	2,162	1,696
97	90	801	14,136	29,023	2,053	1,588
98	91	453	7,669	14,887	1,941	1,476
99	92	241	3,914	7,218	1,844	1,379
100	93	121	1,879	3,305	1,758	1,293

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 552	71 357,510	1 624 389,645	22,764	22,299
9	1	99 244	68 236,903	1 553 032,136	22,759	22,294
10	2	99 211	65 433,598	1 484 795,232	22,692	22,226
11	3	99 191	62 753,272	1 419 361,634	22,618	22,153
12	4	99 173	60 184,119	1 356 608,362	22,541	22,076
13	5	99 157	57 721,072	1 296 424,243	22,460	21,995
14	6	99 139	55 357,694	1 238 703,171	22,376	21,911
15	7	99 116	53 089,005	1 183 345,477	22,290	21,825
16	8	99 096	50 914,199	1 130 256,472	22,199	21,734
17	9	99 065	48 823,071	1 079 342,274	22,107	21,642
18	10	99 031	46 816,951	1 030 519,203	22,012	21,546
19	11	98 988	44 888,512	983 702,252	21,914	21,449
20	12	98 940	43 038,074	938 813,740	21,814	21,348
21	13	98 890	41 262,456	895 775,666	21,709	21,244
22	14	98 841	39 560,526	854 513,210	21,600	21,135
23	15	98 787	37 927,034	814 952,685	21,487	21,022
24	16	98 734	36 361,524	777 025,651	21,369	20,904
25	17	98 673	34 857,463	740 664,127	21,248	20,783
26	18	98 616	33 417,222	705 806,664	21,121	20,656
27	19	98 551	32 033,868	672 389,442	20,990	20,525
28	20	98 489	30 708,372	640 355,574	20,853	20,388
29	21	98 423	29 436,746	609 647,202	20,710	20,245
30	22	98 355	28 217,304	580 210,456	20,562	20,097
31	23	98 284	27 047,358	551 993,152	20,408	19,943
32	24	98 206	25 924,063	524 945,794	20,249	19,784
33	25	98 126	24 846,969	499 021,731	20,084	19,619
34	26	98 035	23 812,054	474 174,761	19,913	19,448
35	27	97 942	22 819,426	450 362,707	19,736	19,271
36	28	97 842	21 866,871	427 543,281	19,552	19,087
37	29	97 735	20 952,450	405 676,410	19,362	18,897
38	30	97 614	20 073,384	384 723,960	19,166	18,701
39	31	97 479	19 228,387	364 650,576	18,964	18,499
40	32	97 339	18 418,164	345 422,189	18,754	18,289
41	33	97 186	17 639,390	327 004,025	18,538	18,073
42	34	97 021	16 891,621	309 364,634	18,315	17,849
43	35	96 842	16 173,081	292 473,013	18,084	17,619
44	36	96 653	15 483,476	276 299,932	17,845	17,380
45	37	96 435	14 818,753	260 816,457	17,600	17,135
46	38	96 200	14 180,055	245 997,704	17,348	16,883
47	39	95 933	13 564,143	231 817,649	17,090	16,625
48	40	95 648	12 972,556	218 253,506	16,824	16,359
49	41	95 329	12 402,144	205 280,950	16,552	16,087
50	42	94 975	11 852,413	192 878,806	16,273	15,808
51	43	94 584	11 322,433	181 026,393	15,988	15,523
52	44	94 149	10 810,815	169 703,960	15,698	15,232
53	45	93 668	10 317,123	158 893,145	15,401	14,936
54	46	93 120	9 838,683	148 576,022	15,101	14,636
55	47	92 512	9 375,984	138 737,338	14,797	14,332
56	48	91 839	8 928,322	129 361,354	14,489	14,024
57	49	91 089	8 494,359	120 433,032	14,178	13,713
58	50	90 263	8 074,183	111 938,673	13,864	13,399
59	51	89 361	7 667,612	103 864,489	13,546	13,081
60	52	88 373	7 273,672	96 196,877	13,225	12,760
61	53	87 300	6 892,432	88 923,205	12,902	12,436
62	54	86 133	6 523,108	82 030,773	12,575	12,110
63	55	84 859	6 164,600	75 507,665	12,249	11,783
64	56	83 486	5 817,600	69 343,065	11,920	11,454
65	57	82 001	5 481,220	63 525,465	11,590	11,124
66	58	80 420	5 156,371	58 044,245	11,257	10,792
67	59	78 741	4 842,867	52 887,874	10,921	10,456
68	60	76 960	4 540,366	48 045,007	10,582	10,117
69	61	75 085	4 249,195	43 504,641	10,238	9,773
70	62	73 083	3 967,280	39 255,445	9,895	9,430
71	63	71 015	3 697,846	35 288,165	9,543	9,078
72	64	68 798	3 436,347	31 590,319	9,193	8,728
73	65	66 496	3 185,960	28 153,972	8,837	8,372
74	66	64 069	2 944,568	24 968,012	8,479	8,014
75	67	61 534	2 712,746	22 023,444	8,119	7,653
76	68	58 901	2 490,820	19 310,698	7,753	7,288
77	69	56 118	2 276,384	16 819,878	7,389	6,924
78	70	53 212	2 070,516	14 543,494	7,024	6,559
79	71	50 153	1 871,914	12 472,978	6,663	6,198
80	72	46 969	1 681,620	10 601,063	6,304	5,839
81	73	43 663	1 499,504	8 919,443	5,948	5,483
82	74	40 174	1 323,464	7 419,939	5,606	5,141
83	75	36 591	1 156,267	6 096,475	5,273	4,807
84	76	32 964	999,182	4 940,208	4,944	4,479
85	77	29 286	851,509	3 941,025	4,628	4,163
86	78	25 596	713,890	3 089,516	4,328	3,862
87	79	21 963	587,599	2 375,626	4,043	3,578
88	80	18 463	473,817	1 788,027	3,774	3,308
89	81	15 144	372,807	1 314,211	3,525	3,060
90	82	12 104	285,822	941,404	3,294	2,828
91	83	9 417	213,311	655,582	3,073	2,608
92	84	7 115	154,586	442,271	2,861	2,396
93	85	5 152	107,379	287,685	2,679	2,214
94	86	3 601	71,997	180,306	2,504	2,039
95	87	2 400	46,019	108,309	2,354	1,888
96	88	1 533	28,204	62,290	2,209	1,743
97	89	920	16,239	34,086	2,099	1,634
98	90	531	8,996	17,847	1,984	1,519
99	91	290	4,702	8,851	1,883	1,417
100	92	149	2,313	4,150	1,794	1,329

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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9	0	99 543	68 442,597	1 554 247,993	22,709	22,244
10	1	99 236	65 449,826	1 485 805,396	22,701	22,236
11	2	99 204	62 761,068	1 420 355,570	22,631	22,166
12	3	99 184	60 190,326	1 357 594,502	22,555	22,090
13	4	99 166	57 726,595	1 297 404,176	22,475	22,010
14	5	99 147	55 362,626	1 239 677,580	22,392	21,927
15	6	99 125	53 093,702	1 184 314,954	22,306	21,841
16	7	99 101	50 916,564	1 131 221,253	22,217	21,752
17	8	99 071	48 826,474	1 080 304,689	22,125	21,660
18	9	99 037	46 819,815	1 031 478,215	22,031	21,566
19	10	98 993	44 891,138	984 658,401	21,934	21,469
20	11	98 948	43 041,402	939 767,263	21,834	21,369
21	12	98 898	41 265,696	896 725,861	21,731	21,265
22	13	98 850	39 564,253	855 460,164	21,622	21,157
23	14	98 796	37 930,531	815 895,911	21,510	21,045
24	15	98 746	36 365,948	777 965,380	21,393	20,927
25	16	98 687	34 862,597	741 599,432	21,272	20,807
26	17	98 630	33 421,773	706 736,836	21,146	20,681
27	18	98 571	32 040,181	673 315,063	21,015	20,549
28	19	98 506	30 713,740	641 274,882	20,879	20,414
29	20	98 441	29 442,189	610 561,142	20,738	20,272
30	21	98 371	28 221,957	581 118,952	20,591	20,126
31	22	98 300	27 051,763	552 896,995	20,438	19,973
32	23	98 223	25 928,730	525 845,232	20,280	19,815
33	24	98 144	24 851,441	499 916,503	20,116	19,651
34	25	98 054	23 816,585	475 065,062	19,947	19,482
35	26	97 960	22 823,722	451 248,477	19,771	19,306
36	27	97 863	21 871,577	428 424,755	19,588	19,123
37	28	97 758	20 957,388	406 553,178	19,399	18,934
38	29	97 639	20 078,580	385 595,790	19,204	18,739
39	30	97 510	19 234,487	365 517,210	19,003	18,538
40	31	97 370	18 423,949	346 282,723	18,795	18,330
41	32	97 219	17 645,436	327 858,774	18,580	18,115
42	33	97 056	16 897,710	310 213,338	18,358	17,893
43	34	96 881	16 179,650	293 315,627	18,129	17,663
44	35	96 693	15 489,859	277 135,978	17,891	17,426
45	36	96 479	14 825,550	261 646,118	17,648	17,183
46	37	96 246	14 186,789	246 820,568	17,398	16,933
47	38	95 991	13 572,330	232 633,779	17,140	16,675
48	39	95 706	12 980,359	219 061,449	16,876	16,411
49	40	95 394	12 410,654	206 081,090	16,605	16,140
50	41	95 046	11 861,194	193 670,436	16,328	15,863
51	42	94 659	11 331,428	181 809,242	16,045	15,579
52	43	94 234	10 820,640	170 477,815	15,755	15,290
53	44	93 759	10 327,146	159 657,174	15,460	14,995
54	45	93 228	9 850,033	149 330,028	15,160	14,695
55	46	92 625	9 387,413	139 479,995	14,858	14,393
56	47	91 966	8 940,574	130 092,581	14,551	14,086
57	48	91 235	8 507,921	121 152,008	14,240	13,775
58	49	90 421	8 088,322	112 644,086	13,927	13,462
59	50	89 527	7 681,848	104 555,764	13,611	13,146
60	51	88 562	7 289,291	96 873,916	13,290	12,825
61	52	87 504	6 908,549	89 584,625	12,967	12,502
62	53	86 355	6 539,900	82 676,076	12,642	12,177
63	54	85 105	6 182,459	76 136,176	12,315	11,850
64	55	83 757	5 836,542	69 953,716	11,985	11,520
65	56	82 296	5 500,897	64 117,174	11,656	11,191
66	57	80 737	5 176,685	58 616,277	11,323	10,858
67	58	79 085	4 864,023	53 439,593	10,987	10,521
68	59	77 324	4 561,836	48 575,570	10,648	10,183
69	60	75 484	4 271,733	44 013,734	10,303	9,838
70	61	73 501	3 989,966	39 742,001	9,960	9,495
71	62	71 453	3 720,670	35 752,034	9,609	9,144
72	63	69 265	3 459,696	32 031,364	9,258	8,793
73	64	66 996	3 209,947	28 571,668	8,901	8,436
74	65	64 584	2 968,226	25 361,721	8,544	8,079
75	66	62 078	2 736,725	22 393,494	8,183	7,717
76	67	59 465	2 514,665	19 656,769	7,817	7,352
77	68	56 712	2 300,460	17 142,104	7,452	6,986
78	69	53 834	2 094,719	14 841,644	7,085	6,620
79	70	50 793	1 895,799	12 746,925	6,724	6,259
80	71	47 622	1 704,982	10 851,126	6,364	5,899
81	72	44 319	1 522,051	9 146,144	6,009	5,544
82	73	40 845	1 345,553	7 624,093	5,666	5,201
83	74	37 256	1 177,273	6 278,540	5,333	4,868
84	75	33 610	1 018,775	5 101,266	5,007	4,542
85	76	29 931	870,277	4 082,492	4,691	4,226
86	77	26 220	731,293	3 212,214	4,393	3,927
87	78	22 583	604,182	2 480,922	4,106	3,641
88	79	19 062	489,184	1 876,740	3,836	3,371
89	80	15 718	386,914	1 387,556	3,586	3,121
90	81	12 644	298,563	1 000,641	3,352	2,886
91	82	9 907	224,391	702,078	3,129	2,664
92	83	7 543	163,880	477,688	2,915	2,450
93	84	5 511	114,864	313,807	2,732	2,267
94	85	3 898	77,929	198,943	2,553	2,088
95	86	2 629	50,414	121,014	2,400	1,935
96	87	1 704	31,336	70,600	2,253	1,788
97	88	1 039	18,333	39,264	2,142	1,677
98	89	611	10,334	20,931	2,025	1,560
99	90	340	5,515	10,597	1,922	1,456
100	91	178	2,779	5,082	1,829	1,364

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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10	0	99 535	65 647,118	1 486 928,641	22,650	22,185
11	1	99 228	62 776,633	1 421 281,523	22,640	22,175
12	2	99 196	60 197,804	1 358 504,890	22,567	22,102
13	3	99 177	57 732,549	1 298 307,085	22,488	22,023
14	4	99 157	55 367,924	1 240 574,536	22,406	21,941
15	5	99 134	53 098,432	1 185 206,612	22,321	21,856
16	6	99 109	50 921,068	1 132 108,181	22,233	21,767
17	7	99 076	48 828,742	1 081 187,112	22,142	21,677
18	8	99 044	46 823,078	1 032 358,371	22,048	21,583
19	9	98 999	44 893,884	985 535,293	21,953	21,487
20	10	98 954	43 043,920	940 641,409	21,853	21,388
21	11	98 905	41 268,887	897 597,489	21,750	21,285
22	12	98 858	39 567,360	856 328,601	21,642	21,177
23	13	98 805	37 934,105	816 761,241	21,531	21,066
24	14	98 755	36 369,302	778 827,136	21,414	20,949
25	15	98 699	34 866,839	742 457,835	21,294	20,829
26	16	98 644	33 426,695	707 590,996	21,168	20,703
27	17	98 584	32 044,544	674 164,301	21,038	20,573
28	18	98 525	30 719,792	642 119,757	20,902	20,437
29	19	98 458	29 447,337	611 399,965	20,762	20,297
30	20	98 390	28 227,176	581 952,628	20,617	20,152
31	21	98 316	27 056,224	553 725,452	20,466	20,001
32	22	98 239	25 932,952	526 669,228	20,309	19,844
33	23	98 161	24 855,914	500 736,276	20,146	19,680
34	24	98 072	23 820,871	475 880,362	19,977	19,512
35	25	97 979	22 828,064	452 059,491	19,803	19,338
36	26	97 881	21 875,694	429 231,427	19,621	19,156
37	27	97 779	20 961,899	407 355,733	19,433	18,968
38	28	97 662	20 083,313	386 393,834	19,240	18,774
39	29	97 535	19 239,465	366 310,521	19,040	18,574
40	30	97 401	18 429,794	347 071,056	18,832	18,367
41	31	97 250	17 650,979	328 641,262	18,619	18,154
42	32	97 089	16 903,502	310 990,284	18,398	17,933
43	33	96 916	16 185,482	294 086,782	18,170	17,705
44	34	96 732	15 496,151	277 901,300	17,934	17,468
45	35	96 519	14 831,663	262 405,149	17,692	17,227
46	36	96 290	14 193,296	247 573,486	17,443	16,978
47	37	96 036	13 578,776	233 380,190	17,187	16,722
48	38	95 763	12 988,194	219 801,414	16,923	16,458
49	39	95 452	12 418,119	206 813,220	16,654	16,189
50	40	95 111	11 869,332	194 395,101	16,378	15,913
51	41	94 730	11 339,822	182 525,768	16,096	15,631
52	42	94 309	10 829,236	171 185,946	15,808	15,343
53	43	93 844	10 336,533	160 356,710	15,514	15,048
54	44	93 318	9 859,603	150 020,178	15,216	14,750
55	45	92 732	9 398,242	140 160,575	14,913	14,448
56	46	92 078	8 951,472	130 762,333	14,608	14,143
57	47	91 360	8 519,596	121 810,861	14,298	13,833
58	48	90 566	8 101,236	113 291,265	13,984	13,519
59	49	89 684	7 695,300	105 190,029	13,669	13,204
60	50	88 727	7 302,824	97 494,729	13,350	12,885
61	51	87 692	6 923,384	90 191,904	13,027	12,562
62	52	86 557	6 555,193	83 268,520	12,703	12,237
63	53	85 324	6 198,375	76 713,327	12,376	11,911
64	54	84 000	5 853,451	70 514,952	12,047	11,582
65	55	82 564	5 518,808	64 661,501	11,717	11,251
66	56	81 027	5 195,268	59 142,693	11,384	10,919
67	57	79 396	4 883,185	53 947,426	11,048	10,582
68	58	77 661	4 581,764	49 064,240	10,709	10,243
69	59	75 841	4 291,932	44 482,476	10,364	9,899
70	60	73 891	4 011,129	40 190,544	10,020	9,555
71	61	71 862	3 741,946	36 179,415	9,669	9,203
72	62	69 693	3 481,050	32 437,469	9,318	8,853
73	63	67 451	3 231,758	28 956,418	8,960	8,495
74	64	65 070	2 990,574	25 724,660	8,602	8,137
75	65	62 577	2 758,713	22 734,086	8,241	7,776
76	66	59 991	2 536,894	19 975,373	7,874	7,409
77	67	57 254	2 322,482	17 438,479	7,509	7,043
78	68	54 404	2 116,874	15 115,997	7,141	6,675
79	69	51 386	1 917,960	12 999,123	6,778	6,312
80	70	48 229	1 726,736	11 081,163	6,417	5,952
81	71	44 935	1 543,196	9 354,426	6,062	5,597
82	72	41 459	1 365,785	7 811,230	5,719	5,254
83	73	37 877	1 196,922	6 445,445	5,385	4,920
84	74	34 221	1 037,283	5 248,523	5,060	4,595
85	75	30 518	887,342	4 211,240	4,746	4,281
86	76	26 798	747,411	3 323,898	4,447	3,982
87	77	23 134	618,910	2 576,487	4,163	3,698
88	78	19 600	502,990	1 957,577	3,892	3,427
89	79	16 227	399,463	1 454,586	3,641	3,176
90	80	13 122	309,861	1 055,123	3,405	2,940
91	81	10 348	234,393	745,262	3,180	2,714
92	82	7 934	172,393	510,869	2,963	2,498
93	83	5 843	121,770	338,476	2,780	2,314
94	84	4 170	83,361	216,706	2,600	2,134
95	85	2 846	54,568	133,345	2,444	1,978
96	86	1 866	34,329	78,777	2,295	1,830
97	87	1 154	20,368	44,448	2,182	1,717
98	88	689	11,666	24,080	2,064	1,599
99	89	390	6,336	12,414	1,959	1,494
100	90	209	3,260	6,078	1,864	1,399

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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11	0	99 527	62 965,867	1 422 319,387	22,589	22,124
12	1	99 220	60 212,733	1 359 353,519	22,576	22,111
13	2	99 189	57 739,722	1 299 140,786	22,500	22,035
14	3	99 167	55 373,634	1 241 401,064	22,419	21,953
15	4	99 143	53 103,513	1 186 027,430	22,334	21,869
16	5	99 118	50 925,605	1 132 923,917	22,247	21,781
17	6	99 085	48 833,062	1 081 998,312	22,157	21,692
18	7	99 049	46 825,253	1 033 165,250	22,064	21,599
19	8	99 006	44 897,013	986 339,997	21,969	21,504
20	9	98 960	43 046,553	941 442,984	21,870	21,405
21	10	98 911	41 271,302	898 396,431	21,768	21,303
22	11	98 865	39 570,420	857 125,130	21,661	21,196
23	12	98 813	37 937,084	817 554,710	21,550	21,085
24	13	98 765	36 372,728	779 617,626	21,434	20,969
25	14	98 708	34 870,054	743 244,898	21,315	20,849
26	15	98 656	33 430,763	708 374,844	21,189	20,724
27	16	98 599	32 049,263	674 944,081	21,060	20,594
28	17	98 539	30 723,976	642 894,818	20,925	20,460
29	18	98 478	29 453,139	612 170,842	20,785	20,319
30	19	98 407	28 232,111	582 717,703	20,640	20,175
31	20	98 334	27 061,227	554 485,592	20,490	20,025
32	21	98 256	25 937,229	527 424,365	20,335	19,869
33	22	98 177	24 859,962	501 487,136	20,172	19,707
34	23	98 089	23 825,159	476 627,175	20,005	19,540
35	24	97 996	22 832,172	452 802,016	19,832	19,367
36	25	97 900	21 879,856	429 969,843	19,651	19,186
37	26	97 797	20 965,844	408 089,987	19,465	18,999
38	27	97 683	20 087,635	387 124,143	19,272	18,807
39	28	97 558	19 244,000	367 036,508	19,073	18,608
40	29	97 426	18 434,564	347 792,508	18,866	18,401
41	30	97 280	17 656,578	329 357,943	18,654	18,188
42	31	97 120	16 908,811	311 701,365	18,434	17,969
43	32	96 949	16 191,029	294 792,554	18,207	17,742
44	33	96 767	15 501,736	278 601,525	17,972	17,507
45	34	96 558	14 837,687	263 099,788	17,732	17,267
46	35	96 330	14 199,148	248 262,101	17,484	17,019
47	36	96 080	13 585,004	234 062,953	17,230	16,764
48	37	95 809	12 994,362	220 477,949	16,967	16,502
49	38	95 509	12 425,615	207 483,587	16,698	16,233
50	39	95 168	11 876,472	195 057,972	16,424	15,959
51	40	94 795	11 347,603	183 181,500	16,143	15,678
52	41	94 379	10 837,259	171 833,897	15,856	15,391
53	42	93 918	10 344,744	160 996,638	15,563	15,098
54	43	93 403	9 868,564	150 651,894	15,266	14,801
55	44	92 822	9 407,373	140 783,330	14,965	14,500
56	45	92 184	8 961,798	131 375,957	14,660	14,194
57	46	91 471	8 529,981	122 414,159	14,351	13,886
58	47	90 690	8 112,352	113 884,178	14,038	13,573
59	48	89 827	7 707,586	105 771,826	13,723	13,258
60	49	88 882	7 315,613	98 064,239	13,405	12,940
61	50	87 854	6 936,238	90 748,627	13,083	12,618
62	51	86 743	6 569,269	83 812,389	12,758	12,293
63	52	85 523	6 212,869	77 243,119	12,433	11,968
64	53	84 216	5 868,519	71 030,250	12,104	11,638
65	54	82 803	5 534,796	65 161,731	11,773	11,308
66	55	81 291	5 212,184	59 626,935	11,440	10,975
67	56	79 681	4 900,715	54 414,751	11,103	10,638
68	57	77 967	4 599,814	49 514,036	10,764	10,299
69	58	76 172	4 310,681	44 914,222	10,419	9,954
70	59	74 240	4 030,096	40 603,540	10,075	9,610
71	60	72 243	3 761,794	36 573,444	9,722	9,257
72	61	70 091	3 500,956	32 811,651	9,372	8,907
73	62	67 868	3 251,705	29 310,694	9,014	8,549
74	63	65 513	3 010,894	26 058,989	8,655	8,190
75	64	63 048	2 779,483	23 048,095	8,292	7,827
76	65	60 473	2 557,276	20 268,611	7,926	7,461
77	66	57 761	2 343,012	17 711,335	7,559	7,094
78	67	54 924	2 137,139	15 368,323	7,191	6,726
79	68	51 930	1 938,245	13 231,184	6,826	6,361
80	69	48 793	1 746,921	11 292,939	6,464	5,999
81	70	45 508	1 562,886	9 546,017	6,108	5,643
82	71	42 035	1 384,759	7 983,131	5,765	5,300
83	72	38 447	1 214,920	6 598,372	5,431	4,966
84	73	34 792	1 054,596	5 383,453	5,105	4,640
85	74	31 072	903,463	4 328,857	4,791	4,326
86	75	27 323	762,067	3 425,394	4,495	4,030
87	76	23 644	632,552	2 663,328	4,210	3,745
88	77	20 078	515,251	2 030,776	3,941	3,476
89	78	16 685	410,737	1 515,525	3,690	3,225
90	79	13 548	319,911	1 104,787	3,453	2,988
91	80	10 740	243,263	784,877	3,226	2,761
92	81	8 288	180,077	541,614	3,008	2,542
93	82	6 146	128,095	361,536	2,822	2,357
94	83	4 420	88,373	233,441	2,642	2,176
95	84	3 044	58,372	145,068	2,485	2,020
96	85	2 020	37,157	86,697	2,333	1,868
97	86	1 265	22,314	49,539	2,220	1,755
98	87	766	12,962	27,226	2,100	1,635
99	88	441	7,152	14,264	1,994	1,529
100	89	240	3,745	7,111	1,899	1,434

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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12	0	99 520	60 394,239	1 360 312,706	22,524	22,059
13	1	99 214	57 754,042	1 299 918,467	22,508	22,043
14	2	99 179	55 380,514	1 242 164,425	22,430	21,964
15	3	99 154	53 108,990	1 186 783,912	22,346	21,881
16	4	99 128	50 930,478	1 133 674,922	22,259	21,794
17	5	99 094	48 837,412	1 082 744,443	22,170	21,705
18	6	99 058	46 829,395	1 033 907,031	22,078	21,613
19	7	99 011	44 899,099	987 077,636	21,984	21,519
20	8	98 967	43 049,553	942 178,537	21,886	21,421
21	9	98 917	41 273,826	899 128,984	21,784	21,319
22	10	98 871	39 572,735	857 855,158	21,678	21,213
23	11	98 820	37 940,018	818 282,423	21,568	21,103
24	12	98 772	36 375,585	780 342,405	21,452	20,987
25	13	98 718	34 873,339	743 966,821	21,333	20,868
26	14	98 665	33 433,845	709 093,481	21,209	20,744
27	15	98 611	32 053,163	675 659,636	21,079	20,614
28	16	98 553	30 728,500	643 606,473	20,945	20,480
29	17	98 491	29 457,150	612 877,972	20,806	20,341
30	18	98 426	28 237,674	583 420,822	20,661	20,196
31	19	98 352	27 065,958	555 183,148	20,512	20,047
32	20	98 274	25 942,025	528 117,190	20,358	19,892
33	21	98 193	24 864,062	502 175,165	20,197	19,732
34	22	98 105	23 829,038	477 311,103	20,031	19,565
35	23	98 014	22 836,282	453 482,065	19,858	19,393
36	24	97 918	21 883,794	430 645,783	19,679	19,214
37	25	97 816	20 969,833	408 761,989	19,493	19,028
38	26	97 701	20 091,416	387 792,156	19,301	18,836
39	27	97 579	19 248,142	367 700,740	19,103	18,638
40	28	97 449	18 438,909	348 452,598	18,898	18,432
41	29	97 306	17 661,148	330 013,688	18,686	18,221
42	30	97 151	16 914,175	312 352,540	18,467	18,002
43	31	96 980	16 196,115	295 438,365	18,241	17,776
44	32	96 800	15 507,050	279 242,250	18,007	17,542
45	33	96 593	14 843,035	263 735,200	17,768	17,303
46	34	96 369	14 204,915	248 892,165	17,522	17,056
47	35	96 120	13 590,605	234 687,250	17,268	16,803
48	36	95 853	13 000,323	221 096,644	17,007	16,542
49	37	95 555	12 431,516	208 096,322	16,739	16,274
50	38	95 225	11 883,641	195 664,806	16,465	16,000
51	39	94 852	11 354,429	183 781,165	16,186	15,721
52	40	94 444	10 844,695	172 426,736	15,900	15,434
53	41	93 988	10 352,407	161 582,041	15,608	15,143
54	42	93 477	9 876,403	151 229,634	15,312	14,847
55	43	92 907	9 415,923	141 353,231	15,012	14,547
56	44	92 273	8 970,505	131 937,308	14,708	14,243
57	45	91 577	8 539,821	122 966,803	14,399	13,934
58	46	90 800	8 122,241	114 426,982	14,088	13,623
59	47	89 950	7 718,163	106 304,740	13,773	13,308
60	48	89 024	7 327,293	98 586,578	13,455	12,989
61	49	88 008	6 948,385	91 259,285	13,134	12,669
62	50	86 904	6 581,466	84 310,901	12,810	12,345
63	51	85 707	6 226,210	77 729,435	12,484	12,019
64	52	84 413	5 882,242	71 503,225	12,156	11,691
65	53	83 016	5 549,044	65 620,982	11,826	11,360
66	54	81 526	5 227,284	60 071,938	11,492	11,027
67	55	79 941	4 916,672	54 844,654	11,155	10,690
68	56	78 247	4 616,327	49 927,982	10,816	10,350
69	57	76 472	4 327,664	45 311,656	10,470	10,005
70	58	74 565	4 047,701	40 983,992	10,125	9,660
71	59	72 585	3 779,582	36 936,291	9,773	9,307
72	60	70 463	3 519,525	33 156,709	9,421	8,956
73	61	68 256	3 270,300	29 637,184	9,063	8,597
74	62	65 917	3 029,478	26 366,884	8,703	8,238
75	63	63 476	2 798,369	23 337,406	8,340	7,874
76	64	60 928	2 576,530	20 539,036	7,972	7,506
77	65	58 225	2 361,837	17 962,507	7,605	7,140
78	66	55 410	2 156,030	15 600,670	7,236	6,771
79	67	52 427	1 956,800	13 444,640	6,871	6,406
80	68	49 309	1 765,398	11 487,839	6,507	6,042
81	69	46 040	1 581,156	9 722,442	6,149	5,684
82	70	42 571	1 402,428	8 141,286	5,805	5,340
83	71	38 981	1 231,797	6 738,858	5,471	5,006
84	72	35 315	1 070,453	5 507,061	5,145	4,679
85	73	31 591	918,542	4 436,608	4,830	4,365
86	74	27 820	775,912	3 518,066	4,534	4,069
87	75	24 107	644,955	2 742,155	4,252	3,786
88	76	20 520	526,608	2 097,200	3,982	3,517
89	77	17 092	420,750	1 570,592	3,733	3,268
90	78	13 930	328,940	1 149,842	3,496	3,030
91	79	11 088	251,153	820,903	3,269	2,803
92	80	8 602	186,892	569,750	3,049	2,583
93	81	6 420	133,805	382,858	2,861	2,396
94	82	4 650	92,963	249,053	2,679	2,214
95	83	3 227	61,881	156,089	2,522	2,057
96	84	2 161	39,747	94,208	2,370	1,905
97	85	1 369	24,152	54,461	2,255	1,790
98	86	839	14,200	30,309	2,134	1,669
99	87	489	7,947	16,109	2,027	1,562
100	88	271	4,228	8,163	1,931	1,466

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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13	0	99 513	57 928,136	1 300 805,170	22,455	21,990
14	1	99 204	55 394,248	1 242 877,034	22,437	21,972
15	2	99 166	53 115,588	1 187 482,786	22,357	21,891
16	3	99 138	50 935,731	1 134 367,197	22,271	21,805
17	4	99 103	48 842,086	1 083 431,466	22,182	21,717
18	5	99 066	46 833,567	1 034 589,381	22,091	21,626
19	6	99 020	44 903,071	987 755,813	21,998	21,532
20	7	98 971	43 051,553	942 852,743	21,901	21,435
21	8	98 924	41 276,703	899 801,190	21,799	21,334
22	9	98 877	39 575,156	858 524,487	21,694	21,228
23	10	98 826	37 942,237	818 949,331	21,584	21,119
24	11	98 780	36 378,398	781 007,094	21,469	21,004
25	12	98 725	34 876,078	744 628,696	21,351	20,885
26	13	98 674	33 436,996	709 752,618	21,227	20,761
27	14	98 620	32 056,119	676 315,623	21,098	20,633
28	15	98 565	30 732,240	644 259,504	20,964	20,498
29	16	98 506	29 461,488	613 527,264	20,825	20,360
30	17	98 440	28 241,519	584 065,776	20,681	20,216
31	18	98 371	27 071,292	555 824,257	20,532	20,067
32	19	98 291	25 946,560	528 752,965	20,379	19,913
33	20	98 212	24 868,660	502 806,405	20,218	19,753
34	21	98 122	23 832,968	477 937,745	20,054	19,588
35	22	98 030	22 840,001	454 104,777	19,882	19,417
36	23	97 935	21 887,733	431 264,777	19,703	19,238
37	24	97 833	20 973,607	409 377,044	19,519	19,053
38	25	97 720	20 095,239	388 403,436	19,328	18,863
39	26	97 597	19 251,765	368 308,197	19,131	18,666
40	27	97 470	18 442,878	349 056,432	18,926	18,461
41	28	97 328	17 665,311	330 613,555	18,715	18,250
42	29	97 176	16 918,553	312 948,244	18,497	18,032
43	30	97 011	16 201,253	296 029,691	18,272	17,807
44	31	96 831	15 511,920	279 828,438	18,040	17,574
45	32	96 626	14 848,123	264 316,517	17,801	17,336
46	33	96 404	14 210,036	249 468,394	17,556	17,091
47	34	96 159	13 596,125	235 258,359	17,303	16,838
48	35	95 892	13 005,683	221 662,233	17,043	16,578
49	36	95 598	12 437,218	208 656,551	16,777	16,312
50	37	95 271	11 889,284	196 219,332	16,504	16,039
51	38	94 909	11 361,282	184 330,048	16,224	15,759
52	39	94 500	10 851,218	172 968,766	15,940	15,475
53	40	94 053	10 359,511	162 117,548	15,649	15,184
54	41	93 547	9 883,720	151 758,037	15,354	14,889
55	42	92 980	9 423,403	141 874,317	15,056	14,590
56	43	92 357	8 978,658	132 450,914	14,752	14,287
57	44	91 666	8 548,118	123 472,256	14,444	13,979
58	45	90 905	8 131,611	114 924,138	14,133	13,668
59	46	90 060	7 727,571	106 792,528	13,820	13,354
60	47	89 146	7 337,347	99 064,957	13,501	13,036
61	48	88 149	6 959,478	91 727,610	13,180	12,715
62	49	87 056	6 592,991	84 768,131	12,857	12,392
63	50	85 866	6 237,770	78 175,140	12,533	12,067
64	51	84 595	5 894,873	71 937,370	12,203	11,738
65	52	83 210	5 562,020	66 042,497	11,874	11,409
66	53	81 736	5 240,740	60 480,477	11,540	11,075
67	54	80 172	4 930,916	55 239,736	11,203	10,738
68	55	78 502	4 631,358	50 308,821	10,863	10,397
69	56	76 746	4 343,199	45 677,463	10,517	10,052
70	57	74 858	4 063,647	41 334,264	10,172	9,706
71	58	72 902	3 796,092	37 270,617	9,818	9,353
72	59	70 796	3 536,168	33 474,524	9,466	9,001
73	60	68 618	3 287,645	29 938,356	9,106	8,641
74	61	66 294	3 046,802	26 650,711	8,747	8,282
75	62	63 868	2 815,642	23 603,909	8,383	7,918
76	63	61 342	2 594,037	20 788,267	8,014	7,549
77	64	58 663	2 379,619	18 194,231	7,646	7,181
78	65	55 855	2 173,353	15 814,612	7,277	6,811
79	66	52 890	1 974,097	13 641,259	6,910	6,445
80	67	49 781	1 782,298	11 667,161	6,546	6,081
81	68	46 527	1 597,879	9 884,864	6,186	5,721
82	69	43 069	1 418,822	8 286,985	5,841	5,376
83	70	39 478	1 247,514	6 868,163	5,505	5,040
84	71	35 805	1 085,324	5 620,649	5,179	4,714
85	72	32 066	932,353	4 535,325	4,864	4,399
86	73	28 284	788,862	3 602,972	4,567	4,102
87	74	24 545	656,672	2 814,110	4,285	3,820
88	75	20 923	536,934	2 157,438	4,018	3,553
89	76	17 469	430,024	1 620,504	3,768	3,303
90	77	14 270	336,958	1 190,481	3,533	3,068
91	78	11 401	258,241	853,523	3,305	2,840
92	79	8 881	192,953	595,282	3,085	2,620
93	80	6 663	138,869	402,329	2,897	2,432
94	81	4 857	97,107	263,460	2,713	2,248
95	82	3 395	65,095	166,353	2,556	2,090
96	83	2 291	42,137	101,257	2,403	1,938
97	84	1 464	25,836	59,120	2,288	1,823
98	85	908	15,370	33,285	2,166	1,700
99	86	536	8,706	17,915	2,058	1,593
100	87	302	4,697	9,209	1,961	1,495

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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14	0	99 503	55 561,229	1 243 696,950	22,384	21,919
15	1	99 191	53 128,761	1 188 135,721	22,363	21,898
16	2	99 150	50 942,059	1 135 006,960	22,280	21,815
17	3	99 113	48 847,123	1 084 064,901	22,193	21,728
18	4	99 076	46 838,049	1 035 217,778	22,102	21,637
19	5	99 028	44 907,071	988 379,729	22,009	21,544
20	6	98 980	43 055,362	943 472,658	21,913	21,448
21	7	98 929	41 278,620	900 417,296	21,813	21,348
22	8	98 884	39 577,914	859 138,676	21,708	21,242
23	9	98 832	37 944,558	819 560,762	21,599	21,134
24	10	98 786	36 380,526	781 616,204	21,484	21,019
25	11	98 733	34 878,775	745 235,678	21,366	20,901
26	12	98 682	33 439,621	710 356,903	21,243	20,778
27	13	98 629	32 059,139	676 917,281	21,115	20,649
28	14	98 574	30 735,074	644 858,142	20,981	20,516
29	15	98 517	29 465,073	614 123,069	20,842	20,377
30	16	98 454	28 245,678	584 657,995	20,699	20,234
31	17	98 384	27 074,978	556 412,317	20,551	20,086
32	18	98 310	25 951,673	529 337,339	20,397	19,932
33	19	98 229	24 873,007	503 385,666	20,238	19,773
34	20	98 140	23 837,375	478 512,659	20,074	19,609
35	21	98 046	22 843,768	454 675,283	19,904	19,438
36	22	97 951	21 891,297	431 831,516	19,726	19,261
37	23	97 851	20 977,382	409 940,219	19,542	19,077
38	24	97 738	20 098,855	388 962,836	19,352	18,887
39	25	97 616	19 255,428	368 863,981	19,156	18,691
40	26	97 488	18 446,349	349 608,553	18,953	18,488
41	27	97 349	17 669,113	331 162,204	18,742	18,277
42	28	97 199	16 922,541	313 493,091	18,525	18,060
43	29	97 036	16 205,446	296 570,550	18,301	17,835
44	30	96 861	15 516,841	280 365,104	18,068	17,603
45	31	96 656	14 852,787	264 848,262	17,832	17,366
46	32	96 437	14 214,906	249 995,476	17,587	17,122
47	33	96 194	13 601,026	235 780,569	17,335	16,870
48	34	95 931	13 010,965	222 179,543	17,076	16,611
49	35	95 638	12 442,346	209 168,578	16,811	16,346
50	36	95 314	11 894,738	196 726,232	16,539	16,074
51	37	94 954	11 366,678	184 831,494	16,261	15,796
52	38	94 557	10 857,768	173 464,816	15,976	15,511
53	39	94 109	10 365,742	162 607,048	15,687	15,222
54	40	93 611	9 890,502	152 241,306	15,393	14,927
55	41	93 049	9 430,384	142 350,805	15,095	14,630
56	42	92 431	8 985,790	132 920,420	14,792	14,327
57	43	91 749	8 555,887	123 934,630	14,485	14,020
58	44	90 993	8 139,511	115 378,743	14,175	13,710
59	45	90 164	7 736,485	107 239,232	13,861	13,396
60	46	89 255	7 346,291	99 502,747	13,545	13,079
61	47	88 270	6 969,028	92 156,456	13,224	12,758
62	48	87 195	6 603,517	85 187,428	12,900	12,435
63	49	86 016	6 248,693	78 583,910	12,576	12,111
64	50	84 752	5 905,818	72 335,217	12,248	11,783
65	51	83 389	5 573,964	66 429,399	11,918	11,453
66	52	81 927	5 252,995	60 855,436	11,585	11,120
67	53	80 379	4 943,609	55 602,440	11,247	10,782
68	54	78 729	4 644,775	50 658,831	10,907	10,441
69	55	76 996	4 357,341	46 014,056	10,560	10,095
70	56	75 127	4 078,235	41 656,716	10,214	9,749
71	57	73 189	3 811,047	37 578,480	9,860	9,395
72	58	71 105	3 551,615	33 767,433	9,508	9,042
73	59	68 942	3 303,191	30 215,818	9,147	8,682
74	60	66 645	3 062,962	26 912,626	8,786	8,321
75	61	64 233	2 831,743	23 849,664	8,422	7,957
76	62	61 720	2 610,048	21 017,922	8,053	7,587
77	63	59 062	2 395,788	18 407,874	7,683	7,218
78	64	56 276	2 189,716	16 012,086	7,312	6,847
79	65	53 315	1 989,958	13 822,370	6,946	6,481
80	66	50 221	1 798,052	11 832,412	6,581	6,115
81	67	46 972	1 613,175	10 034,359	6,220	5,755
82	68	43 525	1 433,828	8 421,184	5,873	5,408
83	69	39 940	1 262,098	6 987,356	5,536	5,071
84	70	36 262	1 099,172	5 725,259	5,209	4,743
85	71	32 512	945,305	4 626,087	4,894	4,429
86	72	28 709	800,723	3 680,781	4,597	4,132
87	73	24 955	667,632	2 880,058	4,314	3,849
88	74	21 303	546,689	2 212,426	4,047	3,582
89	75	17 811	438,456	1 665,737	3,799	3,334
90	76	14 584	344,385	1 227,282	3,564	3,098
91	77	11 679	264,536	882,897	3,338	2,872
92	78	9 131	198,399	618,361	3,117	2,652
93	79	6 879	143,373	419,962	2,929	2,464
94	80	5 041	100,782	276,590	2,744	2,279
95	81	3 546	67,997	175,807	2,586	2,120
96	82	2 410	44,326	107,810	2,432	1,967
97	83	1 552	27,389	63,485	2,318	1,853
98	84	971	16,441	36,096	2,195	1,730
99	85	580	9,423	19,655	2,086	1,621
100	86	330	5,146	10,232	1,988	1,523

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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15	0	99 490	53 288,912	1 188 894,088	22,310	21,845
16	1	99 175	50 954,693	1 135 605,175	22,287	21,821
17	2	99 126	48 853,192	1 084 650,482	22,202	21,737
18	3	99 086	46 842,880	1 035 797,290	22,112	21,647
19	4	99 038	44 911,369	988 954,410	22,020	21,555
20	5	98 989	43 059,197	944 043,042	21,924	21,459
21	6	98 937	41 282,272	900 983,844	21,825	21,360
22	7	98 889	39 579,752	859 701,572	21,721	21,256
23	8	98 839	37 947,203	820 121,820	21,612	21,147
24	9	98 792	36 382,751	782 174,617	21,499	21,033
25	10	98 739	34 880,816	745 791,866	21,381	20,916
26	11	98 690	33 442,207	710 911,050	21,258	20,793
27	12	98 637	32 061,657	677 468,843	21,130	20,665
28	13	98 584	30 737,970	645 407,186	20,997	20,532
29	14	98 527	29 467,790	614 669,217	20,859	20,394
30	15	98 466	28 249,115	585 201,426	20,716	20,251
31	16	98 399	27 078,965	556 952,311	20,568	20,102
32	17	98 324	25 955,207	529 873,345	20,415	19,950
33	18	98 248	24 877,908	503 918,138	20,256	19,790
34	19	98 157	23 841,542	479 040,230	20,093	19,627
35	20	98 064	22 847,992	455 198,687	19,923	19,458
36	21	97 967	21 894,908	432 350,696	19,747	19,281
37	22	97 867	20 980,798	410 455,788	19,563	19,098
38	23	97 755	20 102,473	389 474,990	19,374	18,909
39	24	97 633	19 258,893	369 372,517	19,179	18,714
40	25	97 507	18 449,859	350 113,623	18,976	18,511
41	26	97 368	17 672,439	331 663,764	18,767	18,302
42	27	97 220	16 926,183	313 991,326	18,551	18,085
43	28	97 059	16 209,266	297 065,142	18,327	17,862
44	29	96 886	15 520,858	280 855,877	18,095	17,630
45	30	96 687	14 857,498	265 335,019	17,859	17,393
46	31	96 467	14 219,371	250 477,521	17,615	17,150
47	32	96 227	13 605,688	236 258,149	17,365	16,899
48	33	95 966	13 015,655	222 652,461	17,107	16,641
49	34	95 677	12 447,400	209 636,806	16,842	16,377
50	35	95 354	11 899,642	197 189,407	16,571	16,106
51	36	94 997	11 371,892	185 289,765	16,294	15,828
52	37	94 602	10 862,924	173 917,873	16,010	15,545
53	38	94 166	10 371,999	163 054,949	15,721	15,255
54	39	93 667	9 896,451	152 682,950	15,428	14,963
55	40	93 113	9 436,855	142 786,499	15,131	14,666
56	41	92 499	8 992,447	133 349,644	14,829	14,364
57	42	91 822	8 562,684	124 357,197	14,523	14,058
58	43	91 076	8 146,909	115 794,513	14,213	13,748
59	44	90 251	7 744,001	107 647,604	13,901	13,436
60	45	89 358	7 354,766	99 903,603	13,584	13,118
61	46	88 377	6 977,523	92 548,837	13,264	12,799
62	47	87 315	6 612,579	85 571,314	12,941	12,475
63	48	86 154	6 258,670	78 958,735	12,616	12,151
64	49	84 900	5 916,160	72 700,066	12,288	11,823
65	50	83 544	5 584,312	66 783,906	11,959	11,494
66	51	82 103	5 264,275	61 199,593	11,625	11,160
67	52	80 567	4 955,169	55 935,318	11,288	10,823
68	53	78 932	4 656,732	50 980,149	10,948	10,482
69	54	77 219	4 369,964	46 323,417	10,600	10,135
70	55	75 372	4 091,514	41 953,453	10,254	9,789
71	56	73 452	3 824,728	37 861,939	9,899	9,434
72	57	71 386	3 565,607	34 037,210	9,546	9,081
73	58	69 244	3 317,621	30 471,603	9,185	8,720
74	59	66 961	3 077,446	27 153,982	8,824	8,358
75	60	64 574	2 846,762	24 076,536	8,458	7,992
76	61	62 073	2 624,973	21 229,774	8,088	7,622
77	62	59 426	2 410,575	18 604,801	7,718	7,253
78	63	56 658	2 204,594	16 194,226	7,346	6,880
79	64	53 717	2 004,941	13 989,632	6,978	6,512
80	65	50 625	1 812,499	11 984,691	6,612	6,147
81	66	47 388	1 627,435	10 172,192	6,250	5,785
82	67	43 941	1 447,554	8 544,757	5,903	5,438
83	68	40 362	1 275,446	7 097,203	5,564	5,099
84	69	36 686	1 112,021	5 821,757	5,235	4,770
85	70	32 926	957,367	4 709,736	4,919	4,454
86	71	29 108	811,847	3 752,369	4,622	4,157
87	72	25 330	677,671	2 940,522	4,339	3,874
88	73	21 658	555,813	2 262,852	4,071	3,606
89	74	18 135	446,421	1 707,039	3,824	3,359
90	75	14 870	351,138	1 260,617	3,590	3,125
91	76	11 936	270,367	909,480	3,364	2,899
92	77	9 354	203,235	639,113	3,145	2,679
93	78	7 073	147,419	435,878	2,957	2,492
94	79	5 205	104,051	288,459	2,772	2,307
95	80	3 680	70,570	184,408	2,613	2,148
96	81	2 517	46,302	113,838	2,459	1,993
97	82	1 633	28,812	67,536	2,344	1,879
98	83	1 030	17,430	38,725	2,222	1,757
99	84	621	10,080	21,295	2,113	1,647
100	85	358	5,570	11,215	2,014	1,548

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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16	0	99 474	51 108,291	1 136 306,803	22,233	21,768
17	1	99 150	48 865,308	1 085 198,512	22,208	21,743
18	2	99 098	46 848,700	1 036 333,204	22,121	21,656
19	3	99 048	44 916,001	989 484,504	22,030	21,564
20	4	98 999	43 063,318	944 568,504	21,934	21,469
21	5	98 946	41 285,950	901 505,186	21,836	21,370
22	6	98 897	39 583,254	860 219,236	21,732	21,267
23	7	98 844	37 948,966	820 635,982	21,625	21,160
24	8	98 799	36 385,287	782 687,016	21,511	21,046
25	9	98 745	34 882,949	746 301,729	21,394	20,929
26	10	98 696	33 444,164	711 418,780	21,272	20,807
27	11	98 645	32 064,136	677 974,616	21,144	20,679
28	12	98 591	30 740,383	645 910,480	21,012	20,547
29	13	98 536	29 470,567	615 170,097	20,874	20,409
30	14	98 475	28 251,720	585 699,530	20,731	20,266
31	15	98 411	27 082,261	557 447,809	20,584	20,118
32	16	98 338	25 959,029	530 365,549	20,431	19,966
33	17	98 261	24 881,296	504 406,519	20,273	19,807
34	18	98 176	23 846,241	479 525,223	20,109	19,644
35	19	98 081	22 851,986	455 678,983	19,940	19,475
36	20	97 985	21 898,956	432 826,997	19,765	19,300
37	21	97 883	20 984,259	410 928,040	19,583	19,117
38	22	97 771	20 105,746	389 943,782	19,395	18,929
39	23	97 651	19 262,360	369 838,035	19,200	18,735
40	24	97 525	18 453,179	350 575,675	18,998	18,533
41	25	97 386	17 675,801	332 122,496	18,790	18,324
42	26	97 238	16 929,369	314 446,695	18,574	18,109
43	27	97 080	16 212,755	297 517,326	18,351	17,886
44	28	96 909	15 524,516	281 304,571	18,120	17,655
45	29	96 712	14 861,344	265 780,055	17,884	17,419
46	30	96 498	14 223,882	250 918,711	17,641	17,175
47	31	96 257	13 609,962	236 694,829	17,391	16,926
48	32	95 999	13 020,116	223 084,868	17,134	16,669
49	33	95 711	12 451,887	210 064,752	16,870	16,405
50	34	95 392	11 904,475	197 612,865	16,600	16,135
51	35	95 037	11 376,580	185 708,390	16,324	15,859
52	36	94 646	10 867,907	174 331,810	16,041	15,576
53	37	94 211	10 376,925	163 463,903	15,753	15,287
54	38	93 724	9 902,425	153 086,978	15,460	14,994
55	39	93 169	9 442,531	143 184,553	15,164	14,699
56	40	92 563	8 998,618	133 742,022	14,863	14,397
57	41	91 890	8 569,027	124 743,405	14,557	14,092
58	42	91 148	8 153,381	116 174,378	14,249	13,783
59	43	90 333	7 751,040	108 020,997	13,936	13,471
60	44	89 445	7 361,911	100 269,957	13,620	13,155
61	45	88 479	6 985,572	92 908,046	13,300	12,835
62	46	87 421	6 620,639	85 922,474	12,978	12,513
63	47	86 272	6 267,258	79 301,835	12,653	12,188
64	48	85 036	5 925,606	73 034,577	12,325	11,860
65	49	83 690	5 594,091	67 108,971	11,996	11,531
66	50	82 255	5 274,049	61 514,880	11,664	11,198
67	51	80 740	4 965,810	56 240,831	11,326	10,860
68	52	79 117	4 667,621	51 275,021	10,985	10,520
69	53	77 418	4 381,214	46 607,400	10,638	10,173
70	54	75 590	4 103,367	42 226,186	10,291	9,825
71	55	73 691	3 837,182	38 122,819	9,935	9,470
72	56	71 642	3 578,407	34 285,637	9,581	9,116
73	57	69 516	3 330,691	30 707,230	9,219	8,754
74	58	67 253	3 090,889	27 376,539	8,857	8,392
75	59	64 879	2 860,223	24 285,650	8,491	8,026
76	60	62 403	2 638,896	21 425,427	8,119	7,654
77	61	59 766	2 424,360	18 786,531	7,749	7,284
78	62	57 008	2 218,202	16 362,171	7,376	6,911
79	63	54 082	2 018,564	14 143,969	7,007	6,542
80	64	51 006	1 826,145	12 125,405	6,640	6,175
81	65	47 768	1 640,511	10 299,260	6,278	5,813
82	66	44 330	1 460,349	8 658,750	5,929	5,464
83	67	40 749	1 287,656	7 198,400	5,590	5,125
84	68	37 074	1 123,782	5 910,744	5,260	4,794
85	69	33 311	968,558	4 786,962	4,942	4,477
86	70	29 480	822,206	3 818,404	4,644	4,179
87	71	25 682	687,085	2 996,198	4,361	3,896
88	72	21 984	564,170	2 309,113	4,093	3,628
89	73	18 438	453,872	1 744,943	3,845	3,379
90	74	15 141	357,517	1 291,071	3,611	3,146
91	75	12 171	275,668	933,554	3,387	2,921
92	76	9 560	207,715	657,885	3,167	2,702
93	77	7 246	151,012	450,171	2,981	2,516
94	78	5 352	106,987	299,158	2,796	2,331
95	79	3 799	72,859	192,171	2,638	2,172
96	80	2 612	48,054	119,312	2,483	2,018
97	81	1 706	30,096	71,258	2,368	1,902
98	82	1 083	18,335	41,162	2,245	1,780
99	83	658	10,686	22,827	2,136	1,671
100	84	383	5,958	12,142	2,038	1,573

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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17	0	99 449	49 012,607	1 085 847,808	22,154	21,689
18	1	99 123	46 860,318	1 036 835,201	22,126	21,661
19	2	99 060	44 921,581	989 974,882	22,038	21,573
20	3	99 009	43 067,759	945 053,301	21,943	21,478
21	4	98 956	41 289,901	901 985,542	21,845	21,380
22	5	98 906	39 586,780	860 695,641	21,742	21,277
23	6	98 853	37 952,323	821 108,861	21,635	21,170
24	7	98 803	36 386,977	783 156,538	21,523	21,058
25	8	98 752	34 885,380	746 769,561	21,406	20,941
26	9	98 702	33 446,210	711 884,180	21,284	20,819
27	10	98 650	32 066,012	678 437,971	21,158	20,692
28	11	98 599	30 742,761	646 371,959	21,025	20,560
29	12	98 544	29 472,881	615 629,198	20,888	20,423
30	13	98 484	28 254,382	586 156,317	20,746	20,280
31	14	98 420	27 084,758	557 901,935	20,598	20,133
32	15	98 350	25 962,188	530 817,177	20,446	19,981
33	16	98 276	24 884,961	504 854,988	20,288	19,822
34	17	98 190	23 849,488	479 970,028	20,125	19,660
35	18	98 101	22 856,489	456 120,540	19,956	19,491
36	19	98 003	21 902,785	433 264,051	19,781	19,316
37	20	97 901	20 988,139	411 361,266	19,600	19,134
38	21	97 787	20 109,062	390 373,127	19,413	18,948
39	22	97 667	19 265,496	370 264,065	19,219	18,754
40	23	97 542	18 456,501	350 998,568	19,018	18,552
41	24	97 404	17 678,982	332 542,068	18,810	18,345
42	25	97 256	16 932,590	314 863,085	18,595	18,130
43	26	97 098	16 215,806	297 930,495	18,373	17,908
44	27	96 930	15 527,857	281 714,689	18,143	17,677
45	28	96 735	14 864,847	266 186,832	17,907	17,442
46	29	96 523	14 227,564	251 321,985	17,664	17,199
47	30	96 287	13 614,279	237 094,421	17,415	16,950
48	31	96 029	13 024,206	223 480,142	17,159	16,694
49	32	95 744	12 456,154	210 455,937	16,896	16,431
50	33	95 427	11 908,766	197 999,782	16,626	16,161
51	34	95 075	11 381,201	186 091,016	16,351	15,886
52	35	94 685	10 872,388	174 709,815	16,069	15,604
53	36	94 254	10 381,685	163 837,427	15,781	15,316
54	37	93 768	9 907,127	153 455,742	15,489	15,024
55	38	93 225	9 448,231	143 548,615	15,193	14,728
56	39	92 618	9 004,030	134 100,384	14,893	14,428
57	40	91 953	8 574,907	125 096,354	14,589	14,123
58	41	91 216	8 159,421	116 521,447	14,281	13,815
59	42	90 405	7 757,197	108 362,026	13,969	13,504
60	43	89 526	7 368,602	100 604,829	13,653	13,188
61	44	88 565	6 992,359	93 236,227	13,334	12,869
62	45	87 522	6 628,277	86 243,868	13,012	12,546
63	46	86 377	6 274,898	79 615,591	12,688	12,223
64	47	85 152	5 933,737	73 340,694	12,360	11,895
65	48	83 824	5 603,023	67 406,957	12,030	11,565
66	49	82 399	5 283,285	61 803,935	11,698	11,233
67	50	80 889	4 975,029	56 520,650	11,361	10,896
68	51	79 287	4 677,644	51 545,621	11,020	10,554
69	52	77 599	4 391,459	46 867,977	10,673	10,207
70	53	75 785	4 113,931	42 476,518	10,325	9,860
71	54	73 904	3 848,298	38 362,587	9,969	9,503
72	55	71 875	3 590,058	34 514,289	9,614	9,149
73	56	69 766	3 342,648	30 924,231	9,251	8,786
74	57	67 518	3 103,066	27 581,583	8,888	8,423
75	58	65 163	2 872,718	24 478,517	8,521	8,056
76	59	62 698	2 651,374	21 605,799	8,149	7,684
77	60	60 083	2 437,219	18 954,425	7,777	7,312
78	61	57 334	2 230,886	16 517,206	7,404	6,939
79	62	54 416	2 031,023	14 286,320	7,034	6,569
80	63	51 352	1 838,553	12 255,297	6,666	6,201
81	64	48 128	1 652,862	10 416,744	6,302	5,837
82	65	44 686	1 472,083	8 763,882	5,953	5,488
83	66	41 109	1 299,038	7 291,799	5,613	5,148
84	67	37 429	1 134,540	5 992,761	5,282	4,817
85	68	33 664	978,802	4 858,221	4,963	4,498
86	69	29 824	831,817	3 879,419	4,664	4,199
87	70	26 010	695,852	3 047,602	4,380	3,914
88	71	22 289	572,008	2 351,750	4,111	3,646
89	72	18 715	460,697	1 779,742	3,863	3,398
90	73	15 393	363,484	1 319,045	3,629	3,164
91	74	12 392	280,676	955,561	3,404	2,939
92	75	9 748	211,788	674,885	3,187	2,721
93	76	7 406	154,341	463,097	3,000	2,535
94	77	5 482	109,595	308,756	2,817	2,352
95	78	3 907	74,915	199,161	2,658	2,193
96	79	2 697	49,612	124,246	2,504	2,039
97	80	1 770	31,235	74,633	2,389	1,924
98	81	1 132	19,152	43,399	2,266	1,801
99	82	692	11,241	24,246	2,157	1,692
100	83	406	6,316	13,005	2,059	1,594

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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18	0	99 422	47 001,574	1 037 436,223	22,072	21,607
19	1	99 085	44 932,722	990 434,648	22,043	21,577
20	2	99 021	43 073,110	945 501,927	21,951	21,486
21	3	98 966	41 294,159	902 428,817	21,854	21,388
22	4	98 916	39 590,569	861 134,657	21,751	21,286
23	5	98 861	37 955,704	821 544,089	21,645	21,180
24	6	98 812	36 390,196	783 588,385	21,533	21,068
25	7	98 756	34 887,001	747 198,188	21,418	20,952
26	8	98 709	33 448,540	712 311,187	21,296	20,831
27	9	98 656	32 067,974	678 862,647	21,169	20,704
28	10	98 605	30 744,559	646 794,673	21,038	20,572
29	11	98 551	29 475,161	616 050,114	20,901	20,435
30	12	98 492	28 256,601	586 574,954	20,759	20,294
31	13	98 429	27 087,310	558 318,353	20,612	20,147
32	14	98 359	25 964,582	531 231,043	20,460	19,995
33	15	98 288	24 887,989	505 266,460	20,302	19,836
34	16	98 204	23 853,000	480 378,472	20,139	19,674
35	17	98 114	22 859,602	456 525,471	19,971	19,506
36	18	98 022	21 907,101	433 665,870	19,796	19,330
37	19	97 918	20 991,808	411 758,769	19,615	19,150
38	20	97 805	20 112,781	390 766,961	19,429	18,964
39	21	97 683	19 268,674	370 654,180	19,236	18,771
40	22	97 558	18 459,506	351 385,506	19,035	18,570
41	23	97 421	17 682,164	332 926,000	18,828	18,363
42	24	97 274	16 935,638	315 243,836	18,614	18,149
43	25	97 116	16 218,892	298 308,198	18,393	17,927
44	26	96 948	15 530,780	282 089,307	18,163	17,698
45	27	96 756	14 868,046	266 558,527	17,928	17,463
46	28	96 545	14 230,917	251 690,480	17,686	17,221
47	29	96 312	13 617,803	237 459,563	17,437	16,972
48	30	96 059	13 028,337	223 841,761	17,181	16,716
49	31	95 774	12 460,067	210 813,423	16,919	16,454
50	32	95 459	11 912,848	198 353,356	16,650	16,185
51	33	95 109	11 385,304	186 440,508	16,376	15,910
52	34	94 723	10 876,804	175 055,205	16,094	15,629
53	35	94 293	10 385,965	164 178,401	15,808	15,342
54	36	93 811	9 911,672	153 792,436	15,516	15,051
55	37	93 270	9 452,718	143 880,764	15,221	14,756
56	38	92 674	9 009,465	134 428,047	14,921	14,456
57	39	92 008	8 580,065	125 418,581	14,617	14,152
58	40	91 279	8 165,019	116 838,517	14,310	13,844
59	41	90 472	7 762,944	108 673,497	13,999	13,534
60	42	89 597	7 374,456	100 910,553	13,684	13,219
61	43	88 646	6 998,714	93 536,098	13,365	12,900
62	44	87 607	6 634,716	86 537,384	13,043	12,578
63	45	86 477	6 282,136	79 902,667	12,719	12,254
64	46	85 256	5 940,970	73 620,531	12,392	11,927
65	47	83 939	5 610,711	67 679,561	12,063	11,597
66	48	82 531	5 291,720	62 068,850	11,729	11,264
67	49	81 031	4 983,741	56 777,130	11,392	10,927
68	50	79 434	4 686,329	51 793,389	11,052	10,587
69	51	77 766	4 400,888	47 107,060	10,704	10,239
70	52	75 962	4 123,551	42 706,172	10,357	9,891
71	53	74 094	3 858,205	38 582,621	10,000	9,535
72	54	72 083	3 600,459	34 724,416	9,644	9,179
73	55	69 993	3 353,531	31 123,958	9,281	8,816
74	56	67 760	3 114,205	27 770,426	8,917	8,452
75	57	65 419	2 884,035	24 656,221	8,549	8,084
76	58	62 972	2 662,956	21 772,185	8,176	7,711
77	59	60 367	2 448,743	19 109,229	7,804	7,338
78	60	57 638	2 242,719	16 660,485	7,429	6,963
79	61	54 727	2 042,637	14 417,767	7,058	6,593
80	62	51 669	1 849,901	12 375,130	6,690	6,224
81	63	48 455	1 664,093	10 525,228	6,325	5,860
82	64	45 022	1 483,166	8 861,136	5,974	5,509
83	65	41 439	1 309,475	7 377,970	5,634	5,169
84	66	37 760	1 144,569	6 068,495	5,302	4,837
85	67	33 986	988,172	4 923,926	4,983	4,518
86	68	30 140	840,615	3 935,753	4,682	4,217
87	69	26 314	703,986	3 095,139	4,397	3,931
88	70	22 574	579,307	2 391,153	4,128	3,662
89	71	18 975	467,097	1 811,846	3,879	3,414
90	72	15 625	368,950	1 344,749	3,645	3,180
91	73	12 598	285,361	975,800	3,420	2,954
92	74	9 925	215,635	690,439	3,202	2,737
93	75	7 551	157,367	474,804	3,017	2,552
94	76	5 603	112,011	317,436	2,834	2,369
95	77	4 002	76,741	205,425	2,677	2,212
96	78	2 773	51,012	128,684	2,523	2,057
97	79	1 828	32,248	77,672	2,409	1,943
98	80	1 174	19,877	45,424	2,285	1,820
99	81	723	11,742	25,547	2,176	1,710
100	82	427	6,644	13,805	2,078	1,612

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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19	0	99 384	45 068,167	990 991,113	21,989	21,523
20	1	99 046	43 083,792	945 922,946	21,955	21,490
21	2	98 978	41 299,290	902 839,153	21,861	21,396
22	3	98 926	39 594,652	861 539,864	21,759	21,294
23	4	98 871	37 959,336	821 945,212	21,653	21,188
24	5	98 821	36 393,438	783 985,876	21,542	21,077
25	6	98 765	34 890,087	747 592,437	21,427	20,962
26	7	98 713	33 450,094	712 702,350	21,306	20,841
27	8	98 663	32 070,208	679 252,256	21,180	20,715
28	9	98 611	30 746,440	647 182,047	21,049	20,584
29	10	98 557	29 476,885	616 435,607	20,913	20,447
30	11	98 500	28 258,786	586 958,723	20,771	20,306
31	12	98 437	27 089,437	558 699,936	20,624	20,159
32	13	98 369	25 967,029	531 610,499	20,473	20,007
33	14	98 297	24 890,284	505 643,470	20,315	19,850
34	15	98 216	23 855,903	480 753,187	20,152	19,687
35	16	98 128	22 862,968	456 897,284	19,984	19,519
36	17	98 035	21 910,084	434 034,316	19,810	19,345
37	18	97 938	20 995,945	412 124,232	19,629	19,164
38	19	97 822	20 116,297	391 128,287	19,443	18,978
39	20	97 701	19 272,237	371 011,990	19,251	18,786
40	21	97 574	18 462,551	351 739,753	19,052	18,586
41	22	97 437	17 685,044	333 277,203	18,845	18,380
42	23	97 291	16 938,686	315 592,159	18,631	18,166
43	24	97 134	16 221,810	298 653,473	18,411	17,945
44	25	96 967	15 533,735	282 431,663	18,182	17,717
45	26	96 774	14 870,845	266 897,928	17,948	17,483
46	27	96 566	14 233,980	252 027,083	17,706	17,241
47	28	96 335	13 621,013	237 793,103	17,458	16,993
48	29	96 084	13 031,709	224 172,090	17,202	16,737
49	30	95 804	12 464,020	211 140,381	16,940	16,475

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
50	31	95 489	11 916,590	198 676,361	16,672	16,207
51	32	95 142	11 389,206	186 759,772	16,398	15,933
52	33	94 757	10 880,725	175 370,566	16,118	15,652
53	34	94 331	10 390,183	164 489,841	15,831	15,366
54	35	93 850	9 915,758	154 099,658	15,541	15,076
55	36	93 312	9 457,054	144 183,900	15,246	14,781
56	37	92 718	9 013,744	134 726,846	14,947	14,482
57	38	92 064	8 585,244	125 713,102	14,643	14,178
58	39	91 333	8 169,931	117 127,858	14,336	13,871
59	40	90 534	7 768,270	108 957,928	14,026	13,561
60	41	89 663	7 379,919	101 189,657	13,711	13,246
61	42	88 716	7 004,274	93 809,738	13,393	12,928
62	43	87 687	6 640,746	86 805,464	13,072	12,606
63	44	86 561	6 288,239	80 164,718	12,748	12,283
64	45	85 354	5 947,823	73 876,479	12,421	11,956
65	46	84 041	5 617,551	67 928,656	12,092	11,627
66	47	82 644	5 298,981	62 311,105	11,759	11,294
67	48	81 160	4 991,698	57 012,124	11,421	10,956
68	49	79 573	4 694,535	52 020,426	11,081	10,616
69	50	77 910	4 409,059	47 325,891	10,734	10,269
70	51	76 125	4 132,405	42 916,831	10,385	9,920
71	52	74 268	3 867,227	38 784,426	10,029	9,564
72	53	72 269	3 609,728	34 917,199	9,673	9,208
73	54	70 196	3 363,247	31 307,471	9,309	8,843
74	55	67 981	3 124,345	27 944,225	8,944	8,479
75	56	65 654	2 894,388	24 819,879	8,575	8,110
76	57	63 220	2 673,447	21 925,491	8,201	7,736
77	58	60 631	2 459,441	19 252,044	7,828	7,363
78	59	57 910	2 253,324	16 792,603	7,452	6,987
79	60	55 017	2 053,471	14 539,279	7,080	6,615
80	61	51 965	1 860,480	12 485,808	6,711	6,246
81	62	48 754	1 674,364	10 625,328	6,346	5,881
82	63	45 328	1 493,244	8 950,964	5,994	5,529
83	64	41 751	1 319,334	7 457,721	5,653	5,187
84	65	38 063	1 153,765	6 138,387	5,320	4,855
85	66	34 286	996,907	4 984,622	5,000	4,535
86	67	30 428	848,662	3 987,714	4,699	4,234
87	68	26 592	711,432	3 139,053	4,412	3,947
88	69	22 838	586,078	2 427,621	4,142	3,677
89	70	19 217	473,057	1 841,542	3,893	3,428
90	71	15 842	374,075	1 368,486	3,658	3,193
91	72	12 788	289,652	994,411	3,433	2,968
92	73	10 090	219,234	704,759	3,215	2,749
93	74	7 688	160,226	485,525	3,030	2,565
94	75	5 713	114,207	325,299	2,848	2,383
95	76	4 090	78,433	211,091	2,691	2,226
96	77	2 841	52,256	132,658	2,539	2,073
97	78	1 879	33,158	80,402	2,425	1,960
98	79	1 212	20,522	47,244	2,302	1,837
99	80	751	12,186	26,723	2,193	1,728
100	81	446	6,940	14,536	2,094	1,629

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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20	0	99 344	43 213,664	946 438,286	21,901	21,436
21	1	99 003	41 309,532	903 224,621	21,865	21,400
22	2	98 938	39 599,571	861 915,089	21,766	21,301
23	3	98 881	37 963,251	822 315,518	21,661	21,196
24	4	98 830	36 396,921	784 352,267	21,550	21,085
25	5	98 774	34 893,196	747 955,346	21,436	20,970
26	6	98 722	33 453,054	713 062,150	21,315	20,850
27	7	98 668	32 071,698	679 609,097	21,190	20,725
28	8	98 618	30 748,583	647 537,398	21,059	20,594
29	9	98 563	29 478,688	616 788,816	20,923	20,458
30	10	98 506	28 260,439	587 310,128	20,782	20,317
31	11	98 445	27 091,532	559 049,688	20,636	20,170
32	12	98 376	25 969,068	531 958,156	20,484	20,019
33	13	98 306	24 892,629	505 989,088	20,327	19,862
34	14	98 225	23 858,103	481 096,459	20,165	19,700
35	15	98 140	22 865,750	457 238,357	19,997	19,531
36	16	98 050	21 913,311	434 372,607	19,822	19,357
37	17	97 951	20 998,804	412 459,296	19,642	19,177
38	18	97 842	20 120,261	391 460,492	19,456	18,991
39	19	97 718	19 275,606	371 340,231	19,265	18,800
40	20	97 592	18 465,965	352 064,625	19,066	18,600
41	21	97 453	17 687,960	333 598,660	18,860	18,395
42	22	97 307	16 941,444	315 910,700	18,647	18,182
43	23	97 151	16 224,730	298 969,256	18,427	17,962
44	24	96 984	15 536,530	282 744,526	18,199	17,733
45	25	96 792	14 873,674	267 207,995	17,965	17,500
46	26	96 584	14 236,659	252 334,321	17,724	17,259
47	27	96 356	13 623,944	238 097,662	17,476	17,011
48	28	96 107	13 034,781	224 473,717	17,221	16,756
49	29	95 829	12 467,246	211 438,936	16,960	16,494
50	30	95 520	11 920,370	198 971,691	16,692	16,227
51	31	95 172	11 392,783	187 051,321	16,418	15,953
52	32	94 790	10 884,454	175 658,537	16,138	15,673
53	33	94 365	10 393,929	164 774,084	15,853	15,388
54	34	93 888	9 919,786	154 380,155	15,563	15,098
55	35	93 351	9 460,953	144 460,369	15,269	14,804
56	36	92 761	9 017,878	134 999,416	14,970	14,505
57	37	92 107	8 589,321	125 981,538	14,667	14,202
58	38	91 389	8 174,862	117 392,217	14,360	13,895
59	39	90 589	7 772,943	109 217,355	14,051	13,586
60	40	89 725	7 384,983	101 444,412	13,737	13,271
61	41	88 782	7 009,463	94 059,429	13,419	12,954
62	42	87 756	6 646,022	87 049,967	13,098	12,633
63	43	86 639	6 293,955	80 403,945	12,775	12,310
64	44	85 437	5 953,602	74 109,990	12,448	11,983
65	45	84 138	5 624,031	68 156,389	12,119	11,654
66	46	82 745	5 305,440	62 532,358	11,786	11,321
67	47	81 272	4 998,548	57 226,917	11,449	10,983
68	48	79 700	4 702,030	52 228,369	11,108	10,642
69	49	78 047	4 416,780	47 526,339	10,760	10,295
70	50	76 266	4 140,078	43 109,559	10,413	9,948
71	51	74 427	3 875,531	38 969,481	10,055	9,590
72	52	72 438	3 618,169	35 093,950	9,699	9,234
73	53	70 377	3 371,905	31 475,782	9,335	8,870
74	54	68 178	3 133,397	28 103,877	8,969	8,504
75	55	65 868	2 903,812	24 970,480	8,599	8,134
76	56	63 447	2 683,045	22 066,668	8,224	7,759
77	57	60 870	2 469,130	19 383,623	7,850	7,385
78	58	58 163	2 263,167	16 914,493	7,474	7,009
79	59	55 277	2 063,181	14 651,326	7,101	6,636
80	60	52 241	1 870,348	12 588,145	6,730	6,265
81	61	49 033	1 683,939	10 717,797	6,365	5,900
82	62	45 608	1 502,460	9 033,859	6,013	5,547
83	63	42 035	1 328,299	7 531,398	5,670	5,205
84	64	38 350	1 162,452	6 203,100	5,336	4,871
85	65	34 562	1 004,917	5 040,648	5,016	4,551
86	66	30 697	856,164	4 035,731	4,714	4,249
87	67	26 847	718,242	3 179,567	4,427	3,962
88	68	23 079	592,277	2 461,325	4,156	3,690
89	69	19 442	478,586	1 869,048	3,905	3,440
90	70	16 044	378,848	1 390,462	3,670	3,205
91	71	12 966	293,676	1 011,614	3,445	2,979
92	72	10 242	222,531	717,938	3,226	2,761
93	73	7 816	162,901	495,407	3,041	2,576
94	74	5 817	116,282	332,507	2,859	2,394
95	75	4 170	79,971	216,225	2,704	2,239
96	76	2 903	53,408	136,254	2,551	2,086
97	77	1 925	33,966	82,846	2,439	1,974
98	78	1 247	21,101	48,880	2,316	1,851
99	79	775	12,582	27,779	2,208	1,743
100	80	463	7,203	15,197	2,110	1,645

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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21	0	99 301	41 434,056	903 701,996	21,811	21,345
22	1	98 963	39 609,392	862 267,940	21,769	21,304
23	2	98 893	37 967,968	822 658,548	21,667	21,202
24	3	98 841	36 400,675	784 690,580	21,557	21,092
25	4	98 783	34 896,535	748 289,906	21,443	20,978
26	5	98 731	33 456,034	713 393,371	21,323	20,858
27	6	98 677	32 074,536	679 937,337	21,199	20,733
28	7	98 622	30 750,011	647 862,801	21,069	20,603
29	8	98 570	29 480,742	617 112,790	20,933	20,468
30	9	98 512	28 262,168	587 632,048	20,792	20,327
31	10	98 450	27 093,117	559 369,879	20,646	20,181
32	11	98 384	25 971,076	532 276,763	20,495	20,030
33	12	98 314	24 894,584	506 305,686	20,338	19,873
34	13	98 234	23 860,351	481 411,103	20,176	19,711
35	14	98 149	22 867,859	457 550,752	20,008	19,543
36	15	98 062	21 915,977	434 682,893	19,834	19,369
37	16	97 965	21 001,896	412 766,916	19,654	19,189
38	17	97 855	20 123,001	391 765,020	19,469	19,003
39	18	97 737	19 279,404	371 642,019	19,277	18,811
40	19	97 609	18 469,193	352 362,614	19,078	18,613
41	20	97 471	17 691,231	333 893,422	18,873	18,408
42	21	97 323	16 944,238	316 202,190	18,661	18,196
43	22	97 167	16 227,372	299 257,952	18,442	17,976
44	23	97 002	15 539,327	283 030,580	18,214	17,749
45	24	96 810	14 876,351	267 491,253	17,981	17,516
46	25	96 603	14 239,368	252 614,902	17,741	17,275
47	26	96 374	13 626,509	238 375,534	17,494	17,028
48	27	96 128	13 037,587	224 749,025	17,239	16,773
49	28	95 852	12 470,184	211 711,439	16,977	16,512
50	29	95 544	11 923,455	199 241,255	16,710	16,245
51	30	95 202	11 396,397	187 317,799	16,437	15,971
52	31	94 820	10 887,873	175 921,402	16,158	15,692
53	32	94 397	10 397,491	165 033,529	15,872	15,407
54	33	93 922	9 923,361	154 636,038	15,583	15,118
55	34	93 389	9 464,796	144 712,677	15,290	14,824
56	35	92 799	9 021,597	135 247,881	14,992	14,526
57	36	92 150	8 593,261	126 226,285	14,689	14,224
58	37	91 432	8 178,744	117 633,024	14,383	13,918
59	38	90 643	7 777,635	109 454,280	14,073	13,608
60	39	89 779	7 389,425	101 676,645	13,760	13,295
61	40	88 843	7 014,272	94 287,220	13,442	12,977
62	41	87 821	6 650,945	87 272,947	13,122	12,657
63	42	86 708	6 298,954	80 622,002	12,799	12,334
64	43	85 515	5 959,013	74 323,048	12,472	12,007
65	44	84 220	5 629,495	68 364,035	12,144	11,679
66	45	82 840	5 311,561	62 734,540	11,811	11,346
67	46	81 371	5 004,641	57 422,980	11,474	11,009
68	47	79 809	4 708,482	52 418,339	11,133	10,668
69	48	78 171	4 423,832	47 709,856	10,785	10,320
70	49	76 400	4 147,327	43 286,024	10,437	9,972
71	50	74 565	3 882,727	39 138,697	10,080	9,615
72	51	72 593	3 625,938	35 255,970	9,723	9,258
73	52	70 541	3 379,790	31 630,032	9,359	8,893
74	53	68 353	3 141,463	28 250,243	8,993	8,527
75	54	66 059	2 912,225	25 108,780	8,622	8,157
76	55	63 653	2 691,781	22 196,555	8,246	7,781
77	56	61 088	2 477,993	19 504,774	7,871	7,406
78	57	58 393	2 272,083	17 026,781	7,494	7,029
79	58	55 519	2 072,194	14 754,697	7,120	6,655
80	59	52 488	1 879,192	12 682,504	6,749	6,284
81	60	49 293	1 692,870	10 803,312	6,382	5,916
82	61	45 869	1 511,052	9 110,441	6,029	5,564
83	62	42 294	1 336,497	7 599,389	5,686	5,221
84	63	38 610	1 170,350	6 262,892	5,351	4,886
85	64	34 822	1 012,483	5 092,542	5,030	4,565
86	65	30 944	863,043	4 080,059	4,728	4,262
87	66	27 084	724,591	3 217,017	4,440	3,975
88	67	23 300	597,947	2 492,425	4,168	3,703
89	68	19 647	483,648	1 894,478	3,917	3,452
90	69	16 231	383,277	1 410,830	3,681	3,216
91	70	13 131	297,423	1 027,554	3,455	2,990
92	71	10 384	225,622	730,131	3,236	2,771
93	72	7 934	165,350	504,509	3,051	2,586
94	73	5 914	118,223	339,159	2,869	2,404
95	74	4 246	81,424	220,936	2,713	2,248
96	75	2 960	54,455	139,512	2,562	2,097
97	76	1 967	34,715	85,057	2,450	1,985
98	77	1 277	21,615	50,342	2,329	1,864
99	78	797	12,937	28,727	2,221	1,755
100	79	478	7,437	15,790	2,123	1,658

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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22	0	99 261	39 728,791	862 710,269	21,715	21,250
23	1	98 918	37 977,384	822 981,478	21,670	21,205
24	2	98 853	36 405,197	785 004,094	21,563	21,098
25	3	98 794	34 900,134	748 598,897	21,450	20,985
26	4	98 740	33 459,236	713 698,763	21,330	20,865
27	5	98 685	32 077,393	680 239,527	21,206	20,741
28	6	98 631	30 752,731	648 162,134	21,077	20,611
29	7	98 574	29 482,112	617 409,403	20,942	20,477
30	8	98 518	28 264,138	587 927,291	20,801	20,336
31	9	98 456	27 094,774	559 663,153	20,656	20,191
32	10	98 390	25 972,596	532 568,379	20,505	20,040
33	11	98 322	24 896,509	506 595,783	20,348	19,883
34	12	98 242	23 862,224	481 699,274	20,187	19,721
35	13	98 159	22 870,014	457 837,050	20,019	19,554
36	14	98 071	21 917,998	434 967,037	19,845	19,380
37	15	97 977	21 004,452	413 049,038	19,665	19,200
38	16	97 869	20 125,964	392 044,587	19,480	19,014
39	17	97 751	19 282,030	371 918,622	19,288	18,823
40	18	97 628	18 472,832	352 636,592	19,089	18,624
41	19	97 488	17 694,324	334 163,760	18,885	18,420
42	20	97 341	16 947,371	316 469,436	18,674	18,208
43	21	97 183	16 230,049	299 522,065	18,455	17,990
44	22	97 017	15 541,857	283 292,016	18,228	17,762
45	23	96 827	14 879,029	267 750,159	17,995	17,530
46	24	96 620	14 241,931	252 871,130	17,755	17,290
47	25	96 392	13 629,101	238 629,200	17,509	17,044
48	26	96 146	13 040,041	225 000,098	17,255	16,789
49	27	95 872	12 472,868	211 960,058	16,994	16,528
50	28	95 567	11 926,266	199 487,189	16,727	16,261
51	29	95 227	11 399,347	187 560,924	16,454	15,988
52	30	94 850	10 891,327	176 161,577	16,174	15,709
53	31	94 427	10 400,757	165 270,250	15,890	15,425
54	32	93 954	9 926,763	154 869,493	15,601	15,136
55	33	93 422	9 468,207	144 942,730	15,308	14,843
56	34	92 837	9 025,261	135 474,523	15,011	14,545
57	35	92 188	8 596,804	126 449,262	14,709	14,244
58	36	91 474	8 182,496	117 852,459	14,403	13,938
59	37	90 686	7 781,328	109 669,963	14,094	13,629
60	38	89 833	7 393,885	101 888,634	13,780	13,315
61	39	88 896	7 018,492	94 494,749	13,464	12,998
62	40	87 881	6 655,509	87 476,257	13,143	12,678
63	41	86 772	6 303,621	80 820,749	12,821	12,356
64	42	85 583	5 963,747	74 517,128	12,495	12,030
65	43	84 296	5 634,611	68 553,381	12,166	11,701
66	44	82 921	5 316,721	62 918,770	11,834	11,369
67	45	81 465	5 010,414	57 602,049	11,496	11,031
68	46	79 907	4 714,222	52 591,635	11,156	10,691
69	47	78 279	4 429,902	47 877,413	10,808	10,343
70	48	76 522	4 153,949	43 447,511	10,459	9,994
71	49	74 696	3 889,526	39 293,562	10,102	9,637
72	50	72 728	3 632,670	35 404,036	9,746	9,281
73	51	70 693	3 387,047	31 771,366	9,380	8,915
74	52	68 513	3 148,809	28 384,319	9,014	8,549
75	53	66 229	2 919,722	25 235,510	8,643	8,178
76	54	63 838	2 699,579	22 315,788	8,266	7,801
77	55	61 287	2 486,062	19 616,209	7,890	7,425
78	56	58 602	2 280,239	17 130,147	7,512	7,047
79	57	55 737	2 080,358	14 849,908	7,138	6,673
80	58	52 717	1 887,401	12 769,550	6,766	6,300
81	59	49 526	1 700,875	10 882,149	6,398	5,933
82	60	46 112	1 519,066	9 181,274	6,044	5,579
83	61	42 536	1 344,140	7 662,207	5,700	5,235
84	62	38 849	1 177,574	6 318,067	5,365	4,900
85	63	35 059	1 019,362	5 140,494	5,043	4,578
86	64	31 177	869,540	4 121,131	4,739	4,274
87	65	27 301	730,413	3 251,591	4,452	3,986
88	66	23 506	603,232	2 521,178	4,179	3,714
89	67	19 835	488,278	1 917,945	3,928	3,463
90	68	16 403	387,330	1 429,667	3,691	3,226
91	69	13 284	300,899	1 042,337	3,464	2,999
92	70	10 517	228,501	741,437	3,245	2,780
93	71	8 044	167,647	512,937	3,060	2,594
94	72	6 003	120,001	345,290	2,877	2,412
95	73	4 317	82,783	225,289	2,721	2,256
96	74	3 014	55,444	142,506	2,570	2,105
97	75	2 006	35,396	87,062	2,460	1,994
98	76	1 305	22,092	51,666	2,339	1,874
99	77	816	13,252	29,575	2,232	1,766
100	78	491	7,647	16,323	2,135	1,669

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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23	0	99 216	38 091,863	823 391,447	21,616	21,151
24	1	98 877	36 414,226	785 299,584	21,566	21,101
25	2	98 806	34 904,470	748 885,358	21,455	20,990
26	3	98 750	33 462,686	713 980,888	21,337	20,871
27	4	98 695	32 080,463	680 518,202	21,213	20,748
28	5	98 640	30 755,471	648 437,739	21,084	20,618
29	6	98 583	29 484,720	617 682,268	20,949	20,484
30	7	98 523	28 265,451	588 197,548	20,810	20,345
31	8	98 463	27 096,662	559 932,097	20,664	20,199
32	9	98 396	25 974,184	532 835,434	20,514	20,049
33	10	98 327	24 897,965	506 861,250	20,358	19,892
34	11	98 250	23 864,070	481 963,285	20,196	19,731
35	12	98 166	22 871,809	458 099,215	20,029	19,564
36	13	98 080	21 920,063	435 227,406	19,855	19,390
37	14	97 986	21 006,389	413 307,342	19,675	19,210
38	15	97 881	20 128,413	392 300,953	19,490	19,025
39	16	97 765	19 284,869	372 172,540	19,299	18,833
40	17	97 642	18 475,348	352 887,671	19,100	18,635
41	18	97 508	17 697,811	334 412,323	18,896	18,430
42	19	97 358	16 950,334	316 714,512	18,685	18,220
43	20	97 201	16 233,050	299 764,178	18,466	18,001
44	21	97 033	15 544,421	283 531,128	18,240	17,775
45	22	96 843	14 881,451	267 986,707	18,008	17,543
46	23	96 638	14 244,494	253 105,256	17,769	17,303
47	24	96 410	13 631,554	238 860,762	17,523	17,057
48	25	96 164	13 042,522	225 229,208	17,269	16,804
49	26	95 890	12 475,216	212 186,686	17,009	16,543
50	27	95 588	11 928,833	199 711,470	16,742	16,277
51	28	95 249	11 402,034	187 782,637	16,469	16,004
52	29	94 874	10 894,146	176 380,604	16,190	15,725
53	30	94 457	10 404,056	165 486,458	15,906	15,441
54	31	93 983	9 929,881	155 082,401	15,618	15,153
55	32	93 454	9 471,453	145 152,521	15,325	14,860
56	33	92 870	9 028,514	135 681,068	15,028	14,563
57	34	92 225	8 600,295	126 652,554	14,727	14,261
58	35	91 512	8 185,870	118 052,259	14,421	13,956
59	36	90 728	7 784,898	109 866,389	14,113	13,648
60	37	89 876	7 397,396	102 081,491	13,800	13,334
61	38	88 950	7 022,728	94 684,095	13,483	13,017
62	39	87 934	6 659,512	87 661,367	13,163	12,698
63	40	86 832	6 307,946	81 001,855	12,841	12,376
64	41	85 646	5 968,165	74 693,909	12,515	12,050
65	42	84 363	5 639,087	68 725,744	12,187	11,722
66	43	82 996	5 321,553	63 086,657	11,855	11,390
67	44	81 544	5 015,282	57 765,104	11,518	11,053
68	45	79 999	4 719,660	52 749,822	11,177	10,711
69	46	78 374	4 435,302	48 030,162	10,829	10,364
70	47	76 627	4 159,649	43 594,859	10,480	10,015
71	48	74 815	3 895,736	39 435,210	10,123	9,657
72	49	72 856	3 639,031	35 539,475	9,766	9,301
73	50	70 824	3 393,336	31 900,443	9,401	8,936
74	51	68 660	3 155,571	28 507,108	9,034	8,569
75	52	66 384	2 926,549	25 351,537	8,663	8,197
76	53	64 002	2 706,528	22 424,988	8,286	7,820
77	54	61 465	2 493,264	19 718,459	7,909	7,443
78	55	58 793	2 287,664	17 225,195	7,530	7,064
79	56	55 938	2 087,826	14 937,531	7,155	6,689
80	57	52 925	1 894,836	12 849,706	6,781	6,316
81	58	49 742	1 708,305	10 954,869	6,413	5,947
82	59	46 330	1 526,250	9 246,564	6,058	5,593
83	60	42 762	1 351,269	7 720,314	5,713	5,248
84	61	39 071	1 184,308	6 369,045	5,378	4,913
85	62	35 275	1 025,654	5 184,737	5,055	4,590
86	63	31 389	875,449	4 159,083	4,751	4,286
87	64	27 507	735,912	3 283,634	4,462	3,997
88	65	23 695	608,079	2 547,722	4,190	3,725
89	66	20 011	492,594	1 939,643	3,938	3,472
90	67	16 560	391,038	1 447,049	3,701	3,235
91	68	13 425	304,082	1 056,011	3,473	3,008
92	69	10 640	231,172	751,929	3,253	2,787
93	70	8 147	169,786	520,757	3,067	2,602
94	71	6 086	121,668	350,971	2,885	2,419
95	72	4 382	84,027	229,303	2,729	2,264
96	73	3 064	56,370	145,275	2,577	2,112
97	74	2 042	36,039	88,906	2,467	2,002
98	75	1 331	22,525	52,867	2,347	1,882
99	76	834	13,544	30,342	2,240	1,775
100	77	503	7,833	16,798	2,145	1,679

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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24	0	99 175	36 523,993	785 679,684	21,511	21,046
25	1	98 830	34 913,126	749 155,691	21,458	20,992
26	2	98 763	33 466,844	714 242,565	21,342	20,877
27	3	98 705	32 083,771	680 775,721	21,219	20,753
28	4	98 649	30 758,414	648 691,950	21,090	20,625
29	5	98 592	29 487,347	617 933,535	20,956	20,491
30	6	98 532	28 267,952	588 446,188	20,817	20,352
31	7	98 468	27 097,921	560 178,237	20,672	20,207
32	8	98 403	25 975,995	533 080,316	20,522	20,057
33	9	98 333	24 899,488	507 104,321	20,366	19,901
34	10	98 255	23 865,466	482 204,833	20,205	19,740
35	11	98 174	22 873,578	458 339,367	20,038	19,573
36	12	98 088	21 921,785	435 465,789	19,865	19,399
37	13	97 996	21 008,368	413 544,004	19,685	19,220
38	14	97 890	20 130,270	392 535,636	19,500	19,035
39	15	97 777	19 287,216	372 405,366	19,308	18,843
40	16	97 656	18 478,069	353 118,150	19,110	18,645
41	17	97 521	17 700,221	334 640,081	18,906	18,441
42	18	97 377	16 953,674	316 939,861	18,694	18,229
43	19	97 218	16 235,888	299 986,186	18,477	18,012
44	20	97 051	15 547,295	283 750,299	18,251	17,786
45	21	96 859	14 883,906	268 203,004	18,020	17,554
46	22	96 653	14 246,814	253 319,098	17,781	17,316
47	23	96 427	13 634,008	239 072,284	17,535	17,070
48	24	96 181	13 044,869	225 438,277	17,282	16,817
49	25	95 909	12 477,590	212 393,408	17,022	16,557
50	26	95 605	11 931,078	199 915,818	16,756	16,291
51	27	95 270	11 404,488	187 984,740	16,483	16,018
52	28	94 897	10 896,713	176 580,252	16,205	15,740
53	29	94 481	10 406,749	165 683,539	15,921	15,456
54	30	94 013	9 933,031	155 276,789	15,632	15,167
55	31	93 484	9 474,427	145 343,759	15,341	14,875
56	32	92 902	9 031,609	135 869,331	15,044	14,579
57	33	92 258	8 603,396	126 837,723	14,743	14,278
58	34	91 549	8 189,194	118 234,327	14,438	13,973
59	35	90 765	7 788,108	110 045,133	14,130	13,665
60	36	89 917	7 400,790	102 257,025	13,817	13,352
61	37	88 992	7 026,063	94 856,236	13,501	13,035
62	38	87 987	6 663,532	87 830,173	13,181	12,716
63	39	86 884	6 311,740	81 166,641	12,860	12,394
64	40	85 705	5 972,260	74 854,900	12,534	12,069
65	41	84 426	5 643,265	68 882,641	12,206	11,741
66	42	83 062	5 325,781	63 239,376	11,874	11,409
67	43	81 618	5 019,840	57 913,595	11,537	11,072
68	44	80 076	4 724,245	52 893,755	11,196	10,731
69	45	78 464	4 440,419	48 169,509	10,848	10,383
70	46	76 720	4 164,720	43 729,091	10,500	10,035
71	47	74 918	3 901,081	39 564,371	10,142	9,677
72	48	72 972	3 644,841	35 663,290	9,785	9,319
73	49	70 948	3 399,278	32 018,448	9,419	8,954
74	50	68 788	3 161,429	28 619,171	9,053	8,587
75	51	66 526	2 932,834	25 457,741	8,680	8,215
76	52	64 152	2 712,857	22 524,908	8,303	7,838
77	53	61 623	2 499,682	19 812,050	7,926	7,461
78	54	58 963	2 294,291	17 312,368	7,546	7,081
79	55	56 120	2 094,624	15 018,076	7,170	6,705
80	56	53 114	1 901,639	12 923,453	6,796	6,331
81	57	49 938	1 715,035	11 021,814	6,427	5,961
82	58	46 532	1 532,917	9 306,779	6,071	5,606
83	59	42 964	1 357,659	7 773,862	5,726	5,261
84	60	39 278	1 190,589	6 416,203	5,389	4,924
85	61	35 477	1 031,519	5 225,614	5,066	4,601
86	62	31 582	880,852	4 194,095	4,761	4,296
87	63	27 694	740,913	3 313,242	4,472	4,007
88	64	23 873	612,657	2 572,330	4,199	3,733
89	65	20 171	496,552	1 959,673	3,947	3,481
90	66	16 707	394,495	1 463,121	3,709	3,244
91	67	13 553	306,993	1 068,626	3,481	3,016
92	68	10 752	233,617	761,633	3,260	2,795
93	69	8 242	171,771	528,016	3,074	2,609
94	70	6 164	123,220	356,245	2,891	2,426
95	71	4 443	85,195	233,025	2,735	2,270
96	72	3 110	57,217	147,830	2,584	2,118
97	73	2 077	36,640	90,613	2,473	2,008
98	74	1 355	22,934	53,973	2,353	1,888
99	75	851	13,810	31,039	2,248	1,782
100	76	514	8,006	17,229	2,152	1,687

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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24						
25	0	99 128	35 018,369	749 508,213	21,403	20,938
26	1	98 787	33 475,144	714 489,844	21,344	20,879
27	2	98 717	32 087,757	681 014,700	21,224	20,758
28	3	98 659	30 761,587	648 926,943	21,095	20,630
29	4	98 601	29 490,169	618 165,356	20,962	20,497
30	5	98 541	28 270,470	588 675,187	20,823	20,358
31	6	98 476	27 100,319	560 404,717	20,679	20,214
32	7	98 407	25 977,201	533 304,399	20,530	20,064
33	8	98 340	24 901,224	507 327,197	20,374	19,908
34	9	98 261	23 866,926	482 425,974	20,213	19,748
35	10	98 180	22 874,916	458 559,048	20,046	19,581
36	11	98 095	21 923,480	435 684,132	19,873	19,408
37	12	98 003	21 010,018	413 760,652	19,693	19,228
38	13	97 900	20 132,166	392 750,634	19,509	19,043
39	14	97 786	19 288,995	372 618,468	19,318	18,852
40	15	97 668	18 480,317	353 329,473	19,119	18,654
41	16	97 535	17 702,828	334 849,156	18,915	18,450
42	17	97 391	16 955,983	317 146,328	18,704	18,239
43	18	97 237	16 239,087	300 190,345	18,486	18,020
44	19	97 068	15 550,013	283 951,258	18,261	17,795
45	20	96 877	14 886,658	268 401,245	18,030	17,564
46	21	96 669	14 249,163	253 514,587	17,792	17,326
47	22	96 443	13 636,228	239 265,424	17,546	17,081
48	23	96 199	13 047,217	225 629,196	17,293	16,828
49	24	95 926	12 479,835	212 581,979	17,034	16,569
50	25	95 624	11 933,348	200 102,144	16,768	16,303
51	26	95 288	11 406,635	188 168,796	16,496	16,031
52	27	94 917	10 899,059	176 762,161	16,218	15,753
53	28	94 504	10 409,202	165 863,103	15,934	15,469
54	29	94 038	9 935,602	155 453,901	15,646	15,181
55	30	93 513	9 477,433	145 518,299	15,354	14,889
56	31	92 931	9 034,445	136 040,866	15,058	14,593
57	32	92 290	8 606,344	127 006,421	14,757	14,292
58	33	91 582	8 192,146	118 400,076	14,453	13,988
59	34	90 802	7 791,271	110 207,930	14,145	13,680
60	35	89 954	7 403,841	102 416,659	13,833	13,368
61	36	89 033	7 029,286	95 012,818	13,517	13,051
62	37	88 029	6 666,696	87 983,532	13,197	12,732
63	38	86 937	6 315,550	81 316,836	12,876	12,410
64	39	85 757	5 975,852	75 001,286	12,551	12,086
65	40	84 484	5 647,137	69 025,434	12,223	11,758
66	41	83 124	5 329,726	63 378,297	11,891	11,426
67	42	81 683	5 023,828	58 048,570	11,555	11,089
68	43	80 149	4 728,539	53 024,742	11,214	10,749
69	44	78 541	4 444,733	48 296,203	10,866	10,401
70	45	76 809	4 169,524	43 851,470	10,517	10,052
71	46	75 009	3 905,837	39 681,947	10,160	9,694
72	47	73 072	3 649,843	35 776,110	9,802	9,337
73	48	71 061	3 404,705	32 126,267	9,436	8,971
74	49	68 908	3 166,965	28 721,562	9,069	8,604
75	50	66 650	2 938,279	25 554,597	8,697	8,232
76	51	64 289	2 718,683	22 616,318	8,319	7,854
77	52	61 767	2 505,528	19 897,635	7,941	7,476
78	53	59 115	2 300,198	17 392,107	7,561	7,096
79	54	56 282	2 100,692	15 091,910	7,184	6,719
80	55	53 287	1 907,830	12 991,218	6,809	6,344
81	56	50 118	1 721,192	11 083,388	6,439	5,974
82	57	46 716	1 538,956	9 362,196	6,083	5,618
83	58	43 152	1 363,590	7 823,240	5,737	5,272
84	59	39 464	1 196,219	6 459,650	5,400	4,935
85	60	35 665	1 036,990	5 263,431	5,076	4,610
86	61	31 763	885,889	4 226,440	4,771	4,306
87	62	27 865	745,486	3 340,551	4,481	4,016
88	63	24 035	616,820	2 595,066	4,207	3,742
89	64	20 323	500,291	1 978,245	3,954	3,489
90	65	16 841	397,664	1 477,955	3,717	3,251
91	66	13 673	309,707	1 080,290	3,488	3,023
92	67	10 855	235,853	770,584	3,267	2,802
93	68	8 329	173,588	534,730	3,080	2,615
94	69	6 236	124,660	361,143	2,897	2,432
95	70	4 499	86,282	236,482	2,741	2,276
96	71	3 154	58,012	150,201	2,589	2,124
97	72	2 108	37,191	92,189	2,479	2,014
98	73	1 378	23,317	54,997	2,359	1,893
99	74	866	14,061	31,681	2,253	1,788
100	75	524	8,163	17,620	2,159	1,693

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	2 197 591,393	21,976	21,510	50	50	94 053	10 412,532	158 465,043	15,219	14,753
1	1	99 344	95 066,325	2 097 591,393	22,065	21,599	51	51	93 566	9 912,618	148 052,512	14,936	14,470
2	2	99 292	90 924,864	2 002 525,068	22,024	21,558	52	52	93 020	9 430,393	138 139,894	14,648	14,183
3	3	99 264	86 985,049	1 911 600,204	21,976	21,511	53	53	92 419	8 965,966	128 709,501	14,355	13,890
4	4	99 243	83 221,630	1 824 615,154	21,925	21,459	54	54	91 749	8 517,642	119 743,535	14,058	13,593
5	5	99 223	79 621,820	1 741 393,524	21,871	21,405	55	55	90 997	8 084,101	111 225,893	13,759	13,293
6	6	99 204	76 178,689	1 661 771,704	21,814	21,349	56	56	90 166	7 665,284	103 141,792	13,456	12,990
7	7	99 187	72 885,192	1 585 593,015	21,755	21,289	57	57	89 251	7 260,816	95 476,508	13,150	12,684
8	8	99 174	69 737,347	1 512 707,824	21,692	21,226	58	58	88 249	6 870,137	88 215,692	12,840	12,375
9	9	99 158	66 723,947	1 442 970,476	21,626	21,160	59	59	87 149	6 492,310	81 345,555	12,530	12,064
10	10	99 144	63 841,652	1 376 246,530	21,557	21,092	60	60	85 963	6 128,235	74 853,245	12,214	11,749
11	11	99 130	61 084,076	1 312 404,878	21,485	21,020	61	61	84 669	5 776,050	68 725,010	11,898	11,433
12	12	99 115	58 444,618	1 251 320,801	21,410	20,945	62	62	83 277	5 436,419	62 948,960	11,579	11,114
13	13	99 101	55 919,622	1 192 876,183	21,332	20,866	63	63	81 777	5 108,661	57 512,541	11,258	10,792
14	14	99 082	53 501,428	1 136 956,561	21,251	20,785	64	64	80 171	4 792,660	52 403,880	10,934	10,469
15	15	99 059	51 185,873	1 083 455,133	21,167	20,701	65	65	78 438	4 487,129	47 611,220	10,611	10,145
16	16	99 031	48 967,908	1 032 269,259	21,081	20,615	66	66	76 613	4 193,990	43 124,091	10,282	9,817
17	17	98 992	46 840,748	983 301,351	20,992	20,527	67	67	74 681	3 912,159	38 930,102	9,951	9,485
18	18	98 951	44 805,265	936 460,604	20,901	20,435	68	68	72 641	3 641,461	35 017,943	9,616	9,151
19	19	98 894	42 850,978	891 655,339	20,808	20,343	69	69	70 502	3 382,046	31 376,482	9,277	8,812
20	20	98 837	40 982,250	848 804,361	20,712	20,246	70	70	68 217	3 131,515	27 994,436	8,940	8,474
21	21	98 777	39 193,281	807 822,111	20,611	20,146	71	71	65 856	2 892,919	24 862,921	8,594	8,129
22	22	98 720	37 484,151	768 628,830	20,505	20,040	72	72	63 353	2 663,136	21 970,003	8,250	7,784
23	23	98 659	35 847,890	731 144,679	20,396	19,930	73	73	60 780	2 444,964	19 306,866	7,897	7,431
24	24	98 601	34 283,981	695 296,789	20,281	19,815	74	74	58 064	2 235,117	16 861,902	7,544	7,078
25	25	98 537	32 786,158	661 012,807	20,161	19,696	75	75	55 255	2 035,403	14 626,785	7,186	6,721
26	26	98 475	31 354,609	628 226,649	20,036	19,571	76	76	52 370	1 846,069	12 591,382	6,821	6,355
27	27	98 411	29 984,999	596 872,040	19,906	19,440	77	77	49 336	1 664,223	10 745,314	6,457	5,991
28	28	98 344	28 674,355	566 887,041	19,770	19,304	78	78	46 202	1 491,392	9 081,091	6,089	5,623
29	29	98 274	27 419,807	538 212,686	19,629	19,163	79	79	42 891	1 324,885	7 589,699	5,729	5,263
30	30	98 197	26 218,576	510 792,879	19,482	19,016	80	80	39 447	1 166,030	6 264,813	5,373	4,907
31	31	98 111	25 067,509	484 574,302	19,331	18,865	81	81	35 864	1 014,472	5 098,783	5,026	4,560
32	32	98 019	23 965,746	459 506,793	19,173	18,708	82	82	32 118	869,386	4 084,312	4,698	4,232
33	33	97 924	22 911,335	435 541,047	19,010	18,544	83	83	28 314	733,407	3 214,926	4,384	3,918
34	34	97 817	21 900,787	412 629,711	18,841	18,375	84	84	24 532	608,092	2 481,519	4,081	3,615
35	35	97 702	20 933,061	390 728,925	18,666	18,200	85	85	20 824	493,944	1 873,426	3,793	3,327
36	36	97 583	20 007,318	369 795,864	18,483	18,017	86	86	17 225	390,979	1 379,482	3,528	3,063
37	37	97 455	19 120,532	349 788,546	18,294	17,828	87	87	13 872	301,324	988,504	3,281	2,815
38	38	97 313	18 270,556	330 668,014	18,098	17,633	88	88	10 836	225,245	687,179	3,051	2,585
39	39	97 150	17 454,582	312 397,458	17,898	17,432	89	89	8 172	162,538	461,935	2,842	2,376
40	40	96 984	16 674,313	294 942,876	17,688	17,223	90	90	5 939	113,038	299,397	2,649	2,183
41	41	96 797	15 925,603	278 268,563	17,473	17,007	91	91	4 144	75,475	186,359	2,469	2,004
42	42	96 597	15 208,219	262 342,959	17,250	16,784	92	92	2 762	48,149	110,884	2,303	1,837
43	43	96 381	14 520,816	247 134,741	17,019	16,554	93	93	1 739	28,999	62,735	2,163	1,698
44	44	96 145	13 861,524	232 613,924	16,781	16,316	94	94	1 041	16,608	33,736	2,031	1,566
45	45	95 879	13 227,915	218 752,401	16,537	16,072	95	95	585	8,931	17,128	1,918	1,452
46	46	95 581	12 618,941	205 524,485	16,287	15,821	96	96	310	4,533	8,197	1,808	1,343
47	47	95 257	12 034,557	192 905,544	16,029	15,564	97	97	150	2,100	3,664	1,745	1,279
48	48	94 901	11 473,310	180 870,987	15,764	15,299	98	98	70	0,935	1,564	1,673	1,208
49	49	94 498	10 932,633	169 397,677	15,495	15,029	99	99	31	0,393	0,629	1,603	1,137
							100	100	13	0,153	0,237	1,541	1,076

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 699	99 699,466	2 195 432,455	22,021	21,555	50	51	93 878	10 393,235	157 045,550	15,110	14,645
1	2	99 320	95 042,754	2 095 732,990	22,050	21,585	51	52	93 366	9 891,378	146 652,315	14,826	14,361
2	3	99 280	90 913,569	2 000 690,235	22,007	21,541	52	53	92 803	9 408,392	136 760,937	14,536	14,070
3	4	99 254	86 976,079	1 909 776,666	21,957	21,492	53	54	92 182	8 942,944	127 352,545	14,241	13,775
4	5	99 234	83 213,667	1 822 800,587	21,905	21,439	54	55	91 483	8 493,037	118 409,601	13,942	13,476
5	6	99 214	79 614,727	1 739 586,920	21,850	21,384	55	56	90 702	8 057,865	109 916,564	13,641	13,175
6	7	99 196	76 171,950	1 659 972,193	21,792	21,327	56	57	89 843	7 637,866	101 858,699	13,336	12,870
7	8	99 182	72 881,806	1 583 800,243	21,731	21,265	57	58	88 901	7 232,323	94 220,834	13,028	12,562
8	9	99 167	69 732,488	1 510 918,437	21,667	21,202	58	59	87 865	6 840,256	86 988,510	12,717	12,252
9	10	99 152	66 719,865	1 441 185,949	21,601	21,135	59	60	86 738	6 461,755	80 148,254	12,403	11,938
10	11	99 138	63 837,918	1 374 466,084	21,531	21,065	60	61	85 510	6 095,902	73 686,499	12,088	11,622
11	12	99 123	61 079,353	1 310 628,166	21,458	20,992	61	62	84 188	5 743,208	67 590,597	11,769	11,303
12	13	99 107	58 440,028	1 249 548,814	21,382	20,916	62	63	82 766	5 403,070	61 847,389	11,447	10,981
13	14	99 091	55 914,354	1 191 108,785	21,302	20,837	63	64	81 226	5 074,183	56 444,319	11,124	10,658
14	15	99 073	53 496,495	1 135 194,431	21,220	20,754	64	65	79 572	4 756,846	51 370,136	10,799	10,334
15	16	99 047	51 179,646	1 081 697,936	21,135	20,670	65	66	77 813	4 451,364	46 613,290	10,472	10,006
16	17	99 017	48 960,698	1 030 518,290	21,048	20,582	66	67	75 942	4 157,241	42 161,925	10,142	9,676
17	18	98 979	46 834,370	981 557,593	20,958	20,492	67	68	73 972	3 875,063	38 004,684	9,808	9,342
18	19	98 932	44 796,437	934 723,223	20,866	20,400	68	69	71 881	3 603,351	34 129,621	9,472	9,006
19	20	98 877	42 843,489	889 926,786	20,772	20,306	69	70	69 688	3 342,968	30 526,270	9,131	8,666
20	21	98 819	40 974,673	847 083,297	20,673	20,208	70	71	67 358	3 092,062	27 183,303	8,791	8,326
21	22	98 760	39 186,818	806 108,624	20,571	20,105	71	72	64 953	2 853,281	24 091,241	8,443	7,978
22	23	98 704	37 478,048	766 921,806	20,463	19,998	72	73	62 414	2 623,686	21 237,961	8,095	7,629
23	24	98 642	35 841,439	729 443,758	20,352	19,886	73	74	59 782	2 404,827	18 614,275	7,740	7,275
24	25	98 583	34 277,812	693 602,319	20,235	19,769	74	75	57 028	2 195,235	16 209,448	7,384	6,918
25	26	98 518	32 779,921	659 324,507	20,114	19,648	75	76	54 192	1 996,259	14 014,212	7,020	6,555
26	27	98 456	31 348,708	626 544,585	19,986	19,521	76	77	51 241	1 806,256	12 017,953	6,654	6,188
27	28	98 390	29 978,546	595 195,877	19,854	19,388	77	78	48 162	1 624,620	10 211,697	6,286	5,820
28	29	98 321	28 667,598	565 217,331	19,716	19,251	78	79	44 934	1 450,457	8 587,077	5,920	5,455
29	30	98 248	27 412,712	536 549,732	19,573	19,107	79	80	41 544	1 283,265	7 136,620	5,561	5,096
30	31	98 166	26 210,262	509 137,020	19,425	18,959	80	81	38 009	1 123,515	5 853,355	5,210	4,744
31	32	98 080	25 059,638	482 926,758	19,271	18,805	81	82	34 334	971,180	4 729,841	4,870	4,405
32	33	97 986	23 957,535	457 867,120	19,112	18,646	82	83	30 532	826,457	3 758,660	4,548	4,082
33	34	97 888	22 903,080	433 909,585	18,945	18,480	83	84	26 708	691,814	2 932,204	4,238	3,773
34	35	97 777	21 891,895	411 006,506	18,774	18,309	84	85	22 934	568,467	2 240,389	3,941	3,475
35	36	97 662	20 924,433	389 114,611	18,596	18,131	85	86	19 239	456,343	1 671,922	3,664	3,198
36	37	97 539	19 998,144	368 190,177	18,411	17,946	86	87	15 723	356,893	1 215,579	3,406	2,940
37	38	97 408	19 111,457	348 192,033	18,219	17,753	87	88	12 486	271,208	858,686	3,166	2,701
38	39	97 254	18 259,534	329 080,576	18,022	17,557	88	89	9 599	199,521	587,478	2,944	2,479
39	40	97 092	17 444,090	310 821,042	17,818	17,353	89	90	7 113	141,486	387,957	2,742	2,276
40	41	96 917	16 662,880	293 376,953	17,607	17,141	90	91	5 063	96,368	246,471	2,558	2,092
41	42	96 726	15 913,814	276 714,073	17,388	16,923	91	92	3 449	62,822	150,103	2,389	1,924
42	43	96 520	15 196,147	260 800,259	17,162	16,697	92	93	2 244	39,121	87,280	2,231	1,765
43	44	96 293	14 507,630	245 604,112	16,929	16,464	93	94	1 375	22,939	48,159	2,099	1,634
44	45	96 052	13 848,070	231 096,481	16,688	16,222	94	95	801	12,785	25,220	1,973	1,507
45	46	95 769	13 212,673	217 248,411	16,442	15,977	95	96	437	6,674	12,435	1,863	1,398
46	47	95 465	12 603,578	204 035,738	16,189	15,723	96	97	222	3,238	5,761	1,779	1,313
47	48	95 126	12 018,066	191 432,160	15,929	15,463	97	98	105	1,472	2,523	1,714	1,248
48	49	94 750	11 455,021	179 414,094	15,662	15,197	98	99	48	0,642	1,051	1,637	1,172
49	50	94 333	10 913,522	167 959,073	15,390	14,924	99	100	20	0,260	0,409	1,572	1,106

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 675	99 674,746	2 193 420,322	22,006	21,540	50	52	93 677	10 370,965	155 512,797	14,995	14,529
1	3	99 307	95 030,948	2 093 745,576	22,032	21,567	51	53	93 148	9 868,302	145 141,832	14,708	14,242
2	4	99 270	90 904,193	1 998 714,628	21,987	21,521	52	54	92 565	9 384,234	135 273,530	14,415	13,949
3	5	99 245	86 967,756	1 907 810,435	21,937	21,471	53	55	91 915	8 917,111	125 889,296	14,118	13,652
4	6	99 225	83 206,255	1 820 842,678	21,883	21,418	54	56	91 187	8 465,473	116 972,185	13,818	13,352
5	7	99 206	79 607,685	1 737 636,424	21,827	21,362	55	57	90 377	8 029,042	108 506,711	13,514	13,049
6	8	99 191	76 168,411	1 658 028,739	21,768	21,302	56	58	89 490	7 607,894	100 477,669	13,207	12,741
7	9	99 175	72 876,727	1 581 860,328	21,706	21,240	57	59	88 514	7 200,867	92 869,776	12,897	12,431
8	10	99 161	69 728,222	1 508 983,601	21,641	21,175	58	60	87 452	6 808,064	85 668,909	12,583	12,118
9	11	99 146	66 715,962	1 439 255,379	21,573	21,107	59	61	86 281	6 427,663	78 860,845	12,269	11,803
10	12	99 131	63 832,982	1 372 539,417	21,502	21,036	60	62	85 024	6 061,242	72 433,182	11,950	11,485
11	13	99 115	61 074,557	1 308 706,435	21,428	20,962	61	63	83 671	5 707,977	66 371,940	11,628	11,162
12	14	99 098	58 434,523	1 247 631,878	21,351	20,885	62	64	82 207	5 366,605	60 663,964	11,304	10,838
13	15	99 082	55 909,198	1 189 197,356	21,270	20,805	63	65	80 619	5 036,265	55 297,358	10,980	10,514
14	16	99 061	53 489,986	1 133 288,158	21,187	20,721	64	66	78 938	4 718,932	50 261,093	10,651	10,185
15	17	99 032	51 172,110	1 079 798,171	21,101	20,636	65	67	77 131	4 412,361	45 542,161	10,321	9,856
16	18	99 003	48 954,031	1 028 626,061	21,012	20,546	66	68	75 222	4 117,822	41 129,801	9,988	9,523
17	19	98 959	46 825,142	979 672,031	20,922	20,456	67	69	73 198	3 834,508	37 011,979	9,652	9,187
18	20	98 915	44 788,607	932 846,888	20,828	20,362	68	70	71 050	3 561,715	33 177,471	9,315	8,849
19	21	98 859	42 835,568	888 058,281	20,732	20,266	69	71	68 810	3 300,850	29 615,756	8,972	8,507
20	22	98 803	40 967,916	845 222,713	20,631	20,166	70	72	66 435	3 049,695	26 314,906	8,629	8,163
21	23	98 744	39 180,438	804 254,797	20,527	20,061	71	73	63 991	2 811,013	23 265,211	8,276	7,811
22	24	98 686	37 471,303	765 074,358	20,418	19,952	72	74	61 390	2 580,615	20 454,197	7,926	7,460
23	25	98 624	35 834,990	727 603,055	20,304	19,839	73	75	58 716	2 361,917	17 873,583	7,567	7,102
24	26	98 565	34 271,292	691 768,065	20,185	19,719	74	76	55 931	2 153,018	15 511,665	7,205	6,739
25	27	98 499	32 773,752	657 496,773	20,062	19,596	75	77	53 024	1 953,208	13 358,647	6,839	6,374
26	28	98 435	31 341,963	624 723,021	19,932	19,467	76	78	50 022	1 763,274	11 405,439	6,468	6,003
27	29	98 367	29 971,482	593 381,058	19,798	19,333	77	79	46 840	1 580,027	9 642,165	6,103	5,637
28	30	98 296	28 660,180	563 409,576	19,658	19,193	78	80	43 522	1 404,891	8 062,138	5,739	5,273
29	31	98 217	27 404,019	534 749,396	19,514	19,048	79	81	40 029	1 236,475	6 657,247	5,384	4,918
30	32	98 135	26 202,032	507 345,377	19,363	18,897	80	82	36 387	1 075,570	5 420,772	5,040	4,574
31	33	98 046	25 051,052	481 143,346	19,207	18,741	81	83	32 638	923,224	4 345,202	4,707	4,241
32	34	97 951	23 948,902	456 092,294	19,044	18,579	82	84	28 801	779,587	3 421,977	4,389	3,924
33	35	97 849	22 893,781	432 143,392	18,876	18,410	83	85	24 968	646,734	2 642,390	4,086	3,620
34	36	97 737	21 882,873	409 249,610	18,702	18,236	84	86	21 188	525,193	1 995,656	3,800	3,334
35	37	97 617	20 914,840	387 366,738	18,521	18,056	85	87	17 561	416,559	1 470,464	3,530	3,064
36	38	97 492	19 988,652	366 451,898	18,333	17,867	86	88	14 152	321,223	1 053,905	3,281	2,815
37	39	97 350	19 099,928	346 463,246	18,140	17,674	87	89	11 060	240,236	732,682	3,050	2,584
38	40	97 196	18 248,557	327 363,319	17,939	17,474	88	90	8 356	173,680	492,446	2,835	2,370
39	41	97 025	17 432,128	309 114,761	17,732	17,267	89	91	6 064	120,620	318,766	2,643	2,177
40	42	96 846	16 650,545	291 682,633	17,518	17,052	90	92	4 214	80,213	198,146	2,470	2,005
41	43	96 649	15 901,182	275 032,088	17,296	16,831	91	93	2 802	51,043	117,933	2,310	1,845
42	44	96 432	15 182,348	259 130,906	17,068	16,602	92	94	1 775	30,946	66,890	2,162	1,696
43	45	96 200	14 493,550	243 948,558	16,832	16,366	93	95	1 059	17,659	35,944	2,035	1,570
44	46	95 941	13 832,114	229 455,008	16,589	16,123	94	96	599	9,553	18,285	1,914	1,448
45	47	95 652	13 196,587	215 622,894	16,339	15,874	95	97	312	4,767	8,731	1,831	1,366
46	48	95 334	12 586,307	202 426,307	16,083	15,617	96	98	155	2,270	3,964	1,746	1,280
47	49	94 975	11 998,909	189 840,000	15,821	15,356	97	99	72	1,011	1,694	1,675	1,209
48	50	94 584	11 434,997	177 841,091	15,552	15,087	98	100	32	0,426	0,683	1,604	1,138
49	51	94 158	10 893,297	166 406,095	15,276	14,810							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 662	99 662,364	2 191 270,886	21,987	21,521
1	4	99 297	95 021,147	2 091 608,522	22,012	21,546
2	5	99 260	90 895,495	1 996 587,375	21,966	21,500
3	6	99 236	86 960,009	1 905 691,880	21,915	21,449
4	7	99 216	83 198,894	1 818 731,870	21,860	21,394
5	8	99 201	79 603,987	1 735 532,976	21,802	21,336
6	9	99 184	76 163,103	1 655 928,990	21,742	21,276
7	10	99 169	72 872,269	1 579 765,886	21,679	21,213
8	11	99 155	69 724,143	1 506 893,617	21,612	21,147
9	12	99 139	66 710,803	1 437 169,474	21,543	21,078
10	13	99 123	63 827,969	1 370 458,671	21,471	21,006
11	14	99 106	61 068,802	1 306 630,702	21,396	20,930
12	15	99 089	58 429,135	1 245 561,899	21,317	20,852
13	16	99 070	55 902,396	1 187 132,764	21,236	20,770
14	17	99 046	53 482,110	1 131 230,369	21,152	20,686
15	18	99 019	51 165,142	1 077 748,258	21,064	20,598
16	19	98 984	48 944,386	1 026 583,116	20,974	20,509
17	20	98 942	46 816,958	977 638,730	20,882	20,417
18	21	98 896	44 780,327	930 821,772	20,786	20,321
19	22	98 842	42 828,504	886 041,445	20,688	20,223
20	23	98 787	40 961,246	843 212,941	20,586	20,120
21	24	98 726	39 173,387	802 251,695	20,480	20,014
22	25	98 669	37 464,561	763 078,308	20,368	19,902
23	26	98 605	35 828,173	725 613,747	20,253	19,787
24	27	98 546	34 264,842	689 785,574	20,131	19,665
25	28	98 478	32 766,700	655 520,731	20,006	19,540
26	29	98 412	31 334,577	622 754,031	19,874	19,409
27	30	98 341	29 963,726	591 419,454	19,738	19,272
28	31	98 265	28 651,091	561 455,728	19,596	19,131
29	32	98 186	27 395,414	532 804,637	19,449	18,983
30	33	98 101	26 193,054	505 409,223	19,296	18,830
31	34	98 011	25 042,025	479 216,169	19,136	18,671
32	35	97 911	23 939,179	454 174,143	18,972	18,506
33	36	97 808	22 884,346	430 234,965	18,800	18,335
34	37	97 692	21 872,839	407 350,618	18,624	18,158
35	38	97 570	20 904,912	385 477,779	18,440	17,974
36	39	97 433	19 976,594	364 572,867	18,250	17,784
37	40	97 291	19 088,446	344 596,273	18,053	17,587
38	41	97 129	18 236,044	325 507,827	17,850	17,384
39	42	96 954	17 419,224	307 271,783	17,640	17,174
40	43	96 769	16 637,328	289 852,559	17,422	16,956
41	44	96 561	15 886,743	273 215,231	17,198	16,732
42	45	96 339	15 167,612	257 328,488	16,966	16,500
43	46	96 089	14 476,850	242 160,875	16,727	16,262
44	47	95 824	13 815,273	227 684,026	16,481	16,015
45	48	95 521	13 178,504	213 868,753	16,229	15,763
46	49	95 182	12 566,244	200 690,249	15,971	15,505
47	50	94 809	11 977,934	188 124,005	15,706	15,240
48	51	94 409	11 413,805	176 146,071	15,433	14,967
49	52	93 956	10 869,956	164 732,266	15,155	14,689
50	53	93 459	10 346,770	153 862,310	14,871	14,405
51	54	92 909	9 842,963	143 515,539	14,581	14,115
52	55	92 297	9 357,126	133 672,576	14,286	13,820
53	56	91 617	8 888,171	124 315,450	13,987	13,521
54	57	90 860	8 435,193	115 427,279	13,684	13,218
55	58	90 023	7 997,535	106 992,086	13,378	12,913
56	59	89 101	7 574,804	98 994,551	13,069	12,603
57	60	88 098	7 166,977	91 419,747	12,756	12,290
58	61	86 990	6 772,144	84 252,770	12,441	11,975
59	62	85 790	6 391,116	77 480,626	12,123	11,658
60	63	84 502	6 024,060	71 089,510	11,801	11,335
61	64	83 106	5 669,454	65 065,450	11,476	11,011
62	65	81 593	5 326,502	59 395,996	11,151	10,685
63	66	79 976	4 996,124	54 069,494	10,822	10,357
64	67	78 246	4 677,584	49 073,370	10,491	10,026
65	68	76 400	4 370,522	44 395,786	10,158	9,692
66	69	74 434	4 074,726	40 025,264	9,823	9,357
67	70	72 353	3 790,202	35 950,538	9,485	9,020
68	71	70 155	3 516,842	32 160,336	9,145	8,679
69	72	67 867	3 255,623	28 643,494	8,798	8,333
70	73	65 451	3 004,518	25 387,872	8,450	7,984
71	74	62 941	2 764,867	22 383,354	8,096	7,630
72	75	60 294	2 534,568	19 618,487	7,740	7,275
73	76	57 586	2 316,494	17 083,918	7,375	6,909
74	77	54 725	2 106,586	14 767,424	7,010	6,545
75	78	51 762	1 906,729	12 660,838	6,640	6,174
76	79	48 649	1 714,875	10 754,109	6,271	5,805
77	80	45 369	1 530,392	9 039,233	5,906	5,441
78	81	41 936	1 353,667	7 508,842	5,547	5,081
79	82	38 321	1 183,710	6 155,175	5,200	4,734
80	83	34 590	1 022,460	4 971,465	4,862	4,397
81	84	30 787	870,867	3 949,006	4,535	4,069
82	85	26 924	728,787	3 078,139	4,224	3,758
83	86	23 067	597,501	2 349,352	3,932	3,466
84	87	19 341	479,406	1 751,850	3,654	3,189
85	88	15 806	374,926	1 272,444	3,394	2,928
86	89	12 536	284,539	897,518	3,154	2,689
87	90	9 628	209,121	612,979	2,931	2,466
88	91	7 123	148,066	403,859	2,728	2,262
89	92	5 048	100,400	255,792	2,548	2,082
90	93	3 424	65,173	155,392	2,384	1,919
91	94	2 217	40,376	90,219	2,234	1,769
92	95	1 367	23,823	49,843	2,092	1,627
93	96	791	13,195	26,020	1,972	1,506
94	97	428	6,825	12,824	1,879	1,414
95	98	219	3,342	6,000	1,795	1,330
96	99	107	1,559	2,658	1,705	1,239
97	100	48	0,670	1,099	1,639	1,173

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 652	99 652,086	2 188 962,914	21,966	21,500
1	5	99 288	95 012,055	2 089 310,828	21,990	21,524
2	6	99 251	90 887,398	1 994 298,773	21,943	21,477
3	7	99 227	86 952,317	1 903 411,375	21,890	21,425
4	8	99 212	83 195,029	1 816 459,058	21,834	21,368
5	9	99 194	79 598,439	1 733 264,029	21,775	21,309
6	10	99 178	76 158,444	1 653 665,590	21,713	21,248
7	11	99 163	72 868,006	1 577 507,145	21,649	21,183
8	12	99 147	69 718,752	1 504 639,139	21,582	21,116
9	13	99 131	66 705,565	1 434 920,387	21,511	21,046
10	14	99 114	63 821,956	1 368 214,822	21,438	20,972
11	15	99 097	61 063,172	1 304 392,867	21,361	20,896
12	16	99 077	58 422,026	1 243 329,695	21,282	20,816
13	17	99 055	55 894,165	1 184 907,670	21,199	20,734
14	18	99 032	53 474,828	1 129 013,505	21,113	20,647
15	19	98 999	51 155,062	1 075 538,677	21,025	20,559
16	20	98 966	48 935,831	1 024 383,616	20,933	20,468
17	21	98 924	46 808,302	975 447,784	20,839	20,374
18	22	98 880	44 772,943	928 639,482	20,741	20,275
19	23	98 826	42 821,531	883 866,539	20,641	20,175
20	24	98 769	40 953,875	841 045,008	20,536	20,071
21	25	98 709	39 166,338	800 091,133	20,428	19,962
22	26	98 650	37 457,434	760 924,795	20,314	19,849
23	27	98 587	35 821,430	723 467,361	20,196	19,731
24	28	98 525	34 257,469	687 645,930	20,073	19,607
25	29	98 455	32 758,979	653 388,461	19,945	19,480
26	30	98 386	31 326,469	620 629,482	19,812	19,346
27	31	98 310	29 954,224	589 303,014	19,673	19,208
28	32	98 234	28 642,095	559 348,790	19,529	19,063
29	33	98 153	27 386,027	530 706,695	19,379	18,913
30	34	98 066	26 183,616	503 320,667	19,223	18,757
31	35	97 971	25 031,858	477 137,052	19,061	18,596
32	36	97 870	23 929,313	452 105,193	18,893	18,428
33	37	97 764	22 873,854	428 175,880	18,719	18,253
34	38	97 646	21 862,457	405 302,027	18,539	18,073
35	39	97 512	20 892,301	383 439,570	18,353	17,888
36	40	97 375	19 964,585	362 547,268	18,160	17,694
37	41	97 224	19 075,357	342 582,683	17,959	17,494
38	42	97 057	18 222,545	323 507,327	17,753	17,288
39	43	96 877	17 405,397	305 284,782	17,540	17,074
40	44	96 681	16 622,221	287 879,384	17,319	16,853
41	45	96 468	15 871,324	271 257,164	17,091	16,625
42	46	96 228	15 150,136	255 385,840	16,857	16,391
43	47	95 972	14 459,224	240 235,704	16,615	16,149
44	48	95 693	13 796,342	225 776,480	16,365	15,899
45	49	95 369	13 157,496	211 980,138	16,111	15,645
46	50	95 016	12 544,277	198 822,642	15,850	15,384
47	51	94 633	11 955,737	186 278,365	15,581	15,115
48	52	94 206	11 389,349	174 322,628	15,306	14,840
49	53	93 737	10 844,597	162 933,280	15,024	14,559
50	54	93 219	10 320,203	152 088,682	14,737	14,271
51	55	92 640	9 814,530	141 768,479	14,445	13,979
52	56	91 998	9 326,758	131 953,949	14,148	13,682
53	57	91 289	8 856,378	122 627,191	13,846	13,381
54	58	90 504	8 402,092	113 770,813	13,541	13,075
55	59	89 631	7 962,750	105 368,721	13,233	12,767
56	60	88 682	7 539,154	97 405,971	12,920	12,454
57	61	87 633	7 129,164	89 866,816	12,606	12,140
58	62	86 496	6 733,639	82 737,652	12,287	11,822
59	63	85 264	6 351,910	76 004,013	11,966	11,500
60	64	83 932	5 983,404	69 652,103	11,641	11,175
61	65	82 485	5 627,088	63 668,699	11,315	10,849
62	66	80 943	5 284,048	58 041,611	10,984	10,519
63	67	79 275	4 952,348	52 757,563	10,653	10,187
64	68	77 504	4 633,230	47 805,216	10,318	9,852
65	69	75 600	4 324,781	43 171,986	9,982	9,517
66	70	73 574	4 027,644	38 847,204	9,645	9,180
67	71	71 441	3 742,450	34 819,561	9,304	8,838
68	72	69 194	3 468,655	31 077,111	8,959	8,494
69	73	66 862	3 207,395	27 608,456	8,608	8,142
70	74	64 376	2 955,195	24 401,060	8,257	7,791
71	75	61 818	2 715,533	21 445,865	7,897	7,432
72	76	59 135	2 485,825	18 730,332	7,535	7,069
73	77	56 345	2 266,537	16 244,507	7,167	6,701
74	78	53 423	2 056,457	13 977,970	6,797	6,331
75	79	50 341	1 854,393	11 921,513	6,429	5,963
76	80	47 120	1 661,004	10 067,120	6,061	5,595
77	81	43 715	1 474,591	8 406,117	5,701	5,235
78	82	40 146	1 295,901	6 931,525	5,349	4,883
79	83	36 428	1 125,259	5 635,625	5,008	4,543
80	84	32 628	964,474	4 510,365	4,677	4,211
81	85	28 781	814,119	3 545,891	4,355	3,890
82	86	24 874	673,308	2 731,772	4,057	3,592
83	87	21 056	545,411	2 058,464	3,774	3,309
84	88	17 408	431,492	1 513,053	3,507	3,041
85	89	14 001	332,108	1 081,561	3,257	2,791
86	90	10 912	247,686	749,453	3,026	2,560
87	91	8 208	178,281	501,767	2,814	2,349
88	92	5 929	123,245	323,486	2,625	2,159
89	93	4 101	81,575	200,241	2,455	1,989
90	94	2 708	51,554	118,666	2,302	1,836
91	95	1 707	31,083	67,112	2,159	1,694
92	96	1 021	17,801	36,029	2,024	1,558
93	97	565	9,426	18,228	1,934	1,468
94	98	300	4,784	8,802	1,840	1,374
95	99	150	2,295	4,018	1,751	1,285
96	100	71	1,034	1,723	1,666	1,201

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 643	99 642,551	2 186 485,295	21,943	21,478
1	6	99 279	95 003,591	2 086 842,744	21,966	21,500
2	7	99 243	90 879,358	1 991 839,153	21,917	21,452
3	8	99 222	86 948,277	1 900 959,794	21,863	21,397
4	9	99 205	83 189,232	1 814 011,517	21,806	21,340
5	10	99 188	79 593,570	1 730 822,285	21,746	21,280
6	11	99 172	76 153,990	1 651 228,715	21,683	21,217
7	12	99 156	72 862,372	1 575 074,726	21,617	21,152
8	13	99 139	69 713,277	1 502 212,354	21,548	21,083
9	14	99 121	66 699,280	1 432 499,077	21,477	21,011
10	15	99 104	63 816,071	1 365 799,797	21,402	20,937
11	16	99 084	61 055,742	1 301 983,726	21,325	20,859
12	17	99 062	58 413,423	1 240 927,984	21,244	20,778
13	18	99 042	55 886,554	1 182 514,560	21,159	20,694
14	19	99 013	53 464,292	1 126 628,007	21,073	20,607
15	20	98 982	51 146,120	1 073 163,714	20,982	20,517
16	21	98 948	48 926,784	1 022 017,594	20,889	20,423
17	22	98 907	46 800,584	973 090,810	20,792	20,327
18	23	98 864	44 765,653	926 290,226	20,692	20,226
19	24	98 808	42 813,825	881 524,573	20,590	20,124
20	25	98 751	40 946,506	838 710,748	20,483	20,017
21	26	98 690	39 158,888	797 764,242	20,372	19,907
22	27	98 631	37 450,385	758 605,354	20,256	19,791
23	28	98 565	35 813,722	721 154,969	20,136	19,671
24	29	98 502	34 249,397	685 341,247	20,010	19,545
25	30	98 429	32 750,502	651 091,851	19,880	19,415
26	31	98 355	31 316,534	618 341,349	19,745	19,279
27	32	98 279	29 944,818	587 024,815	19,604	19,138
28	33	98 200	28 632,281	557 079,996	19,456	18,991
29	34	98 117	27 376,159	528 447,715	19,303	18,838
30	35	98 026	26 172,985	501 071,556	19,145	18,679
31	36	97 931	25 021,542	474 898,570	18,980	18,514
32	37	97 826	23 918,341	449 877,028	18,809	18,343
33	38	97 717	22 862,996	425 958,687	18,631	18,165
34	39	97 587	21 849,269	403 095,691	18,449	17,983
35	40	97 453	20 879,742	381 246,422	18,259	17,794
36	41	97 308	19 950,895	360 366,680	18,063	17,597
37	42	97 152	19 061,236	340 415,785	17,859	17,393
38	43	96 980	18 208,081	321 354,549	17,649	17,183
39	44	96 789	17 389,592	303 146,468	17,433	16,967
40	45	96 587	16 606,088	285 756,876	17,208	16,742
41	46	96 356	15 853,036	269 150,789	16,978	16,512
42	47	96 111	15 131,690	253 297,753	16,740	16,274
43	48	95 841	14 439,410	238 166,062	16,494	16,029
44	49	95 541	13 774,350	223 726,652	16,242	15,777
45	50	95 202	13 134,496	209 952,302	15,985	15,519
46	51	94 840	12 521,030	196 817,806	15,719	15,253
47	52	94 430	11 930,119	184 296,776	15,448	14,982
48	53	93 987	11 362,778	172 366,657	15,169	14,704
49	54	93 496	10 816,752	161 003,879	14,885	14,419
50	55	92 949	10 290,391	150 187,127	14,595	14,129
51	56	92 340	9 782,677	139 896,736	14,300	13,835
52	57	91 669	9 293,397	130 114,059	14,001	13,535
53	58	90 931	8 821,625	120 820,662	13,696	13,230
54	59	90 110	8 365,548	111 999,037	13,388	12,923
55	60	89 209	7 925,275	103 633,490	13,076	12,611
56	61	88 214	7 499,378	95 708,215	12,762	12,297
57	62	87 135	7 088,629	88 208,837	12,444	11,978
58	63	85 965	6 692,332	81 120,208	12,121	11,656
59	64	84 689	6 309,042	74 427,876	11,797	11,331
60	65	83 304	5 938,692	68 118,835	11,470	11,005
61	66	81 828	5 582,238	62 180,143	11,139	10,673
62	67	80 233	5 237,748	56 597,905	10,806	10,340
63	68	78 524	4 905,388	51 360,157	10,470	10,005
64	69	76 693	4 584,740	46 454,768	10,132	9,667
65	70	74 727	4 274,810	41 870,028	9,795	9,329
66	71	72 647	3 976,900	37 595,218	9,453	8,988
67	72	70 462	3 691,172	33 618,317	9,108	8,642
68	73	68 169	3 417,272	29 927,146	8,758	8,292
69	74	65 764	3 154,742	26 509,874	8,403	7,938
70	75	63 228	2 902,465	23 355,132	8,047	7,581
71	76	60 629	2 663,310	20 452,667	7,679	7,214
72	77	57 860	2 432,216	17 789,357	7,314	6,848
73	78	55 004	2 212,601	15 357,141	6,941	6,475
74	79	51 956	2 000,011	13 144,540	6,572	6,107
75	80	48 760	1 796,138	11 144,528	6,205	5,739
76	81	45 402	1 600,441	9 348,390	5,841	5,376
77	82	41 849	1 411,665	7 747,949	5,489	5,023
78	83	38 164	1 231,910	6 336,285	5,143	4,678
79	84	34 362	1 061,444	5 104,374	4,809	4,343
80	85	30 502	901,626	4 042,930	4,484	4,018
81	86	26 590	752,144	3 141,304	4,176	3,711
82	87	22 706	614,609	2 389,160	3,887	3,422
83	88	18 952	490,900	1 774,550	3,615	3,149
84	89	15 420	382,215	1 283,651	3,358	2,893
85	90	12 188	289,094	901,436	3,118	2,653
86	91	9 303	211,158	612,342	2,900	2,434
87	92	6 832	148,395	401,183	2,703	2,238
88	93	4 818	100,136	252,789	2,524	2,059
89	94	3 244	64,528	152,652	2,366	1,900
90	95	2 085	39,688	88,125	2,220	1,755
91	96	1 275	23,226	48,437	2,085	1,620
92	97	730	12,716	25,211	1,983	1,517
93	98	396	6,608	12,495	1,891	1,425
94	99	206	3,286	5,887	1,792	1,326
95	100	100	1,522	2,601	1,709	1,243

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 634	99 633,675	2 183 828,245	21,919	21,453
1	7	99 270	94 995,188	2 084 194,570	21,940	21,474
2	8	99 238	90 875,136	1 989 199,383	21,889	21,424
3	9	99 216	86 942,219	1 898 324,246	21,834	21,369
4	10	99 199	83 184,143	1 811 382,028	21,776	21,310
5	11	99 182	79 588,914	1 728 197,885	21,714	21,248
6	12	99 165	76 148,101	1 648 608,971	21,650	21,184
7	13	99 148	72 856,650	1 572 460,870	21,583	21,117
8	14	99 130	69 706,709	1 499 604,220	21,513	21,047
9	15	99 112	66 693,130	1 429 897,511	21,440	20,974
10	16	99 092	63 808,306	1 363 204,380	21,364	20,898
11	17	99 070	61 046,752	1 299 396,074	21,285	20,820
12	18	99 049	58 405,469	1 238 349,322	21,203	20,737
13	19	99 022	55 875,543	1 179 943,852	21,117	20,652
14	20	98 996	53 454,947	1 124 068,309	21,028	20,563
15	21	98 964	51 136,664	1 070 613,362	20,936	20,471
16	22	98 932	48 918,716	1 019 476,697	20,840	20,375
17	23	98 891	46 792,964	970 557,981	20,742	20,276
18	24	98 846	44 757,597	923 765,017	20,639	20,174
19	25	98 791	42 806,121	879 007,420	20,535	20,069
20	26	98 732	40 938,717	836 201,299	20,426	19,960
21	27	98 671	39 151,518	795 262,582	20,312	19,847
22	28	98 610	37 442,326	756 111,064	20,194	19,728
23	29	98 542	35 805,283	718 668,738	20,072	19,606
24	30	98 476	34 240,534	682 863,455	19,943	19,478
25	31	98 398	32 740,116	648 622,921	19,811	19,346
26	32	98 324	31 306,701	615 882,805	19,673	19,207
27	33	98 246	29 934,558	584 576,104	19,528	19,063
28	34	98 165	28 621,964	554 641,546	19,378	18,913
29	35	98 077	27 365,045	526 019,582	19,222	18,757
30	36	97 986	26 162,199	498 654,537	19,060	18,595
31	37	97 886	25 010,070	472 492,338	18,892	18,426
32	38	97 779	23 906,988	447 482,269	18,718	18,252
33	39	97 658	22 849,204	423 575,281	18,538	18,072
34	40	97 528	21 836,134	400 726,077	18,352	17,886
35	41	97 386	20 865,425	378 889,942	18,159	17,693
36	42	97 236	19 936,126	358 024,518	17,959	17,493
37	43	97 075	19 046,106	338 088,391	17,751	17,285
38	44	96 892	18 191,546	319 042,285	17,538	17,072
39	45	96 695	17 372,714	300 850,739	17,317	16,852
40	46	96 476	16 586,953	283 478,025	17,090	16,625
41	47	96 239	15 833,735	266 891,071	16,856	16,390
42	48	95 979	15 110,955	251 057,336	16,614	16,149
43	49	95 688	14 416,393	235 946,381	16,367	15,901
44	50	95 374	13 750,271	221 529,988	16,111	15,645
45	51	95 026	13 110,155	207 779,717	15,849	15,383
46	52	94 636	12 494,201	194 669,561	15,581	15,115
47	53	94 210	11 902,287	182 175,360	15,306	14,840
48	54	93 745	11 333,602	170 273,074	15,024	14,558
49	55	93 226	10 785,505	158 939,472	14,736	14,271
50	56	92 648	10 256,994	148 153,966	14,444	13,979
51	57	92 009	9 747,685	137 896,972	14,147	13,681
52	58	91 309	9 256,928	128 149,287	13,844	13,378
53	59	90 536	8 783,256	118 892,358	13,536	13,071
54	60	89 686	8 326,176	110 109,103	13,224	12,759
55	61	88 739	7 883,461	101 782,926	12,911	12,445
56	62	87 712	7 456,737	93 899,465	12,593	12,127
57	63	86 600	7 045,144	86 442,728	12,270	11,804
58	64	85 385	6 647,166	79 397,584	11,945	11,479
59	65	84 056	6 261,896	72 750,418	11,618	11,152
60	66	82 640	5 891,358	66 488,521	11,286	10,820
61	67	81 111	5 533,326	60 597,164	10,951	10,486
62	68	79 473	5 188,083	55 063,838	10,614	10,148
63	69	77 702	4 854,050	49 875,755	10,275	9,809
64	70	75 807	4 531,765	45 021,705	9,935	9,469
65	71	73 785	4 220,953	40 489,940	9,593	9,127
66	72	71 652	3 922,410	36 268,987	9,247	8,781
67	73	69 418	3 636,492	32 346,577	8,895	8,429
68	74	67 050	3 361,173	28 710,085	8,542	8,076
69	75	64 591	3 098,452	25 348,912	8,181	7,716
70	76	62 012	2 846,647	22 250,460	7,816	7,351
71	77	59 321	2 605,873	19 403,813	7,446	6,981
72	78	56 483	2 374,338	16 797,940	7,075	6,609
73	79	53 494	2 151,870	14 423,602	6,703	6,237
74	80	50 324	1 937,182	12 271,733	6,335	5,869
75	81	46 982	1 730,648	10 334,551	5,971	5,506
76	82	43 465	1 532,144	8 603,902	5,616	5,150
77	83	39 783	1 341,958	7 071,759	5,270	4,804
78	84	35 999	1 162,047	5 729,800	4,931	4,465
79	85	32 123	992,277	4 567,753	4,603	4,138
80	86	28 180	832,990	3 575,476	4,292	3,827
81	87	24 272	686,572	2 742,486	3,994	3,529
82	88	20 436	553,182	2 055,914	3,717	3,251
83	89	16 787	434,838	1 502,732	3,456	2,990
84	90	13 423	332,711	1 067,894	3,210	2,744
85	91	10 390	246,460	735,183	2,983	2,517
86	92	7 743	175,761	488,723	2,781	2,315
87	93	5 551	120,570	312,962	2,596	2,130
88	94	3 811	79,210	192,392	2,429	1,963
89	95	2 497	49,676	113,181	2,278	1,813
90	96	1 558	29,656	63,506	2,141	1,676
91	97	911	16,591	33,850	2,040	1,575
92	98	511	8,914	17,258	1,936	1,471
93	99	272	4,539	8,345	1,839	1,373
94	100	136	2,179	3,806	1,747	1,281

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 625	99 624,861	2 180 982,030	21,892	21,426
1	8	99 265	94 990,774	2 081 357,168	21,911	21,446
2	9	99 231	90 868,804	1 986 366,394	21,860	21,394
3	10	99 209	86 936,900	1 895 497,590	21,803	21,338
4	11	99 193	83 179,277	1 808 560,690	21,743	21,277
5	12	99 175	79 582,760	1 725 381,413	21,680	21,215
6	13	99 157	76 142,121	1 645 798,653	21,615	21,149
7	14	99 138	72 849,786	1 569 656,532	21,546	21,081
8	15	99 121	69 700,282	1 496 806,746	21,475	21,009
9	16	99 100	66 685,016	1 427 106,464	21,401	20,935
10	17	99 078	63 798,911	1 360 421,448	21,324	20,858
11	18	99 056	61 038,440	1 296 622,537	21,243	20,777
12	19	99 029	58 393,963	1 235 584,098	21,159	20,694
13	20	99 005	55 865,777	1 177 190,135	21,072	20,606
14	21	98 977	53 445,065	1 121 324,358	20,981	20,515
15	22	98 948	51 128,232	1 067 879,294	20,886	20,421
16	23	98 916	48 910,752	1 016 751,062	20,788	20,322
17	24	98 873	46 784,543	967 840,310	20,687	20,222
18	25	98 828	44 749,544	921 055,767	20,582	20,117
19	26	98 772	42 797,978	876 306,223	20,475	20,010
20	27	98 714	40 931,012	833 508,245	20,364	19,898
21	28	98 650	39 143,094	792 577,233	20,248	19,783
22	29	98 587	37 433,503	753 434,139	20,127	19,662
23	30	98 517	35 796,018	716 000,636	20,002	19,537
24	31	98 445	34 229,675	680 204,618	19,872	19,406
25	32	98 367	32 729,835	645 974,943	19,737	19,271
26	33	98 291	31 295,974	613 245,108	19,595	19,129
27	34	98 210	29 923,772	581 949,134	19,448	18,982
28	35	98 125	28 610,344	552 025,361	19,295	18,829
29	36	98 037	27 353,767	523 415,018	19,135	18,669
30	37	97 941	26 150,203	496 061,251	18,970	18,504
31	38	97 839	24 998,198	469 911,048	18,798	18,332
32	39	97 720	23 892,566	444 912,849	18,621	18,156
33	40	97 599	22 835,468	421 020,283	18,437	17,972
34	41	97 461	21 821,161	398 184,815	18,248	17,782
35	42	97 314	20 849,979	376 363,654	18,051	17,585
36	43	97 159	19 920,302	355 513,675	17,847	17,381
37	44	96 987	19 028,811	335 593,373	17,636	17,170
38	45	96 798	18 173,890	316 564,562	17,419	16,953
39	46	96 583	17 352,697	298 390,672	17,196	16,730
40	47	96 358	16 566,759	281 037,975	16,964	16,498
41	48	96 107	15 812,038	264 471,217	16,726	16,260
42	49	95 826	15 086,867	248 659,179	16,482	16,016
43	50	95 521	14 391,192	233 572,311	16,230	15,765
44	51	95 197	13 724,789	219 181,119	15,970	15,504
45	52	94 822	13 082,064	205 456,329	15,705	15,240
46	53	94 416	12 465,053	192 374,265	15,433	14,967
47	54	93 968	11 871,725	179 909,213	15,154	14,689
48	55	93 475	11 300,863	168 037,487	14,869	14,404
49	56	92 924	10 750,502	156 736,625	14,579	14,114
50	57	92 316	10 220,306	145 986,123	14,284	13,818
51	58	91 648	9 709,434	135 765,817	13,983	13,517
52	59	90 912	9 216,666	126 056,383	13,677	13,211
53	60	90 109	8 741,919	116 839,717	13,365	12,900
54	61	89 213	8 282,248	108 097,799	13,052	12,586
55	62	88 234	7 838,637	99 815,551	12,734	12,268
56	63	87 174	7 410,994	91 976,914	12,411	11,945
57	64	86 016	6 997,597	84 565,920	12,085	11,619
58	65	84 747	6 597,494	77 568,323	11,757	11,292
59	66	83 386	6 211,986	70 970,829	11,425	10,959
60	67	81 916	5 839,737	64 758,843	11,089	10,624
61	68	80 342	5 480,857	58 919,105	10,750	10,284
62	69	78 641	5 133,786	53 438,248	10,409	9,944
63	70	76 804	4 797,964	48 304,462	10,068	9,602
64	71	74 852	4 474,671	43 506,498	9,723	9,257
65	72	72 774	4 163,118	39 031,828	9,376	8,910
66	73	70 591	3 864,305	34 868,710	9,023	8,558
67	74	68 279	3 576,795	31 004,405	8,668	8,203
68	75	65 854	3 301,199	27 427,610	8,308	7,843
69	76	63 348	3 038,864	24 126,411	7,939	7,474
70	77	60 674	2 785,256	21 087,547	7,571	7,106
71	78	57 910	2 543,862	18 302,290	7,195	6,729
72	79	54 932	2 309,167	15 758,428	6,824	6,359
73	80	51 814	2 084,270	13 449,261	6,453	5,987
74	81	48 489	1 866,549	11 364,991	6,089	5,623
75	82	44 977	1 656,795	9 498,442	5,733	5,267
76	83	41 319	1 456,488	7 841,647	5,384	4,918
77	84	37 526	1 265,854	6 385,159	5,044	4,579
78	85	33 653	1 086,324	5 119,305	4,713	4,247
79	86	29 678	916,740	4 032,980	4,399	3,934
80	87	25 723	760,370	3 116,240	4,098	3,633
81	88	21 846	617,952	2 355,870	3,812	3,347
82	89	18 102	490,007	1 737,917	3,547	3,081
83	90	14 613	378,519	1 247,910	3,297	2,831
84	91	11 443	283,644	869,391	3,065	2,599
85	92	8 649	205,145	585,747	2,855	2,390
86	93	6 291	142,805	380,603	2,665	2,200
87	94	4 391	95,374	237,797	2,493	2,028
88	95	2 934	60,979	142,423	2,336	1,870
89	96	1 866	37,119	81,444	2,194	1,729
90	97	1 113	21,184	44,325	2,092	1,627
91	98	639	11,630	23,141	1,990	1,524
92	99	351	6,123	11,511	1,880	1,414
93	100	180	3,009	5,388	1,790	1,325

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 620	99 620,233	2 177 937,502	21,862	21,397
1	9	99 258	94 984,155	2 078 317,269	21,881	21,415
2	10	99 225	90 863,245	1 983 333,114	21,828	21,362
3	11	99 204	86 931,815	1 892 469,869	21,770	21,304
4	12	99 185	83 172,845	1 805 538,054	21,708	21,243
5	13	99 167	79 576,511	1 722 365,209	21,644	21,179
6	14	99 148	76 134,948	1 642 788,699	21,577	21,112
7	15	99 129	72 843,069	1 566 653,751	21,507	21,042
8	16	99 109	69 691,801	1 493 810,682	21,435	20,969
9	17	99 086	66 675,197	1 424 118,881	21,359	20,893
10	18	99 064	63 790,224	1 357 443,684	21,280	20,814
11	19	99 037	61 026,414	1 293 653,460	21,198	20,733
12	20	99 012	58 383,756	1 232 627,046	21,112	20,647
13	21	98 987	55 855,448	1 174 243,290	21,023	20,557
14	22	98 961	53 436,252	1 118 387,842	20,929	20,464
15	23	98 931	51 119,908	1 064 951,590	20,832	20,367
16	24	98 898	48 901,950	1 013 831,682	20,732	20,266
17	25	98 856	46 776,125	964 929,733	20,629	20,163
18	26	98 810	44 741,031	918 153,608	20,522	20,056
19	27	98 753	42 789,924	873 412,577	20,412	19,946
20	28	98 693	40 922,205	830 622,653	20,298	19,832
21	29	98 627	39 133,870	789 700,448	20,179	19,714
22	30	98 561	37 423,816	750 566,578	20,056	19,590
23	31	98 485	35 784,666	713 142,762	19,929	19,463
24	32	98 414	34 218,927	677 358,096	19,795	19,329
25	33	98 334	32 718,621	643 139,169	19,657	19,191
26	34	98 255	31 284,697	610 420,548	19,512	19,046
27	35	98 170	29 911,623	579 135,851	19,362	18,896
28	36	98 084	28 598,552	549 224,227	19,205	18,739
29	37	97 992	27 341,225	520 625,675	19,042	18,576
30	38	97 894	26 137,791	493 284,450	18,872	18,407
31	39	97 780	24 983,118	467 146,659	18,698	18,233
32	40	97 661	23 878,203	442 163,541	18,517	18,052
33	41	97 533	22 819,810	418 285,338	18,330	17,864
34	42	97 389	21 805,008	395 465,527	18,136	17,671
35	43	97 237	20 833,429	373 660,520	17,936	17,470
36	44	97 071	19 902,213	352 827,091	17,728	17,262
37	45	96 893	19 010,342	332 924,878	17,513	17,047
38	46	96 687	18 152,950	313 914,536	17,293	16,827
39	47	96 466	17 331,570	295 761,586	17,065	16,599
40	48	96 226	16 544,057	278 430,017	16,830	16,364
41	49	95 954	15 786,833	261 885,960	16,589	16,123
42	50	95 658	15 060,495	246 099,127	16,341	15,875
43	51	95 344	14 364,523	231 038,632	16,084	15,618
44	52	94 993	13 695,381	216 674,110	15,821	15,355
45	53	94 601	13 051,544	202 978,728	15,552	15,086
46	54	94 173	12 433,047	189 927,184	15,276	14,810
47	55	93 696	11 837,432	177 494,138	14,994	14,529
48	56	93 171	11 264,186	165 656,706	14,706	14,241
49	57	92 591	10 712,047	154 392,520	14,413	13,947
50	58	91 954	10 180,200	143 680,472	14,114	13,648
51	59	91 250	9 667,204	133 500,273	13,810	13,344
52	60	90 484	9 173,289	123 833,069	13,499	13,034
53	61	89 634	8 695,797	114 659,780	13,186	12,720
54	62	88 706	8 235,156	105 963,983	12,867	12,402
55	63	87 693	7 790,551	97 728,827	12,545	12,079
56	64	86 586	7 360,978	89 938,276	12,218	11,753
57	65	85 373	6 945,306	82 577,298	11,890	11,424
58	66	84 071	6 544,909	75 631,991	11,556	11,090
59	67	82 655	6 157,556	69 087,083	11,220	10,754
60	68	81 140	5 784,363	62 929,526	10,879	10,414
61	69	79 501	5 423,496	57 145,163	10,537	10,071
62	70	77 732	5 074,467	51 721,666	10,193	9,727
63	71	75 836	4 737,515	46 647,199	9,846	9,381
64	72	73 826	4 413,360	41 909,684	9,496	9,030
65	73	71 696	4 101,448	37 496,325	9,142	8,677
66	74	69 432	3 800,868	33 394,877	8,786	8,321
67	75	67 060	3 512,973	29 594,009	8,424	7,959
68	76	64 587	3 237,713	26 081,036	8,055	7,590
69	77	61 982	2 973,328	22 843,323	7,683	7,217
70	78	59 231	2 718,977	19 869,995	7,308	6,842
71	79	56 320	2 474,038	17 151,018	6,932	6,467
72	80	53 207	2 236,626	14 676,980	6,562	6,096
73	81	49 924	2 008,274	12 440,354	6,195	5,729
74	82	46 420	1 786,896	10 432,080	5,838	5,372
75	83	42 756	1 574,984	8 645,183	5,489	5,023
76	84	38 975	1 373,889	7 070,199	5,146	4,681
77	85	35 081	1 183,367	5 696,310	4,814	4,348
78	86	31 092	1 003,628	4 512,944	4,497	4,031
79	87	27 091	836,819	3 509,315	4,194	3,728
80	88	23 152	684,375	2 672,496	3,905	3,439
81	89	19 351	547,381	1 988,122	3,632	3,166
82	90	15 758	426,543	1 440,741	3,378	2,912
83	91	12 458	322,696	1 014,198	3,143	2,677
84	92	9 525	236,096	691,502	2,929	2,463
85	93	7 027	166,680	455,406	2,732	2,267
86	94	4 977	112,963	288,727	2,556	2,090
87	95	3 380	73,422	175,764	2,394	1,928
88	96	2 192	45,565	102,342	2,246	1,780
89	97	1 333	26,516	56,777	2,141	1,676
90	98	780	14,850	30,261	2,038	1,572
91	99	439	7,989	15,411	1,929	1,463
92	100	233	4,060	7,422	1,828	1,363

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 613	99 613,291	2 174 681,142	21,831	21,366
1	10	99 252	94 978,345	2 075 067,851	21,848	21,382
2	11	99 219	90 857,930	1 980 089,506	21,793	21,328
3	12	99 196	86 925,093	1 889 231,576	21,734	21,268
4	13	99 177	83 166,314	1 802 306,484	21,671	21,205
5	14	99 157	79 569,014	1 719 140,170	21,606	21,140
6	15	99 138	76 127,928	1 639 571,156	21,537	21,071
7	16	99 117	72 834,206	1 563 443,229	21,466	21,000
8	17	99 094	69 681,540	1 490 609,022	21,392	20,926
9	18	99 072	66 666,118	1 420 927,483	21,314	20,848
10	19	99 045	63 777,656	1 354 261,365	21,234	20,768
11	20	99 020	61 015,747	1 290 483,709	21,150	20,684
12	21	98 994	58 372,962	1 229 467,962	21,062	20,597
13	22	98 970	55 846,238	1 171 095,000	20,970	20,504
14	23	98 945	53 427,552	1 115 248,762	20,874	20,408
15	24	98 914	51 110,708	1 061 821,210	20,775	20,309
16	25	98 880	48 893,150	1 010 710,502	20,672	20,206
17	26	98 837	46 767,227	961 817,351	20,566	20,100
18	27	98 791	44 732,611	915 050,125	20,456	19,990
19	28	98 732	42 780,716	870 317,513	20,344	19,878
20	29	98 669	40 912,562	827 536,797	20,227	19,761
21	30	98 601	39 123,743	786 624,236	20,106	19,640
22	31	98 530	37 411,948	747 500,492	19,980	19,515
23	32	98 454	35 773,429	710 088,544	19,850	19,384
24	33	98 380	34 207,203	674 315,115	19,713	19,247
25	34	98 298	32 706,831	640 107,912	19,571	19,105
26	35	98 215	31 271,996	607 401,081	19,423	18,958
27	36	98 130	29 899,296	576 129,085	19,269	18,803
28	37	98 039	28 585,440	546 229,789	19,109	18,643
29	38	97 945	27 328,247	517 644,349	18,942	18,476
30	39	97 835	26 122,023	490 316,102	18,770	18,305
31	40	97 722	24 968,100	464 194,079	18,591	18,126
32	41	97 594	23 861,830	439 225,979	18,407	17,941
33	42	97 460	22 802,918	415 364,149	18,215	17,750
34	43	97 312	21 787,700	392 561,231	18,018	17,552
35	44	97 149	20 814,511	370 773,532	17,813	17,348
36	45	96 976	19 882,896	349 959,021	17,601	17,135
37	46	96 781	18 988,438	330 076,124	17,383	16,917
38	47	96 569	18 130,848	311 087,687	17,158	16,692
39	48	96 334	17 307,820	292 956,839	16,926	16,461
40	49	96 073	16 517,685	275 649,019	16,688	16,223
41	50	95 786	15 759,236	259 131,334	16,443	15,978
42	51	95 481	15 032,584	243 372,097	16,190	15,724
43	52	95 139	14 333,744	228 339,513	15,930	15,465
44	53	94 771	13 663,430	214 005,769	15,663	15,197
45	54	94 358	13 018,032	200 342,339	15,390	14,924
46	55	93 901	12 397,131	187 324,307	15,110	14,645
47	56	93 392	11 799,014	174 927,175	14,826	14,360
48	57	92 838	11 223,895	163 128,162	14,534	14,068
49	58	92 228	10 670,012	151 904,267	14,237	13,771
50	59	91 554	10 135,922	141 234,255	13,934	13,468
51	60	90 820	9 621,706	131 098,333	13,625	13,160
52	61	90 007	9 124,891	121 476,627	13,313	12,847
53	62	89 124	8 646,353	112 351,736	12,994	12,529
54	63	88 162	8 184,638	103 705,382	12,671	12,205
55	64	87 101	7 737,974	95 520,744	12,344	11,879
56	65	85 939	7 305,972	87 782,771	12,015	11,550
57	66	84 692	6 889,949	80 476,798	11,680	11,215
58	67	83 335	6 487,562	73 586,849	11,343	10,877
59	68	81 871	6 099,169	67 099,288	11,001	10,536
60	69	80 290	5 723,826	61 000,119	10,657	10,192
61	70	78 582	5 360,830	55 276,293	10,311	9,846
62	71	76 753	5 010,535	49 915,463	9,962	9,496
63	72	74 797	4 672,603	44 904,927	9,610	9,145
64	73	72 733	4 347,982	40 232,325	9,253	8,787
65	74	70 519	4 034,117	35 884,343	8,895	8,430
66	75	68 193	3 733,048	31 850,225	8,532	8,066
67	76	65 771	3 445,414	28 117,177	8,161	7,695
68	77	63 194	3 167,888	24 671,763	7,788	7,322
69	78	60 507	2 902,573	21 503,875	7,409	6,943
70	79	57 605	2 644,346	18 601,301	7,034	6,569
71	80	54 551	2 396,318	15 956,955	6,659	6,193
72	81	51 267	2 155,075	13 560,637	6,292	5,827
73	82	47 794	1 922,574	11 405,562	5,932	5,467
74	83	44 128	1 698,661	9 482,988	5,583	5,117
75	84	40 331	1 485,664	7 784,327	5,240	4,774
76	85	36 436	1 284,362	6 298,663	4,904	4,439
77	86	32 411	1 093,283	5 014,301	4,586	4,121
78	87	28 381	916,132	3 921,017	4,280	3,814
79	88	24 383	753,183	3 004,886	3,990	3,524
80	89	20 508	606,218	2 251,703	3,714	3,249
81	90	16 845	476,485	1 645,485	3,453	2,988
82	91	13 434	363,638	1 169,000	3,215	2,749
83	92	10 370	268,601	805,362	2,998	2,533
84	93	7 739	191,827	536,761	2,798	2,333
85	94	5 559	131,848	344,934	2,616	2,151
86	95	3 831	86,963	213,086	2,450	1,985
87	96	2 526	54,863	126,123	2,299	1,833
88	97	1 566	32,549	71,260	2,189	1,724
89	98	934	18,587	38,711	2,083	1,617
90	99	536	10,200	20,124	1,973	1,507
91	100	291	5,297	9,924	1,874	1,408

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 607	99 607,197	2 171 205,953	21,798	21,332
1	11	99 247	94 972,789	2 071 598,756	21,813	21,347
2	12	99 211	90 850,904	1 976 625,967	21,757	21,291
3	13	99 188	86 918,267	1 885 775,063	21,696	21,230
4	14	99 168	83 158,478	1 798 856,796	21,632	21,166
5	15	99 148	79 561,677	1 715 698,318	21,564	21,099
6	16	99 126	76 118,665	1 636 136,641	21,495	21,029
7	17	99 103	72 823,482	1 560 017,975	21,422	20,956
8	18	99 081	69 672,051	1 487 194,494	21,346	20,880
9	19	99 053	66 652,984	1 417 522,442	21,267	20,802
10	20	99 027	63 766,508	1 350 869,459	21,185	20,719
11	21	99 001	61 004,467	1 287 102,950	21,099	20,633
12	22	98 977	58 363,336	1 226 098,484	21,008	20,542
13	23	98 954	55 837,146	1 167 735,147	20,913	20,448
14	24	98 927	53 417,937	1 111 898,001	20,815	20,349
15	25	98 896	51 101,511	1 058 480,065	20,713	20,248
16	26	98 861	48 883,850	1 007 378,553	20,608	20,142
17	27	98 818	46 758,425	958 494,704	20,499	20,033
18	28	98 770	44 722,985	911 736,278	20,386	19,921
19	29	98 709	42 770,635	867 013,293	20,271	19,806
20	30	98 644	40 901,975	824 242,658	20,152	19,686
21	31	98 570	39 111,336	783 340,683	20,028	19,563
22	32	98 499	37 400,201	744 229,347	19,899	19,433
23	33	98 421	35 761,172	706 829,146	19,765	19,300
24	34	98 345	34 194,877	671 067,974	19,625	19,159
25	35	98 258	32 693,553	636 873,097	19,480	19,014
26	36	98 175	31 259,108	604 179,544	19,328	18,862
27	37	98 085	29 885,587	572 920,437	19,170	18,705
28	38	97 993	28 571,872	543 034,850	19,006	18,540
29	39	97 886	27 311,761	514 462,978	18,837	18,371
30	40	97 776	26 106,320	487 151,217	18,660	18,195
31	41	97 655	24 950,979	461 044,897	18,478	18,012
32	42	97 522	23 844,166	436 093,918	18,289	17,824
33	43	97 383	22 784,818	412 249,752	18,093	17,628
34	44	97 223	21 767,915	389 464,934	17,892	17,426
35	45	97 054	20 794,309	367 697,019	17,683	17,217
36	46	96 865	19 859,986	346 902,710	17,467	17,002
37	47	96 664	18 965,319	327 042,724	17,244	16,779
38	48	96 437	18 106,003	308 077,405	17,015	16,550
39	49	96 180	17 280,231	289 971,401	16,781	16,315
40	50	95 905	16 488,811	272 691,171	16,538	16,072
41	51	95 609	15 730,031	256 202,360	16,287	15,822
42	52	95 277	15 000,374	240 472,328	16,031	15,565
43	53	94 917	14 300,304	225 471,954	15,767	15,301
44	54	94 528	13 628,347	211 171,651	15,495	15,029
45	55	94 085	12 980,427	197 543,303	15,219	14,753
46	56	93 596	12 356,897	184 562,876	14,936	14,470
47	57	93 058	11 756,809	172 205,980	14,647	14,182
48	58	92 474	11 179,851	160 449,170	14,352	13,886
49	59	91 827	10 623,604	149 269,320	14,051	13,585
50	60	91 123	10 088,219	138 645,716	13,743	13,278
51	61	90 341	9 570,943	128 557,497	13,432	12,966
52	62	89 495	9 073,008	118 986,555	13,114	12,649
53	63	88 578	8 593,313	109 913,547	12,791	12,325
54	64	87 567	8 129,401	101 320,234	12,463	11,998
55	65	86 450	7 680,150	93 190,833	12,134	11,668
56	66	85 254	7 247,740	85 510,683	11,798	11,333
57	67	83 950	6 829,579	78 262,943	11,459	10,994
58	68	82 545	6 426,045	71 433,364	11,116	10,651
59	69	81 014	6 035,337	65 007,319	10,771	10,306
60	70	79 363	5 657,690	58 971,982	10,423	9,958
61	71	77 592	5 293,290	53 314,292	10,072	9,606
62	72	75 701	4 941,882	48 021,002	9,717	9,252
63	73	73 689	4 603,385	43 079,120	9,358	8,893
64	74	71 539	4 276,605	38 475,736	8,997	8,531
65	75	69 261	3 962,136	34 199,131	8,631	8,166
66	76	66 881	3 661,257	30 236,995	8,259	7,793
67	77	64 352	3 371,111	26 575,738	7,883	7,418
68	78	61 690	3 092,504	23 204,627	7,504	7,038
69	79	58 846	2 822,903	20 112,124	7,125	6,659
70	80	55 795	2 561,276	17 289,220	6,750	6,285
71	81	52 562	2 308,944	14 727,945	6,379	5,913
72	82	49 079	2 063,110	12 419,000	6,020	5,554
73	83	45 434	1 827,639	10 355,891	5,666	5,201
74	84	41 625	1 602,328	8 528,252	5,322	4,857
75	85	37 703	1 388,854	6 925,924	4,987	4,521
76	86	33 662	1 186,590	5 537,070	4,666	4,201
77	87	29 585	997,971	4 350,480	4,359	3,894
78	88	25 545	824,569	3 352,509	4,066	3,600
79	89	21 598	667,168	2 527,940	3,789	3,323
80	90	17 852	527,702	1 860,772	3,526	3,061
81	91	14 361	406,215	1 333,071	3,282	2,816
82	92	11 182	302,680	926,856	3,062	2,597
83	93	8 425	218,238	624,176	2,860	2,394
84	94	6 122	151,740	405,938	2,675	2,210
85	95	4 279	101,501	254,198	2,504	2,039
86	96	2 863	64,980	152,697	2,350	1,884
87	97	1 804	39,191	87,716	2,238	1,773
88	98	1 098	22,816	48,525	2,127	1,661
89	99	642	12,767	25,709	2,014	1,548
90	100	355	6,763	12,942	1,914	1,448

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	11	99 601	99 601,371	2 167 501,612	21,762	21,296
1	12	99 239	94 965,445	2 067 900,241	21,775	21,310
2	13	99 204	90 843,770	1 972 934,796	21,718	21,252
3	14	99 179	86 910,078	1 882 091,026	21,656	21,190
4	15	99 159	83 150,811	1 795 180,948	21,589	21,124
5	16	99 136	79 551,997	1 712 030,137	21,521	21,055
6	17	99 112	76 107,457	1 632 478,140	21,450	20,984
7	18	99 089	72 813,566	1 556 370,683	21,375	20,909
8	19	99 061	69 658,325	1 483 557,117	21,298	20,832
9	20	99 035	66 641,333	1 413 898,792	21,217	20,751
10	21	99 009	63 754,719	1 347 257,459	21,132	20,666
11	22	98 985	60 994,407	1 283 502,740	21,043	20,577
12	23	98 961	58 353,834	1 222 508,332	20,950	20,484
13	24	98 937	55 827,097	1 164 154,498	20,853	20,387
14	25	98 909	53 408,325	1 108 327,401	20,752	20,286
15	26	98 877	51 091,791	1 054 919,076	20,648	20,182
16	27	98 843	48 874,650	1 003 827,286	20,539	20,073
17	28	98 797	46 748,364	954 952,636	20,428	19,962
18	29	98 746	44 712,447	908 204,272	20,312	19,846
19	30	98 683	42 759,568	863 491,825	20,194	19,729
20	31	98 613	40 889,003	820 732,258	20,072	19,607
21	32	98 539	39 099,055	779 843,254	19,945	19,480
22	33	98 465	37 387,386	740 744,199	19,813	19,347
23	34	98 385	35 748,287	703 356,813	19,675	19,210
24	35	98 305	34 180,994	667 608,526	19,532	19,066
25	36	98 218	32 680,079	633 427,532	19,383	18,917
26	37	98 130	31 244,775	600 747,454	19,227	18,762
27	38	98 038	29 871,401	569 502,678	19,065	18,600
28	39	97 934	28 554,636	539 631,277	18,898	18,433
29	40	97 828	27 295,343	511 076,642	18,724	18,258
30	41	97 709	26 088,419	483 781,299	18,544	18,078
31	42	97 582	24 932,509	457 692,880	18,357	17,892
32	43	97 445	23 825,240	432 760,371	18,164	17,698
33	44	97 295	22 764,127	408 935,131	17,964	17,498
34	45	97 129	21 746,788	386 171,004	17,758	17,292
35	46	96 942	20 770,349	364 424,216	17,545	17,080
36	47	96 747	19 835,807	343 653,867	17,325	16,859
37	48	96 531	18 939,331	323 818,060	17,098	16,632
38	49	96 283	18 077,141	304 878,730	16,865	16,400
39	50	96 012	17 250,023	286 801,588	16,626	16,161
40	51	95 727	16 458,254	269 551,565	16,378	15,912
41	52	95 404	15 696,327	253 093,311	16,124	15,659
42	53	95 054	14 965,379	237 396,984	15,863	15,397
43	54	94 674	14 263,585	222 431,605	15,594	15,129
44	55	94 255	13 588,979	208 168,020	15,319	14,853
45	56	93 780	12 938,300	194 579,041	15,039	14,573
46	57	93 262	12 312,697	181 640,742	14,752	14,287
47	58	92 693	11 710,674	169 328,045	14,459	13,994
48	59	92 071	11 131,225	157 617,371	14,160	13,694
49	60	91 395	10 573,605	146 486,146	13,854	13,388
50	61	90 642	10 034,993	135 912,541	13,544	13,078
51	62	89 827	9 516,523	125 877,547	13,227	12,762
52	63	88 946	9 017,350	116 361,024	12,904	12,439
53	64	87 980	8 535,317	107 343,674	12,576	12,111
54	65	86 912	8 068,652	98 808,356	12,246	11,780
55	66	85 761	7 618,936	90 739,704	11,910	11,444
56	67	84 507	7 184,235	83 120,768	11,570	11,104
57	68	83 154	6 764,819	75 936,533	11,225	10,760
58	69	81 681	6 358,792	69 171,714	10,878	10,413
59	70	80 078	5 965,601	62 812,922	10,529	10,064
60	71	78 363	5 586,410	56 847,320	10,176	9,710
61	72	76 529	5 220,763	51 260,911	9,819	9,353
62	73	74 580	4 868,675	46 040,148	9,456	8,991
63	74	72 479	4 527,815	41 171,473	9,093	8,627
64	75	70 262	4 200,297	36 643,659	8,724	8,258
65	76	67 929	3 885,939	32 443,362	8,349	7,883
66	77	65 439	3 582,298	28 557,423	7,972	7,506
67	78	62 821	3 290,890	24 975,125	7,589	7,124
68	79	59 997	3 007,621	21 684,235	7,210	6,744
69	80	56 998	2 734,223	18 676,614	6,831	6,365
70	81	53 761	2 467,888	15 942,391	6,460	5,994
71	82	50 319	2 210,413	13 474,503	6,096	5,630
72	83	46 655	1 961,235	11 264,091	5,743	5,278
73	84	42 857	1 723,991	9 302,855	5,396	4,931
74	85	38 913	1 497,915	7 578,864	5,060	4,594
75	86	34 833	1 283,128	6 080,949	4,739	4,274
76	87	30 727	1 083,143	4 797,821	4,430	3,964
77	88	26 628	898,228	3 714,678	4,136	3,670
78	89	22 627	730,401	2 816,450	3,856	3,390
79	90	18 801	580,758	2 086,048	3,592	3,126
80	91	15 219	449,878	1 505,291	3,346	2,880
81	92	11 953	338,119	1 055,413	3,121	2,656
82	93	9 085	245,927	717,293	2,917	2,451
83	94	6 665	172,632	471,367	2,730	2,265
84	95	4 713	116,815	298,735	2,557	2,092
85	96	3 197	75,844	181,920	2,399	1,933
86	97	2 045	46,419	106,076	2,285	1,820
87	98	1 265	27,472	59,657	2,172	1,706
88	99	754	15,672	32,185	2,054	1,588
89	100	426	8,465	16,513	1,951	1,485

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 594	99 593,669	2 163 558,175	21,724	21,258
1	13	99 231	94 957,988	2 063 964,506	21,736	21,270
2	14	99 194	90 835,212	1 969 006,518	21,677	21,211
3	15	99 170	86 902,064	1 878 171,306	21,613	21,147
4	16	99 147	83 140,694	1 791 269,242	21,545	21,079
5	17	99 122	79 540,283	1 708 128,548	21,475	21,009
6	18	99 098	76 097,094	1 628 588,265	21,401	20,936
7	19	99 070	72 799,220	1 552 491,171	21,326	20,860
8	20	99 044	69 646,149	1 479 691,951	21,246	20,780
9	21	99 017	66 629,013	1 410 045,801	21,163	20,697
10	22	98 993	63 744,206	1 343 416,789	21,075	20,610
11	23	98 969	60 984,477	1 279 672,582	20,984	20,518
12	24	98 943	58 343,333	1 218 688,106	20,888	20,423
13	25	98 919	55 817,052	1 160 344,773	20,788	20,323
14	26	98 890	53 398,165	1 104 527,721	20,685	20,219
15	27	98 858	51 082,175	1 051 129,556	20,577	20,112
16	28	98 821	48 864,133	1 000 047,380	20,466	20,000
17	29	98 774	46 737,348	951 183,248	20,352	19,886
18	30	98 721	44 700,877	904 445,900	20,233	19,768
19	31	98 652	42 746,007	859 745,023	20,113	19,647
20	32	98 582	40 876,164	816 999,016	19,987	19,522
21	33	98 505	39 085,659	776 122,852	19,857	19,391
22	34	98 430	37 373,915	737 037,193	19,721	19,255
23	35	98 345	35 733,773	699 663,278	19,580	19,114
24	36	98 264	34 166,907	663 929,506	19,432	18,966
25	37	98 173	32 665,095	629 762,599	19,279	18,814
26	38	98 083	31 229,945	597 097,504	19,119	18,654
27	39	97 979	29 853,381	565 867,559	18,955	18,489
28	40	97 875	28 537,470	536 014,178	18,783	18,317
29	41	97 760	27 276,627	507 476,708	18,605	18,139
30	42	97 637	26 069,107	480 200,081	18,420	17,955
31	43	97 505	24 912,718	454 130,974	18,229	17,763
32	44	97 356	23 803,605	429 218,256	18,032	17,566
33	45	97 200	22 742,033	405 414,651	17,827	17,361
34	46	97 017	21 721,730	382 672,618	17,617	17,151
35	47	96 824	20 745,061	360 950,888	17,399	16,934
36	48	96 614	19 808,626	340 205,827	17,175	16,709
37	49	96 377	18 909,141	320 397,202	16,944	16,478
38	50	96 115	18 045,541	301 488,061	16,707	16,241
39	51	95 834	17 218,056	283 442,520	16,462	15,996
40	52	95 522	16 422,989	266 224,464	16,210	15,745
41	53	95 181	15 659,708	249 801,475	15,952	15,486
42	54	94 810	14 926,953	234 141,768	15,686	15,220
43	55	94 400	14 222,382	219 214,815	15,413	14,948
44	56	93 949	13 544,877	204 992,433	15,134	14,669
45	57	93 445	12 892,020	191 447,556	14,850	14,384
46	58	92 896	12 264,380	178 555,536	14,559	14,093
47	59	92 290	11 659,739	166 291,156	14,262	13,796
48	60	91 638	11 078,837	154 631,417	13,957	13,492
49	61	90 913	10 517,819	143 552,579	13,649	13,183
50	62	90 127	9 977,936	133 034,760	13,333	12,867
51	63	89 276	9 458,145	123 056,824	13,011	12,545
52	64	88 346	8 956,493	113 598,680	12,683	12,218
53	65	87 322	8 471,536	104 642,187	12,352	11,887
54	66	86 219	8 004,342	96 170,651	12,015	11,549
55	67	85 010	7 552,178	88 166,309	11,674	11,209
56	68	83 706	7 116,112	80 614,131	11,328	10,863
57	69	82 284	6 694,021	73 498,019	10,980	10,514
58	70	80 737	6 285,319	66 803,998	10,629	10,163
59	71	79 070	5 890,442	60 518,679	10,274	9,808
60	72	77 289	5 509,866	54 628,237	9,915	9,449
61	73	75 396	5 143,424	49 118,371	9,550	9,084
62	74	73 355	4 788,750	43 974,947	9,183	8,717
63	75	71 186	4 447,024	39 186,197	8,812	8,346
64	76	68 911	4 119,519	34 739,173	8,433	7,967
65	77	66 464	3 802,135	30 619,654	8,053	7,588
66	78	63 882	3 497,052	26 817,519	7,669	7,203
67	79	61 097	3 200,562	23 320,467	7,286	6,821
68	80	58 112	2 913,138	20 119,905	6,907	6,441
69	81	54 920	2 634,530	17 206,768	6,531	6,066
70	82	51 467	2 362,573	14 572,238	6,168	5,702
71	83	47 834	2 101,265	12 209,665	5,811	5,345
72	84	44 010	1 850,011	10 108,400	5,464	4,998
73	85	40 065	1 611,650	8 258,389	5,124	4,659
74	86	35 951	1 383,887	6 646,739	4,803	4,337
75	87	31 796	1 171,265	5 262,852	4,493	4,028
76	88	27 656	974,888	4 091,587	4,197	3,731
77	89	23 587	795,649	3 116,699	3,917	3,452
78	90	19 697	635,801	2 321,050	3,651	3,185
79	91	16 028	495,110	1 685,249	3,404	2,938
80	92	12 668	374,463	1 190,139	3,178	2,713
81	93	9 712	274,721	815,676	2,969	2,503
82	94	7 187	194,534	540,955	2,781	2,315
83	95	5 131	132,898	346,420	2,607	2,141
84	96	3 521	87,287	213,522	2,446	1,981
85	97	2 284	54,179	126,236	2,330	1,864
86	98	1 434	32,539	72,057	2,215	1,749
87	99	869	18,870	39,518	2,094	1,629
88	100	500	10,391	20,648	1,987	1,521

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 586	99 585,848	2 159 367,702	21,683	21,218
1	14	99 222	94 949,041	2 059 781,854	21,694	21,228
2	15	99 185	90 826,836	1 964 832,812	21,633	21,167
3	16	99 158	86 891,491	1 874 005,976	21,567	21,102
4	17	99 132	83 128,452	1 787 114,485	21,498	21,033
5	18	99 108	79 529,453	1 703 986,033	21,426	20,960
6	19	99 079	76 082,102	1 624 456,581	21,351	20,886
7	20	99 052	72 786,496	1 548 374,479	21,273	20,807
8	21	99 026	69 633,273	1 475 587,983	21,191	20,725
9	22	99 001	66 618,026	1 405 954,710	21,105	20,639
10	23	98 977	63 733,828	1 339 336,684	21,015	20,549
11	24	98 951	60 973,502	1 275 602,856	20,921	20,455
12	25	98 926	58 332,835	1 214 629,354	20,822	20,357
13	26	98 900	55 806,434	1 156 296,520	20,720	20,254
14	27	98 872	53 388,116	1 100 490,086	20,613	20,147
15	28	98 837	51 071,183	1 047 101,970	20,503	20,037
16	29	98 798	48 852,618	996 030,787	20,388	19,923
17	30	98 748	46 725,254	947 178,168	20,271	19,806
18	31	98 690	44 686,701	900 452,915	20,150	19,685
19	32	98 621	42 732,585	855 766,214	20,026	19,560
20	33	98 548	40 862,159	813 033,629	19,897	19,431
21	34	98 470	39 071,575	772 171,470	19,763	19,297
22	35	98 390	37 358,741	733 099,895	19,623	19,158
23	36	98 305	35 719,046	695 741,154	19,478	19,013
24	37	98 219	34 151,241	660 022,108	19,326	18,861
25	38	98 126	32 649,590	625 870,867	19,169	18,704
26	39	98 024	31 211,105	593 221,277	19,007	18,541
27	40	97 920	29 835,435	562 010,172	18,837	18,371
28	41	97 808	28 517,902	532 174,737	18,661	18,195
29	42	97 688	27 256,435	503 656,835	18,478	18,013
30	43	97 560	26 048,414	476 400,400	18,289	17,823
31	44	97 416	24 890,096	450 351,986	18,094	17,628
32	45	97 262	23 780,501	425 461,890	17,891	17,426
33	46	97 088	22 715,829	401 681,388	17,683	17,217
34	47	96 899	21 695,284	378 965,559	17,468	17,002
35	48	96 692	20 716,634	357 270,276	17,246	16,780
36	49	96 460	19 777,050	336 553,642	17,017	16,552
37	50	96 209	18 876,086	316 776,592	16,782	16,316
38	51	95 936	18 012,099	297 900,506	16,539	16,073
39	52	95 629	17 181,163	279 888,407	16,290	15,825
40	53	95 299	16 384,675	262 707,244	16,034	15,568
41	54	94 937	15 619,499	246 322,570	15,770	15,305
42	55	94 536	14 883,833	230 703,071	15,500	15,035
43	56	94 094	14 176,224	215 819,238	15,224	14,758
44	57	93 613	13 496,427	201 643,014	14,940	14,475
45	58	93 078	12 841,430	188 146,587	14,652	14,186
46	59	92 492	12 211,037	175 305,157	14,356	13,891
47	60	91 856	11 604,864	163 094,120	14,054	13,588
48	61	91 155	11 020,386	151 489,255	13,746	13,281
49	62	90 396	10 458,016	140 468,869	13,432	12,966
50	63	89 574	9 916,727	130 010,853	13,110	12,645
51	64	88 674	9 394,313	120 094,126	12,784	12,318
52	65	87 685	8 889,564	110 699,813	12,453	11,987
53	66	86 626	8 404,014	101 810,249	12,114	11,649
54	67	85 464	7 934,207	93 406,235	11,773	11,307
55	68	84 204	7 480,567	85 472,029	11,426	10,960
56	69	82 830	7 041,637	77 991,462	11,076	10,610
57	70	81 333	6 616,674	70 949,825	10,723	10,257
58	71	79 720	6 206,132	64 333,151	10,366	9,900
59	72	77 986	5 809,732	58 127,019	10,005	9,539
60	73	76 144	5 428,245	52 317,287	9,638	9,172
61	74	74 158	5 058,989	46 889,042	9,268	8,803
62	75	72 047	4 703,303	41 830,053	8,894	8,428
63	76	69 817	4 361,502	37 126,749	8,512	8,047
64	77	67 425	4 030,678	32 765,248	8,129	7,663
65	78	64 882	3 711,657	28 734,570	7,742	7,276
66	79	62 128	3 401,065	25 022,912	7,357	6,892
67	80	59 177	3 100,018	21 621,847	6,975	6,509
68	81	55 994	2 806,920	18 521,830	6,599	6,133
69	82	52 576	2 522,104	15 714,909	6,231	5,765
70	83	48 925	2 245,912	13 192,805	5,874	5,409
71	84	45 121	1 982,099	10 946,893	5,523	5,057
72	85	41 142	1 729,458	8 964,794	5,184	4,718
73	86	37 015	1 488,964	7 235,336	4,859	4,394
74	87	32 816	1 263,240	5 746,372	4,549	4,083
75	88	28 618	1 054,202	4 483,132	4,253	3,787
76	89	24 498	863,554	3 428,930	3,971	3,505
77	90	20 532	692,598	2 565,377	3,704	3,238
78	91	16 792	542,036	1 872,778	3,455	2,989
79	92	13 341	412,112	1 330,743	3,229	2,763
80	93	10 293	304,251	918,630	3,019	2,554
81	94	7 683	217,312	614,380	2,827	2,362
82	95	5 533	149,759	397,068	2,651	2,186
83	96	3 834	99,304	247,309	2,490	2,025
84	97	2 516	62,353	148,004	2,374	1,908
85	98	1 601	37,978	85,651	2,255	1,790
86	99	985	22,350	47,673	2,133	1,667
87	100	576	12,512	25,323	2,024	1,558

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	14	99 576	99 576,466	2 154 920,219	21,641	21,175
1	15	99 213	94 940,287	2 055 343,753	21,649	21,183
2	16	99 173	90 815,785	1 960 403,467	21,587	21,121
3	17	99 143	86 878,697	1 869 587,681	21,520	21,054
4	18	99 119	83 117,133	1 782 708,984	21,448	20,983
5	19	99 089	79 513,784	1 699 591,852	21,375	20,909
6	20	99 061	76 068,803	1 620 078,068	21,298	20,832
7	21	99 034	72 773,039	1 544 009,265	21,217	20,751
8	22	99 009	69 621,791	1 471 236,226	21,132	20,666
9	23	98 985	66 607,180	1 401 614,435	21,043	20,577
10	24	98 959	63 722,358	1 335 007,255	20,950	20,485
11	25	98 933	60 962,530	1 271 284,896	20,854	20,388
12	26	98 907	58 321,738	1 210 322,366	20,753	20,287
13	27	98 881	55 795,931	1 152 000,628	20,647	20,181
14	28	98 851	53 376,628	1 096 204,697	20,537	20,072
15	29	98 814	51 059,149	1 042 828,069	20,424	19,958
16	30	98 773	48 839,977	991 768,920	20,306	19,841
17	31	98 717	46 710,436	942 928,943	20,187	19,721
18	32	98 659	44 672,669	896 218,507	20,062	19,596
19	33	98 587	42 717,944	851 545,838	19,934	19,469
20	34	98 512	40 847,435	808 827,895	19,801	19,336
21	35	98 430	39 055,712	767 980,460	19,664	19,198
22	36	98 349	37 343,344	728 924,748	19,520	19,054
23	37	98 260	35 702,669	691 581,404	19,371	18,905
24	38	98 173	34 135,031	655 878,735	19,214	18,749
25	39	98 067	32 629,894	621 743,704	19,054	18,589
26	40	97 965	31 192,343	589 113,810	18,886	18,421
27	41	97 853	29 814,977	557 921,467	18,713	18,247
28	42	97 735	28 496,791	528 106,490	18,532	18,067
29	43	97 611	27 234,800	499 609,699	18,345	17,879
30	44	97 471	26 024,761	472 374,899	18,151	17,685
31	45	97 322	24 865,938	446 350,138	17,950	17,485
32	46	97 150	23 753,101	421 484,200	17,744	17,279
33	47	96 970	22 688,172	397 731,099	17,530	17,065
34	48	96 766	21 665,555	375 042,927	17,311	16,845
35	49	96 538	20 683,610	353 377,373	17,085	16,619
36	50	96 292	19 742,478	332 693,762	16,852	16,386
37	51	96 030	18 841,105	312 951,284	16,610	16,144
38	52	95 731	17 973,505	294 110,179	16,364	15,898
39	53	95 406	17 141,080	276 136,675	16,110	15,644
40	54	95 055	16 342,604	258 995,595	15,848	15,382
41	55	94 663	15 574,379	242 652,991	15,580	15,115
42	56	94 230	14 835,528	227 078,612	15,306	14,841
43	57	93 757	14 125,516	212 243,084	15,026	14,560
44	58	93 246	13 443,466	198 117,568	14,737	14,271
45	59	92 673	12 785,577	184 674,102	14,444	13,978
46	60	92 056	12 153,568	171 888,525	14,143	13,677
47	61	91 371	11 543,638	159 734,957	13,837	13,372
48	62	90 636	10 957,725	148 191,320	13,524	13,058
49	63	89 841	10 393,862	137 233,594	13,203	12,738
50	64	88 970	9 849,800	126 839,732	12,877	12,412
51	65	88 011	9 324,112	116 989,932	12,547	12,081
52	66	86 987	8 818,710	107 665,820	12,209	11,743
53	67	85 867	8 330,377	98 847,110	11,866	11,400
54	68	84 654	7 858,973	90 516,733	11,518	11,052
55	69	83 322	7 402,278	82 657,760	11,167	10,701
56	70	81 873	6 960,274	75 255,483	10,812	10,347
57	71	80 309	6 533,312	68 295,208	10,453	9,988
58	72	78 627	6 121,096	61 761,897	10,090	9,624
59	73	76 831	5 723,669	55 640,800	9,721	9,256
60	74	74 894	5 339,134	49 917,131	9,349	8,884
61	75	72 835	4 968,721	44 577,997	8,972	8,506
62	76	70 661	4 612,852	39 609,276	8,587	8,121
63	77	68 312	4 267,442	34 996,424	8,201	7,735
64	78	65 820	3 934,762	30 728,982	7,810	7,344
65	79	63 101	3 609,780	26 794,220	7,423	6,957
66	80	60 177	3 294,222	23 184,440	7,038	6,572
67	81	57 020	2 986,986	19 890,218	6,659	6,193
68	82	53 604	2 687,138	16 903,232	6,290	5,825
69	83	49 980	2 397,565	14 216,093	5,929	5,464
70	84	46 151	2 118,543	11 818,528	5,579	5,113
71	85	42 181	1 852,939	9 699,985	5,235	4,769
72	86	38 010	1 597,804	7 847,046	4,911	4,446
73	87	33 788	1 359,156	6 249,242	4,598	4,132
74	88	29 537	1 136,984	4 890,086	4,301	3,835
75	89	25 350	933,810	3 753,101	4,019	3,554
76	90	21 325	751,708	2 819,291	3,751	3,285
77	91	17 504	590,456	2 067,583	3,502	3,036
78	92	13 977	451,172	1 477,127	3,274	2,808
79	93	10 840	334,840	1 025,955	3,064	2,598
80	94	8 142	240,670	691,114	2,872	2,406
81	95	5 914	167,294	450,444	2,693	2,227
82	96	4 134	111,904	283,150	2,530	2,065
83	97	2 739	70,938	171,247	2,414	1,948
84	98	1 763	43,708	100,309	2,295	1,829
85	99	1 100	26,087	56,600	2,170	1,704
86	100	653	14,819	30,514	2,059	1,593

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 567	99 567,285	2 150 206,939	21,596	21,130
1	16	99 201	94 928,735	2 050 639,654	21,602	21,136
2	17	99 159	90 802,413	1 955 710,919	21,538	21,072
3	18	99 130	86 866,867	1 864 908,506	21,469	21,003
4	19	99 099	83 100,757	1 778 041,639	21,396	20,931
5	20	99 071	79 499,886	1 694 940,882	21,320	20,854
6	21	99 043	76 054,740	1 615 440,996	21,241	20,775
7	22	99 018	72 761,039	1 539 386,256	21,157	20,691
8	23	98 993	69 610,456	1 466 625,217	21,069	20,603
9	24	98 967	66 595,193	1 397 014,761	20,978	20,512
10	25	98 941	63 710,892	1 330 419,569	20,882	20,417
11	26	98 914	60 950,934	1 266 708,676	20,782	20,317
12	27	98 888	58 310,762	1 205 757,742	20,678	20,213
13	28	98 860	55 783,925	1 147 446,980	20,569	20,104
14	29	98 827	53 364,050	1 091 663,055	20,457	19,991
15	30	98 788	51 045,936	1 038 299,005	20,340	19,875
16	31	98 741	48 824,488	987 253,069	20,220	19,755
17	32	98 686	46 695,769	938 428,581	20,097	19,631
18	33	98 625	44 657,363	891 732,812	19,968	19,503
19	34	98 552	42 702,551	847 075,449	19,837	19,371
20	35	98 472	40 830,851	804 372,898	19,700	19,235
21	36	98 389	39 039,616	763 542,047	19,558	19,093
22	37	98 304	37 326,222	724 502,431	19,410	18,944
23	38	98 213	35 685,722	687 176,209	19,256	18,791
24	39	98 114	34 114,439	651 490,487	19,097	18,632
25	40	98 008	32 610,279	617 376,048	18,932	18,466
26	41	97 898	31 170,954	584 765,769	18,760	18,294
27	42	97 781	29 792,906	553 594,815	18,581	18,116
28	43	97 658	28 474,172	523 801,909	18,396	17,930
29	44	97 522	27 210,069	495 327,737	18,204	17,738
30	45	97 376	25 999,502	468 117,668	18,005	17,539
31	46	97 210	24 837,287	442 118,167	17,801	17,335
32	47	97 031	23 724,181	417 280,880	17,589	17,123
33	48	96 837	22 657,082	393 556,699	17,370	16,905
34	49	96 612	21 631,019	370 899,616	17,147	16,681
35	50	96 369	20 647,454	349 268,598	16,916	16,450
36	51	96 113	19 705,891	328 621,144	16,676	16,211
37	52	95 825	18 800,734	308 915,252	16,431	15,965
38	53	95 507	17 931,573	290 114,518	16,179	15,713
39	54	95 161	17 097,067	272 182,945	15,920	15,454
40	55	94 780	16 295,395	255 085,878	15,654	15,188
41	56	94 355	15 523,833	238 790,483	15,382	14,917
42	57	93 893	14 782,462	223 266,650	15,103	14,638
43	58	93 389	14 070,086	208 484,188	14,818	14,352
44	59	92 840	13 384,994	194 414,102	14,525	14,059
45	60	92 237	12 725,404	181 029,108	14,226	13,760
46	61	91 571	12 089,446	168 303,704	13,922	13,456
47	62	90 851	11 478,002	156 214,258	13,610	13,144
48	63	90 080	10 890,506	144 736,256	13,290	12,825
49	64	89 235	10 323,715	133 845,750	12,965	12,499
50	65	88 305	9 776,195	123 522,035	12,635	12,169
51	66	87 310	9 249,795	113 745,840	12,297	11,832
52	67	86 224	8 741,440	104 496,045	11,954	11,488
53	68	85 053	8 251,386	95 754,605	11,605	11,139
54	69	83 768	7 776,723	87 503,219	11,252	10,786
55	70	82 360	7 316,747	79 726,495	10,896	10,431
56	71	80 841	6 872,583	72 409,748	10,536	10,070
57	72	79 208	6 443,794	65 537,165	10,171	9,705
58	73	77 463	6 030,421	59 093,371	9,799	9,334
59	74	75 570	5 629,709	53 062,950	9,426	8,960
60	75	73 558	5 243,867	47 433,241	9,045	8,580
61	76	71 434	4 873,165	42 189,375	8,657	8,192
62	77	69 137	4 513,372	37 316,209	8,268	7,802
63	78	66 686	4 165,892	32 802,837	7,874	7,409
64	79	64 014	3 826,760	28 636,945	7,483	7,018
65	80	61 119	3 496,380	24 810,185	7,096	6,630
66	81	57 983	3 174,110	21 313,805	6,715	6,249
67	82	54 586	2 859,520	18 139,695	6,344	5,878
68	83	50 957	2 554,450	15 280,175	5,982	5,516
69	84	47 145	2 261,596	12 725,724	5,627	5,161
70	85	43 143	1 980,492	10 464,129	5,284	4,818
71	86	38 970	1 711,885	8 483,636	4,956	4,490
72	87	34 696	1 458,507	6 771,751	4,643	4,177
73	88	30 411	1 223,314	5 313,244	4,343	3,878
74	89	26 163	1 007,139	4 089,929	4,061	3,595
75	90	22 067	812,865	3 082,791	3,793	3,327
76	91	18 180	640,849	2 269,926	3,542	3,076
77	92	14 570	491,476	1 629,077	3,315	2,849
78	93	11 356	366,576	1 137,601	3,103	2,638
79	94	8 575	264,867	771,025	2,911	2,445
80	95	6 268	185,276	506,158	2,732	2,266
81	96	4 419	125,006	320,881	2,567	2,101
82	97	2 953	79,938	195,875	2,450	1,985
83	98	1 920	49,726	115,937	2,332	1,866
84	99	1 211	30,022	66,211	2,205	1,740
85	100	729	17,296	36,189	2,092	1,627

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 555	99 555,170	2 145 216,927	21,548	21,082
1	17	99 186	94 914,758	2 045 661,757	21,553	21,087
2	18	99 145	90 790,049	1 950 746,999	21,486	21,021
3	19	99 110	86 849,753	1 859 956,950	21,416	20,950
4	20	99 082	83 086,232	1 773 107,197	21,341	20,875
5	21	99 053	79 485,188	1 690 020,965	21,262	20,796
6	22	99 027	76 042,198	1 610 535,777	21,180	20,714
7	23	99 002	72 749,193	1 534 493,579	21,093	20,627
8	24	98 975	69 597,928	1 461 744,386	21,003	20,537
9	25	98 949	66 583,210	1 392 146,458	20,908	20,443
10	26	98 922	63 698,773	1 325 563,248	20,810	20,344
11	27	98 896	60 939,463	1 261 864,475	20,707	20,241
12	28	98 867	58 298,215	1 200 925,012	20,600	20,134
13	29	98 837	55 770,780	1 142 626,797	20,488	20,022
14	30	98 802	53 350,241	1 086 856,017	20,372	19,906
15	31	98 757	51 029,748	1 033 505,776	20,253	19,787
16	32	98 710	48 809,157	982 476,028	20,129	19,663
17	33	98 652	46 679,769	933 666,870	20,002	19,536
18	34	98 589	44 641,271	886 987,101	19,869	19,404
19	35	98 512	42 685,214	842 345,830	19,734	19,268
20	36	98 432	40 814,023	799 660,616	19,593	19,127
21	37	98 344	39 021,716	758 846,592	19,447	18,981
22	38	98 258	37 308,505	719 824,876	19,294	18,828
23	39	98 154	35 664,195	682 516,371	19,137	18,672
24	40	98 055	34 093,931	646 852,177	18,973	18,507
25	41	97 941	32 587,918	612 758,246	18,803	18,338
26	42	97 825	31 147,880	580 170,328	18,626	18,161
27	43	97 703	29 769,258	549 022,448	18,443	17,977
28	44	97 569	28 448,315	519 253,190	18,253	17,787
29	45	97 427	27 183,659	490 804,875	18,055	17,590
30	46	97 264	25 969,544	463 621,215	17,852	17,387
31	47	97 091	24 807,047	437 651,671	17,642	17,177
32	48	96 898	23 691,672	412 844,624	17,426	16,960
33	49	96 683	22 620,966	389 152,953	17,203	16,738
34	50	96 443	21 593,206	366 531,987	16,974	16,509
35	51	96 190	20 609,190	344 938,780	16,737	16,272
36	52	95 907	19 663,667	324 329,590	16,494	16,028
37	53	95 601	18 756,873	304 665,923	16,243	15,777
38	54	95 262	17 885,531	285 909,050	15,985	15,520
39	55	94 886	17 047,679	268 023,520	15,722	15,256
40	56	94 472	16 242,509	250 975,841	15,452	14,986
41	57	94 018	15 468,305	234 733,332	15,175	14,710
42	58	93 524	14 724,454	219 265,027	14,891	14,426
43	59	92 983	14 008,889	204 540,573	14,601	14,135
44	60	92 403	13 322,000	190 531,684	14,302	13,836
45	61	91 750	12 658,265	177 209,684	14,000	13,534
46	62	91 050	12 020,707	164 551,419	13,689	13,223
47	63	90 294	11 407,591	152 530,712	13,371	12,905
48	64	89 472	10 817,007	141 123,121	13,046	12,581
49	65	88 568	10 246,569	130 306,114	12,717	12,251
50	66	87 601	9 698,275	120 059,545	12,379	11,914
51	67	86 545	9 168,747	110 361,270	12,037	11,571
52	68	85 407	8 658,552	101 192,523	11,687	11,221
53	69	84 163	8 165,030	92 533,972	11,333	10,867
54	70	82 800	7 686,866	84 368,941	10,976	10,510
55	71	81 322	7 224,565	76 682,075	10,614	10,148
56	72	79 733	6 778,417	69 457,510	10,247	9,781
57	73	78 035	6 348,338	62 679,093	9,873	9,408
58	74	76 191	5 931,425	56 330,755	9,497	9,031
59	75	74 221	5 529,257	50 399,330	9,115	8,649
60	76	72 143	5 143,020	44 870,074	8,724	8,259
61	77	69 893	4 768,071	39 727,054	8,332	7,866
62	78	67 492	4 405,970	34 958,983	7,934	7,469
63	79	64 856	4 051,546	30 553,013	7,541	7,075
64	80	62 003	3 706,545	26 501,467	7,150	6,684
65	81	58 891	3 368,897	22 794,922	6,766	6,301
66	82	55 508	3 038,658	19 426,025	6,393	5,927
67	83	51 891	2 718,320	16 387,366	6,028	5,563
68	84	48 067	2 409,584	13 669,046	5,673	5,207
69	85	44 073	2 114,223	11 259,463	5,326	4,860
70	86	39 859	1 829,728	9 145,240	4,998	4,533
71	87	35 573	1 562,643	7 315,512	4,681	4,216
72	88	31 228	1 312,736	5 752,869	4,382	3,917
73	89	26 938	1 083,610	4 440,133	4,098	3,632
74	90	22 775	876,696	3 356,523	3,829	3,363
75	91	18 813	692,987	2 479,827	3,578	3,113
76	92	15 132	533,421	1 786,840	3,350	2,884
77	93	11 838	399,323	1 253,420	3,139	2,673
78	94	8 983	289,971	854,097	2,945	2,480
79	95	6 601	203,904	564,125	2,767	2,301
80	96	4 684	138,443	360,221	2,602	2,136
81	97	3 157	89,298	221,779	2,484	2,018
82	98	2 070	56,035	132,481	2,364	1,899
83	99	1 319	34,156	76,446	2,238	1,773
84	100	803	19,906	42,290	2,124	1,659

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 541	99 540,511	2 139 942,109	21,498	21,033
1	18	99 172	94 901,834	2 040 401,597	21,500	21,035
2	19	99 125	90 772,162	1 945 499,764	21,433	20,967
3	20	99 093	86 834,572	1 854 727,602	21,359	20,894
4	21	99 064	83 070,871	1 767 893,029	21,282	20,816
5	22	99 037	79 472,081	1 684 822,158	21,200	20,735
6	23	99 011	76 029,818	1 605 350,077	21,115	20,649
7	24	98 984	72 736,101	1 529 320,259	21,026	20,560
8	25	98 957	69 585,405	1 456 584,159	20,932	20,467
9	26	98 930	66 570,544	1 386 998,753	20,835	20,369
10	27	98 904	63 686,785	1 320 428,209	20,733	20,268
11	28	98 875	60 926,350	1 256 741,424	20,627	20,162
12	29	98 844	58 284,477	1 195 815,074	20,517	20,051
13	30	98 811	55 756,348	1 137 530,597	20,402	19,936
14	31	98 770	53 333,322	1 081 774,249	20,283	19,818
15	32	98 726	51 013,725	1 028 440,927	20,160	19,694
16	33	98 676	48 792,434	977 427,202	20,032	19,567
17	34	98 616	46 662,949	928 634,768	19,901	19,435
18	35	98 549	44 623,147	881 971,819	19,765	19,299
19	36	98 471	42 667,622	837 348,672	19,625	19,159
20	37	98 387	40 795,310	794 681,050	19,480	19,014
21	38	98 297	39 003,194	753 885,739	19,329	18,863
22	39	98 198	37 285,999	714 882,545	19,173	18,707
23	40	98 095	35 642,755	677 596,547	19,011	18,545
24	41	97 987	34 070,553	641 953,791	18,842	18,376
25	42	97 868	32 563,794	607 883,238	18,667	18,202
26	43	97 748	31 123,156	575 319,444	18,485	18,020
27	44	97 614	29 742,225	544 196,288	18,297	17,831
28	45	97 474	28 420,704	514 454,063	18,101	17,636
29	46	97 315	27 152,337	486 033,359	17,900	17,435
30	47	97 146	25 937,926	458 881,021	17,692	17,226
31	48	96 958	24 773,054	432 943,096	17,476	17,011
32	49	96 744	23 653,906	408 170,042	17,256	16,790
33	50	96 514	22 581,423	384 516,136	17,028	16,562
34	51	96 264	21 553,190	361 934,713	16,793	16,327
35	52	95 984	20 565,031	340 381,523	16,551	16,086
36	53	95 683	19 617,793	319 816,492	16,302	15,837
37	54	95 356	18 708,711	300 198,700	16,046	15,580
38	55	94 987	17 833,865	281 489,989	15,784	15,318
39	56	94 578	16 992,351	263 656,124	15,516	15,051
40	57	94 134	16 184,411	246 663,772	15,241	14,775
41	58	93 649	15 407,605	230 479,362	14,959	14,493
42	59	93 117	14 660,411	215 071,757	14,670	14,205
43	60	92 546	13 942,958	200 411,346	14,374	13,908
44	61	91 916	13 251,713	186 468,387	14,071	13,606
45	62	91 229	12 586,292	173 216,674	13,762	13,297
46	63	90 491	11 946,967	160 630,382	13,445	12,980
47	64	89 685	11 330,602	148 683,416	13,122	12,657
48	65	88 804	10 736,175	137 352,814	12,793	12,328
49	66	87 862	10 164,900	126 616,639	12,456	11,991
50	67	86 833	9 613,297	116 451,739	12,114	11,648
51	68	85 724	9 081,807	106 838,441	11,764	11,298
52	69	84 513	8 567,934	97 756,634	11,410	10,944
53	70	83 191	8 070,687	89 188,700	11,051	10,585
54	71	81 757	7 590,021	81 118,014	10,687	10,222
55	72	80 208	7 125,576	73 527,993	10,319	9,853
56	73	78 552	6 678,004	66 402,417	9,943	9,478
57	74	76 754	6 244,123	59 724,413	9,565	9,099
58	75	74 832	5 825,589	53 480,290	9,180	8,715
59	76	72 794	5 422,921	47 654,701	8,788	8,322
60	77	70 587	5 032,106	42 231,780	8,392	7,927
61	78	68 230	4 654,608	37 199,673	7,992	7,526
62	79	65 639	4 285,034	32 545,066	7,595	7,129
63	80	62 818	3 924,269	28 260,031	7,201	6,736
64	81	59 742	3 571,399	24 335,762	6,814	6,348
65	82	56 378	3 225,133	20 764,364	6,438	5,973
66	83	52 767	2 888,613	17 539,230	6,072	5,606
67	84	48 948	2 564,160	14 650,618	5,714	5,248
68	85	44 935	2 252,568	12 086,458	5,366	4,900
69	86	40 718	1 953,279	9 833,890	5,035	4,569
70	87	36 384	1 670,212	7 880,611	4,718	4,253
71	88	32 017	1 406,464	6 210,399	4,416	3,950
72	89	27 662	1 162,819	4 803,935	4,131	3,666
73	90	23 449	943,263	3 641,116	3,860	3,395
74	91	19 416	747,404	2 697,854	3,610	3,144
75	92	15 659	576,818	1 950,449	3,381	2,916
76	93	12 295	433,403	1 373,631	3,169	2,704
77	94	9 364	315,875	940,228	2,977	2,511
78	95	6 915	223,230	624,353	2,797	2,331
79	96	4 932	152,362	401,123	2,633	2,167
80	97	3 346	98,896	248,761	2,515	2,050
81	98	2 213	62,596	149,865	2,394	1,929
82	99	1 422	38,489	87,269	2,267	1,802
83	100	874	22,647	48,780	2,154	1,688

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 527	99 526,958	2 134 373,710	21,445	20,980
1	19	99 153	94 883,136	2 034 846,753	21,446	20,980
2	20	99 108	90 756,296	1 939 963,616	21,376	20,910
3	21	99 074	86 818,518	1 849 207,320	21,300	20,834
4	22	99 047	83 057,173	1 762 388,802	21,219	20,753
5	23	99 021	79 459,142	1 679 331,629	21,135	20,669
6	24	98 993	76 016,136	1 599 872,487	21,046	20,581
7	25	98 966	72 723,013	1 523 856,351	20,954	20,489
8	26	98 939	69 572,168	1 451 133,339	20,858	20,392
9	27	98 912	66 558,016	1 381 561,170	20,757	20,292
10	28	98 882	63 673,081	1 315 003,154	20,652	20,187
11	29	98 851	60 911,993	1 251 330,074	20,543	20,078
12	30	98 818	58 269,395	1 190 418,081	20,430	19,964
13	31	98 780	55 738,666	1 132 148,686	20,312	19,846
14	32	98 739	53 316,576	1 076 410,019	20,189	19,723
15	33	98 692	50 996,246	1 023 093,444	20,062	19,597
16	34	98 641	48 774,852	972 097,198	19,930	19,465
17	35	98 576	46 644,004	923 322,346	19,795	19,329
18	36	98 509	44 604,757	876 678,341	19,654	19,189
19	37	98 426	42 648,059	832 073,585	19,510	19,045
20	38	98 340	40 775,946	789 425,526	19,360	18,894
21	39	98 238	38 979,665	748 649,580	19,206	18,741
22	40	98 139	37 263,584	709 669,914	19,045	18,579
23	41	98 028	35 618,315	672 406,330	18,878	18,412
24	42	97 915	34 045,332	636 788,015	18,704	18,239
25	43	97 791	32 537,947	602 742,683	18,524	18,059
26	44	97 659	31 094,894	570 204,736	18,338	17,872
27	45	97 520	29 713,358	539 109,842	18,144	17,678
28	46	97 362	28 387,957	509 396,484	17,944	17,478
29	47	97 196	27 119,279	481 008,527	17,737	17,271
30	48	97 013	25 902,383	453 889,248	17,523	17,057
31	49	96 804	24 733,565	427 986,866	17,304	16,838
32	50	96 575	23 612,557	403 253,301	17,078	16,612
33	51	96 335	22 539,575	379 640,744	16,843	16,378
34	52	96 058	21 507,008	357 101,169	16,604	16,138
35	53	95 760	20 517,053	335 594,161	16,357	15,891
36	54	95 438	19 567,421	315 077,108	16,102	15,637
37	55	95 080	18 654,667	295 509,687	15,841	15,375
38	56	94 679	17 775,986	276 855,020	15,575	15,109
39	57	94 239	16 931,570	259 079,034	15,302	14,836
40	58	93 765	16 120,901	242 147,463	15,021	14,555
41	59	93 242	15 340,591	226 026,563	14,734	14,268
42	60	92 679	14 591,414	210 685,972	14,439	13,973
43	61	92 057	13 869,396	196 094,557	14,139	13,673
44	62	91 393	13 176,366	182 225,162	13,830	13,364
45	63	90 669	12 509,082	169 048,796	13,514	13,048
46	64	89 881	11 866,338	156 539,714	13,192	12,726
47	65	89 015	11 245,932	144 673,376	12,865	12,399
48	66	88 096	10 650,603	133 427,444	12,528	12,062
49	67	87 092	10 075,834	122 776,841	12,185	11,720
50	68	86 010	9 522,142	112 701,008	11,836	11,370
51	69	84 827	8 986,760	103 178,866	11,481	11,016
52	70	83 536	8 468,935	94 192,106	11,122	10,656
53	71	82 142	7 969,006	85 723,171	10,757	10,291
54	72	80 636	7 486,024	77 754,165	10,387	9,921
55	73	79 020	7 020,020	70 268,141	10,010	9,544
56	74	77 263	6 568,377	63 248,120	9,629	9,164
57	75	75 384	6 132,708	56 679,744	9,242	8,777
58	76	73 392	5 713,555	50 547,036	8,847	8,381
59	77	71 224	5 305,971	44 833,481	8,450	7,984
60	78	68 908	4 912,360	39 527,510	8,047	7,581
61	79	66 357	4 526,848	34 615,150	7,647	7,181
62	80	63 577	4 150,422	30 088,302	7,249	6,784
63	81	60 528	3 781,184	25 937,880	6,860	6,394
64	82	57 193	3 418,993	22 156,695	6,480	6,015
65	83	53 594	3 065,880	18 737,702	6,112	5,646
66	84	49 775	2 724,795	15 671,823	5,752	5,286
67	85	45 759	2 397,071	12 947,027	5,401	4,936
68	86	41 514	2 081,092	10 549,956	5,069	4,604
69	87	37 168	1 782,992	8 468,864	4,750	4,284
70	88	32 748	1 503,282	6 685,872	4,448	3,982
71	89	28 361	1 245,843	5 182,590	4,160	3,694
72	90	24 079	1 012,213	3 936,748	3,889	3,424
73	91	19 991	804,154	2 924,534	3,637	3,171
74	92	16 161	622,114	2 120,381	3,408	2,943
75	93	12 723	468,664	1 498,267	3,197	2,731
76	94	9 726	342,833	1 029,603	3,003	2,538
77	95	7 209	243,171	686,770	2,824	2,359
78	96	5 167	166,803	443,599	2,659	2,194
79	97	3 523	108,839	276,796	2,543	2,078
80	98	2 345	69,324	167,957	2,423	1,957
81	99	1 520	42,996	98,632	2,294	1,828
82	100	943	25,520	55,636	2,180	1,715

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 507	99 507,349	2 128 498,775	21,390	20,925
1	20	99 136	94 866,552	2 028 991,426	21,388	20,922
2	21	99 090	90 739,517	1 934 124,874	21,315	20,850
3	22	99 058	86 804,202	1 843 385,357	21,236	20,771
4	23	99 031	83 043,651	1 756 581,155	21,153	20,687
5	24	99 003	79 444,842	1 673 537,504	21,065	20,600
6	25	98 975	76 002,457	1 594 092,662	20,974	20,509
7	26	98 947	72 709,179	1 518 090,204	20,879	20,413
8	27	98 920	69 559,075	1 445 381,025	20,779	20,314
9	28	98 890	66 543,694	1 375 821,950	20,675	20,210
10	29	98 859	63 658,077	1 309 278,257	20,567	20,102
11	30	98 826	60 896,231	1 245 620,180	20,455	19,989
12	31	98 787	58 250,916	1 184 723,949	20,338	19,873
13	32	98 749	55 721,164	1 126 473,033	20,216	19,751
14	33	98 706	53 298,308	1 070 751,869	20,090	19,624
15	34	98 657	50 977,870	1 017 453,561	19,959	19,493
16	35	98 601	48 755,050	966 475,691	19,823	19,357
17	36	98 536	46 624,781	917 720,641	19,683	19,217
18	37	98 463	44 584,305	871 095,860	19,538	19,073
19	38	98 379	42 627,816	826 511,554	19,389	18,923
20	39	98 281	40 751,348	783 883,739	19,236	18,770
21	40	98 179	38 956,233	743 132,391	19,076	18,610
22	41	98 072	37 238,033	704 176,158	18,910	18,445
23	42	97 955	35 591,948	666 938,125	18,738	18,273
24	43	97 837	34 018,308	631 346,177	18,559	18,093
25	44	97 702	32 508,400	597 327,869	18,375	17,909
26	45	97 564	31 064,714	564 819,469	18,182	17,716
27	46	97 407	29 679,121	533 754,755	17,984	17,519
28	47	97 244	28 353,394	504 075,633	17,778	17,313
29	48	97 063	27 082,117	475 722,239	17,566	17,100
30	49	96 858	25 861,093	448 640,122	17,348	16,882
31	50	96 634	24 690,328	422 779,029	17,123	16,658
32	51	96 396	23 568,798	398 088,700	16,890	16,425
33	52	96 128	22 491,279	374 519,902	16,652	16,186
34	53	95 834	21 456,833	352 028,622	16,406	15,941
35	54	95 514	20 464,372	330 571,790	16,154	15,688
36	55	95 162	19 510,896	310 107,418	15,894	15,428
37	56	94 772	18 594,125	290 596,521	15,628	15,163
38	57	94 340	17 712,402	272 002,397	15,357	14,891
39	58	93 870	16 865,129	254 289,995	15,078	14,612
40	59	93 357	16 050,784	237 424,866	14,792	14,326
41	60	92 803	15 268,393	221 374,082	14,499	14,033
42	61	92 190	14 514,430	206 105,689	14,200	13,734
43	62	91 534	13 790,536	191 591,259	13,893	13,427
44	63	90 832	13 095,536	177 800,722	13,577	13,112
45	64	90 057	12 424,659	164 705,186	13,256	12,791
46	65	89 209	11 777,665	152 280,527	12,930	12,464
47	66	88 305	11 156,297	140 502,863	12,594	12,128
48	67	87 324	10 557,281	129 346,565	12,252	11,786
49	68	86 266	9 980,292	118 789,284	11,902	11,437
50	69	85 110	9 422,486	108 808,992	11,548	11,082
51	70	83 847	8 882,921	99 386,505	11,188	10,723
52	71	82 484	8 362,237	90 503,584	10,823	10,357
53	72	81 017	7 859,816	82 141,347	10,451	9,985
54	73	79 442	7 375,129	74 281,531	10,072	9,606
55	74	77 722	6 904,779	66 906,402	9,690	9,224
56	75	75 884	6 451,176	60 001,623	9,301	8,835
57	76	73 935	6 014,767	53 550,447	8,903	8,438
58	77	71 810	5 590,337	47 535,680	8,503	8,038
59	78	69 529	5 179,708	41 945,343	8,098	7,632
60	79	67 016	4 777,525	36 765,635	7,696	7,230
61	80	64 273	4 384,639	31 988,110	7,295	6,830
62	81	61 259	3 999,092	27 603,471	6,902	6,437
63	82	57 945	3 619,827	23 604,379	6,521	6,055
64	83	54 369	3 250,167	19 984,552	6,149	5,683
65	84	50 554	2 892,009	16 734,385	5,786	5,321
66	85	46 531	2 547,239	13 842,376	5,434	4,969
67	86	42 275	2 214,595	11 295,137	5,100	4,635
68	87	37 895	1 899,662	9 080,542	4,780	4,314
69	88	33 454	1 604,790	7 180,880	4,475	4,009
70	89	29 008	1 331,604	5 576,090	4,187	3,722
71	90	24 688	1 084,484	4 244,486	3,914	3,448
72	91	20 528	862,936	3 160,002	3,662	3,196
73	92	16 640	669,350	2 297,066	3,432	2,966
74	93	13 131	505,466	1 627,716	3,220	2,755
75	94	10 064	370,725	1 122,250	3,027	2,562
76	95	7 487	263,925	751,525	2,847	2,382
77	96	5 387	181,703	487,600	2,683	2,218
78	97	3 691	119,155	305,897	2,567	2,102
79	98	2 470	76,294	186,742	2,448	1,982
80	99	1 611	47,618	110,448	2,319	1,854
81	100	1 008	28,508	62,830	2,204	1,738

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 490	99 489,956	2 122 311,321	21,332	20,866
1	21	99 117	94 849,013	2 022 821,365	21,327	20,861
2	22	99 073	90 724,554	1 927 972,352	21,251	20,785
3	23	99 042	86 790,070	1 837 247,798	21,169	20,703
4	24	99 013	83 028,706	1 750 457,728	21,083	20,617
5	25	98 985	79 430,547	1 667 429,022	20,992	20,527
6	26	98 956	75 988,000	1 587 998,475	20,898	20,432
7	27	98 929	72 695,495	1 512 010,475	20,799	20,334
8	28	98 899	69 544,107	1 439 314,980	20,696	20,231
9	29	98 867	66 528,013	1 369 770,873	20,589	20,124
10	30	98 833	63 641,604	1 303 242,859	20,478	20,012
11	31	98 794	60 876,919	1 239 601,255	20,362	19,897
12	32	98 756	58 232,625	1 178 724,336	20,242	19,776
13	33	98 715	55 702,072	1 120 491,711	20,116	19,650
14	34	98 670	53 279,103	1 064 789,639	19,985	19,520
15	35	98 617	50 957,174	1 011 510,536	19,850	19,385
16	36	98 560	48 734,957	960 553,362	19,710	19,244
17	37	98 491	46 603,403	911 818,406	19,565	19,100
18	38	98 417	44 563,143	865 215,002	19,415	18,950
19	39	98 320	42 602,100	820 651,860	19,263	18,798
20	40	98 222	40 726,851	778 049,759	19,104	18,638
21	41	98 112	38 929,521	737 322,909	18,940	18,474
22	42	97 999	37 210,467	698 393,388	18,769	18,303
23	43	97 877	35 563,697	661 182,921	18,592	18,126
24	44	97 748	33 987,417	625 619,224	18,407	17,942
25	45	97 607	32 476,848	591 631,807	18,217	17,751
26	46	97 452	31 028,920	559 154,959	18,020	17,555
27	47	97 289	29 642,987	528 126,039	17,816	17,351
28	48	97 110	28 314,541	498 483,052	17,605	17,140
29	49	96 909	27 038,947	470 168,511	17,389	16,923
30	50	96 689	25 815,886	443 129,564	17,165	16,699
31	51	96 455	24 644,572	417 313,678	16,933	16,468
32	52	96 189	23 518,298	392 669,105	16,696	16,231
33	53	95 904	22 438,808	369 150,807	16,451	15,986
34	54	95 588	21 401,738	346 711,999	16,200	15,735
35	55	95 238	20 405,257	325 310,261	15,942	15,477
36	56	94 853	19 447,575	304 905,004	15,678	15,213
37	57	94 433	18 527,614	285 457,429	15,407	14,942
38	58	93 970	17 642,896	266 929,815	15,130	14,664
39	59	93 461	16 791,775	249 286,919	14,846	14,380
40	60	92 918	15 975,244	232 495,144	14,553	14,088
41	61	92 313	15 187,837	216 519,900	14,256	13,791
42	62	91 666	14 431,903	201 332,063	13,950	13,485
43	63	90 972	13 705,939	186 900,160	13,636	13,171
44	64	90 219	13 007,156	173 194,221	13,315	12,850
45	65	89 384	12 331,814	160 187,065	12,990	12,524
46	66	88 498	11 683,791	147 855,251	12,655	12,189
47	67	87 531	11 058,544	136 171,460	12,314	11,848
48	68	86 496	10 457,175	125 112,916	11,964	11,499
49	69	85 364	9 875,842	114 655,741	11,610	11,144
50	70	84 126	9 313,613	104 779,899	11,250	10,785
51	71	82 790	8 771,007	95 466,286	10,884	10,419
52	72	81 354	8 247,659	86 695,278	10,512	10,046
53	73	79 817	7 743,384	78 447,619	10,131	9,665
54	74	78 138	7 254,058	70 704,235	9,747	9,281
55	75	76 336	6 781,575	63 450,177	9,356	8,891
56	76	74 425	6 327,111	56 668,602	8,956	8,491
57	77	72 340	5 885,053	50 341,491	8,554	8,089
58	78	70 101	5 457,307	44 456,437	8,146	7,681
59	79	67 621	5 037,535	38 999,131	7,742	7,276
60	80	64 911	4 627,442	33 961,596	7,339	6,874
61	81	61 929	4 224,769	29 334,154	6,943	6,478
62	82	58 645	3 828,435	25 109,385	6,559	6,093
63	83	55 083	3 441,083	21 280,950	6,184	5,719
64	84	51 285	3 065,845	17 839,867	5,819	5,353
65	85	47 260	2 703,557	14 774,022	5,465	4,999
66	86	42 989	2 353,331	12 070,465	5,129	4,663
67	87	38 590	2 021,527	9 717,133	4,807	4,341
68	88	34 108	1 709,799	7 695,607	4,501	4,035
69	89	29 633	1 421,520	5 985,807	4,211	3,745
70	90	25 251	1 159,138	4 564,288	3,938	3,472
71	91	21 047	924,548	3 405,150	3,683	3,217
72	92	17 087	718,278	2 480,602	3,454	2,988
73	93	13 520	543,846	1 762,324	3,240	2,775
74	94	10 387	399,837	1 218,478	3,047	2,582
75	95	7 748	285,397	818,641	2,868	2,403
76	96	5 595	197,211	533,244	2,704	2,238
77	97	3 848	129,799	336,033	2,589	2,123
78	98	2 588	83,525	206,234	2,469	2,004
79	99	1 697	52,405	122,709	2,342	1,876
80	100	1 068	31,572	70,304	2,227	1,761

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 472	99 471,563	2 115 796,490	21,270	20,805
1	22	99 101	94 833,373	2 016 324,927	21,262	20,796
2	23	99 057	90 709,784	1 921 491,555	21,183	20,717
3	24	99 024	86 774,451	1 830 781,771	21,098	20,633
4	25	98 995	83 013,766	1 744 007,321	21,009	20,543
5	26	98 966	79 415,438	1 660 993,555	20,915	20,450
6	27	98 938	75 973,699	1 581 578,117	20,817	20,352
7	28	98 907	72 679,852	1 505 604,418	20,716	20,250
8	29	98 875	69 527,720	1 432 924,566	20,609	20,144
9	30	98 841	66 510,798	1 363 396,846	20,499	20,033
10	31	98 802	63 621,421	1 296 886,048	20,384	19,919
11	32	98 763	60 857,804	1 233 264,627	20,265	19,799
12	33	98 722	58 212,673	1 172 406,823	20,140	19,674
13	34	98 679	55 682,001	1 114 194,150	20,010	19,544
14	35	98 630	53 257,472	1 058 512,149	19,875	19,410
15	36	98 576	50 936,173	1 005 254,677	19,736	19,270
16	37	98 515	48 712,612	954 318,505	19,591	19,125
17	38	98 444	46 581,282	905 605,893	19,441	18,976
18	39	98 357	44 536,260	859 024,611	19,288	18,823
19	40	98 261	42 576,490	814 488,351	19,130	18,664
20	41	98 154	40 698,924	771 911,860	18,966	18,501
21	42	98 039	38 900,703	731 212,936	18,797	18,331
22	43	97 922	37 180,931	692 312,233	18,620	18,154
23	44	97 788	35 531,403	655 131,303	18,438	17,972
24	45	97 653	33 954,430	619 599,900	18,248	17,782
25	46	97 495	32 439,427	585 645,470	18,054	17,588
26	47	97 333	30 991,142	553 206,043	17,850	17,385
27	48	97 155	29 602,367	522 214,901	17,641	17,175
28	49	96 956	28 269,406	492 612,534	17,426	16,960
29	50	96 739	26 991,681	464 343,128	17,203	16,738
30	51	96 510	25 768,044	437 351,447	16,973	16,507
31	52	96 249	24 591,767	411 583,402	16,737	16,271
32	53	95 965	23 463,430	386 991,636	16,493	16,028
33	54	95 658	22 381,193	363 528,206	16,243	15,777
34	55	95 312	21 339,915	341 147,013	15,986	15,521
35	56	94 929	20 339,033	319 807,098	15,724	15,258
36	57	94 514	19 378,012	299 468,065	15,454	14,988
37	58	94 062	18 454,909	280 090,054	15,177	14,711
38	59	93 561	17 566,160	261 635,144	14,894	14,429
39	60	93 021	16 712,747	244 068,984	14,604	14,138
40	61	92 428	15 890,959	227 356,237	14,307	13,842
41	62	91 788	15 101,481	211 465,278	14,003	13,537
42	63	91 104	14 343,371	196 363,797	13,690	13,225
43	64	90 358	13 613,439	182 020,426	13,371	12,905
44	65	89 545	12 909,957	168 406,987	13,045	12,579
45	66	88 672	12 233,524	155 497,029	12,711	12,245
46	67	87 723	11 581,417	143 263,506	12,370	11,905
47	68	86 701	10 953,685	131 682,089	12,022	11,556
48	69	85 591	10 347,733	120 728,404	11,667	11,202
49	70	84 377	9 761,731	110 380,671	11,307	10,842
50	71	83 067	9 196,273	100 618,940	10,941	10,476
51	72	81 656	8 650,829	91 422,667	10,568	10,102
52	73	80 149	8 125,482	82 771,838	10,187	9,721
53	74	78 506	7 616,267	74 646,356	9,801	9,335
54	75	76 743	7 124,623	67 030,089	9,408	8,943
55	76	74 867	6 651,156	59 905,466	9,007	8,541
56	77	72 820	6 190,661	53 254,310	8,602	8,137
57	78	70 619	5 745,010	47 063,649	8,192	7,726
58	79	68 177	5 307,514	41 318,639	7,785	7,319
59	80	65 496	4 879,283	36 011,125	7,380	6,915
60	81	62 544	4 458,718	31 131,841	6,982	6,517
61	82	59 287	4 044,482	26 673,123	6,595	6,129
62	83	55 749	3 639,391	22 628,642	6,218	5,752
63	84	51 960	3 245,935	18 989,251	5,850	5,385
64	85	47 943	2 866,065	15 743,316	5,493	5,027
65	86	43 662	2 497,749	12 877,251	5,156	4,690
66	87	39 241	2 148,168	10 379,502	4,832	4,366
67	88	34 733	1 819,484	8 231,334	4,524	4,058
68	89	30 213	1 514,537	6 411,849	4,234	3,768
69	90	25 795	1 237,407	4 897,312	3,958	3,492
70	91	21 527	988,192	3 659,905	3,704	3,238
71	92	17 519	769,562	2 671,713	3,472	3,006
72	93	13 883	583,600	1 902,151	3,259	2,794
73	94	10 694	430,196	1 318,551	3,065	2,599
74	95	7 996	307,808	888,355	2,886	2,420
75	96	5 789	213,255	580,547	2,722	2,257
76	97	3 996	140,877	367,291	2,607	2,142
77	98	2 697	90,987	226,415	2,488	2,023
78	99	1 777	57,372	135,428	2,361	1,895
79	100	1 125	34,746	78,056	2,246	1,781

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 455	99 455,160	2 108 942,176	21,205	20,739
1	23	99 085	94 817,933	2 009 487,016	21,193	20,727
2	24	99 040	90 693,459	1 914 669,083	21,111	20,646
3	25	99 006	86 758,837	1 823 975,624	21,024	20,558
4	26	98 977	82 997,974	1 737 216,788	20,931	20,465
5	27	98 947	79 400,492	1 654 218,813	20,834	20,368
6	28	98 916	75 957,351	1 574 818,321	20,733	20,267
7	29	98 884	72 662,726	1 498 860,970	20,628	20,162
8	30	98 850	69 509,728	1 426 198,244	20,518	20,052
9	31	98 810	66 489,705	1 356 688,516	20,404	19,939
10	32	98 771	63 601,444	1 290 198,811	20,286	19,820
11	33	98 729	60 836,952	1 226 597,367	20,162	19,696
12	34	98 686	58 191,697	1 165 760,415	20,033	19,567
13	35	98 639	55 659,395	1 107 568,718	19,899	19,433
14	36	98 589	53 235,522	1 051 909,323	19,760	19,294
15	37	98 531	50 912,818	998 673,801	19,615	19,150
16	38	98 468	48 689,490	947 760,982	19,465	19,000
17	39	98 384	46 553,182	899 071,493	19,313	18,847
18	40	98 298	44 509,487	852 518,310	19,154	18,688
19	41	98 193	42 547,296	808 008,823	18,991	18,525
20	42	98 082	40 668,797	765 461,527	18,822	18,356
21	43	97 961	38 869,825	724 792,731	18,647	18,181
22	44	97 833	37 147,168	685 922,906	18,465	17,999
23	45	97 693	35 496,917	648 775,738	18,277	17,811
24	46	97 541	33 915,306	613 278,821	18,083	17,617
25	47	97 376	32 399,932	579 363,515	17,882	17,416
26	48	97 200	30 948,675	546 963,583	17,673	17,208
27	49	97 000	29 555,179	516 014,909	17,459	16,994
28	50	96 786	28 219,989	486 459,729	17,238	16,773
29	51	96 560	26 941,660	458 239,740	17,009	16,543
30	52	96 303	25 712,831	431 298,080	16,774	16,308
31	53	96 024	24 534,395	405 585,249	16,531	16,066
32	54	95 719	23 403,184	381 050,854	16,282	15,816
33	55	95 382	22 316,540	357 647,670	16,026	15,561
34	56	95 002	21 270,658	335 331,130	15,765	15,299
35	57	94 590	20 266,281	314 060,472	15,497	15,031
36	58	94 143	19 301,970	293 794,191	15,221	14,755
37	59	93 653	18 374,641	274 492,222	14,939	14,473
38	60	93 121	17 483,487	256 117,580	14,649	14,183
39	61	92 531	16 624,571	238 634,093	14,354	13,889
40	62	91 902	15 800,605	222 009,522	14,051	13,585
41	63	91 225	15 008,842	206 208,917	13,739	13,274
42	64	90 489	14 246,570	191 200,075	13,421	12,955
43	65	89 683	13 511,710	176 953,506	13,096	12,631
44	66	88 831	12 807,059	163 441,795	12,762	12,296
45	67	87 895	12 126,332	150 634,736	12,422	11,957
46	68	86 891	11 471,599	138 508,404	12,074	11,608
47	69	85 794	10 839,047	127 036,804	11,720	11,255
48	70	84 602	10 228,169	116 197,757	11,361	10,895
49	71	83 314	9 638,745	105 969,588	10,994	10,529
50	72	81 928	9 070,268	96 330,843	10,621	10,155
51	73	80 446	8 522,679	87 260,575	10,239	9,773
52	74	78 833	7 992,092	78 737,896	9,852	9,386
53	75	77 106	7 480,369	70 745,804	9,458	8,992
54	76	75 268	6 987,606	63 265,435	9,054	8,588
55	77	73 253	6 507,718	56 277,828	8,648	8,182
56	78	71 087	6 043,345	49 770,110	8,236	7,770
57	79	68 680	5 587,321	43 726,766	7,826	7,360
58	80	66 035	5 140,782	38 139,445	7,419	6,953
59	81	63 108	4 701,377	32 998,663	7,019	6,553
60	82	59 875	4 268,447	28 297,286	6,629	6,164
61	83	56 359	3 844,769	24 028,838	6,250	5,784
62	84	52 588	3 432,996	20 184,069	5,879	5,414
63	85	48 574	3 034,419	16 751,073	5,520	5,055
64	86	44 294	2 647,887	13 716,654	5,180	4,715
65	87	39 856	2 279,996	11 068,767	4,855	4,389
66	88	35 319	1 933,468	8 788,772	4,546	4,080
67	89	30 766	1 611,696	6 855,303	4,253	3,788
68	90	26 299	1 318,377	5 243,608	3,977	3,512
69	91	21 991	1 054,919	3 925,231	3,721	3,255
70	92	17 918	822,537	2 870,311	3,490	3,024
71	93	14 234	625,268	2 047,774	3,275	2,809
72	94	10 982	461,642	1 422,506	3,081	2,616
73	95	8 233	331,180	960,864	2,901	2,436
74	96	5 975	230,001	629,684	2,738	2,272
75	97	4 136	152,338	399,683	2,624	2,158
76	98	2 801	98,752	247,344	2,505	2,039
77	99	1 853	62,497	148,592	2,378	1,912
78	100	1 178	38,040	86,095	2,263	1,798

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 439	99 438,968	2 101 732,646	21,136	20,670
1	24	99 067	94 800,869	2 002 293,679	21,121	20,655
2	25	99 022	90 677,140	1 907 492,810	21,036	20,570
3	26	98 987	86 742,333	1 816 815,670	20,945	20,479
4	27	98 958	82 982,355	1 730 073,337	20,849	20,383
5	28	98 926	79 383,406	1 647 090,982	20,749	20,283
6	29	98 893	75 939,452	1 567 707,576	20,644	20,179
7	30	98 858	72 643,923	1 491 768,124	20,535	20,070
8	31	98 818	69 487,684	1 419 124,201	20,423	19,957
9	32	98 779	66 468,828	1 349 636,516	20,305	19,839
10	33	98 737	63 579,652	1 283 167,689	20,182	19,716
11	34	98 694	60 815,030	1 219 588,036	20,054	19,588
12	35	98 646	58 168,072	1 158 773,006	19,921	19,456
13	36	98 599	55 636,456	1 100 604,934	19,782	19,316
14	37	98 544	53 211,114	1 044 968,478	19,638	19,173
15	38	98 484	50 888,652	991 757,364	19,489	19,023
16	39	98 409	48 660,118	940 868,712	19,336	18,870
17	40	98 325	46 525,197	892 208,595	19,177	18,711
18	41	98 231	44 478,967	845 683,398	19,013	18,547
19	42	98 121	42 515,800	801 204,430	18,845	18,379
20	43	98 004	40 636,515	758 688,631	18,670	18,205
21	44	97 872	38 834,529	718 052,115	18,490	18,024
22	45	97 738	37 111,114	679 217,587	18,302	17,837
23	46	97 581	35 456,016	642 106,473	18,110	17,644
24	47	97 422	33 874,014	606 650,457	17,909	17,443
25	48	97 242	32 355,534	572 776,443	17,703	17,237
26	49	97 045	30 899,341	540 420,909	17,490	17,024
27	50	96 831	29 503,515	509 521,568	17,270	16,804
28	51	96 607	28 167,692	480 018,054	17,041	16,576
29	52	96 353	26 883,932	451 850,361	16,807	16,342
30	53	96 078	25 652,844	424 966,429	16,566	16,100
31	54	95 778	24 471,398	399 313,585	16,318	15,852
32	55	95 442	23 335,579	374 842,187	16,063	15,598
33	56	95 072	22 244,113	351 506,607	15,802	15,337
34	57	94 663	21 194,573	329 262,495	15,535	15,070
35	58	94 219	20 186,753	308 067,921	15,261	14,795
36	59	93 734	19 218,017	287 881,168	14,980	14,514
37	60	93 212	18 288,164	268 663,151	14,691	14,225
38	61	92 630	17 391,245	250 374,987	14,397	13,931
39	62	92 005	16 530,046	232 983,742	14,095	13,629
40	63	91 338	15 703,677	216 453,696	13,784	13,318
41	64	90 610	14 907,549	200 750,019	13,466	13,001
42	65	89 813	14 140,110	185 842,470	13,143	12,677
43	66	88 968	13 404,016	171 702,360	12,810	12,344
44	67	88 053	12 694,843	158 298,345	12,470	12,004
45	68	87 061	12 011,348	145 603,502	12,122	11,657
46	69	85 981	11 351,541	133 592,154	11,769	11,303
47	70	84 803	10 713,806	122 240,613	11,410	10,944
48	71	83 536	10 099,307	111 526,807	11,043	10,577
49	72	82 173	9 506,677	101 427,500	10,669	10,203
50	73	80 715	8 935,905	91 920,823	10,287	9,821
51	74	79 126	8 382,769	82 984,919	9,899	9,434
52	75	77 426	7 849,488	74 602,149	9,504	9,038
53	76	75 623	7 336,511	66 752,661	9,099	8,633
54	77	73 644	6 836,912	59 416,150	8,690	8,225
55	78	71 510	6 352,857	52 579,238	8,276	7,811
56	79	69 136	5 877,467	46 226,381	7,865	7,399
57	80	66 523	5 411,798	40 348,914	7,456	6,990
58	81	63 627	4 953,341	34 937,116	7,053	6,588
59	82	60 415	4 500,751	29 983,775	6,662	6,196
60	83	56 919	4 057,676	25 483,023	6,280	5,815
61	84	53 163	3 626,727	21 425,347	5,908	5,442
62	85	49 161	3 209,291	17 798,620	5,546	5,080
63	86	44 876	2 803,425	14 589,329	5,204	4,738
64	87	40 432	2 417,044	11 785,904	4,876	4,411
65	88	35 873	2 052,120	9 368,860	4,565	4,100
66	89	31 286	1 712,662	7 316,740	4,272	3,807
67	90	26 781	1 402,952	5 604,077	3,994	3,529
68	91	22 421	1 123,948	4 201,125	3,738	3,272
69	92	18 304	878,078	3 077,177	3,504	3,039
70	93	14 559	668,310	2 199,099	3,291	2,825
71	94	11 259	494,603	1 530,789	3,095	2,629
72	95	8 454	355,388	1 036,186	2,916	2,450
73	96	6 152	247,465	680,797	2,751	2,285
74	97	4 268	164,301	433,332	2,637	2,172
75	98	2 899	106,786	269,031	2,519	2,054
76	99	1 924	67,831	162,245	2,392	1,926
77	100	1 228	41,438	94,414	2,278	1,813

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 421	99 421,072	2 094 153,370	21,063	20,598
1	25	99 049	94 783,811	1 994 732,298	21,045	20,579
2	26	99 003	90 659,891	1 899 948,487	20,957	20,491
3	27	98 969	86 726,008	1 809 288,596	20,862	20,397
4	28	98 937	82 964,498	1 722 562,588	20,763	20,297
5	29	98 903	79 364,700	1 639 598,090	20,659	20,193
6	30	98 867	75 919,801	1 560 233,389	20,551	20,085
7	31	98 827	72 620,886	1 484 313,588	20,439	19,974
8	32	98 787	69 465,865	1 411 692,703	20,322	19,856
9	33	98 745	66 446,053	1 342 226,837	20,200	19,735
10	34	98 702	63 556,743	1 275 780,784	20,073	19,607
11	35	98 654	60 790,340	1 212 224,041	19,941	19,475
12	36	98 605	58 144,099	1 151 433,701	19,803	19,337
13	37	98 554	55 610,946	1 093 289,602	19,660	19,194
14	38	98 497	53 185,857	1 037 678,656	19,510	19,045
15	39	98 425	50 857,953	984 492,799	19,358	18,892
16	40	98 350	48 630,866	933 634,846	19,198	18,733
17	41	98 258	46 493,295	885 003,980	19,035	18,569
18	42	98 158	44 446,041	838 510,685	18,866	18,400
19	43	98 043	42 482,052	794 064,644	18,692	18,226
20	44	97 915	40 599,615	751 582,592	18,512	18,046
21	45	97 777	38 796,837	710 982,977	18,326	17,860
22	46	97 625	37 068,353	672 186,140	18,134	17,668
23	47	97 462	35 412,848	635 117,787	17,935	17,469
24	48	97 289	33 827,596	599 704,940	17,728	17,263
25	49	97 087	32 303,958	565 877,343	17,517	17,052
26	50	96 875	30 845,327	533 573,386	17,298	16,833
27	51	96 651	29 448,839	502 728,059	17,071	16,606
28	52	96 400	28 107,337	473 279,220	16,838	16,373
29	53	96 128	26 821,213	445 171,883	16,598	16,132
30	54	95 831	25 586,976	418 350,670	16,350	15,885
31	55	95 501	24 400,708	392 763,694	16,096	15,631
32	56	95 132	23 259,845	368 362,986	15,837	15,371
33	57	94 732	22 164,547	345 103,141	15,570	15,104
34	58	94 291	21 111,403	322 938,595	15,297	14,831
35	59	93 809	20 098,953	301 827,192	15,017	14,551
36	60	93 292	19 127,571	281 728,239	14,729	14,263
37	61	92 720	18 191,676	262 600,668	14,435	13,970
38	62	92 103	17 292,361	244 408,992	14,134	13,668
39	63	91 440	16 428,643	227 116,632	13,824	13,359
40	64	90 722	15 597,694	210 687,988	13,508	13,042
41	65	89 932	14 796,150	195 090,294	13,185	12,720
42	66	89 097	14 027,407	180 294,144	12,853	12,387
43	67	88 189	13 286,568	166 266,738	12,514	12,048
44	68	87 218	12 574,467	152 980,169	12,166	11,700
45	69	86 150	11 885,641	140 405,702	11,813	11,347
46	70	84 988	11 220,379	128 520,061	11,454	10,989
47	71	83 734	10 578,825	117 299,682	11,088	10,623
48	72	82 391	9 960,928	106 720,857	10,714	10,248
49	73	80 955	9 365,849	96 759,929	10,331	9,866
50	74	79 390	8 789,211	87 394,080	9,943	9,478
51	75	77 714	8 233,194	78 604,869	9,547	9,082
52	76	75 937	7 698,532	70 371,674	9,141	8,675
53	77	73 992	7 178,292	62 673,143	8,731	8,265
54	78	71 892	6 674,218	55 494,850	8,315	7,849
55	79	69 547	6 178,484	48 820,633	7,902	7,436
56	80	66 964	5 692,830	42 642,149	7,491	7,025
57	81	64 097	5 214,476	36 949,319	7,086	6,620
58	82	60 912	4 741,963	31 734,844	6,692	6,227
59	83	57 432	4 278,509	26 992,881	6,309	5,843
60	84	53 691	3 827,559	22 714,372	5,934	5,469
61	85	49 699	3 390,398	18 886,812	5,571	5,105
62	86	45 418	2 964,985	15 496,414	5,226	4,761
63	87	40 964	2 559,022	12 531,429	4,897	4,431
64	88	36 391	2 175,471	9 972,407	4,584	4,118
65	89	31 776	1 817,764	7 796,935	4,289	3,824
66	90	27 234	1 490,842	5 979,171	4,011	3,545
67	91	22 832	1 196,050	4 488,330	3,753	3,287
68	92	18 662	935,536	3 292,279	3,519	3,054
69	93	14 872	713,437	2 356,744	3,303	2,838
70	94	11 516	528,650	1 643,307	3,108	2,643
71	95	8 668	380,763	1 114,656	2,927	2,462
72	96	6 317	265,554	733,894	2,764	2,298
73	97	4 395	176,776	468,339	2,649	2,184
74	98	2 992	115,172	291,563	2,532	2,066
75	99	1 991	73,350	176,391	2,405	1,939
76	100	1 276	44,974	103,042	2,291	1,826

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 403	99 403,183	2 086 191,229	20,987	20,522
1	26	99 030	94 765,781	1 986 788,047	20,965	20,500
2	27	98 984	90 642,829	1 892 022,266	20,873	20,408
3	28	98 947	86 707,346	1 801 379,437	20,775	20,310
4	29	98 913	82 944,948	1 714 672,091	20,672	20,207
5	30	98 877	79 344,163	1 631 727,142	20,565	20,100
6	31	98 836	75 895,725	1 552 382,979	20,454	19,989
7	32	98 796	72 598,083	1 476 487,254	20,338	19,872
8	33	98 754	69 442,064	1 403 889,172	20,217	19,751
9	34	98 710	66 422,111	1 334 447,107	20,090	19,625
10	35	98 662	63 530,939	1 268 024,997	19,959	19,494
11	36	98 613	60 765,286	1 204 494,058	19,822	19,356
12	37	98 560	58 117,440	1 143 728,771	19,680	19,214
13	38	98 507	55 584,550	1 085 611,332	19,531	19,065
14	39	98 438	53 153,772	1 030 026,782	19,378	18,913
15	40	98 365	50 827,380	976 873,009	19,219	18,754
16	41	98 282	48 597,520	926 045,629	19,055	18,590
17	42	98 185	46 458,878	877 448,109	18,887	18,421
18	43	98 080	44 410,762	830 989,232	18,711	18,246
19	44	97 954	42 443,476	786 578,470	18,532	18,067
20	45	97 820	40 560,210	744 134,994	18,346	17,881
21	46	97 665	38 752,134	703 574,784	18,156	17,690
22	47	97 506	37 023,222	664 822,651	17,957	17,491
23	48	97 328	35 364,321	627 799,429	17,752	17,287
24	49	97 134	33 773,674	592 435,108	17,541	17,076
25	50	96 918	32 247,488	558 661,434	17,324	16,859
26	51	96 696	30 788,164	526 413,946	17,098	16,632
27	52	96 444	29 385,739	495 625,782	16,866	16,401
28	53	96 175	28 041,764	466 240,043	16,627	16,161
29	54	95 881	26 752,345	438 198,279	16,380	15,914
30	55	95 555	25 513,063	411 445,934	16,127	15,661
31	56	95 191	24 321,517	385 932,872	15,868	15,402
32	57	94 792	23 176,645	361 611,355	15,602	15,137
33	58	94 360	22 077,570	338 434,710	15,329	14,864
34	59	93 881	21 019,581	316 357,140	15,051	14,585
35	60	93 367	20 004,360	295 337,559	14,764	14,298
36	61	92 800	19 026,654	275 333,199	14,471	14,005
37	62	92 193	18 088,240	256 306,544	14,170	13,704
38	63	91 538	17 186,282	238 218,304	13,861	13,395
39	64	90 823	16 317,768	221 032,022	13,545	13,080
40	65	90 044	15 481,138	204 714,254	13,223	12,758
41	66	89 216	14 678,218	189 233,116	12,892	12,426
42	67	88 316	13 904,497	174 554,899	12,554	12,088
43	68	87 353	13 160,582	160 650,402	12,207	11,741
44	69	86 305	12 442,867	147 489,819	11,853	11,388
45	70	85 155	11 748,307	135 046,952	11,495	11,029
46	71	83 917	11 079,015	123 298,645	11,129	10,663
47	72	82 587	10 433,877	112 219,630	10,755	10,290
48	73	81 171	9 813,371	101 785,753	10,372	9,907
49	74	79 626	9 212,097	91 972,382	9,984	9,518
50	75	77 973	8 632,384	82 760,285	9,587	9,122
51	76	76 219	8 074,859	74 127,901	9,180	8,714
52	77	74 300	7 532,506	66 053,042	8,769	8,303
53	78	72 231	7 007,474	58 520,536	8,351	7,886
54	79	69 919	6 491,024	51 513,062	7,936	7,470
55	80	67 362	5 984,390	45 022,039	7,523	7,058
56	81	64 522	5 485,260	39 037,649	7,117	6,651
57	82	61 362	4 991,954	33 552,388	6,721	6,256
58	83	57 904	4 507,810	28 560,434	6,336	5,870
59	84	54 175	4 035,869	24 052,625	5,960	5,494
60	85	50 192	3 578,144	20 016,756	5,594	5,129
61	86	45 915	3 132,305	16 438,612	5,248	4,782
62	87	41 459	2 706,497	13 306,307	4,916	4,451
63	88	36 870	2 303,260	10 599,810	4,602	4,136
64	89	32 235	1 927,028	8 296,550	4,305	3,840
65	90	27 660	1 582,331	6 369,522	4,025	3,560
66	91	23 217	1 270,978	4 787,191	3,767	3,301
67	92	19 004	995,551	3 516,213	3,532	3,066
68	93	15 163	760,121	2 520,662	3,316	2,851
69	94	11 764	564,347	1 760,541	3,120	2,654
70	95	8 866	406,974	1 196,193	2,939	2,474
71	96	6 477	284,515	789,220	2,774	2,308
72	97	4 513	189,698	504,705	2,661	2,195
73	98	3 080	123,917	315,007	2,542	2,076
74	99	2 055	79,109	191,091	2,416	1,950
75	100	1 320	48,633	111,981	2,303	1,837

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1	0	99 644	95 352,893	2 099 592,063	22,019	21,554
2	1	99 317	90 947,414	2 004 239,170	22,037	21,572
3	2	99 277	86 995,857	1 913 291,756	21,993	21,527
4	3	99 254	83 230,214	1 826 295,899	21,943	21,477
5	4	99 233	79 629,440	1 743 065,686	21,890	21,424
6	5	99 213	76 185,475	1 663 436,246	21,834	21,368
7	6	99 195	72 891,640	1 587 250,771	21,775	21,310
8	7	99 178	69 740,587	1 514 359,131	21,714	21,249
9	8	99 165	66 728,597	1 444 618,544	21,649	21,184
10	9	99 150	63 845,558	1 377 889,947	21,582	21,116
11	10	99 136	61 087,650	1 314 044,390	21,511	21,045
12	11	99 123	58 449,137	1 252 956,740	21,437	20,971
13	12	99 108	55 924,014	1 194 507,603	21,359	20,894
14	13	99 091	53 506,469	1 138 583,589	21,279	20,814
15	14	99 068	51 190,593	1 085 077,119	21,197	20,731
16	15	99 043	48 973,867	1 033 886,526	21,111	20,645
17	16	99 007	46 847,646	984 912,660	21,024	20,558
18	17	98 965	44 811,366	938 065,014	20,934	20,468
19	18	98 914	42 859,422	893 253,647	20,841	20,376
20	19	98 855	40 989,414	850 394,225	20,747	20,281
21	20	98 795	39 200,528	809 404,811	20,648	20,182
22	21	98 736	37 490,333	770 204,282	20,544	20,078
23	22	98 675	35 853,728	732 713,949	20,436	19,971
24	23	98 619	34 290,152	696 860,222	20,322	19,857
25	24	98 554	32 792,059	662 570,069	20,205	19,740
26	25	98 493	31 360,575	629 778,011	20,082	19,616
27	26	98 430	29 990,643	598 417,436	19,953	19,488
28	27	98 366	28 680,527	568 426,793	19,819	19,354
29	28	98 297	27 426,270	539 746,266	19,680	19,214
30	29	98 222	26 225,363	512 319,996	19,535	19,070
31	30	98 142	25 075,462	486 094,633	19,385	18,920
32	31	98 050	23 973,274	461 019,172	19,231	18,765
33	32	97 957	22 919,188	437 045,898	19,069	18,603
34	33	97 852	21 908,681	414 126,710	18,902	18,437
35	34	97 742	20 941,563	392 218,029	18,729	18,264
36	35	97 623	20 015,567	371 276,466	18,549	18,084
37	36	97 499	19 129,303	351 260,899	18,362	17,897
38	37	97 359	18 279,232	332 131,596	18,170	17,704
39	38	97 209	17 465,118	313 852,364	17,970	17,505
40	39	97 042	16 684,343	296 387,246	17,764	17,299
41	40	96 864	15 936,531	279 702,903	17,551	17,085
42	41	96 668	15 219,485	263 766,372	17,331	16,865
43	42	96 458	14 532,351	248 546,887	17,103	16,637
44	43	96 233	13 874,122	234 014,535	16,867	16,401
45	44	95 972	13 240,766	220 140,413	16,626	16,160
46	45	95 691	12 633,498	206 899,647	16,377	15,911
47	46	95 373	12 049,228	194 266,148	16,123	15,657
48	47	95 031	11 489,053	182 216,921	15,860	15,394
49	48	94 649	10 950,088	170 727,868	15,591	15,126
50	49	94 217	10 430,765	159 777,779	15,318	14,852
51	50	93 740	9 931,022	149 347,014	15,038	14,573
52	51	93 220	9 450,643	139 415,992	14,752	14,286
53	52	92 635	8 986,932	129 965,349	14,462	13,996
54	53	91 985	8 539,569	120 978,417	14,167	13,701
55	54	91 261	8 107,521	112 438,848	13,868	13,403
56	55	90 459	7 690,242	104 331,327	13,567	13,101
57	56	89 572	7 286,880	96 641,085	13,262	12,797
58	57	88 597	6 897,203	89 354,204	12,955	12,490
59	58	87 529	6 520,671	82 457,001	12,645	12,180
60	59	86 370	6 157,213	75 936,330	12,333	11,867
61	60	85 118	5 806,686	69 779,117	12,017	11,551
62	61	83 753	5 467,507	63 972,431	11,700	11,235
63	62	82 282	5 140,193	58 504,924	11,382	10,916
64	63	80 716	4 825,225	53 364,731	11,060	10,594
65	64	79 029	4 520,912	48 539,506	10,737	10,271
66	65	77 229	4 227,686	44 018,595	10,412	9,946
67	66	75 341	3 946,741	39 790,909	10,082	9,616
68	67	73 337	3 676,321	35 844,168	9,750	9,284
69	68	71 248	3 417,816	32 167,847	9,412	8,946
70	69	69 015	3 168,121	28 750,032	9,075	8,609
71	70	66 696	2 929,831	25 581,910	8,732	8,266
72	71	64 233	2 700,133	22 652,079	8,389	7,924
73	72	61 694	2 481,727	19 951,946	8,040	7,574
74	73	59 033	2 272,422	17 470,219	7,688	7,222
75	74	56 259	2 072,381	15 197,798	7,333	6,868
76	75	53 397	1 882,267	13 125,417	6,973	6,508
77	76	50 424	1 700,904	11 243,150	6,610	6,144
78	77	47 328	1 527,747	9 542,245	6,246	5,780
79	78	44 101	1 362,277	8 014,498	5,883	5,418
80	79	40 726	1 203,848	6 652,221	5,526	5,060
81	80	37 221	1 052,861	5 448,373	5,175	4,709
82	81	33 550	908,140	4 395,512	4,840	4,375
83	82	29 784	771,503	3 487,372	4,520	4,055
84	83	26 007	644,651	2 715,869	4,213	3,747
85	84	22 275	528,375	2 071,218	3,920	3,454
86	85	18 644	423,194	1 542,843	3,646	3,180
87	86	15 197	330,103	1 119,649	3,392	2,926
88	87	12 040	250,257	789,546	3,155	2,689
89	88	9 225	183,493	539,290	2,939	2,473
90	89	6 822	129,857	355,797	2,740	2,274
91	90	4 860	88,531	225,940	2,552	2,086
92	91	3 319	57,846	137,409	2,375	1,910
93	92	2 140	35,691	79,563	2,229	1,764
94	93	1 315	20,995	43,872	2,090	1,624
95	94	760	11,601	22,876	1,972	1,506
96	95	415	6,067	11,275	1,858	1,393
97	96	210	2,940	5,208	1,772	1,306
98	97	100	1,333	2,268	1,701	1,236
99	98	45	0,572	0,935	1,636	1,170
100	99	19	0,232	0,364	1,570	1,105

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 616	91 221,566	2 006 092,326	21,991	21,526
3	1	99 301	87 017,432	1 914 870,760	22,006	21,540
4	2	99 266	83 240,554	1 827 853,328	21,959	21,493
5	3	99 243	79 637,652	1 744 612,774	21,907	21,441
6	4	99 223	76 192,766	1 664 975,122	21,852	21,387
7	5	99 204	72 898,133	1 588 782,356	21,795	21,329
8	6	99 187	69 746,757	1 515 884,222	21,734	21,269
9	7	99 170	66 731,697	1 446 137,465	21,671	21,205
10	8	99 157	63 850,007	1 379 405,769	21,604	21,138
11	9	99 142	61 091,387	1 315 555,762	21,534	21,069
12	10	99 129	58 452,557	1 254 464,375	21,461	20,996
13	11	99 116	55 928,339	1 196 011,818	21,385	20,919
14	12	99 099	53 510,671	1 140 083,480	21,306	20,840
15	13	99 078	51 195,417	1 086 572,808	21,224	20,758
16	14	99 052	48 978,383	1 035 377,392	21,139	20,674
17	15	99 019	46 853,346	986 399,009	21,053	20,587
18	16	98 980	44 817,966	939 545,663	20,964	20,498
19	17	98 927	42 865,259	894 727,697	20,873	20,407
20	18	98 874	40 997,492	851 862,438	20,778	20,313
21	19	98 812	39 207,381	810 864,946	20,681	20,216
22	20	98 755	37 497,265	771 657,565	20,579	20,113
23	21	98 692	35 859,641	734 160,300	20,473	20,008
24	22	98 635	34 295,736	698 300,659	20,361	19,896
25	23	98 572	32 797,961	664 004,923	20,245	19,780
26	24	98 511	31 366,219	631 206,962	20,124	19,658
27	25	98 448	29 996,349	599 840,743	19,997	19,532
28	26	98 384	28 685,926	569 844,394	19,865	19,399
29	27	98 318	27 432,173	541 158,469	19,727	19,262
30	28	98 245	26 231,544	513 726,296	19,584	19,119
31	29	98 167	25 081,952	487 494,752	19,436	18,970
32	30	98 081	23 980,879	462 412,800	19,283	18,817
33	31	97 988	22 926,387	438 431,921	19,123	18,658
34	32	97 886	21 916,190	415 505,534	18,959	18,493
35	33	97 777	20 949,111	393 589,344	18,788	18,322
36	34	97 663	20 023,696	372 640,232	18,610	18,144
37	35	97 540	19 137,190	352 616,536	18,426	17,960
38	36	97 404	18 287,617	333 479,346	18,235	17,770
39	37	97 255	17 473,412	315 191,729	18,038	17,573
40	38	97 101	16 694,414	297 718,317	17,833	17,368
41	39	96 922	15 946,117	281 023,903	17,623	17,158
42	40	96 735	15 229,928	265 077,786	17,405	16,939
43	41	96 529	14 543,117	249 847,858	17,180	16,714
44	42	96 309	13 885,144	235 304,740	16,947	16,481
45	43	96 060	13 252,801	221 419,597	16,707	16,242
46	44	95 784	12 645,772	208 166,796	16,461	15,996
47	45	95 483	12 063,127	195 521,024	16,208	15,743
48	46	95 147	11 503,058	183 457,897	15,949	15,483
49	47	94 779	10 965,114	171 954,838	15,682	15,216
50	48	94 368	10 447,419	160 989,725	15,410	14,944
51	49	93 904	9 948,413	150 542,306	15,132	14,667
52	50	93 393	9 468,189	140 593,893	14,849	14,383
53	51	92 834	9 006,230	131 125,704	14,559	14,094
54	52	92 200	8 559,538	122 119,474	14,267	13,801
55	53	91 496	8 128,392	113 559,936	13,971	13,505
56	54	90 721	7 712,522	105 431,544	13,670	13,205
57	55	89 863	7 310,607	97 719,022	13,367	12,901
58	56	88 915	6 921,962	90 408,416	13,061	12,595
59	57	87 874	6 546,360	83 486,453	12,753	12,287
60	58	86 747	6 184,110	76 940,093	12,442	11,976
61	59	85 521	5 834,143	70 755,983	12,128	11,662
62	60	84 197	5 496,506	64 921,840	11,811	11,346
63	61	82 753	5 169,587	59 425,333	11,495	11,030
64	62	81 214	4 855,008	54 255,747	11,175	10,710
65	63	79 566	4 551,630	49 400,739	10,853	10,388
66	64	77 810	4 259,516	44 849,109	10,529	10,064
67	65	75 946	3 978,451	40 589,593	10,202	9,737
68	66	73 985	3 708,818	36 611,142	9,871	9,406
69	67	71 930	3 450,534	32 902,324	9,535	9,070
70	68	69 745	3 201,628	29 451,790	9,199	8,733
71	69	67 476	2 964,080	26 250,161	8,856	8,390
72	70	65 053	2 734,585	23 286,082	8,515	8,050
73	71	62 551	2 516,204	20 551,496	8,168	7,702
74	72	59 921	2 306,590	18 035,293	7,819	7,353
75	73	57 198	2 106,969	15 728,702	7,465	6,999
76	74	54 367	1 916,463	13 621,733	7,108	6,642
77	75	51 412	1 734,256	11 705,270	6,749	6,284
78	76	48 372	1 561,421	9 971,014	6,386	5,920
79	77	45 176	1 395,485	8 409,593	6,026	5,561
80	78	41 876	1 237,824	7 014,108	5,666	5,201
81	79	38 428	1 087,008	5 776,284	5,314	4,848
82	80	34 819	942,505	4 689,276	4,975	4,510
83	81	31 112	805,894	3 746,770	4,649	4,184
84	82	27 358	678,137	2 940,877	4,337	3,871
85	83	23 615	560,141	2 262,740	4,040	3,574
86	84	19 944	452,693	1 702,599	3,761	3,295
87	85	16 450	357,302	1 249,906	3,498	3,033
88	86	13 190	274,158	892,603	3,256	2,790
89	87	10 249	203,868	618,446	3,034	2,568
90	88	7 702	146,599	414,577	2,828	2,362
91	89	5 584	101,703	267,978	2,635	2,169
92	90	3 893	67,853	166,275	2,451	1,985
93	91	2 571	42,879	98,423	2,295	1,830
94	92	1 619	25,841	55,543	2,149	1,684
95	93	960	14,666	29,703	2,025	1,560
96	94	539	7,881	15,036	1,908	1,442
97	95	281	3,934	7,155	1,819	1,353
98	96	139	1,866	3,221	1,726	1,261
99	97	64	0,815	1,355	1,662	1,196
100	98	27	0,337	0,540	1,601	1,136

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 601	87 279,737	1 916 585,977	21,959	21,494
4	1	99 291	83 261,198	1 829 306,240	21,971	21,505
5	2	99 255	79 647,547	1 746 045,042	21,922	21,457
6	3	99 233	76 200,624	1 666 397,495	21,869	21,403
7	4	99 214	72 905,109	1 590 196,871	21,812	21,346
8	5	99 196	69 752,970	1 517 291,762	21,752	21,287
9	6	99 178	66 737,600	1 447 538,791	21,690	21,224
10	7	99 162	63 852,974	1 380 801,191	21,625	21,159
11	8	99 149	61 095,644	1 316 948,217	21,556	21,090
12	9	99 135	58 456,132	1 255 852,573	21,484	21,018
13	10	99 122	55 931,610	1 197 396,441	21,408	20,943
14	11	99 106	53 514,809	1 141 464,831	21,330	20,864
15	12	99 085	51 199,437	1 087 950,021	21,249	20,784
16	13	99 062	48 982,997	1 036 750,584	21,166	20,700
17	14	99 028	46 857,667	987 767,587	21,080	20,615
18	15	98 992	44 823,419	940 909,920	20,991	20,526
19	16	98 942	42 871,572	896 086,501	20,902	20,436
20	17	98 888	41 003,075	853 214,929	20,809	20,343
21	18	98 832	39 215,108	812 211,854	20,712	20,246
22	19	98 772	37 503,821	772 996,747	20,611	20,146
23	20	98 710	35 866,272	735 492,926	20,507	20,041
24	21	98 651	34 301,392	699 626,654	20,396	19,931
25	22	98 588	32 803,302	665 325,262	20,282	19,817
26	23	98 529	31 371,864	632 521,960	20,162	19,696
27	24	98 466	30 001,747	601 150,096	20,037	19,572
28	25	98 403	28 691,383	571 148,348	19,907	19,441
29	26	98 336	27 437,337	542 456,965	19,771	19,305
30	27	98 267	26 237,190	515 019,628	19,629	19,164
31	28	98 190	25 087,864	488 782,439	19,483	19,017
32	29	98 107	23 987,086	463 694,575	19,331	18,865
33	30	98 019	22 933,660	439 707,489	19,173	18,707
34	31	97 916	21 923,074	416 773,829	19,011	18,545
35	32	97 810	20 956,292	394 850,755	18,842	18,376
36	33	97 698	20 030,914	373 894,463	18,666	18,200
37	34	97 579	19 144,963	353 863,549	18,483	18,018
38	35	97 444	18 295,157	334 718,586	18,295	17,830
39	36	97 300	17 481,427	316 423,429	18,101	17,635
40	37	97 147	16 702,342	298 942,002	17,898	17,433
41	38	96 981	15 955,742	282 239,660	17,689	17,223
42	39	96 793	15 239,089	266 283,918	17,474	17,008
43	40	96 595	14 553,096	251 044,829	17,250	16,785
44	41	96 380	13 895,430	236 491,733	17,019	16,554
45	42	96 136	13 263,329	222 596,302	16,783	16,317
46	43	95 871	12 657,266	209 332,974	16,539	16,073
47	44	95 576	12 074,847	196 675,708	16,288	15,822
48	45	95 257	11 516,328	184 600,862	16,029	15,564
49	46	94 894	10 978,480	173 084,534	15,766	15,300
50	47	94 497	10 461,755	162 106,053	15,495	15,029
51	48	94 054	9 964,296	151 644,299	15,219	14,753
52	49	93 556	9 484,769	141 680,002	14,938	14,472
53	50	93 006	9 022,951	132 195,233	14,651	14,185
54	51	92 398	8 577,918	123 172,282	14,359	13,894
55	52	91 710	8 147,400	114 594,365	14,065	13,600
56	53	90 955	7 732,376	106 446,964	13,766	13,301
57	54	90 124	7 331,786	98 714,589	13,464	12,998
58	55	89 204	6 944,500	91 382,803	13,159	12,693
59	56	88 190	6 569,860	84 438,302	12,852	12,387
60	57	87 089	6 208,473	77 868,442	12,542	12,077
61	58	85 894	5 859,629	71 659,969	12,229	11,764
62	59	84 595	5 522,497	65 800,340	11,915	11,449
63	60	83 192	5 197,006	60 277,843	11,599	11,133
64	61	81 679	4 882,770	55 080,837	11,281	10,815
65	62	80 057	4 579,724	50 198,066	10,961	10,495
66	63	78 339	4 288,458	45 618,342	10,637	10,172
67	64	76 518	4 008,404	41 329,883	10,311	9,845
68	65	74 579	3 738,616	37 321,479	9,983	9,517
69	66	72 566	3 481,035	33 582,863	9,647	9,182
70	67	70 412	3 232,278	30 101,828	9,313	8,847
71	68	68 189	2 995,429	26 869,550	8,970	8,505
72	69	65 813	2 766,552	23 874,121	8,630	8,164
73	70	63 349	2 548,309	21 107,569	8,283	7,817
74	71	60 753	2 338,634	18 559,260	7,936	7,470
75	72	58 058	2 138,650	16 220,626	7,585	7,119
76	73	55 275	1 948,449	14 081,976	7,227	6,762
77	74	52 346	1 765,763	12 133,527	6,872	6,406
78	75	49 320	1 592,038	10 367,763	6,512	6,047
79	76	46 172	1 426,243	8 775,726	6,153	5,687
80	77	42 896	1 267,998	7 349,483	5,796	5,331
81	78	39 513	1 117,687	6 081,485	5,441	4,976
82	79	35 949	973,074	4 963,798	5,101	4,636
83	80	32 289	836,390	3 990,724	4,771	4,306
84	81	28 578	708,366	3 154,335	4,453	3,987
85	82	24 841	589,237	2 445,969	4,151	3,685
86	83	21 143	479,909	1 856,732	3,869	3,403
87	84	17 596	382,208	1 376,823	3,602	3,137
88	85	14 276	296,748	994,614	3,352	2,886
89	86	11 228	223,339	697,867	3,125	2,659
90	87	8 557	162,878	474,528	2,913	2,448
91	88	6 304	114,815	311,650	2,714	2,249
92	89	4 472	77,949	196,835	2,525	2,060
93	90	3 015	50,297	118,886	2,364	1,898
94	91	1 945	31,045	68,589	2,209	1,744
95	92	1 182	18,051	37,545	2,080	1,614
96	93	682	9,963	19,494	1,957	1,491
97	94	365	5,110	9,531	1,865	1,399
98	95	187	2,498	4,420	1,770	1,304
99	96	89	1,141	1,923	1,685	1,219
100	97	39	0,481	0,781	1,625	1,160

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4	0	99 590	83 512,181	1 830 892,797	21,924	21,458
5	1	99 280	79 667,299	1 747 380,617	21,933	21,468
6	2	99 245	76 210,091	1 667 713,317	21,883	21,417
7	3	99 224	72 912,629	1 591 503,226	21,828	21,362
8	4	99 205	69 759,645	1 518 590,597	21,769	21,303
9	5	99 187	66 743,546	1 448 830,951	21,707	21,242
10	6	99 170	63 858,622	1 382 087,406	21,643	21,177
11	7	99 154	61 098,482	1 318 228,783	21,575	21,110
12	8	99 142	58 460,206	1 257 130,301	21,504	21,038
13	9	99 128	55 935,032	1 198 670,094	21,430	20,964
14	10	99 112	53 517,940	1 142 735,063	21,352	20,887
15	11	99 093	51 203,397	1 089 217,123	21,272	20,807
16	12	99 070	48 986,844	1 038 013,726	21,190	20,724
17	13	99 037	46 862,082	989 026,882	21,105	20,639
18	14	99 001	44 827,553	942 164,800	21,018	20,552
19	15	98 954	42 876,789	897 337,247	20,928	20,463
20	16	98 902	41 009,113	854 460,459	20,836	20,370
21	17	98 845	39 220,448	813 451,346	20,740	20,275
22	18	98 791	37 511,211	774 230,898	20,640	20,174
23	19	98 727	35 872,542	736 719,687	20,537	20,072
24	20	98 670	34 307,735	700 847,145	20,428	19,963
25	21	98 604	32 808,712	666 539,410	20,316	19,850
26	22	98 545	31 376,973	633 730,698	20,197	19,732
27	23	98 484	30 007,147	602 353,725	20,074	19,608
28	24	98 421	28 696,547	572 346,578	19,945	19,479
29	25	98 355	27 442,557	543 650,031	19,810	19,345
30	26	98 285	26 242,128	516 207,474	19,671	19,205
31	27	98 211	25 093,263	489 965,345	19,526	19,060
32	28	98 130	23 992,740	464 872,082	19,376	18,910
33	29	98 045	22 939,596	440 879,342	19,219	18,754
34	30	97 947	21 930,029	417 939,746	19,058	18,592
35	31	97 841	20 962,874	396 009,718	18,891	18,425
36	32	97 732	20 037,779	375 046,844	18,717	18,251
37	33	97 614	19 151,864	355 009,064	18,537	18,071
38	34	97 484	18 302,588	335 857,200	18,350	17,885
39	35	97 340	17 488,635	317 554,612	18,158	17,692
40	36	97 191	16 710,004	300 065,977	17,957	17,492
41	37	97 027	15 963,319	283 355,974	17,750	17,285
42	38	96 851	15 248,288	267 392,655	17,536	17,070
43	39	96 653	14 561,850	252 144,367	17,315	16,850
44	40	96 447	13 904,965	237 582,517	17,086	16,621
45	41	96 207	13 273,154	223 677,552	16,852	16,386
46	42	95 948	12 667,320	210 404,398	16,610	16,144
47	43	95 663	12 085,821	197 737,078	16,361	15,895
48	44	95 349	11 527,516	185 651,256	16,105	15,639
49	45	95 004	10 991,145	174 123,740	15,842	15,377
50	46	94 612	10 474,508	163 132,595	15,574	15,109
51	47	94 183	9 977,969	152 658,088	15,300	14,834
52	48	93 706	9 499,912	142 680,119	15,019	14,553
53	49	93 169	9 038,752	133 180,206	14,734	14,269
54	50	92 569	8 593,844	124 141,455	14,445	13,980
55	51	91 907	8 164,895	115 547,611	14,152	13,686
56	52	91 167	7 750,457	107 382,716	13,855	13,389
57	53	90 356	7 350,660	99 632,259	13,554	13,089
58	54	89 463	6 964,619	92 281,599	13,250	12,784
59	55	88 477	6 591,252	85 316,980	12,944	12,478
60	56	87 401	6 230,760	78 725,728	12,635	12,169
61	57	86 233	5 882,714	72 494,968	12,323	11,858
62	58	84 965	5 546,622	66 612,254	12,010	11,544
63	59	83 585	5 221,581	61 065,632	11,695	11,229
64	60	82 112	4 908,668	55 844,051	11,377	10,911
65	61	80 515	4 605,913	50 935,383	11,059	10,593
66	62	78 822	4 314,928	46 329,470	10,737	10,271
67	63	77 038	4 035,640	42 014,542	10,411	9,945
68	64	75 141	3 766,764	37 978,902	10,083	9,617
69	65	73 149	3 509,004	34 212,138	9,750	9,284
70	66	71 035	3 260,850	30 703,134	9,416	8,950
71	67	68 842	3 024,104	27 442,284	9,075	8,609
72	68	66 509	2 795,812	24 418,180	8,734	8,268
73	69	64 090	2 578,098	21 622,368	8,387	7,921
74	70	61 528	2 368,474	19 044,270	8,041	7,575
75	71	58 864	2 168,361	16 675,796	7,691	7,225
76	72	56 106	1 977,747	14 507,436	7,335	6,870
77	73	53 220	1 795,234	12 529,689	6,979	6,514
78	74	50 216	1 620,961	10 734,455	6,622	6,157
79	75	47 078	1 454,209	9 113,494	6,267	5,801
80	76	43 842	1 295,946	7 659,285	5,910	5,445
81	77	40 476	1 144,932	6 363,338	5,558	5,092
82	78	36 963	1 000,536	5 218,406	5,216	4,750
83	79	33 337	863,516	4 217,870	4,885	4,419
84	80	29 659	735,171	3 354,353	4,563	4,097
85	81	25 949	615,503	2 619,182	4,255	3,790
86	82	22 241	504,838	2 003,679	3,969	3,503
87	83	18 654	405,187	1 498,842	3,699	3,234
88	84	15 272	317,432	1 093,655	3,445	2,980
89	85	12 154	241,742	776,222	3,211	2,745
90	86	9 374	178,434	534,481	2,995	2,530
91	87	7 003	127,565	356,047	2,791	2,325
92	88	5 049	87,998	228,482	2,596	2,131
93	89	3 464	57,781	140,484	2,431	1,966
94	90	2 281	36,415	82,704	2,271	1,806
95	91	1 420	21,686	46,289	2,134	1,669
96	92	839	12,262	24,602	2,006	1,541
97	93	462	6,460	12,340	1,910	1,445
98	94	242	3,244	5,880	1,812	1,347
99	95	119	1,528	2,636	1,725	1,260
100	96	55	0,673	1,108	1,646	1,181

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5	0	99 579	79 907,449	1 748 847,458	21,886	21,420
6	1	99 270	76 228,992	1 668 940,009	21,894	21,428
7	2	99 236	72 921,687	1 592 711,017	21,841	21,376
8	3	99 215	69 766,840	1 519 789,330	21,784	21,318
9	4	99 197	66 749,933	1 450 022,490	21,723	21,258
10	5	99 179	63 864,312	1 383 272,557	21,660	21,194
11	6	99 163	61 103,888	1 319 408,245	21,593	21,127
12	7	99 146	58 462,922	1 258 304,357	21,523	21,058
13	8	99 135	55 938,930	1 199 841,435	21,449	20,984
14	9	99 118	53 521,214	1 143 902,505	21,373	20,907
15	10	99 099	51 206,392	1 090 381,291	21,294	20,828
16	11	99 077	48 990,632	1 039 174,899	21,212	20,746
17	12	99 045	46 865,762	990 184,267	21,128	20,662
18	13	99 010	44 831,776	943 318,505	21,041	20,576
19	14	98 963	42 880,742	898 486,729	20,953	20,488
20	15	98 914	41 014,103	855 605,986	20,861	20,396
21	16	98 860	39 226,224	814 591,883	20,767	20,301
22	17	98 805	37 516,319	775 365,659	20,667	20,202
23	18	98 747	35 879,611	737 849,340	20,565	20,099
24	19	98 687	34 313,733	701 969,729	20,457	19,992
25	20	98 623	32 814,779	667 655,996	20,346	19,881
26	21	98 561	31 382,148	634 841,218	20,229	19,764
27	22	98 500	30 012,034	603 459,070	20,107	19,642
28	23	98 438	28 701,712	573 447,036	19,980	19,514
29	24	98 373	27 447,496	544 745,324	19,847	19,381
30	25	98 304	26 247,121	517 297,828	19,709	19,243
31	26	98 230	25 097,987	491 050,707	19,565	19,100
32	27	98 151	23 997,904	465 952,720	19,416	18,951
33	28	98 068	22 945,003	441 954,817	19,261	18,796
34	29	97 973	21 935,705	419 009,814	19,102	18,636
35	30	97 872	20 969,524	397 074,109	18,936	18,470
36	31	97 763	20 044,073	376 104,585	18,764	18,298
37	32	97 648	19 158,428	356 060,512	18,585	18,119
38	33	97 519	18 309,185	336 902,083	18,401	17,935
39	34	97 380	17 495,738	318 592,898	18,210	17,744
40	35	97 232	16 716,893	301 097,160	18,012	17,546
41	36	97 071	15 970,642	284 380,267	17,806	17,341
42	37	96 897	15 255,529	268 409,625	17,594	17,129
43	38	96 712	14 570,640	253 154,096	17,374	16,909
44	39	96 505	13 913,329	238 583,457	17,148	16,682
45	40	96 273	13 282,262	224 670,128	16,915	16,449
46	41	96 019	12 676,704	211 387,866	16,675	16,210
47	42	95 739	12 095,422	198 711,162	16,429	15,963
48	43	95 436	11 537,994	186 615,739	16,174	15,708
49	44	95 096	11 001,823	175 077,746	15,914	15,448
50	45	94 722	10 486,591	164 075,923	15,646	15,181
51	46	94 298	9 990,132	153 589,333	15,374	14,908
52	47	93 834	9 512,948	143 599,200	15,095	14,630
53	48	93 318	9 053,183	134 086,252	14,811	14,345
54	49	92 731	8 608,893	125 033,070	14,524	14,058
55	50	92 077	8 180,054	116 424,177	14,233	13,767
56	51	91 363	7 767,100	108 244,123	13,936	13,471
57	52	90 567	7 367,849	100 477,023	13,637	13,172
58	53	89 693	6 982,548	93 109,174	13,335	12,869
59	54	88 733	6 610,347	86 126,626	13,029	12,563
60	55	87 686	6 251,048	79 516,279	12,720	12,255
61	56	86 542	5 903,832	73 265,231	12,410	11,944
62	57	85 299	5 568,473	67 361,399	12,097	11,631
63	58	83 950	5 244,391	61 792,926	11,783	11,317
64	59	82 500	4 931,880	56 548,536	11,466	11,000
65	60	80 942	4 630,343	51 616,656	11,147	10,682
66	61	79 273	4 339,603	46 986,314	10,827	10,362
67	62	77 513	4 060,550	42 646,711	10,503	10,037
68	63	75 651	3 792,358	38 586,161	10,175	9,709
69	64	73 700	3 535,423	34 793,803	9,841	9,376
70	65	71 606	3 287,049	31 258,380	9,510	9,044
71	66	69 451	3 050,836	27 971,332	9,168	8,703
72	67	67 146	2 822,576	24 920,496	8,829	8,363
73	68	64 768	2 605,365	22 097,920	8,482	8,016
74	69	62 247	2 396,160	19 492,554	8,135	7,669
75	70	59 616	2 196,028	17 096,394	7,785	7,320
76	71	56 885	2 005,222	14 900,366	7,431	6,965
77	72	54 020	1 822,228	12 895,144	7,077	6,611
78	73	51 054	1 648,015	11 072,917	6,719	6,253
79	74	47 933	1 480,628	9 424,902	6,365	5,900
80	75	44 702	1 321,358	7 944,273	6,012	5,547
81	76	41 368	1 170,168	6 622,915	5,660	5,194
82	77	37 864	1 024,926	5 452,747	5,320	4,855
83	78	34 278	887,887	4 427,821	4,987	4,521
84	79	30 621	759,015	3 539,934	4,664	4,198
85	80	26 931	638,794	2 780,919	4,353	3,888
86	81	23 232	527,341	2 142,125	4,062	3,597
87	82	19 623	426,234	1 614,783	3,788	3,323
88	83	16 190	336,517	1 188,549	3,532	3,066
89	84	13 001	258,592	852,032	3,295	2,829
90	85	10 147	193,136	593,440	3,073	2,607
91	86	7 672	139,748	400,304	2,864	2,399
92	87	5 609	97,770	260,556	2,665	2,199
93	88	3 911	65,230	162,786	2,496	2,030
94	89	2 621	41,833	97,556	2,332	1,866
95	90	1 665	25,438	55,723	2,191	1,725
96	91	1 008	14,732	30,286	2,056	1,590
97	92	568	7,951	15,554	1,956	1,491
98	93	306	4,101	7,603	1,854	1,388
99	94	155	1,984	3,501	1,765	1,299
100	95	73	0,901	1,517	1,684	1,219

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	76 458,777	1 670 295,709	21,846	21,380
7	1	99 261	72 939,772	1 593 836,933	21,851	21,386
8	2	99 228	69 775,508	1 520 897,161	21,797	21,331
9	3	99 207	66 756,817	1 451 121,652	21,737	21,272
10	4	99 189	63 870,423	1 384 364,835	21,675	21,209
11	5	99 171	61 109,331	1 320 494,412	21,609	21,143
12	6	99 155	58 468,094	1 259 385,081	21,540	21,074
13	7	99 139	55 941,529	1 200 916,986	21,467	21,002
14	8	99 125	53 524,944	1 144 975,458	21,391	20,926
15	9	99 105	51 209,524	1 091 450,514	21,313	20,848
16	10	99 083	48 993,498	1 040 240,989	21,232	20,767
17	11	99 053	46 869,386	991 247,491	21,149	20,684
18	12	99 018	44 835,297	944 378,105	21,063	20,598
19	13	98 972	42 884,783	899 542,808	20,976	20,510
20	14	98 923	41 017,885	856 658,025	20,885	20,419
21	15	98 872	39 230,997	815 640,140	20,791	20,325
22	16	98 819	37 521,844	776 409,143	20,692	20,227
23	17	98 760	35 884,497	738 887,299	20,591	20,125
24	18	98 706	34 320,494	703 002,802	20,483	20,018
25	19	98 640	32 820,515	668 682,307	20,374	19,908
26	20	98 579	31 387,951	635 861,792	20,258	19,793
27	21	98 516	30 016,983	604 473,841	20,138	19,672
28	22	98 454	28 706,386	574 456,858	20,011	19,546
29	23	98 391	27 452,436	545 750,472	19,880	19,414
30	24	98 322	26 251,845	518 298,035	19,743	19,278
31	25	98 249	25 102,762	492 046,191	19,601	19,136
32	26	98 169	24 002,421	466 943,429	19,454	18,988
33	27	98 089	22 949,941	442 941,008	19,300	18,835
34	28	97 996	21 940,875	419 991,067	19,142	18,676
35	29	97 897	20 974,952	398 050,191	18,977	18,512
36	30	97 794	20 050,432	377 075,240	18,806	18,341
37	31	97 679	19 164,446	357 024,808	18,630	18,164
38	32	97 552	18 315,461	337 860,362	18,447	17,981
39	33	97 415	17 502,045	319 544,901	18,258	17,792
40	34	97 271	16 723,683	302 042,857	18,061	17,595
41	35	97 111	15 977,227	285 319,174	17,858	17,392
42	36	96 942	15 262,527	269 341,947	17,647	17,182
43	37	96 758	14 577,559	254 079,421	17,429	16,964
44	38	96 563	13 921,727	239 501,861	17,203	16,738
45	39	96 331	13 290,251	225 580,135	16,973	16,508
46	40	96 085	12 685,403	212 289,883	16,735	16,269
47	41	95 809	12 104,383	199 604,481	16,490	16,025
48	42	95 512	11 547,159	187 500,098	16,238	15,772
49	43	95 183	11 011,822	175 952,939	15,979	15,513
50	44	94 814	10 496,779	164 941,117	15,713	15,248
51	45	94 407	10 001,656	154 444,338	15,442	14,976
52	46	93 949	9 524,544	144 442,682	15,165	14,700
53	47	93 446	9 065,605	134 918,137	14,882	14,417
54	48	92 879	8 622,638	125 852,532	14,596	14,130
55	49	92 238	8 194,379	117 229,894	14,306	13,841
56	50	91 533	7 781,521	109 035,516	14,012	13,546
57	51	90 761	7 383,670	101 253,995	13,713	13,248
58	52	89 903	6 998,876	93 870,325	13,412	12,947
59	53	88 961	6 627,364	86 871,449	13,108	12,642
60	54	87 940	6 269,157	80 244,085	12,800	12,334
61	55	86 824	5 923,055	73 974,928	12,489	12,024
62	56	85 606	5 588,463	68 051,873	12,177	11,712
63	57	84 281	5 265,051	62 463,410	11,864	11,398
64	58	82 861	4 953,424	57 198,359	11,547	11,082
65	59	81 324	4 652,238	52 244,935	11,230	10,764
66	60	79 693	4 362,620	47 592,697	10,909	10,444
67	61	77 957	4 083,769	43 230,078	10,586	10,120
68	62	76 118	3 815,766	39 146,308	10,259	9,793
69	63	74 200	3 559,445	35 330,542	9,926	9,460
70	64	72 145	3 311,797	31 771,097	9,593	9,128
71	65	70 009	3 075,348	28 459,301	9,254	8,788
72	66	67 739	2 847,526	25 383,953	8,914	8,449
73	67	65 388	2 630,306	22 536,426	8,568	8,102
74	68	62 906	2 421,503	19 906,120	8,221	7,755
75	69	60 312	2 221,699	17 484,617	7,870	7,404
76	70	57 611	2 030,807	15 262,918	7,516	7,050
77	71	54 771	1 847,542	13 232,111	7,162	6,696
78	72	51 822	1 672,795	11 384,568	6,806	6,340
79	73	48 733	1 505,340	9 711,773	6,452	5,986
80	74	45 514	1 345,363	8 206,433	6,100	5,634
81	75	42 179	1 193,113	6 861,069	5,751	5,285
82	76	38 699	1 047,517	5 667,956	5,411	4,945
83	77	35 113	909,531	4 620,439	5,080	4,614
84	78	31 485	780,437	3 710,909	4,755	4,289
85	79	27 804	659,513	2 930,472	4,443	3,978
86	80	24 111	547,297	2 270,959	4,149	3,684
87	81	20 498	445,234	1 723,663	3,871	3,406
88	82	17 031	353,997	1 278,429	3,611	3,146
89	83	13 782	274,139	924,432	3,372	2,907
90	84	10 854	206,599	650,293	3,148	2,682
91	85	8 305	151,263	443,694	2,933	2,468
92	86	6 145	107,107	292,432	2,730	2,265
93	87	4 345	72,473	185,324	2,557	2,092
94	88	2 959	47,227	112,851	2,390	1,924
95	89	1 913	29,223	65,624	2,246	1,780
96	90	1 182	17,280	36,402	2,107	1,641
97	91	683	9,553	19,122	2,002	1,536
98	92	377	5,048	9,569	1,896	1,430
99	93	196	2,508	4,521	1,802	1,337
100	94	95	1,170	2,013	1,720	1,255

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 560	73 159,642	1 595 089,659	21,803	21,337
8	1	99 252	69 792,813	1 521 930,017	21,806	21,341
9	2	99 219	66 765,111	1 452 137,205	21,750	21,284
10	3	99 199	63 877,011	1 385 372,093	21,688	21,223
11	4	99 181	61 115,179	1 321 495,083	21,623	21,157
12	5	99 164	58 473,303	1 260 379,904	21,555	21,089
13	6	99 148	55 946,478	1 201 906,601	21,483	21,018
14	7	99 130	53 527,430	1 145 960,123	21,409	20,943
15	8	99 112	51 213,093	1 092 432,692	21,331	20,866
16	9	99 089	48 996,495	1 041 219,599	21,251	20,785
17	10	99 058	46 872,128	992 223,104	21,169	20,703
18	11	99 025	44 838,764	945 350,976	21,083	20,618
19	12	98 980	42 888,151	900 512,211	20,997	20,531
20	13	98 933	41 021,750	857 624,061	20,907	20,441
21	14	98 881	39 234,615	816 602,311	20,813	20,348
22	15	98 832	37 526,410	777 367,696	20,715	20,250
23	16	98 775	35 889,782	739 841,286	20,614	20,149
24	17	98 720	34 325,168	703 951,504	20,508	20,043
25	18	98 659	32 826,983	669 626,336	20,399	19,933
26	19	98 597	31 393,438	636 799,353	20,284	19,819
27	20	98 534	30 022,534	605 405,915	20,165	19,699
28	21	98 471	28 711,120	575 383,381	20,040	19,575
29	22	98 407	27 456,907	546 672,261	19,910	19,445
30	23	98 339	26 256,570	519 215,355	19,775	19,309
31	24	98 266	25 107,280	492 958,784	19,634	19,168
32	25	98 188	24 006,987	467 851,505	19,488	19,023
33	26	98 107	22 954,261	443 844,517	19,336	18,870
34	27	98 017	21 945,598	420 890,256	19,179	18,713
35	28	97 920	20 979,895	398 944,659	19,016	18,550
36	29	97 819	20 055,622	377 964,763	18,846	18,380
37	30	97 709	19 170,525	357 909,142	18,670	18,204
38	31	97 583	18 321,213	338 738,616	18,489	18,023
39	32	97 448	17 508,044	320 417,403	18,301	17,836
40	33	97 306	16 729,711	302 909,359	18,106	17,640
41	34	97 151	15 983,716	286 179,648	17,904	17,439
42	35	96 982	15 268,819	270 195,932	17,696	17,230
43	36	96 802	14 584,246	254 927,113	17,480	17,014
44	37	96 609	13 928,338	240 342,867	17,256	16,790
45	38	96 389	13 298,273	226 414,529	17,026	16,560
46	39	96 142	12 693,033	213 116,255	16,790	16,324
47	40	95 875	12 112,688	200 423,222	16,547	16,081
48	41	95 583	11 555,713	188 310,534	16,296	15,830
49	42	95 258	11 020,570	176 754,820	16,039	15,573
50	43	94 900	10 506,319	165 734,250	15,775	15,309
51	44	94 498	10 011,373	155 227,931	15,505	15,040
52	45	94 057	9 535,532	145 216,558	15,229	14,763
53	46	93 560	9 076,656	135 681,027	14,948	14,483
54	47	93 007	8 634,470	126 604,370	14,663	14,197
55	48	92 386	8 207,462	117 969,901	14,373	13,908
56	49	91 693	7 795,147	109 762,439	14,081	13,615
57	50	90 930	7 397,379	101 967,292	13,784	13,319
58	51	90 096	7 013,905	94 569,913	13,483	13,018
59	52	89 169	6 642,861	87 556,009	13,180	12,715
60	53	88 166	6 285,296	80 913,147	12,873	12,408
61	54	87 075	5 940,214	74 627,851	12,563	12,098
62	55	85 884	5 606,659	68 687,637	12,251	11,785
63	56	84 583	5 283,952	63 080,978	11,938	11,473
64	57	83 187	4 972,939	57 797,026	11,622	11,157
65	58	81 680	4 672,560	52 824,088	11,305	10,840
66	59	80 070	4 383,249	48 151,527	10,985	10,520
67	60	78 370	4 105,430	43 768,279	10,661	10,195
68	61	76 554	3 837,586	39 662,849	10,335	9,870
69	62	74 658	3 581,415	35 825,263	10,003	9,537
70	63	72 635	3 334,300	32 243,848	9,670	9,205
71	64	70 536	3 098,502	28 909,549	9,330	8,865
72	65	68 284	2 870,405	25 811,047	8,992	8,527
73	66	65 966	2 653,557	22 940,642	8,645	8,180
74	67	63 508	2 444,684	20 287,085	8,298	7,833
75	68	60 950	2 245,196	17 842,401	7,947	7,481
76	69	58 285	2 054,547	15 597,204	7,592	7,126
77	70	55 470	1 871,116	13 542,657	7,238	6,772
78	71	52 542	1 696,034	11 671,541	6,882	6,416
79	72	49 466	1 527,975	9 975,507	6,529	6,063
80	73	46 273	1 367,818	8 447,532	6,176	5,710
81	74	42 946	1 214,789	7 079,714	5,828	5,362
82	75	39 458	1 068,057	5 864,926	5,491	5,026
83	76	35 887	929,578	4 796,869	5,160	4,695
84	77	32 253	799,461	3 867,291	4,837	4,372
85	78	28 589	678,126	3 067,830	4,524	4,058
86	79	24 893	565,047	2 389,704	4,229	3,764
87	80	21 273	462,082	1 824,657	3,949	3,483
88	81	17 790	369,777	1 362,575	3,685	3,219
89	82	14 498	288,379	992,798	3,443	2,977
90	83	11 507	219,020	704,419	3,216	2,751
91	84	8 883	161,807	485,399	3,000	2,534
92	85	6 651	115,933	323,593	2,791	2,326
93	86	4 760	79,395	207,660	2,616	2,150
94	87	3 287	52,471	128,265	2,445	1,979
95	88	2 160	32,990	75,794	2,297	1,832
96	89	1 358	19,851	42,804	2,156	1,691
97	90	801	11,205	22,953	2,048	1,583
98	91	453	6,064	11,748	1,937	1,472
99	92	241	3,087	5,684	1,841	1,375
100	93	121	1,479	2,596	1,755	1,290

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
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7						
8	0	99 552	70 003,196	1 523 087,495	21,757	21,292
9	1	99 244	66 781,669	1 453 084,299	21,759	21,293
10	2	99 211	63 884,947	1 386 302,630	21,700	21,234
11	3	99 191	61 121,483	1 322 417,683	21,636	21,170
12	4	99 173	58 478,899	1 261 296,201	21,568	21,103
13	5	99 157	55 951,462	1 202 817,302	21,498	21,032
14	6	99 139	53 532,166	1 146 865,840	21,424	20,958
15	7	99 116	51 215,472	1 093 333,674	21,348	20,882
16	8	99 096	48 999,910	1 042 118,202	21,268	20,802
17	9	99 065	46 874,995	993 118,292	21,187	20,721
18	10	99 031	44 841,387	946 243,296	21,102	20,636
19	11	98 988	42 891,467	901 401,909	21,016	20,550
20	12	98 940	41 024,972	858 510,442	20,927	20,461
21	13	98 890	39 238,311	817 485,470	20,834	20,368
22	14	98 841	37 529,870	778 247,159	20,737	20,271
23	15	98 787	35 894,149	740 717,289	20,636	20,171
24	16	98 734	34 330,223	704 823,140	20,531	20,065
25	17	98 673	32 831,453	670 492,916	20,422	19,957
26	18	98 616	31 399,624	637 661,463	20,308	19,842
27	19	98 551	30 027,782	606 261,839	20,190	19,724
28	20	98 489	28 716,429	576 234,056	20,066	19,601
29	21	98 423	27 461,435	547 517,627	19,938	19,472
30	22	98 355	26 260,846	520 056,192	19,803	19,338
31	23	98 284	25 111,799	493 795,347	19,664	19,198
32	24	98 206	24 011,308	468 683,548	19,519	19,054
33	25	98 126	22 958,629	444 672,240	19,368	18,903
34	26	98 035	21 949,728	421 713,611	19,213	18,747
35	27	97 942	20 984,411	399 763,883	19,051	18,585
36	28	97 842	20 060,349	378 779,472	18,882	18,416
37	29	97 735	19 175,487	358 719,123	18,707	18,242
38	30	97 614	18 327,025	339 543,636	18,527	18,061
39	31	97 479	17 513,543	321 216,610	18,341	17,875
40	32	97 339	16 735,445	303 703,068	18,147	17,682
41	33	97 186	15 989,477	286 967,622	17,947	17,482
42	34	97 021	15 275,021	270 978,145	17,740	17,274
43	35	96 842	14 590,259	255 703,124	17,526	17,060
44	36	96 653	13 934,727	241 112,865	17,303	16,837
45	37	96 435	13 304,589	227 178,138	17,075	16,610
46	38	96 200	12 700,695	213 873,549	16,840	16,374
47	39	95 933	12 119,974	201 172,854	16,598	16,133
48	40	95 648	11 563,643	189 052,880	16,349	15,883
49	41	95 329	11 028,734	177 489,238	16,093	15,628
50	42	94 975	10 514,665	166 460,503	15,831	15,366
51	43	94 584	10 020,472	155 945,838	15,563	15,097
52	44	94 149	9 544,795	145 925,366	15,288	14,823
53	45	93 668	9 087,127	136 380,570	15,008	14,542
54	46	93 120	8 644,995	127 293,444	14,725	14,259
55	47	92 512	8 218,724	118 648,449	14,436	13,971
56	48	91 839	7 807,593	110 429,725	14,144	13,678
57	49	91 089	7 410,333	102 622,132	13,849	13,383
58	50	90 263	7 026,927	95 211,799	13,550	13,084
59	51	89 361	6 657,126	88 184,872	13,247	12,781
60	52	88 373	6 299,994	81 527,747	12,941	12,475
61	53	87 300	5 955,506	75 227,753	12,632	12,166
62	54	86 133	5 622,902	69 272,247	12,320	11,854
63	55	84 859	5 301,157	63 649,345	12,007	11,541
64	56	83 486	4 990,790	58 348,189	11,691	11,226
65	57	82 001	4 690,968	53 357,399	11,374	10,909
66	58	80 420	4 402,397	48 666,430	11,055	10,589
67	59	78 741	4 124,843	44 264,034	10,731	10,265
68	60	76 960	3 857,940	40 139,191	10,404	9,939
69	61	75 085	3 601,895	36 281,251	10,073	9,607
70	62	73 083	3 354,880	32 679,356	9,741	9,275
71	63	71 015	3 119,555	29 324,476	9,400	8,935
72	64	68 798	2 892,016	26 204,920	9,061	8,596
73	65	66 496	2 674,877	23 312,905	8,716	8,250
74	66	64 069	2 466,294	20 638,028	8,368	7,902
75	67	61 534	2 266,690	18 171,734	8,017	7,551
76	68	58 901	2 076,276	15 905,044	7,660	7,195
77	69	56 118	1 892,989	13 828,767	7,305	6,840
78	70	53 212	1 717,674	11 935,778	6,949	6,483
79	71	50 153	1 549,202	10 218,104	6,596	6,130
80	72	46 969	1 388,385	8 668,902	6,244	5,778
81	73	43 663	1 235,064	7 280,517	5,895	5,429
82	74	40 174	1 087,461	6 045,454	5,559	5,094
83	75	36 591	947,806	4 957,993	5,231	4,765
84	76	32 964	817,082	4 010,187	4,908	4,442
85	77	29 286	694,656	3 193,105	4,597	4,131
86	78	25 596	580,995	2 498,449	4,300	3,835
87	79	21 963	477,069	1 917,454	4,019	3,554
88	80	18 463	383,769	1 440,386	3,753	3,288
89	81	15 144	301,234	1 056,616	3,508	3,042
90	82	12 104	230,396	755,382	3,279	2,813
91	83	9 417	171,535	524,986	3,061	2,595
92	84	7 115	124,014	353,451	2,850	2,384
93	85	5 152	85,937	229,438	2,670	2,204
94	86	3 601	57,482	143,501	2,496	2,031
95	87	2 400	36,653	86,019	2,347	1,881
96	88	1 533	22,410	49,365	2,203	1,737
97	89	920	12,872	26,955	2,094	1,628
98	90	531	7,114	14,083	1,980	1,514
99	91	290	3,709	6,969	1,879	1,413
100	92	149	1,821	3,260	1,791	1,325

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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9	0	99 543	66 982,976	1 454 153,794	21,709	21,244
10	1	99 236	63 900,790	1 387 170,819	21,708	21,243
11	2	99 204	61 129,076	1 323 270,028	21,647	21,182
12	3	99 184	58 484,930	1 262 140,952	21,581	21,115
13	4	99 166	55 956,816	1 203 656,022	21,510	21,045
14	5	99 147	53 536,935	1 147 699,206	21,438	20,972
15	6	99 125	51 220,003	1 094 162,271	21,362	20,896
16	7	99 101	49 002,186	1 042 942,267	21,284	20,818
17	8	99 071	46 878,262	993 940,081	21,203	20,737
18	9	99 037	44 844,131	947 061,819	21,119	20,653
19	10	98 993	42 893,976	902 217,688	21,034	20,568
20	11	98 948	41 028,144	859 323,712	20,945	20,479
21	12	98 898	39 241,393	818 295,568	20,853	20,387
22	13	98 850	37 533,407	779 054,175	20,756	20,291
23	14	98 796	35 897,459	741 520,768	20,657	20,191
24	15	98 746	34 334,401	705 623,310	20,551	20,086
25	16	98 687	32 836,288	671 288,909	20,444	19,978
26	17	98 630	31 403,900	638 452,621	20,330	19,865
27	18	98 571	30 033,700	607 048,720	20,212	19,747
28	19	98 506	28 721,450	577 015,021	20,090	19,624
29	20	98 441	27 466,513	548 293,571	19,962	19,497
30	21	98 371	26 265,177	520 827,058	19,830	19,364
31	22	98 300	25 115,888	494 561,882	19,691	19,226
32	23	98 223	24 015,630	469 445,994	19,548	19,082
33	24	98 144	22 962,760	445 430,364	19,398	18,932
34	25	98 054	21 953,905	422 467,603	19,243	18,778
35	26	97 960	20 988,361	400 513,699	19,083	18,617
36	27	97 863	20 064,666	379 525,338	18,915	18,449
37	28	97 758	19 180,007	359 460,672	18,741	18,276
38	29	97 639	18 331,769	340 280,665	18,562	18,097
39	30	97 510	17 519,099	321 948,895	18,377	17,911
40	31	97 370	16 740,702	304 429,797	18,185	17,719
41	32	97 219	15 994,958	287 689,095	17,986	17,521
42	33	97 056	15 280,527	271 694,137	17,780	17,315
43	34	96 881	14 596,185	256 413,610	17,567	17,102
44	35	96 693	13 940,473	241 817,425	17,346	16,881
45	36	96 479	13 310,692	227 876,953	17,120	16,654
46	37	96 246	12 706,726	214 566,261	16,886	16,420
47	38	95 991	12 127,290	201 859,535	16,645	16,179
48	39	95 706	11 570,598	189 732,245	16,398	15,932
49	40	95 394	11 036,302	178 161,647	16,143	15,678
50	41	95 046	10 522,454	167 125,345	15,883	15,417
51	42	94 659	10 028,433	156 602,891	15,616	15,150
52	43	94 234	9 553,471	146 574,458	15,343	14,877
53	44	93 759	9 095,955	137 020,987	15,064	14,598
54	45	93 228	8 654,967	127 925,032	14,781	14,315
55	46	92 625	8 228,742	119 270,065	14,494	14,029
56	47	91 966	7 818,306	111 041,322	14,203	13,737
57	48	91 235	7 422,164	103 223,016	13,907	13,442
58	49	90 421	7 039,232	95 800,852	13,610	13,144
59	50	89 527	6 669,486	88 761,620	13,309	12,843
60	51	88 562	6 313,522	82 092,135	13,003	12,537
61	52	87 504	5 969,432	75 778,613	12,694	12,229
62	53	86 355	5 637,377	69 809,181	12,383	11,918
63	54	85 105	5 316,514	64 171,804	12,070	11,605
64	55	83 757	5 007,041	58 855,290	11,755	11,289
65	56	82 296	4 707,808	53 848,249	11,438	10,972
66	57	80 737	4 419,740	49 140,441	11,118	10,653
67	58	79 085	4 142,862	44 720,701	10,795	10,329
68	59	77 324	3 876,183	40 577,839	10,469	10,003
69	60	75 484	3 620,999	36 701,656	10,136	9,670
70	61	73 501	3 374,064	33 080,657	9,804	9,339
71	62	71 453	3 138,810	29 706,593	9,464	8,999
72	63	69 265	2 911,666	26 567,782	9,125	8,659
73	64	66 996	2 695,016	23 656,116	8,778	8,312
74	65	64 584	2 486,109	20 961,100	8,431	7,966
75	66	62 078	2 286,726	18 474,991	8,079	7,614
76	67	59 465	2 096,153	16 188,264	7,723	7,257
77	68	56 712	1 913,010	14 092,112	7,366	6,901
78	69	53 834	1 737,753	12 179,102	7,009	6,543
79	70	50 793	1 568,969	10 441,348	6,655	6,189
80	71	47 622	1 407,672	8 872,379	6,303	5,837
81	72	44 319	1 253,635	7 464,707	5,954	5,489
82	73	40 845	1 105,611	6 211,072	5,618	5,152
83	74	37 256	965,025	5 105,462	5,290	4,825
84	75	33 610	833,104	4 140,437	4,970	4,504
85	76	29 931	709,967	3 307,333	4,658	4,193
86	77	26 220	595,157	2 597,366	4,364	3,899
87	78	22 583	490,533	2 002,209	4,082	3,616
88	79	19 062	396,216	1 511,676	3,815	3,350
89	80	15 718	312,633	1 115,459	3,568	3,102
90	81	12 644	240,666	802,827	3,336	2,870
91	82	9 907	180,445	562,160	3,115	2,650
92	83	7 543	131,470	381,715	2,903	2,438
93	84	5 511	91,927	250,246	2,722	2,257
94	85	3 898	62,218	158,319	2,545	2,079
95	86	2 629	40,154	96,100	2,393	1,928
96	87	1 704	24,899	55,946	2,247	1,781
97	88	1 039	14,532	31,047	2,136	1,671
98	89	611	8,172	16,515	2,021	1,555
99	90	340	4,351	8,343	1,918	1,452
100	91	178	2,187	3,993	1,825	1,360

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10	0	99 535	64 093,413	1 388 159,125	21,658	21,193
11	1	99 228	61 144,236	1 324 065,713	21,655	21,189
12	2	99 196	58 492,196	1 262 921,476	21,591	21,126
13	3	99 177	55 962,588	1 204 429,280	21,522	21,056
14	4	99 157	53 542,058	1 148 466,692	21,450	20,984
15	5	99 134	51 224,566	1 094 924,634	21,375	20,909
16	6	99 109	49 006,522	1 043 700,068	21,297	20,832
17	7	99 076	46 880,440	994 693,546	21,218	20,752
18	8	99 044	44 847,256	947 813,106	21,134	20,669
19	9	98 999	42 896,600	902 965,850	21,050	20,584
20	10	98 954	41 030,544	860 069,250	20,962	20,496
21	11	98 905	39 244,428	819 038,706	20,870	20,405
22	12	98 858	37 536,354	779 794,278	20,774	20,309
23	13	98 805	35 900,841	742 257,924	20,675	20,210
24	14	98 755	34 337,567	706 357,083	20,571	20,105
25	15	98 699	32 840,284	672 019,516	20,463	19,998
26	16	98 644	31 408,525	639 179,232	20,351	19,885
27	17	98 584	30 037,790	607 770,707	20,234	19,768
28	18	98 525	28 727,109	577 732,918	20,111	19,645
29	19	98 458	27 471,315	549 005,808	19,985	19,519
30	20	98 390	26 270,033	521 534,494	19,853	19,387
31	21	98 316	25 120,030	495 264,460	19,716	19,250
32	22	98 239	24 019,540	470 144,430	19,573	19,108
33	23	98 161	22 966,894	446 124,890	19,425	18,959
34	24	98 072	21 957,856	423 157,996	19,271	18,806
35	25	97 979	20 992,354	401 200,140	19,112	18,646
36	26	97 881	20 068,443	380 207,786	18,946	18,480
37	27	97 779	19 184,135	360 139,343	18,773	18,307
38	28	97 662	18 336,090	340 955,208	18,595	18,129
39	29	97 535	17 523,633	322 619,118	18,411	17,945
40	30	97 401	16 746,012	305 095,485	18,219	17,753
41	31	97 250	15 999,982	288 349,473	18,022	17,556
42	32	97 089	15 285,764	272 349,491	17,817	17,352
43	33	96 916	14 601,446	257 063,726	17,605	17,140
44	34	96 732	13 946,135	242 462,280	17,386	16,920
45	35	96 519	13 316,180	228 516,145	17,161	16,695
46	36	96 290	12 712,555	215 199,966	16,928	16,463
47	37	96 036	12 133,049	202 487,411	16,689	16,223
48	38	95 763	11 577,582	190 354,362	16,442	15,976
49	39	95 452	11 042,940	178 776,780	16,189	15,724
50	40	95 111	10 529,675	167 733,839	15,930	15,464
51	41	94 730	10 035,862	157 204,165	15,664	15,199
52	42	94 309	9 561,060	147 168,303	15,392	14,927
53	43	93 844	9 104,222	137 607,243	15,115	14,649
54	44	93 318	8 663,376	128 503,021	14,833	14,367
55	45	92 732	8 238,235	119 839,645	14,547	14,081
56	46	92 078	7 827,837	111 601,410	14,257	13,791
57	47	91 360	7 432,348	103 773,573	13,962	13,497
58	48	90 566	7 050,471	96 341,225	13,665	13,199
59	49	89 684	6 681,165	89 290,754	13,365	12,899
60	50	88 727	6 325,243	82 609,589	13,060	12,595
61	51	87 692	5 982,250	76 284,346	12,752	12,286
62	52	86 557	5 650,559	70 302,095	12,442	11,976
63	53	85 324	5 330,201	64 651,536	12,129	11,664
64	54	84 000	5 021,546	59 321,335	11,813	11,348
65	55	82 564	4 723,137	54 299,789	11,497	11,031
66	56	81 027	4 435,606	49 576,652	11,177	10,711
67	57	79 396	4 159,183	45 141,046	10,853	10,388
68	58	77 661	3 893,116	40 981,863	10,527	10,061
69	59	75 841	3 638,122	37 088,748	10,194	9,729
70	60	73 891	3 391,960	33 450,626	9,862	9,396
71	61	71 862	3 156,759	30 058,666	9,522	9,056
72	62	69 693	2 929,638	26 901,907	9,183	8,717
73	63	67 451	2 713,328	23 972,269	8,835	8,369
74	64	65 070	2 504,827	21 258,941	8,487	8,022
75	65	62 577	2 305,099	18 754,114	8,136	7,670
76	66	59 991	2 114,682	16 449,015	7,778	7,313
77	67	57 254	1 931,323	14 334,333	7,422	6,956
78	68	54 404	1 756,133	12 403,010	7,063	6,597
79	69	51 386	1 587,310	10 646,877	6,707	6,242
80	70	48 229	1 425,634	9 059,567	6,355	5,889
81	71	44 935	1 271,050	7 633,934	6,006	5,540
82	72	41 459	1 122,235	6 362,884	5,670	5,204
83	73	37 877	981,131	5 240,649	5,341	4,876
84	74	34 221	848,239	4 259,517	5,022	4,556
85	75	30 518	723,889	3 411,278	4,712	4,247
86	76	26 798	608,275	2 687,390	4,418	3,952
87	77	23 134	502,490	2 079,114	4,138	3,672
88	78	19 600	407,399	1 576,624	3,870	3,404
89	79	16 227	322,773	1 169,225	3,622	3,157
90	80	13 122	249,774	846,453	3,389	2,923
91	81	10 348	188,488	596,679	3,166	2,700
92	82	7 934	138,299	408,191	2,952	2,486
93	83	5 843	97,454	269,892	2,769	2,304
94	84	4 170	66,555	172,438	2,591	2,125
95	85	2 846	43,463	105,883	2,436	1,971
96	86	1 866	27,277	62,420	2,288	1,823
97	87	1 154	16,146	35,143	2,177	1,711
98	88	689	9,226	18,998	2,059	1,594
99	89	390	4,998	9,772	1,955	1,490
100	90	209	2,566	4,774	1,861	1,395

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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11	0	99 527	61 328,550	1 324 979,152	21,605	21,139
12	1	99 220	58 506,702	1 263 650,603	21,598	21,133
13	2	99 189	55 969,540	1 205 143,900	21,532	21,067
14	3	99 167	53 547,580	1 149 174,360	21,461	20,995
15	4	99 143	51 229,468	1 095 626,779	21,387	20,921
16	5	99 118	49 010,887	1 044 397,311	21,309	20,844
17	6	99 085	46 884,587	995 386,423	21,231	20,765
18	7	99 049	44 849,339	948 501,836	21,149	20,683
19	8	99 006	42 899,590	903 652,497	21,064	20,599
20	9	98 960	41 033,054	860 752,907	20,977	20,511
21	10	98 911	39 246,723	819 719,853	20,886	20,421
22	11	98 865	37 539,257	780 473,129	20,791	20,325
23	12	98 813	35 903,660	742 933,873	20,692	20,227
24	13	98 765	34 340,802	707 030,212	20,589	20,123
25	14	98 708	32 843,312	672 689,410	20,482	20,016
26	15	98 656	31 412,347	639 846,098	20,369	19,904
27	16	98 599	30 042,213	608 433,751	20,253	19,787
28	17	98 539	28 731,021	578 391,537	20,131	19,666
29	18	98 478	27 476,728	549 660,516	20,005	19,539
30	19	98 407	26 274,626	522 183,788	19,874	19,408
31	20	98 334	25 124,675	495 909,162	19,738	19,272
32	21	98 256	24 023,502	470 784,487	19,597	19,131
33	22	98 177	22 970,633	446 760,985	19,449	18,984
34	23	98 089	21 961,808	423 790,352	19,297	18,831
35	24	97 996	20 996,132	401 828,544	19,138	18,673
36	25	97 900	20 072,261	380 832,411	18,973	18,507
37	26	97 797	19 187,746	360 760,150	18,802	18,336
38	27	97 683	18 340,036	341 572,404	18,624	18,159
39	28	97 558	17 527,763	323 232,368	18,441	17,976
40	29	97 426	16 750,347	305 704,604	18,251	17,785
41	30	97 280	16 005,057	288 954,257	18,054	17,588
42	31	97 120	15 290,566	272 949,200	17,851	17,385
43	32	96 949	14 606,451	257 658,634	17,640	17,174
44	33	96 767	13 951,162	243 052,183	17,422	16,956
45	34	96 558	13 321,588	229 101,022	17,198	16,732
46	35	96 330	12 717,796	215 779,433	16,967	16,501
47	36	96 080	12 138,615	203 061,637	16,729	16,263
48	37	95 809	11 583,080	190 923,023	16,483	16,017
49	38	95 509	11 049,606	179 339,942	16,230	15,765
50	39	95 168	10 536,008	168 290,336	15,973	15,507
51	40	94 795	10 042,748	157 754,328	15,708	15,243
52	41	94 379	9 568,143	147 711,580	15,438	14,972
53	42	93 918	9 111,455	138 143,437	15,162	14,696
54	43	93 403	8 671,250	129 031,983	14,880	14,415
55	44	92 822	8 246,238	120 360,733	14,596	14,130
56	45	92 184	7 836,867	112 114,494	14,306	13,840
57	46	91 471	7 441,408	104 277,628	14,013	13,548
58	47	90 690	7 060,146	96 836,219	13,716	13,250
59	48	89 827	6 691,832	89 776,074	13,416	12,950
60	49	88 882	6 336,320	83 084,242	13,112	12,647
61	50	87 854	5 993,357	76 747,922	12,805	12,340
62	51	86 743	5 662,693	70 754,565	12,495	12,029
63	52	85 523	5 342,665	65 091,872	12,183	11,718
64	53	84 216	5 034,473	59 749,207	11,868	11,402
65	54	82 803	4 736,820	54 714,734	11,551	11,085
66	55	81 291	4 450,049	49 977,914	11,231	10,765
67	56	79 681	4 174,113	45 527,865	10,907	10,442
68	57	77 967	3 908,453	41 353,752	10,581	10,115
69	58	76 172	3 654,014	37 445,299	10,248	9,782
70	59	74 240	3 408,000	33 791,285	9,915	9,450
71	60	72 243	3 173,503	30 383,285	9,574	9,108
72	61	70 091	2 946,391	27 209,783	9,235	8,769
73	62	67 868	2 730,075	24 263,392	8,887	8,422
74	63	65 513	2 521,847	21 533,316	8,539	8,073
75	64	63 048	2 322,454	19 011,469	8,186	7,720
76	65	60 473	2 131,672	16 689,016	7,829	7,363
77	66	57 761	1 948,395	14 557,343	7,471	7,006
78	67	54 924	1 772,944	12 608,948	7,112	6,646
79	68	51 930	1 604,098	10 836,004	6,755	6,290
80	69	48 793	1 442,299	9 231,906	6,401	5,935
81	70	45 508	1 287,268	7 789,608	6,051	5,586
82	71	42 035	1 137,825	6 502,339	5,715	5,249
83	72	38 447	995,884	5 364,514	5,387	4,921
84	73	34 792	862,396	4 368,630	5,066	4,600
85	74	31 072	737,040	3 506,234	4,757	4,292
86	75	27 323	620,203	2 769,194	4,465	3,999
87	76	23 644	513,566	2 148,992	4,184	3,719
88	77	20 078	417,330	1 635,426	3,919	3,453
89	78	16 685	331,882	1 218,096	3,670	3,205
90	79	13 548	257,875	886,214	3,437	2,971
91	80	10 740	195,621	628,340	3,212	2,746
92	81	8 288	144,463	432,719	2,995	2,530
93	82	6 146	102,516	288,255	2,812	2,346
94	83	4 420	70,557	185,739	2,632	2,167
95	84	3 044	46,492	115,182	2,477	2,012
96	85	2 020	29,524	68,690	2,327	1,861
97	86	1 265	17,688	39,166	2,214	1,749
98	87	766	10,250	21,478	2,095	1,630
99	88	441	5,643	11,228	1,990	1,524
100	89	240	2,947	5,586	1,895	1,430

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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12	0	99 520	58 683,065	1 264 495,032	21,548	21,082
13	1	99 214	55 983,421	1 205 811,966	21,539	21,073
14	2	99 179	53 554,233	1 149 828,545	21,470	21,005
15	3	99 154	51 234,752	1 096 274,312	21,397	20,931
16	4	99 128	49 015,578	1 045 039,560	21,321	20,855
17	5	99 094	46 888,764	996 023,982	21,242	20,777
18	6	99 058	44 853,307	949 135,218	21,161	20,695
19	7	99 011	42 901,583	904 281,911	21,078	20,612
20	8	98 967	41 035,914	861 380,328	20,991	20,525
21	9	98 917	39 249,124	820 344,415	20,901	20,435
22	10	98 871	37 541,453	781 095,290	20,806	20,341
23	11	98 820	35 906,437	743 553,838	20,708	20,242
24	12	98 772	34 343,499	707 647,401	20,605	20,139
25	13	98 718	32 846,407	673 303,902	20,499	20,033
26	14	98 665	31 415,244	640 457,495	20,387	19,921
27	15	98 611	30 045,869	609 042,251	20,270	19,805
28	16	98 553	28 735,252	578 996,382	20,149	19,684
29	17	98 491	27 480,470	550 261,130	20,024	19,558
30	18	98 426	26 279,804	522 780,660	19,893	19,427
31	19	98 352	25 129,068	496 500,856	19,758	19,292
32	20	98 274	24 027,944	471 371,789	19,618	19,152
33	21	98 193	22 974,422	447 343,845	19,471	19,006
34	22	98 105	21 965,384	424 369,423	19,320	18,854
35	23	98 014	20 999,911	402 404,039	19,162	18,697
36	24	97 918	20 075,874	381 404,127	18,998	18,533
37	25	97 816	19 191,397	361 328,254	18,828	18,362
38	26	97 701	18 343,489	342 136,857	18,652	18,186
39	27	97 579	17 531,536	323 793,368	18,469	18,004
40	28	97 449	16 754,295	306 261,832	18,280	17,814
41	29	97 306	16 009,200	289 507,537	18,084	17,618
42	30	97 151	15 295,416	273 498,337	17,881	17,415
43	31	96 980	14 611,039	258 202,921	17,672	17,206
44	32	96 800	13 955,943	243 591,882	17,454	16,989
45	33	96 593	13 326,390	229 635,939	17,232	16,766
46	34	96 369	12 722,962	216 309,549	17,002	16,536
47	35	96 120	12 143,619	203 586,587	16,765	16,299
48	36	95 853	11 588,394	191 442,968	16,520	16,055
49	37	95 555	11 054,853	179 854,574	16,269	15,804
50	38	95 225	10 542,368	168 799,721	16,012	15,546
51	39	94 852	10 048,789	158 257,353	15,749	15,283
52	40	94 444	9 574,708	148 208,564	15,479	15,014
53	41	93 988	9 118,205	138 633,856	15,204	14,738
54	42	93 477	8 678,138	129 515,651	14,924	14,459
55	43	92 907	8 253,733	120 837,513	14,640	14,175
56	44	92 273	7 844,480	112 583,780	14,352	13,886
57	45	91 577	7 449,993	104 739,299	14,059	13,593
58	46	90 800	7 068,752	97 289,307	13,763	13,298
59	47	89 950	6 701,014	90 220,555	13,464	12,998
60	48	89 024	6 346,436	83 519,541	13,160	12,694
61	49	88 008	6 003,853	77 173,104	12,854	12,388
62	50	86 904	5 673,206	71 169,252	12,545	12,079
63	51	85 707	5 354,137	65 496,046	12,233	11,767
64	52	84 413	5 046,246	60 141,908	11,918	11,453
65	53	83 016	4 749,014	55 095,663	11,601	11,136
66	54	81 526	4 462,941	50 346,649	11,281	10,815
67	55	79 941	4 187,704	45 883,708	10,957	10,491
68	56	78 247	3 922,483	41 696,004	10,630	10,164
69	57	76 472	3 668,410	37 773,520	10,297	9,831
70	58	74 565	3 422,887	34 105,110	9,964	9,498
71	59	72 585	3 188,509	30 682,223	9,623	9,157
72	60	70 463	2 962,019	27 493,715	9,282	8,816
73	61	68 256	2 745,687	24 531,696	8,935	8,469
74	62	65 917	2 537,412	21 786,009	8,586	8,120
75	63	63 476	2 338,234	19 248,597	8,232	7,766
76	64	60 928	2 147,721	16 910,362	7,874	7,408
77	65	58 225	1 964,050	14 762,641	7,516	7,051
78	66	55 410	1 788,616	12 798,592	7,156	6,690
79	67	52 427	1 619,454	11 009,975	6,799	6,333
80	68	49 309	1 457,553	9 390,522	6,443	5,977
81	69	46 040	1 302,316	7 932,969	6,091	5,626
82	70	42 571	1 152,343	6 630,653	5,754	5,288
83	71	38 981	1 009,719	5 478,309	5,426	4,960
84	72	35 315	875,364	4 468,591	5,105	4,639
85	73	31 591	749,341	3 593,227	4,795	4,330
86	74	27 820	631,470	2 843,886	4,504	4,038
87	75	24 107	523,636	2 212,416	4,225	3,759
88	76	20 520	426,528	1 688,780	3,959	3,494
89	77	17 092	339,972	1 262,252	3,713	3,247
90	78	13 930	265,152	922,279	3,478	3,013
91	79	11 088	201,966	657,127	3,254	2,788
92	80	8 602	149,930	455,161	3,036	2,570
93	81	6 420	107,086	305,231	2,850	2,385
94	82	4 650	74,222	198,145	2,670	2,204
95	83	3 227	49,287	123,924	2,514	2,049
96	84	2 161	31,582	74,636	2,363	1,898
97	85	1 369	19,145	43,054	2,249	1,783
98	86	839	11,229	23,909	2,129	1,664
99	87	489	6,269	12,680	2,023	1,557
100	88	271	3,327	6,411	1,927	1,461

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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12						
13	0	99 513	56 152,177	1 206 592,794	21,488	21,022
14	1	99 204	53 567,515	1 150 440,617	21,476	21,011
15	2	99 166	51 241,118	1 096 873,102	21,406	20,940
16	3	99 138	49 020,633	1 045 631,984	21,330	20,865
17	4	99 103	46 893,251	996 611,351	21,253	20,787
18	5	99 066	44 857,303	949 718,100	21,172	20,706
19	6	99 020	42 905,378	904 860,797	21,090	20,624
20	7	98 971	41 037,820	861 955,419	21,004	20,538
21	8	98 924	39 251,859	820 917,599	20,914	20,448
22	9	98 877	37 543,749	781 665,739	20,820	20,355
23	10	98 826	35 908,537	744 121,990	20,723	20,257
24	11	98 780	34 346,155	708 213,452	20,620	20,154
25	12	98 725	32 848,986	673 867,298	20,514	20,048
26	13	98 674	31 418,204	641 018,311	20,403	19,937
27	14	98 620	30 048,640	609 600,108	20,287	19,821
28	15	98 565	28 738,749	579 551,468	20,166	19,701
29	16	98 506	27 484,517	550 812,719	20,041	19,575
30	17	98 440	26 283,382	523 328,202	19,911	19,445
31	18	98 371	25 134,019	497 044,820	19,776	19,310
32	19	98 291	24 032,145	471 910,800	19,637	19,171
33	20	98 212	22 978,670	447 878,656	19,491	19,025
34	21	98 122	21 969,007	424 899,986	19,341	18,875
35	22	98 030	21 003,331	402 930,979	19,184	18,719
36	23	97 935	20 079,487	381 927,648	19,021	18,555
37	24	97 833	19 194,851	361 848,161	18,851	18,386
38	25	97 720	18 346,979	342 653,310	18,676	18,211
39	26	97 597	17 534,836	324 306,331	18,495	18,029
40	27	97 470	16 757,901	306 771,495	18,306	17,840
41	28	97 328	16 012,973	290 013,594	18,111	17,646
42	29	97 176	15 299,375	274 000,621	17,909	17,444
43	30	97 011	14 615,674	258 701,246	17,700	17,235
44	31	96 831	13 960,327	244 085,572	17,484	17,019
45	32	96 626	13 330,958	230 125,245	17,262	16,797
46	33	96 404	12 727,548	216 794,287	17,033	16,568
47	34	96 159	12 148,552	204 066,739	16,798	16,332
48	35	95 892	11 593,172	191 918,188	16,554	16,089
49	36	95 598	11 059,924	180 325,016	16,304	15,839
50	37	95 271	10 547,374	169 265,092	16,048	15,582
51	38	94 909	10 054,854	158 717,718	15,785	15,320
52	39	94 500	9 580,467	148 662,863	15,517	15,052
53	40	94 053	9 124,461	139 082,396	15,243	14,777
54	41	93 547	8 684,567	129 957,935	14,964	14,499
55	42	92 980	8 260,290	121 273,368	14,681	14,216
56	43	92 357	7 851,610	113 013,078	14,394	13,928
57	44	91 666	7 457,230	105 161,467	14,102	13,636
58	45	90 905	7 076,906	97 704,237	13,806	13,340
59	46	90 060	6 709,183	90 627,331	13,508	13,042
60	47	89 146	6 355,145	83 918,148	13,205	12,739
61	48	88 149	6 013,438	77 563,003	12,898	12,433
62	49	87 056	5 683,141	71 549,565	12,590	12,124
63	50	85 866	5 364,078	65 866,424	12,279	11,814
64	51	84 595	5 057,082	60 502,346	11,964	11,498
65	52	83 210	4 760,119	55 445,265	11,648	11,182
66	53	81 736	4 474,430	50 685,146	11,328	10,862
67	54	80 172	4 199,836	46 210,716	11,003	10,537
68	55	78 502	3 935,255	42 010,880	10,676	10,210
69	56	76 746	3 681,579	38 075,625	10,342	9,877
70	57	74 858	3 436,372	34 394,046	10,009	9,543
71	58	72 902	3 202,438	30 957,674	9,667	9,201
72	59	70 796	2 976,025	27 755,237	9,326	8,861
73	60	68 618	2 760,250	24 779,212	8,977	8,512
74	61	66 294	2 551,922	22 018,962	8,628	8,163
75	62	63 868	2 352,667	19 467,040	8,274	7,809
76	63	61 342	2 162,315	17 114,373	7,915	7,449
77	64	58 663	1 978,837	14 952,058	7,556	7,090
78	65	55 855	1 802,987	12 973,222	7,195	6,730
79	66	52 890	1 633,769	11 170,235	6,837	6,371
80	67	49 781	1 471,506	9 536,466	6,481	6,015
81	68	46 527	1 316,090	8 064,960	6,128	5,662
82	69	43 069	1 165,814	6 748,870	5,789	5,323
83	70	39 478	1 022,602	5 583,056	5,460	4,994
84	71	35 805	887,524	4 560,454	5,138	4,673
85	72	32 066	760,608	3 672,930	4,829	4,363
86	73	28 284	642,009	2 912,321	4,536	4,071
87	74	24 545	533,149	2 270,312	4,258	3,793
88	75	20 923	434,892	1 737,163	3,994	3,529
89	76	17 469	347,466	1 302,271	3,748	3,282
90	77	14 270	271,616	954,805	3,515	3,050
91	78	11 401	207,666	683,189	3,290	2,824
92	79	8 881	154,793	475,524	3,072	2,606
93	80	6 663	111,138	320,731	2,886	2,420
94	81	4 857	77,530	209,593	2,703	2,238
95	82	3 395	51,848	132,063	2,547	2,082
96	83	2 291	33,481	80,215	2,396	1,930
97	84	1 464	20,479	46,734	2,282	1,816
98	85	908	12,154	26,254	2,160	1,694
99	86	536	6,868	14,100	2,053	1,587
100	87	302	3,697	7,232	1,956	1,491

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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14	0	99 503	53 728,989	1 151 162,820	21,425	20,960
15	1	99 191	51 253,825	1 097 433,831	21,412	20,946
16	2	99 150	49 026,723	1 046 180,006	21,339	20,873
17	3	99 113	46 898,088	997 153,282	21,262	20,797
18	4	99 076	44 861,595	950 255,194	21,182	20,716
19	5	99 028	42 909,201	905 393,599	21,100	20,635
20	6	98 980	41 041,451	862 484,398	21,015	20,549
21	7	98 929	39 253,683	821 442,948	20,927	20,461
22	8	98 884	37 546,366	782 189,265	20,833	20,367
23	9	98 832	35 910,734	744 642,899	20,736	20,270
24	10	98 786	34 348,164	708 732,165	20,634	20,168
25	11	98 733	32 851,527	674 384,001	20,528	20,063
26	12	98 682	31 420,671	641 532,474	20,418	19,952
27	13	98 629	30 051,471	610 111,803	20,302	19,837
28	14	98 574	28 741,399	580 060,332	20,182	19,716
29	15	98 517	27 487,861	551 318,933	20,057	19,591
30	16	98 454	26 287,253	523 831,072	19,927	19,462
31	17	98 384	25 137,442	497 543,819	19,793	19,327
32	18	98 310	24 036,880	472 406,377	19,653	19,188
33	19	98 229	22 982,687	448 369,496	19,509	19,043
34	20	98 140	21 973,069	425 386,809	19,359	18,894
35	21	98 046	21 006,795	403 413,740	19,204	18,738
36	22	97 951	20 082,757	382 406,945	19,042	18,576
37	23	97 851	19 198,306	362 324,188	18,873	18,407
38	24	97 738	18 350,280	343 125,882	18,699	18,233
39	25	97 616	17 538,172	324 775,602	18,518	18,053
40	26	97 488	16 761,055	307 237,430	18,330	17,865
41	27	97 349	16 016,420	290 476,374	18,136	17,671
42	28	97 199	15 302,981	274 459,954	17,935	17,469
43	29	97 036	14 619,457	259 156,973	17,727	17,261
44	30	96 861	13 964,756	244 537,516	17,511	17,045
45	31	96 656	13 335,145	230 572,761	17,291	16,825
46	32	96 437	12 731,910	217 237,616	17,062	16,597
47	33	96 194	12 152,931	204 505,706	16,828	16,362
48	34	95 931	11 597,880	192 352,775	16,585	16,120
49	35	95 638	11 064,484	180 754,895	16,336	15,871
50	36	95 314	10 552,213	169 690,411	16,081	15,615
51	37	94 954	10 059,629	159 138,198	15,819	15,354
52	38	94 557	9 586,250	149 078,569	15,551	15,086
53	39	94 109	9 129,950	139 492,318	15,279	14,813
54	40	93 611	8 690,526	130 362,369	15,001	14,535
55	41	93 049	8 266,409	121 671,842	14,719	14,253
56	42	92 431	7 857,847	113 405,433	14,432	13,967
57	43	91 749	7 464,008	105 547,586	14,141	13,675
58	44	90 993	7 083,781	98 083,577	13,846	13,381
59	45	90 164	6 716,922	90 999,796	13,548	13,082
60	46	89 255	6 362,892	84 282,874	13,246	12,780
61	47	88 270	6 021,690	77 919,982	12,940	12,474
62	48	87 195	5 692,215	71 898,292	12,631	12,165
63	49	86 016	5 373,471	66 206,078	12,321	11,855
64	50	84 752	5 066,471	60 832,607	12,007	11,541
65	51	83 389	4 770,341	55 766,136	11,690	11,225
66	52	81 927	4 484,893	50 995,795	11,371	10,905
67	53	80 379	4 210,648	46 510,903	11,046	10,580
68	54	78 729	3 946,656	42 300,255	10,718	10,252
69	55	76 996	3 693,566	38 353,599	10,384	9,918
70	56	75 127	3 448,708	34 660,033	10,050	9,585
71	57	73 189	3 215,054	31 211,325	9,708	9,242
72	58	71 105	2 989,025	27 996,272	9,366	8,901
73	59	68 942	2 773,302	25 007,246	9,017	8,552
74	60	66 645	2 565,458	22 233,944	8,667	8,201
75	61	64 233	2 366,120	19 668,486	8,313	7,847
76	62	61 720	2 175,661	17 302,367	7,953	7,487
77	63	59 062	1 992,282	15 126,705	7,593	7,127
78	64	56 276	1 816,561	13 134,423	7,230	6,765
79	65	53 315	1 646,896	11 317,862	6,872	6,407
80	66	50 221	1 484,514	9 670,966	6,515	6,049
81	67	46 972	1 328,689	8 186,453	6,161	5,696
82	68	43 525	1 178,144	6 857,764	5,821	5,355
83	69	39 940	1 034,556	5 679,620	5,490	5,024
84	70	36 262	898,849	4 645,064	5,168	4,702
85	71	32 512	771,175	3 746,215	4,858	4,392
86	72	28 709	651,663	2 975,040	4,565	4,100
87	73	24 955	542,048	2 323,377	4,286	3,821
88	74	21 303	442,792	1 781,330	4,023	3,557
89	75	17 811	354,279	1 338,537	3,778	3,313
90	76	14 584	277,603	984,258	3,546	3,080
91	77	11 679	212,728	706,656	3,322	2,856
92	78	9 131	159,162	493,928	3,103	2,638
93	79	6 879	114,743	334,766	2,918	2,452
94	80	5 041	80,464	220,024	2,734	2,269
95	81	3 546	54,159	139,560	2,577	2,111
96	82	2 410	35,220	85,401	2,425	1,959
97	83	1 552	21,711	50,181	2,311	1,846
98	84	971	13,001	28,470	2,190	1,724
99	85	580	7,434	15,468	2,081	1,615
100	86	330	4,050	8,035	1,984	1,518

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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15	0	99 490	51 408,325	1 098 101,984	21,360	20,895
16	1	99 175	49 038,882	1 046 693,659	21,344	20,879
17	2	99 126	46 903,914	997 654,777	21,270	20,805
18	3	99 086	44 866,222	950 750,863	21,191	20,725
19	4	99 038	42 913,307	905 884,640	21,110	20,644
20	5	98 989	41 045,107	862 971,333	21,025	20,559
21	6	98 937	39 257,156	821 926,226	20,937	20,471
22	7	98 889	37 548,110	782 669,071	20,844	20,379
23	8	98 839	35 913,237	745 120,960	20,748	20,282
24	9	98 792	34 350,265	709 207,724	20,646	20,181
25	10	98 739	32 853,448	674 857,458	20,541	20,076
26	11	98 690	31 423,101	642 004,010	20,431	19,965
27	12	98 637	30 053,831	610 580,909	20,316	19,851
28	13	98 584	28 744,107	580 527,078	20,196	19,731
29	14	98 527	27 490,396	551 782,971	20,072	19,606
30	15	98 466	26 290,452	524 292,575	19,942	19,477
31	16	98 399	25 141,144	498 002,123	19,808	19,343
32	17	98 324	24 040,154	472 860,979	19,670	19,204
33	18	98 248	22 987,216	448 820,825	19,525	19,059
34	19	98 157	21 976,910	425 833,609	19,376	18,911
35	20	98 064	21 010,679	403 856,699	19,221	18,756
36	21	97 967	20 086,069	382 846,020	19,060	18,595
37	22	97 867	19 201,432	362 759,951	18,892	18,427
38	23	97 755	18 353,583	343 558,519	18,719	18,253
39	24	97 633	17 541,328	325 204,935	18,539	18,074
40	25	97 507	16 764,244	307 663,607	18,352	17,887
41	26	97 368	16 019,435	290 899,362	18,159	17,694
42	27	97 220	15 306,275	274 879,928	17,959	17,493
43	28	97 059	14 622,903	259 573,653	17,751	17,286
44	29	96 886	13 968,370	244 950,750	17,536	17,070
45	30	96 687	13 339,375	230 982,380	17,316	16,850
46	31	96 467	12 735,909	217 643,005	17,089	16,623
47	32	96 227	12 157,096	204 907,095	16,855	16,389
48	33	95 966	11 602,061	192 749,999	16,613	16,148
49	34	95 677	11 068,978	181 147,938	16,365	15,900
50	35	95 354	10 556,563	170 078,960	16,111	15,646
51	36	94 997	10 064,244	159 522,397	15,850	15,385
52	37	94 602	9 590,803	149 458,153	15,583	15,118
53	38	94 166	9 135,461	139 867,351	15,310	14,845
54	39	93 667	8 695,754	130 731,890	15,034	14,568
55	40	93 113	8 272,081	122 036,136	14,753	14,287
56	41	92 499	7 863,669	113 764,055	14,467	14,001
57	42	91 822	7 469,938	105 900,386	14,177	13,711
58	43	91 076	7 090,220	98 430,449	13,883	13,417
59	44	90 251	6 723,448	91 340,229	13,585	13,120
60	45	89 358	6 370,232	84 616,781	13,283	12,818
61	46	88 377	6 029,030	78 246,550	12,978	12,513
62	47	87 315	5 700,025	72 217,519	12,670	12,204
63	48	86 154	5 382,050	66 517,494	12,359	11,894
64	49	84 900	5 075,343	61 135,444	12,046	11,580
65	50	83 544	4 779,197	56 060,101	11,730	11,264
66	51	82 103	4 494,523	51 280,903	11,410	10,944
67	52	80 567	4 220,494	46 786,380	11,086	10,620
68	53	78 932	3 956,816	42 565,886	10,758	10,292
69	54	77 219	3 704,266	38 609,071	10,423	9,957
70	55	75 372	3 459,937	34 904,804	10,088	9,623
71	56	73 452	3 226,595	31 444,867	9,746	9,280
72	57	71 386	3 000,801	28 218,272	9,404	8,938
73	58	69 244	2 785,417	25 217,471	9,053	8,588
74	59	66 961	2 577,589	22 432,054	8,703	8,237
75	60	64 574	2 378,670	19 854,466	8,347	7,881
76	61	62 073	2 188,102	17 475,796	7,987	7,521
77	62	59 426	2 004,579	15 287,694	7,626	7,161
78	63	56 658	1 828,904	13 283,114	7,263	6,797
79	64	53 717	1 659,295	11 454,210	6,903	6,437
80	65	50 625	1 496,441	9 794,915	6,545	6,080
81	66	47 388	1 340,434	8 298,474	6,191	5,725
82	67	43 941	1 189,422	6 958,040	5,850	5,384
83	68	40 362	1 045,498	5 768,618	5,518	5,052
84	69	36 686	909,356	4 723,120	5,194	4,728
85	70	32 926	781,015	3 813,764	4,883	4,417
86	71	29 108	660,716	3 032,749	4,590	4,124
87	72	25 330	550,198	2 372,033	4,311	3,846
88	73	21 658	450,183	1 821,835	4,047	3,581
89	74	18 135	360,715	1 371,653	3,803	3,337
90	75	14 870	283,046	1 010,937	3,572	3,106
91	76	11 936	217,417	727,891	3,348	2,882
92	77	9 354	163,041	510,475	3,131	2,665
93	78	7 073	117,981	347,433	2,945	2,479
94	79	5 205	83,074	229,452	2,762	2,296
95	80	3 680	56,208	146,379	2,604	2,139
96	81	2 517	36,790	90,170	2,451	1,985
97	82	1 633	22,838	53,380	2,337	1,872
98	83	1 030	13,783	30,542	2,216	1,750
99	84	621	7,952	16,759	2,108	1,642
100	85	358	4,383	8,807	2,009	1,544

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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16	0	99 474	49 186,705	1 047 311,968	21,293	20,827
17	1	99 150	46 915,547	998 125,263	21,275	20,809
18	2	99 098	44 871,797	951 209,716	21,198	20,733
19	3	99 048	42 917,733	906 337,919	21,118	20,652
20	4	98 999	41 049,035	863 420,187	21,034	20,568
21	5	98 946	39 260,653	822 371,152	20,946	20,481
22	6	98 897	37 551,432	783 110,499	20,854	20,389
23	7	98 844	35 914,905	745 559,067	20,759	20,293
24	8	98 799	34 352,659	709 644,161	20,658	20,192
25	9	98 745	32 855,458	675 291,502	20,553	20,088
26	10	98 696	31 424,939	642 436,044	20,444	19,978
27	11	98 645	30 056,155	611 011,105	20,329	19,863
28	12	98 591	28 746,365	580 954,950	20,210	19,744
29	13	98 536	27 492,986	552 208,586	20,085	19,620
30	14	98 475	26 292,876	524 715,599	19,957	19,491
31	15	98 411	25 144,203	498 422,723	19,823	19,357
32	16	98 338	24 043,694	473 278,520	19,684	19,218
33	17	98 261	22 990,347	449 234,826	19,540	19,075
34	18	98 176	21 981,241	426 244,479	19,391	18,926
35	19	98 081	21 014,352	404 263,238	19,237	18,772
36	20	97 985	20 089,783	383 248,886	19,077	18,611
37	21	97 883	19 204,599	363 159,102	18,910	18,444
38	22	97 771	18 356,572	343 954,504	18,737	18,272
39	23	97 651	17 544,486	325 597,932	18,558	18,093
40	24	97 525	16 767,261	308 053,446	18,372	17,907
41	25	97 386	16 022,483	291 286,185	18,180	17,714
42	26	97 238	15 309,156	275 263,702	17,980	17,515
43	27	97 080	14 626,050	259 954,546	17,773	17,308
44	28	96 909	13 971,662	245 328,496	17,559	17,093
45	29	96 712	13 342,828	231 356,833	17,339	16,874
46	30	96 498	12 739,949	218 014,005	17,113	16,647
47	31	96 257	12 160,915	205 274,056	16,880	16,414
48	32	95 999	11 606,037	193 113,141	16,639	16,173
49	33	95 711	11 072,968	181 507,104	16,392	15,926
50	34	95 392	10 560,851	170 434,136	16,138	15,673
51	35	95 037	10 068,393	159 873,285	15,879	15,413
52	36	94 646	9 595,202	149 804,892	15,612	15,147
53	37	94 211	9 139,799	140 209,690	15,341	14,875
54	38	93 724	8 701,003	131 069,891	15,064	14,598
55	39	93 169	8 277,057	122 368,888	14,784	14,318
56	40	92 563	7 869,064	114 091,831	14,499	14,033
57	41	91 890	7 475,471	106 222,767	14,210	13,744
58	42	91 148	7 095,852	98 747,295	13,916	13,451
59	43	90 333	6 729,559	91 651,443	13,619	13,154
60	44	89 445	6 376,421	84 921,884	13,318	12,852
61	45	88 479	6 035,985	78 545,464	13,013	12,547
62	46	87 421	5 706,974	72 509,479	12,705	12,240
63	47	86 272	5 389,435	66 802,505	12,395	11,929
64	48	85 036	5 083,446	61 413,070	12,081	11,615
65	49	83 690	4 787,566	56 329,624	11,766	11,300
66	50	82 255	4 502,868	51 542,057	11,446	10,981
67	51	80 740	4 229,557	47 039,189	11,122	10,656
68	52	79 117	3 966,068	42 809,633	10,794	10,328
69	53	77 418	3 713,802	38 843,564	10,459	9,994
70	54	75 590	3 469,960	35 129,762	10,124	9,658
71	55	73 691	3 237,101	31 659,802	9,780	9,315
72	56	71 642	3 011,573	28 422,701	9,438	8,972
73	57	69 516	2 796,390	25 411,127	9,087	8,622
74	58	67 253	2 588,849	22 614,737	8,735	8,270
75	59	64 879	2 389,918	20 025,888	8,379	7,914
76	60	62 403	2 199,708	17 635,971	8,017	7,552
77	61	59 766	2 016,042	15 436,263	7,657	7,191
78	62	57 008	1 840,193	13 420,220	7,293	6,827
79	63	54 082	1 670,569	11 580,028	6,932	6,466
80	64	51 006	1 507,708	9 909,458	6,573	6,107
81	65	47 768	1 351,203	8 401,751	6,218	5,752
82	66	44 330	1 199,936	7 050,547	5,876	5,410
83	67	40 749	1 055,507	5 850,611	5,543	5,077
84	68	37 074	918,974	4 795,104	5,218	4,752
85	69	33 311	790,144	3 876,131	4,906	4,440
86	70	29 480	669,146	3 085,986	4,612	4,146
87	71	25 682	557,841	2 416,840	4,332	3,867
88	72	21 984	456,952	1 858,999	4,068	3,603
89	73	18 438	366,736	1 402,047	3,823	3,357
90	74	15 141	288,188	1 035,311	3,592	3,127
91	75	12 171	221,680	747,123	3,370	2,905
92	76	9 560	166,635	525,443	3,153	2,688
93	77	7 246	120,857	358,808	2,969	2,503
94	78	5 352	85,418	237,951	2,786	2,320
95	79	3 799	58,031	152,533	2,628	2,163
96	80	2 612	38,183	94,502	2,475	2,009
97	81	1 706	23,857	56,319	2,361	1,895
98	82	1 083	14,499	32,462	2,239	1,773
99	83	658	8,430	17,964	2,131	1,665
100	84	383	4,689	9,534	2,033	1,568

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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17	0	99 449	47 056,969	998 697,581	21,223	20,758
18	1	99 123	44 882,925	951 640,612	21,203	20,737
19	2	99 060	42 923,065	906 757,687	21,125	20,660
20	3	99 009	41 053,269	863 834,622	21,042	20,576
21	4	98 956	39 264,410	822 781,353	20,955	20,489
22	5	98 906	37 554,777	783 516,943	20,863	20,398
23	6	98 853	35 918,083	745 962,166	20,768	20,303
24	7	98 803	34 354,255	710 044,083	20,668	20,203
25	8	98 752	32 857,748	675 689,828	20,564	20,098
26	9	98 702	31 426,861	642 832,080	20,455	19,989
27	10	98 650	30 057,913	611 405,219	20,341	19,875
28	11	98 599	28 748,588	581 347,306	20,222	19,756
29	12	98 544	27 495,145	552 598,718	20,098	19,632
30	13	98 484	26 295,354	525 103,573	19,969	19,504
31	14	98 420	25 146,522	498 808,219	19,836	19,370
32	15	98 350	24 046,620	473 661,697	19,698	19,232
33	16	98 276	22 993,732	449 615,078	19,554	19,088
34	17	98 190	21 984,235	426 621,345	19,406	18,940
35	18	98 101	21 018,493	404 637,111	19,251	18,786
36	19	98 003	20 093,295	383 618,617	19,092	18,626
37	20	97 901	19 208,150	363 525,322	18,926	18,460
38	21	97 787	18 359,600	344 317,172	18,754	18,288
39	22	97 667	17 547,343	325 957,572	18,576	18,110
40	23	97 542	16 770,279	308 410,230	18,390	17,925
41	24	97 404	16 025,366	291 639,950	18,199	17,733
42	25	97 256	15 312,069	275 614,584	18,000	17,534
43	26	97 098	14 628,803	260 302,515	17,794	17,328
44	27	96 930	13 974,670	245 673,712	17,580	17,114
45	28	96 735	13 345,973	231 699,043	17,361	16,895
46	29	96 523	12 743,247	218 353,070	17,135	16,669
47	30	96 287	12 164,772	205 609,823	16,902	16,436
48	31	96 029	11 609,683	193 445,051	16,662	16,197
49	32	95 744	11 076,763	181 835,368	16,416	15,950
50	33	95 427	10 564,658	170 758,604	16,163	15,698
51	34	95 075	10 072,483	160 193,947	15,904	15,439
52	35	94 685	9 599,158	150 121,464	15,639	15,173
53	36	94 254	9 143,991	140 522,306	15,368	14,902
54	37	93 768	8 705,135	131 378,315	15,092	14,626
55	38	93 225	8 282,053	122 673,180	14,812	14,346
56	39	92 618	7 873,798	114 391,127	14,528	14,062
57	40	91 953	7 480,601	106 517,329	14,239	13,774
58	41	91 216	7 101,109	99 036,728	13,947	13,481
59	42	90 405	6 734,905	91 935,619	13,651	13,185
60	43	89 526	6 382,216	85 200,715	13,350	12,884
61	44	88 565	6 041,849	78 818,499	13,045	12,580
62	45	87 522	5 713,557	72 776,650	12,738	12,272
63	46	86 377	5 396,005	67 063,092	12,428	11,963
64	47	85 152	5 090,422	61 667,087	12,114	11,649
65	48	83 824	4 795,210	56 576,666	11,799	11,333
66	49	82 399	4 510,753	51 781,456	11,480	11,014
67	50	80 889	4 237,410	47 270,703	11,156	10,690
68	51	79 287	3 974,585	43 033,293	10,827	10,362
69	52	77 599	3 722,487	39 058,709	10,493	10,027
70	53	75 785	3 478,893	35 336,222	10,157	9,692
71	54	73 904	3 246,479	31 857,329	9,813	9,347
72	55	71 875	3 021,379	28 610,850	9,469	9,004
73	56	69 766	2 806,429	25 589,471	9,118	8,653
74	57	67 518	2 599,048	22 783,042	8,766	8,300
75	58	65 163	2 400,358	20 183,994	8,409	7,943
76	59	62 698	2 210,109	17 783,636	8,046	7,581
77	60	60 083	2 026,735	15 573,527	7,684	7,218
78	61	57 334	1 850,716	13 546,792	7,320	6,854
79	62	54 416	1 680,881	11 696,076	6,958	6,493
80	63	51 352	1 517,952	10 015,195	6,598	6,132
81	64	48 128	1 361,376	8 497,243	6,242	5,776
82	65	44 686	1 209,577	7 135,867	5,899	5,434
83	66	41 109	1 064,837	5 926,289	5,565	5,100
84	67	37 429	927,771	4 861,453	5,240	4,774
85	68	33 664	798,501	3 933,682	4,926	4,461
86	69	29 824	676,968	3 135,180	4,631	4,166
87	70	26 010	564,959	2 458,212	4,351	3,886
88	71	22 289	463,300	1 893,253	4,086	3,621
89	72	18 715	372,250	1 429,953	3,841	3,376
90	73	15 393	292,998	1 057,703	3,610	3,144
91	74	12 392	225,707	764,705	3,388	2,922
92	75	9 748	169,902	538,998	3,172	2,707
93	76	7 406	123,521	369,095	2,988	2,523
94	77	5 482	87,501	245,574	2,807	2,341
95	78	3 907	59,669	158,074	2,649	2,184
96	79	2 697	39,421	98,405	2,496	2,031
97	80	1 770	24,759	58,984	2,382	1,917
98	81	1 132	15,145	34,225	2,260	1,794
99	82	692	8,868	19,079	2,152	1,686
100	83	406	4,971	10,211	2,054	1,589

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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18	0	99 422	45 018,220	952 170,490	21,151	20,685
19	1	99 085	42 933,710	907 152,269	21,129	20,664
20	2	99 021	41 058,369	864 218,560	21,049	20,583
21	3	98 966	39 268,460	823 160,190	20,962	20,497
22	4	98 916	37 558,371	783 891,731	20,871	20,406
23	5	98 861	35 921,282	746 333,359	20,777	20,311
24	6	98 812	34 357,294	710 412,077	20,677	20,212
25	7	98 756	32 859,274	676 054,783	20,574	20,109
26	8	98 709	31 429,052	643 195,508	20,465	19,999
27	9	98 656	30 059,752	611 766,457	20,352	19,886
28	10	98 605	28 750,269	581 706,705	20,233	19,767
29	11	98 551	27 497,272	552 956,435	20,110	19,644
30	12	98 492	26 297,419	525 459,164	19,981	19,516
31	13	98 429	25 148,891	499 161,745	19,848	19,383
32	14	98 359	24 048,837	474 012,854	19,710	19,245
33	15	98 288	22 996,530	449 964,017	19,567	19,101
34	16	98 204	21 987,472	426 967,486	19,419	18,953
35	17	98 114	21 021,356	404 980,014	19,265	18,800
36	18	98 022	20 097,255	383 958,659	19,105	18,639
37	19	97 918	19 211,508	363 861,404	18,940	18,474
38	20	97 805	18 362,994	344 649,896	18,769	18,303
39	21	97 683	17 550,237	326 286,901	18,592	18,126
40	22	97 558	16 773,010	308 736,665	18,407	17,941
41	23	97 421	16 028,251	291 963,655	18,216	17,750
42	24	97 274	15 314,825	275 935,404	18,018	17,552
43	25	97 116	14 631,586	260 620,579	17,812	17,347
44	26	96 948	13 977,300	245 988,993	17,599	17,134
45	27	96 756	13 348,845	232 011,693	17,381	16,915
46	28	96 545	12 746,251	218 662,848	17,155	16,689
47	29	96 312	12 167,921	205 916,597	16,923	16,457
48	30	96 059	11 613,366	193 748,676	16,683	16,218
49	31	95 774	11 080,242	182 135,310	16,438	15,972
50	32	95 459	10 568,279	171 055,068	16,186	15,720
51	33	95 109	10 076,113	160 486,789	15,927	15,462
52	34	94 723	9 603,057	150 410,676	15,663	15,197
53	35	94 293	9 147,761	140 807,619	15,393	14,927
54	36	93 811	8 709,128	131 659,857	15,117	14,652
55	37	93 270	8 285,986	122 950,730	14,838	14,373
56	38	92 674	7 878,550	114 664,743	14,554	14,088
57	39	92 008	7 485,100	106 786,193	14,267	13,801
58	40	91 279	7 105,981	99 301,092	13,974	13,509
59	41	90 472	6 739,894	92 195,111	13,679	13,213
60	42	89 597	6 387,286	85 455,217	13,379	12,913
61	43	88 646	6 047,341	79 067,931	13,075	12,609
62	44	87 607	5 719,108	73 020,591	12,768	12,302
63	45	86 477	5 402,230	67 301,483	12,458	11,992
64	46	85 256	5 096,627	61 899,253	12,145	11,680
65	47	83 939	4 801,790	56 802,626	11,829	11,364
66	48	82 531	4 517,955	52 000,836	11,510	11,044
67	49	81 031	4 244,830	47 482,881	11,186	10,720
68	50	79 434	3 981,964	43 238,051	10,858	10,393
69	51	77 766	3 730,480	39 256,087	10,523	10,057
70	52	75 962	3 487,028	35 525,607	10,188	9,722
71	53	74 094	3 254,837	32 038,579	9,843	9,378
72	54	72 083	3 030,132	28 783,743	9,499	9,034
73	55	69 993	2 815,567	25 753,611	9,147	8,681
74	56	67 760	2 608,378	22 938,044	8,794	8,328
75	57	65 419	2 409,814	20 329,666	8,436	7,971
76	58	62 972	2 219,764	17 919,852	8,073	7,607
77	59	60 367	2 036,319	15 700,088	7,710	7,244
78	60	57 638	1 860,532	13 663,769	7,344	6,878
79	61	54 727	1 690,493	11 803,237	6,982	6,517
80	62	51 669	1 527,321	10 112,744	6,621	6,156
81	63	48 455	1 370,627	8 585,423	6,264	5,798
82	64	45 022	1 218,684	7 214,796	5,920	5,455
83	65	41 439	1 073,392	5 996,113	5,586	5,121
84	66	37 760	935,972	4 922,720	5,259	4,794
85	67	33 986	806,145	3 986,748	4,945	4,480
86	68	30 140	684,128	3 180,603	4,649	4,184
87	69	26 314	571,563	2 496,475	4,368	3,902
88	70	22 574	469,211	1 924,911	4,102	3,637
89	71	18 975	377,421	1 455,700	3,857	3,391
90	72	15 625	297,404	1 078,279	3,626	3,160
91	73	12 598	229,474	780,875	3,403	2,937
92	74	9 925	172,989	551,401	3,187	2,722
93	75	7 551	125,943	378,411	3,005	2,539
94	76	5 603	89,429	252,469	2,823	2,357
95	77	4 002	61,124	163,039	2,667	2,202
96	78	2 773	40,533	101,916	2,514	2,049
97	79	1 828	25,562	61,382	2,401	1,936
98	80	1 174	15,718	35,820	2,279	1,813
99	81	723	9,263	20,102	2,170	1,704
100	82	427	5,229	10,838	2,073	1,607

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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19	0	99 384	43 063,129	907 642,960	21,077	20,611
20	1	99 046	41 068,552	864 579,831	21,052	20,587
21	2	98 978	39 273,338	823 511,279	20,969	20,503
22	3	98 926	37 562,245	784 237,941	20,878	20,413
23	4	98 871	35 924,720	746 675,696	20,784	20,319
24	5	98 821	34 360,355	710 750,976	20,685	20,220
25	6	98 765	32 862,181	676 390,621	20,583	20,117
26	7	98 713	31 430,512	643 528,439	20,475	20,009
27	8	98 663	30 061,847	612 097,928	20,361	19,896
28	9	98 611	28 752,028	582 036,081	20,243	19,778
29	10	98 557	27 498,880	553 284,053	20,120	19,655
30	11	98 500	26 299,452	525 785,173	19,992	19,527
31	12	98 437	25 150,866	499 485,721	19,860	19,394
32	13	98 369	24 051,103	474 334,854	19,722	19,256
33	14	98 297	22 998,651	450 283,751	19,579	19,113
34	15	98 216	21 990,148	427 285,100	19,431	18,965
35	16	98 128	21 024,452	405 294,952	19,277	18,812
36	17	98 035	20 099,992	384 270,501	19,118	18,652
37	18	97 938	19 215,294	364 170,509	18,952	18,487
38	19	97 822	18 366,205	344 955,216	18,782	18,316
39	20	97 701	17 553,482	326 589,011	18,605	18,140
40	21	97 574	16 775,776	309 035,529	18,422	17,956
41	22	97 437	16 030,861	292 259,753	18,231	17,765
42	23	97 291	15 317,581	276 228,892	18,033	17,568
43	24	97 134	14 634,220	260 911,311	17,829	17,363
44	25	96 967	13 979,959	246 277,091	17,616	17,151
45	26	96 774	13 351,358	232 297,132	17,399	16,933
46	27	96 566	12 748,994	218 945,774	17,174	16,708
47	28	96 335	12 170,789	206 196,780	16,942	16,476
48	29	96 084	11 616,372	194 025,991	16,703	16,237
49	30	95 804	11 083,757	182 409,619	16,457	15,992
50	31	95 489	10 571,598	171 325,862	16,206	15,741
51	32	95 142	10 079,567	160 754,264	15,949	15,483
52	33	94 757	9 606,518	150 674,697	15,685	15,219
53	34	94 331	9 151,477	141 068,178	15,415	14,949
54	35	93 850	8 712,718	131 916,701	15,141	14,675
55	36	93 312	8 289,787	123 203,983	14,862	14,397
56	37	92 718	7 882,292	114 914,195	14,579	14,113
57	38	92 064	7 489,619	107 031,904	14,291	13,825
58	39	91 333	7 110,256	99 542,285	14,000	13,534
59	40	90 534	6 744,519	92 432,029	13,705	13,239
60	41	89 663	6 392,018	85 687,511	13,405	12,940
61	42	88 716	6 052,145	79 295,493	13,102	12,636
62	43	87 687	5 724,306	73 243,349	12,795	12,330
63	44	86 561	5 407,478	67 519,043	12,486	12,021
64	45	85 354	5 102,506	62 111,564	12,173	11,707
65	46	84 041	4 807,643	57 009,058	11,858	11,392
66	47	82 644	4 524,154	52 201,415	11,538	11,073
67	48	81 160	4 251,607	47 677,261	11,214	10,748
68	49	79 573	3 988,937	43 425,654	10,887	10,421
69	50	77 910	3 737,406	39 436,717	10,552	10,086
70	51	76 125	3 494,516	35 699,311	10,216	9,750
71	52	74 268	3 262,448	32 204,795	9,871	9,406
72	53	72 269	3 037,932	28 942,347	9,527	9,061
73	54	70 196	2 823,724	25 904,415	9,174	8,708
74	55	67 981	2 616,871	23 080,691	8,820	8,354
75	56	65 654	2 418,465	20 463,820	8,461	7,996
76	57	63 220	2 228,509	18 045,355	8,098	7,632
77	58	60 631	2 045,215	15 816,846	7,734	7,268
78	59	57 910	1 869,330	13 771,632	7,367	6,902
79	60	55 017	1 699,459	11 902,302	7,004	6,538
80	61	51 965	1 536,055	10 202,843	6,642	6,177
81	62	48 754	1 379,087	8 666,788	6,284	5,819
82	63	45 328	1 226,965	7 287,702	5,940	5,474
83	64	41 751	1 081,474	6 060,737	5,604	5,139
84	65	38 063	943,492	4 979,263	5,277	4,812
85	66	34 286	813,271	4 035,771	4,962	4,497
86	67	30 428	690,677	3 222,500	4,666	4,200
87	68	26 592	577,608	2 531,822	4,383	3,918
88	69	22 838	474,696	1 954,214	4,117	3,651
89	70	19 217	382,237	1 479,518	3,871	3,405
90	71	15 842	301,535	1 097,280	3,639	3,173
91	72	12 788	232,925	795,745	3,416	2,951
92	73	10 090	175,876	562,821	3,200	2,734
93	74	7 688	128,231	386,944	3,018	2,552
94	75	5 713	91,183	258,713	2,837	2,372
95	76	4 090	62,471	167,530	2,682	2,216
96	77	2 841	41,522	105,060	2,530	2,065
97	78	1 879	26,284	63,538	2,417	1,952
98	79	1 212	16,228	37,254	2,296	1,830
99	80	751	9,614	21,026	2,187	1,721
100	81	446	5,462	11,413	2,089	1,624

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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20	0	99 344	41 192,349	865 034,343	21,000	20,534
21	1	99 003	39 283,078	823 841,994	20,972	20,506
22	2	98 938	37 566,912	784 558,916	20,884	20,419
23	3	98 881	35 928,425	746 992,004	20,791	20,326
24	4	98 830	34 363,643	711 063,579	20,692	20,227
25	5	98 774	32 865,109	676 699,936	20,590	20,125
26	6	98 722	31 433,292	643 834,827	20,483	20,017
27	7	98 668	30 063,243	612 401,534	20,370	19,905
28	8	98 618	28 754,032	582 338,291	20,252	19,787
29	9	98 563	27 500,562	553 584,259	20,130	19,664
30	10	98 506	26 300,991	526 083,697	20,002	19,537
31	11	98 445	25 152,811	499 782,706	19,870	19,404
32	12	98 376	24 052,992	474 629,895	19,733	19,267
33	13	98 306	23 000,818	450 576,903	19,590	19,124
34	14	98 225	21 992,175	427 576,085	19,442	18,977
35	15	98 140	21 027,010	405 583,909	19,289	18,823
36	16	98 050	20 102,952	384 556,900	19,129	18,664
37	17	97 951	19 217,910	364 453,948	18,964	18,499
38	18	97 842	18 369,824	345 236,037	18,794	18,328
39	19	97 718	17 556,551	326 866,214	18,618	18,152
40	20	97 592	16 778,878	309 309,663	18,434	17,969
41	21	97 453	16 033,505	292 530,784	18,245	17,779
42	22	97 307	15 320,075	276 497,280	18,048	17,582
43	23	97 151	14 636,854	261 177,204	17,844	17,378
44	24	96 984	13 982,475	246 540,351	17,632	17,166
45	25	96 792	13 353,898	232 557,875	17,415	16,949
46	26	96 584	12 751,394	219 203,977	17,191	16,725
47	27	96 356	12 173,409	206 452,584	16,959	16,494
48	28	96 107	11 619,110	194 279,175	16,721	16,255
49	29	95 829	11 086,626	182 660,065	16,476	16,010
50	30	95 520	10 574,952	171 573,439	16,225	15,759
51	31	95 172	10 082,733	160 998,487	15,968	15,502
52	32	94 790	9 609,811	150 915,754	15,704	15,239
53	33	94 365	9 154,776	141 305,943	15,435	14,970
54	34	93 888	8 716,257	132 151,167	15,161	14,696
55	35	93 351	8 293,205	123 434,910	14,884	14,418
56	36	92 761	7 885,907	115 141,705	14,601	14,135
57	37	92 107	7 493,175	107 255,798	14,314	13,848
58	38	91 389	7 114,548	99 762,622	14,022	13,557
59	39	90 589	6 748,575	92 648,075	13,729	13,263
60	40	89 725	6 396,404	85 899,499	13,429	12,964
61	41	88 782	6 056,628	79 503,096	13,127	12,661
62	42	87 756	5 728,853	73 446,468	12,820	12,355
63	43	86 639	5 412,393	67 717,614	12,512	12,046
64	44	85 437	5 107,463	62 305,221	12,199	11,733
65	45	84 138	4 813,189	57 197,758	11,884	11,418
66	46	82 745	4 529,669	52 384,569	11,565	11,099
67	47	81 272	4 257,441	47 854,900	11,240	10,775
68	48	79 700	3 995,306	43 597,458	10,912	10,447
69	49	78 047	3 743,951	39 602,153	10,578	10,112
70	50	76 266	3 501,004	35 858,202	10,242	9,777
71	51	74 427	3 269,453	32 357,198	9,897	9,431
72	52	72 438	3 045,036	29 087,745	9,553	9,087
73	53	70 377	2 830,993	26 042,709	9,199	8,734
74	54	68 178	2 624,452	23 211,716	8,844	8,379
75	55	65 868	2 426,339	20 587,264	8,485	8,019
76	56	63 447	2 236,509	18 160,925	8,120	7,655
77	57	60 870	2 053,272	15 924,416	7,756	7,290
78	58	58 163	1 877,496	13 871,144	7,388	6,922
79	59	55 277	1 707,495	11 993,648	7,024	6,559
80	60	52 241	1 544,202	10 286,153	6,661	6,196
81	61	49 033	1 386,973	8 741,951	6,303	5,837
82	62	45 608	1 234,538	7 354,978	5,958	5,492
83	63	42 035	1 088,822	6 120,440	5,621	5,156
84	64	38 350	950,596	5 031,618	5,293	4,828
85	65	34 562	819,806	4 081,022	4,978	4,512
86	66	30 697	696,783	3 261,217	4,680	4,215
87	67	26 847	583,138	2 564,434	4,398	3,932
88	68	23 079	479,717	1 981,296	4,130	3,665
89	69	19 442	386,705	1 501,580	3,883	3,417
90	70	16 044	305,383	1 114,874	3,651	3,185
91	71	12 966	236,160	809,491	3,428	2,962
92	72	10 242	178,521	573,331	3,212	2,746
93	73	7 816	130,371	394,810	3,028	2,563
94	74	5 817	92,839	264,439	2,848	2,383
95	75	4 170	63,696	171,600	2,694	2,228
96	76	2 903	42,437	107,904	2,543	2,077
97	77	1 925	26,924	65,467	2,432	1,966
98	78	1 247	16,686	38,543	2,310	1,844
99	79	775	9,926	21,857	2,202	1,736
100	80	463	5,669	11,931	2,105	1,639

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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21	0	99 301	39 401,493	824 263,095	20,920	20,454
22	1	98 963	37 576,228	784 861,602	20,887	20,422
23	2	98 893	35 932,889	747 285,374	20,797	20,331
24	3	98 841	34 367,188	711 352,485	20,699	20,233
25	4	98 783	32 868,254	676 985,297	20,597	20,131
26	5	98 731	31 436,093	644 117,043	20,490	20,024
27	6	98 677	30 065,903	612 680,951	20,378	19,912
28	7	98 622	28 755,368	582 615,048	20,261	19,795
29	8	98 570	27 502,479	553 859,680	20,139	19,673
30	9	98 512	26 302,600	526 357,201	20,012	19,546
31	10	98 450	25 154,283	500 054,601	19,880	19,414
32	11	98 384	24 054,852	474 900,319	19,742	19,277
33	12	98 314	23 002,624	450 845,467	19,600	19,134
34	13	98 234	21 994,248	427 842,842	19,452	18,987
35	14	98 149	21 028,949	405 848,595	19,300	18,834
36	15	98 062	20 105,398	384 819,646	19,140	18,675
37	16	97 965	19 220,741	364 714,248	18,975	18,509
38	17	97 855	18 372,325	345 493,508	18,805	18,339
39	18	97 737	17 560,010	327 121,182	18,629	18,163
40	19	97 609	16 781,812	309 561,172	18,446	17,981
41	20	97 471	16 036,469	292 779,360	18,257	17,791
42	21	97 323	15 322,602	276 742,891	18,061	17,595
43	22	97 167	14 639,237	261 420,289	17,858	17,392
44	23	97 002	13 984,992	246 781,051	17,646	17,181
45	24	96 810	13 356,301	232 796,059	17,430	16,964
46	25	96 603	12 753,820	219 439,758	17,206	16,740
47	26	96 374	12 175,700	206 685,938	16,975	16,510
48	27	96 128	11 621,611	194 510,238	16,737	16,271
49	28	95 852	11 089,239	182 888,628	16,492	16,027
50	29	95 544	10 577,689	171 799,388	16,242	15,776
51	30	95 202	10 085,932	161 221,699	15,985	15,519
52	31	94 820	9 612,830	151 135,768	15,722	15,257
53	32	94 397	9 157,913	141 522,938	15,454	14,988
54	33	93 922	8 719,399	132 365,025	15,181	14,715
55	34	93 389	8 296,574	123 645,626	14,903	14,438
56	35	92 799	7 889,159	115 349,052	14,621	14,156
57	36	92 150	7 496,612	107 459,893	14,334	13,869
58	37	91 432	7 117,926	99 963,281	14,044	13,578
59	38	90 643	6 752,649	92 845,355	13,749	13,284
60	39	89 779	6 400,251	86 092,706	13,451	12,986
61	40	88 843	6 060,784	79 692,454	13,149	12,683
62	41	87 821	5 733,097	73 631,671	12,843	12,378
63	42	86 708	5 416,692	67 898,573	12,535	12,069
64	43	85 515	5 112,105	62 481,881	12,222	11,757
65	44	84 220	4 817,865	57 369,775	11,908	11,442
66	45	82 840	4 534,894	52 551,910	11,588	11,123
67	46	81 371	4 262,631	48 017,016	11,265	10,799
68	47	79 809	4 000,788	43 754,385	10,936	10,471
69	48	78 171	3 749,928	39 753,597	10,601	10,136
70	49	76 400	3 507,135	36 003,668	10,266	9,800
71	50	74 565	3 275,523	32 496,534	9,921	9,455
72	51	72 593	3 051,575	29 221,010	9,576	9,110
73	52	70 541	2 837,613	26 169,435	9,222	8,757
74	53	68 353	2 631,208	23 331,823	8,867	8,402
75	54	66 059	2 433,369	20 700,615	8,507	8,041
76	55	63 653	2 243,791	18 267,246	8,141	7,676
77	56	61 088	2 060,643	16 023,455	7,776	7,310
78	57	58 393	1 884,892	13 962,812	7,408	6,942
79	58	55 519	1 714,954	12 077,920	7,043	6,577
80	59	52 488	1 551,504	10 362,966	6,679	6,214
81	60	49 293	1 394,329	8 811,462	6,319	5,854
82	61	45 869	1 241,597	7 417,133	5,974	5,508
83	62	42 294	1 095,543	6 175,535	5,637	5,171
84	63	38 610	957,055	5 079,993	5,308	4,842
85	64	34 822	825,978	4 122,938	4,992	4,526
86	65	30 944	702,381	3 296,960	4,694	4,228
87	66	27 084	588,293	2 594,579	4,410	3,945
88	67	23 300	484,309	2 006,287	4,143	3,677
89	68	19 647	390,795	1 521,977	3,895	3,429
90	69	16 231	308,953	1 131,182	3,661	3,196
91	70	13 131	239,174	822,229	3,438	2,972
92	71	10 384	181,001	583,056	3,221	2,756
93	72	7 934	132,331	402,055	3,038	2,573
94	73	5 914	94,389	269,723	2,858	2,392
95	74	4 246	64,853	175,335	2,704	2,238
96	75	2 960	43,269	110,482	2,553	2,088
97	76	1 967	27,518	67,213	2,443	1,977
98	77	1 277	17,093	39,695	2,322	1,857
99	78	797	10,206	22,602	2,215	1,749
100	79	478	5,853	12,396	2,118	1,652

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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22	0	99 261	37 689,498	785 251,853	20,835	20,369
23	1	98 918	35 941,800	747 562,355	20,799	20,334
24	2	98 853	34 371,457	711 620,555	20,704	20,238
25	3	98 794	32 871,644	677 249,097	20,603	20,137
26	4	98 740	31 439,101	644 377,453	20,496	20,030
27	5	98 685	30 068,582	612 938,352	20,385	19,919
28	6	98 631	28 757,912	582 869,771	20,268	19,803
29	7	98 574	27 503,757	554 111,859	20,147	19,681
30	8	98 518	26 304,433	526 608,103	20,020	19,554
31	9	98 456	25 155,822	500 303,670	19,888	19,423
32	10	98 390	24 056,259	475 147,848	19,752	19,286
33	11	98 322	23 004,403	451 091,589	19,609	19,143
34	12	98 242	21 995,975	428 087,186	19,462	18,996
35	13	98 159	21 030,930	406 091,211	19,309	18,844
36	14	98 071	20 107,252	385 060,281	19,150	18,685
37	15	97 977	19 223,079	364 953,029	18,985	18,520
38	16	97 869	18 375,031	345 729,950	18,815	18,350
39	17	97 751	17 562,402	327 354,919	18,640	18,174
40	18	97 628	16 785,119	309 792,517	18,456	17,991
41	19	97 488	16 039,273	293 007,398	18,268	17,803
42	20	97 341	15 325,435	276 968,125	18,072	17,607
43	21	97 183	14 641,652	261 642,690	17,870	17,404
44	22	97 017	13 987,269	247 001,038	17,659	17,193
45	23	96 827	13 358,705	233 013,769	17,443	16,977
46	24	96 620	12 756,115	219 655,064	17,220	16,754
47	25	96 392	12 178,017	206 898,949	16,990	16,524
48	26	96 146	11 623,798	194 720,932	16,752	16,286
49	27	95 872	11 091,626	183 097,134	16,508	16,042
50	28	95 567	10 580,182	172 005,508	16,257	15,792
51	29	95 227	10 088,542	161 425,326	16,001	15,535
52	30	94 850	9 615,879	151 336,784	15,738	15,273
53	31	94 427	9 160,790	141 720,905	15,470	15,005
54	32	93 954	8 722,388	132 560,115	15,198	14,732
55	33	93 422	8 299,564	123 837,727	14,921	14,455
56	34	92 837	7 892,363	115 538,163	14,639	14,174
57	35	92 188	7 499,703	107 645,800	14,353	13,888
58	36	91 474	7 121,191	100 146,096	14,063	13,597
59	37	90 686	6 755,856	93 024,905	13,770	13,304
60	38	89 833	6 404,114	86 269,049	13,471	13,005
61	39	88 896	6 064,429	79 864,935	13,169	12,704
62	40	87 881	5 737,031	73 800,506	12,864	12,398
63	41	86 772	5 420,705	68 063,474	12,556	12,091
64	42	85 583	5 116,166	62 642,769	12,244	11,778
65	43	84 296	4 822,244	57 526,603	11,929	11,464
66	44	82 921	4 539,300	52 704,358	11,611	11,145
67	45	81 465	4 267,548	48 165,058	11,286	10,821
68	46	79 907	4 005,665	43 897,510	10,959	10,493
69	47	78 279	3 755,074	39 891,845	10,623	10,158
70	48	76 522	3 512,734	36 136,771	10,287	9,822
71	49	74 696	3 281,259	32 624,037	9,943	9,477
72	50	72 728	3 057,241	29 342,778	9,598	9,132
73	51	70 693	2 843,706	26 285,537	9,243	8,778
74	52	68 513	2 637,361	23 441,831	8,888	8,423
75	53	66 229	2 439,633	20 804,470	8,528	8,062
76	54	63 838	2 250,291	18 364,838	8,161	7,695
77	55	61 287	2 067,352	16 114,546	7,795	7,329
78	56	58 602	1 891,659	14 047,194	7,426	6,960
79	57	55 737	1 721,710	12 155,535	7,060	6,595
80	58	52 717	1 558,282	10 433,825	6,696	6,230
81	59	49 526	1 400,922	8 875,543	6,335	5,870
82	60	46 112	1 248,183	7 474,621	5,988	5,523
83	61	42 536	1 101,807	6 226,438	5,651	5,185
84	62	38 849	962,962	5 124,631	5,322	4,856
85	63	35 059	831,590	4 161,669	5,004	4,539
86	64	31 177	707,669	3 330,079	4,706	4,240
87	65	27 301	593,019	2 622,410	4,422	3,957
88	66	23 506	488,590	2 029,390	4,154	3,688
89	67	19 835	394,536	1 540,800	3,905	3,440
90	68	16 403	312,220	1 146,264	3,671	3,206
91	69	13 284	241,970	834,043	3,447	2,981
92	70	10 517	183,310	592,074	3,230	2,764
93	71	8 044	134,170	408,763	3,047	2,581
94	72	6 003	95,808	274,594	2,866	2,400
95	73	4 317	65,935	178,786	2,712	2,246
96	74	3 014	44,055	112,850	2,562	2,096
97	75	2 006	28,057	68,795	2,452	1,986
98	76	1 305	17,470	40,738	2,332	1,866
99	77	816	10,454	23,268	2,226	1,760
100	78	491	6,018	12,814	2,129	1,664

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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23	0	99 216	36 050,143	747 924,111	20,747	20,281
24	1	98 877	34 379,982	711 873,968	20,706	20,240
25	2	98 806	32 875,728	677 493,986	20,608	20,142
26	3	98 750	31 442,343	644 618,258	20,502	20,036
27	4	98 695	30 071,459	613 175,915	20,391	19,925
28	5	98 640	28 760,474	583 104,456	20,275	19,809
29	6	98 583	27 506,190	554 343,982	20,153	19,688
30	7	98 523	26 305,655	526 837,792	20,028	19,562
31	8	98 463	25 157,575	500 532,138	19,896	19,430
32	9	98 396	24 057,731	475 374,563	19,760	19,294
33	10	98 327	23 005,749	451 316,832	19,618	19,152
34	11	98 250	21 997,676	428 311,083	19,471	19,005
35	12	98 166	21 032,582	406 313,407	19,318	18,853
36	13	98 080	20 109,147	385 280,826	19,159	18,694
37	14	97 986	19 224,852	365 171,679	18,995	18,529
38	15	97 881	18 377,267	345 946,827	18,825	18,359
39	16	97 765	17 564,988	327 569,560	18,649	18,183
40	17	97 642	16 787,404	310 004,572	18,466	18,001
41	18	97 508	16 042,433	293 217,167	18,278	17,812
42	19	97 358	15 328,115	277 174,734	18,083	17,617
43	20	97 201	14 644,359	261 846,619	17,880	17,415
44	21	97 033	13 989,576	247 202,260	17,670	17,205
45	22	96 843	13 360,881	233 212,684	17,455	16,989
46	23	96 638	12 758,411	219 851,803	17,232	16,766
47	24	96 410	12 180,208	207 093,392	17,002	16,537
48	25	96 164	11 626,010	194 913,184	16,765	16,300
49	26	95 890	11 093,714	183 287,174	16,522	16,056
50	27	95 588	10 582,459	172 193,461	16,272	15,806
51	28	95 249	10 090,920	161 611,001	16,015	15,550
52	29	94 874	9 618,368	151 520,081	15,753	15,288
53	30	94 457	9 163,696	141 901,713	15,485	15,020
54	31	93 983	8 725,127	132 738,017	15,213	14,748
55	32	93 454	8 302,409	124 012,890	14,937	14,471
56	33	92 870	7 895,208	115 710,481	14,656	14,190
57	34	92 225	7 502,749	107 815,273	14,370	13,904
58	35	91 512	7 124,127	100 312,524	14,081	13,615
59	36	90 728	6 758,955	93 188,396	13,787	13,322
60	37	89 876	6 407,156	86 429,442	13,490	13,024
61	38	88 950	6 068,090	80 022,286	13,187	12,722
62	39	87 934	5 740,482	73 954,196	12,883	12,417
63	40	86 832	5 424,425	68 213,714	12,575	12,110
64	41	85 646	5 119,956	62 789,289	12,264	11,798
65	42	84 363	4 826,075	57 669,333	11,950	11,484
66	43	82 996	4 543,426	52 843,258	11,631	11,165
67	44	81 544	4 271,694	48 299,832	11,307	10,841
68	45	79 999	4 010,286	44 028,138	10,979	10,513
69	46	78 374	3 759,651	40 017,852	10,644	10,178
70	47	76 627	3 517,554	36 258,200	10,308	9,842
71	48	74 815	3 286,498	32 740,646	9,962	9,497
72	49	72 856	3 062,594	29 454,148	9,617	9,152
73	50	70 824	2 848,986	26 391,554	9,263	8,798
74	51	68 660	2 643,024	23 542,568	8,907	8,442
75	52	66 384	2 445,338	20 899,544	8,547	8,081
76	53	64 002	2 256,084	18 454,206	8,180	7,714
77	54	61 465	2 073,341	16 198,122	7,813	7,347
78	55	58 793	1 897,818	14 124,781	7,443	6,977
79	56	55 938	1 727,891	12 226,963	7,076	6,611
80	57	52 925	1 564,421	10 499,072	6,711	6,246
81	58	49 742	1 407,042	8 934,651	6,350	5,884
82	59	46 330	1 254,085	7 527,609	6,002	5,537
83	60	42 762	1 107,651	6 273,524	5,664	5,198
84	61	39 071	968,469	5 165,873	5,334	4,868
85	62	35 275	836,723	4 197,404	5,016	4,551
86	63	31 389	712,478	3 360,681	4,717	4,251
87	64	27 507	597,484	2 648,204	4,432	3,967
88	65	23 695	492,516	2 050,720	4,164	3,698
89	66	20 011	398,024	1 558,204	3,915	3,449
90	67	16 560	315,209	1 160,180	3,681	3,215
91	68	13 425	244,529	844,971	3,456	2,990
92	69	10 640	185,453	600,442	3,238	2,772
93	70	8 147	135,882	414,989	3,054	2,588
94	71	6 086	97,139	279,107	2,873	2,408
95	72	4 382	66,927	181,968	2,719	2,253
96	73	3 064	44,790	115,041	2,568	2,103
97	74	2 042	28,567	70,251	2,459	1,994
98	75	1 331	17,812	41,684	2,340	1,875
99	76	834	10,685	23,872	2,234	1,769
100	77	503	6,165	13,187	2,139	1,674

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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24	0	99 175	34 483,617	712 209,413	20,654	20,188
25	1	98 830	32 883,881	677 725,797	20,610	20,144
26	2	98 763	31 446,250	644 841,915	20,506	20,041
27	3	98 705	30 074,560	613 395,665	20,396	19,930
28	4	98 649	28 763,226	583 321,105	20,280	19,814
29	5	98 592	27 508,640	554 557,879	20,159	19,694
30	6	98 532	26 307,982	527 049,239	20,034	19,568
31	7	98 468	25 158,743	500 741,257	19,903	19,438
32	8	98 403	24 059,407	475 582,514	19,767	19,301
33	9	98 333	23 007,156	451 523,106	19,625	19,160
34	10	98 255	21 998,963	428 515,950	19,479	19,013
35	11	98 174	21 034,208	406 516,987	19,326	18,861
36	12	98 088	20 110,726	385 482,779	19,168	18,702
37	13	97 996	19 226,664	365 372,053	19,003	18,538
38	14	97 890	18 378,962	346 145,390	18,834	18,368
39	15	97 777	17 567,125	327 766,428	18,658	18,192
40	16	97 656	16 789,877	310 199,303	18,475	18,010
41	17	97 521	16 044,618	293 409,426	18,287	17,821
42	18	97 377	15 331,135	277 364,808	18,092	17,626
43	19	97 218	14 646,919	262 033,673	17,890	17,424
44	20	97 051	13 992,163	247 386,754	17,680	17,215
45	21	96 859	13 363,084	233 394,590	17,466	17,000
46	22	96 653	12 760,489	220 031,506	17,243	16,778
47	23	96 427	12 182,401	207 271,018	17,014	16,548
48	24	96 181	11 628,102	195 088,617	16,777	16,312
49	25	95 909	11 095,825	183 460,515	16,534	16,069
50	26	95 605	10 584,451	172 364,690	16,285	15,819
51	27	95 270	10 093,092	161 780,239	16,029	15,563
52	28	94 897	9 620,635	151 687,147	15,767	15,301
53	29	94 481	9 166,068	142 066,512	15,499	15,034
54	30	94 013	8 727,895	132 900,444	15,227	14,761
55	31	93 484	8 305,017	124 172,549	14,952	14,486
56	32	92 902	7 897,914	115 867,533	14,671	14,205
57	33	92 258	7 505,454	107 969,619	14,385	13,920
58	34	91 549	7 127,021	100 464,165	14,096	13,631
59	35	90 765	6 761,741	93 337,144	13,804	13,338
60	36	89 917	6 410,095	86 575,402	13,506	13,040
61	37	88 992	6 070,972	80 165,308	13,205	12,739
62	38	87 987	5 743,947	74 094,336	12,900	12,434
63	39	86 884	5 427,688	68 350,389	12,593	12,127
64	40	85 705	5 123,470	62 922,701	12,281	11,816
65	41	84 426	4 829,650	57 799,232	11,968	11,502
66	42	83 062	4 547,035	52 969,581	11,649	11,184
67	43	81 618	4 275,577	48 422,546	11,325	10,860
68	44	80 076	4 014,182	44 146,970	10,998	10,532
69	45	78 464	3 763,988	40 132,788	10,662	10,197
70	46	76 720	3 521,842	36 368,799	10,327	9,861
71	47	74 918	3 291,008	32 846,957	9,981	9,515
72	48	72 972	3 067,484	29 555,950	9,635	9,170
73	49	70 948	2 853,975	26 488,466	9,281	8,816
74	50	68 788	2 647,931	23 634,491	8,926	8,460
75	51	66 526	2 450,589	20 986,560	8,564	8,098
76	52	64 152	2 261,360	18 535,971	8,197	7,731
77	53	61 623	2 078,679	16 274,611	7,829	7,364
78	54	58 963	1 903,316	14 195,932	7,459	6,993
79	55	56 120	1 733,517	12 292,616	7,091	6,626
80	56	53 114	1 570,037	10 559,099	6,725	6,260
81	57	49 938	1 412,585	8 989,063	6,364	5,898
82	58	46 532	1 259,563	7 576,477	6,015	5,550
83	59	42 964	1 112,889	6 316,914	5,676	5,211
84	60	39 278	973,605	5 204,025	5,345	4,879
85	61	35 477	841,508	4 230,420	5,027	4,562
86	62	31 582	716,875	3 388,912	4,727	4,262
87	63	27 694	601,544	2 672,037	4,442	3,976
88	64	23 873	496,224	2 070,493	4,172	3,707
89	65	20 171	401,222	1 574,269	3,924	3,458
90	66	16 707	317,995	1 173,047	3,689	3,223
91	67	13 553	246,870	855,052	3,464	2,998
92	68	10 752	187,415	608,182	3,245	2,780
93	69	8 242	137,470	420,768	3,061	2,595
94	70	6 164	98,378	283,298	2,880	2,414
95	71	4 443	67,857	184,919	2,725	2,260
96	72	3 110	45,464	117,063	2,575	2,109
97	73	2 077	29,044	71,599	2,465	2,000
98	74	1 355	18,136	42,555	2,346	1,881
99	75	851	10,894	24,419	2,241	1,776
100	76	514	6,300	13,525	2,147	1,681

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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25	0	99 128	32 983,006	678 036,940	20,557	20,092
26	1	98 787	31 454,049	645 053,934	20,508	20,042
27	2	98 717	30 078,297	613 599,885	20,400	19,934
28	3	98 659	28 766,192	583 521,588	20,285	19,819
29	4	98 601	27 511,273	554 755,396	20,165	19,699
30	5	98 541	26 310,326	527 244,123	20,039	19,574
31	6	98 476	25 160,969	500 933,797	19,909	19,444
32	7	98 407	24 060,525	475 772,828	19,774	19,308
33	8	98 340	23 008,760	451 712,303	19,632	19,167
34	9	98 261	22 000,308	428 703,543	19,486	19,021
35	10	98 180	21 035,439	406 703,235	19,334	18,869
36	11	98 095	20 112,281	385 667,796	19,176	18,710
37	12	98 003	19 228,173	365 555,515	19,011	18,546
38	13	97 900	18 380,693	346 327,342	18,842	18,376
39	14	97 786	17 568,745	327 946,649	18,666	18,201
40	15	97 668	16 791,920	310 377,903	18,484	18,018
41	16	97 535	16 046,981	293 585,983	18,295	17,830
42	17	97 391	15 333,223	277 539,002	18,101	17,635
43	18	97 237	14 649,805	262 205,779	17,898	17,433
44	19	97 068	13 994,609	247 555,974	17,689	17,224
45	20	96 877	13 365,555	233 561,365	17,475	17,009
46	21	96 669	12 762,593	220 195,810	17,253	16,788
47	22	96 443	12 184,384	207 433,216	17,025	16,559
48	23	96 199	11 630,195	195 248,832	16,788	16,322
49	24	95 926	11 097,821	183 618,637	16,545	16,080
50	25	95 624	10 586,465	172 520,816	16,296	15,831
51	26	95 288	10 094,992	161 934,351	16,041	15,575
52	27	94 917	9 622,706	151 839,359	15,779	15,314
53	28	94 504	9 168,228	142 216,653	15,512	15,046
54	29	94 038	8 730,154	133 048,425	15,240	14,774
55	30	93 513	8 307,651	124 318,271	14,964	14,499
56	31	92 931	7 900,395	116 010,619	14,684	14,219
57	32	92 290	7 508,026	108 110,225	14,399	13,934
58	33	91 582	7 129,590	100 602,198	14,111	13,645
59	34	90 802	6 764,488	93 472,608	13,818	13,353
60	35	89 954	6 412,738	86 708,121	13,521	13,056
61	36	89 033	6 073,757	80 295,383	13,220	12,754
62	37	88 029	5 746,675	74 221,627	12,916	12,450
63	38	86 937	5 430,964	68 474,952	12,608	12,143
64	39	85 757	5 126,551	63 043,988	12,298	11,832
65	40	84 484	4 832,964	57 917,437	11,984	11,518
66	41	83 124	4 550,404	53 084,472	11,666	11,200
67	42	81 683	4 278,973	48 534,069	11,342	10,877
68	43	80 149	4 017,830	44 255,095	11,015	10,549
69	44	78 541	3 767,645	40 237,265	10,680	10,214
70	45	76 809	3 525,905	36 469,620	10,343	9,878
71	46	75 009	3 295,019	32 943,715	9,998	9,532
72	47	73 072	3 071,693	29 648,696	9,652	9,187
73	48	71 061	2 858,531	26 577,003	9,297	8,832
74	49	68 908	2 652,568	23 718,471	8,942	8,476
75	50	66 650	2 455,139	21 065,903	8,580	8,115
76	51	64 289	2 266,216	18 610,765	8,212	7,747
77	52	61 767	2 083,540	16 344,549	7,845	7,379
78	53	59 115	1 908,216	14 261,009	7,473	7,008
79	54	56 282	1 738,539	12 352,794	7,105	6,640
80	55	53 287	1 575,149	10 614,255	6,739	6,273
81	56	50 118	1 417,656	9 039,106	6,376	5,910
82	57	46 716	1 264,525	7 621,450	6,027	5,562
83	58	43 152	1 117,750	6 356,924	5,687	5,222
84	59	39 464	978,209	5 239,174	5,356	4,890
85	60	35 665	845,971	4 260,965	5,037	4,571
86	61	31 763	720,975	3 414,994	4,737	4,271
87	62	27 865	605,257	2 694,019	4,451	3,985
88	63	24 035	499,596	2 088,762	4,181	3,715
89	64	20 323	404,243	1 589,167	3,931	3,466
90	65	16 841	320,550	1 184,924	3,697	3,231
91	66	13 673	249,052	864,374	3,471	3,005
92	67	10 855	189,209	615,322	3,252	2,786
93	68	8 329	138,924	426,113	3,067	2,602
94	69	6 236	99,529	287,189	2,885	2,420
95	70	4 499	68,722	187,661	2,731	2,265
96	71	3 154	46,095	118,938	2,580	2,115
97	72	2 108	29,481	72,843	2,471	2,005
98	73	1 378	18,439	43,362	2,352	1,886
99	74	866	11,092	24,924	2,247	1,781
100	75	524	6,424	13,831	2,153	1,687

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	2 101 135,441	21,011	20,545	50	50	94 053	9 239,943	137 051,062	14,832	14,366
1	1	99 344	94 839,437	2 001 135,441	21,100	20,634	51	51	93 566	8 775,332	127 811,119	14,565	14,099
2	2	99 292	90 491,373	1 906 296,004	21,066	20,600	52	52	93 020	8 328,509	119 035,787	14,293	13,827
3	3	99 264	86 363,730	1 815 804,631	21,025	20,559	53	53	92 419	7 899,449	110 707,278	14,015	13,549
4	4	99 243	82 429,991	1 729 440,901	20,981	20,515	54	54	91 749	7 486,543	102 807,829	13,732	13,266
5	5	99 223	78 676,204	1 647 010,909	20,934	20,468	55	55	90 997	7 088,527	95 321,286	13,447	12,981
6	6	99 204	75 094,312	1 568 334,706	20,885	20,419	56	56	90 166	6 705,247	88 232,759	13,159	12,693
7	7	99 187	71 676,223	1 493 240,394	20,833	20,367	57	57	89 251	6 336,277	81 527,512	12,867	12,401
8	8	99 174	68 416,916	1 421 564,171	20,778	20,312	58	58	88 249	5 981,036	75 191,235	12,572	12,106
9	9	99 158	65 304,342	1 353 147,255	20,721	20,255	59	59	87 149	5 638,616	69 210,199	12,274	11,808
10	10	99 144	62 334,245	1 287 842,913	20,660	20,194	60	60	85 963	5 309,712	63 571,583	11,973	11,507
11	11	99 130	59 499,437	1 225 508,667	20,597	20,131	61	61	84 669	4 992,622	58 261,872	11,670	11,204
12	12	99 115	56 792,584	1 166 009,230	20,531	20,065	62	62	83 277	4 687,842	53 269,249	11,363	10,897
13	13	99 101	54 209,274	1 109 216,646	20,462	19,996	63	63	81 777	4 394,702	48 581,407	11,055	10,589
14	14	99 082	51 741,260	1 055 007,372	20,390	19,924	64	64	80 171	4 113,023	44 186,705	10,743	10,277
15	15	99 059	49 383,743	1 003 266,112	20,316	19,850	65	65	78 438	3 841,628	40 073,682	10,431	9,965
16	16	99 031	47 131,112	953 882,369	20,239	19,773	66	66	76 613	3 582,089	36 232,054	10,115	9,649
17	17	98 992	44 976,144	906 751,257	20,161	19,695	67	67	74 681	3 333,403	32 649,964	9,795	9,329
18	18	98 951	42 919,011	861 775,113	20,079	19,613	68	68	72 641	3 095,346	29 316,561	9,471	9,005
19	19	98 894	40 949,034	818 856,102	19,997	19,531	69	69	70 502	2 867,975	26 221,215	9,143	8,677
20	20	98 837	39 069,781	777 907,068	19,911	19,445	70	70	68 217	2 649,187	23 353,240	8,815	8,349
21	21	98 777	37 275,121	738 837,288	19,821	19,355	71	71	65 856	2 441,499	20 704,053	8,480	8,014
22	22	98 720	35 564,554	701 562,167	19,726	19,260	72	72	63 353	2 242,209	18 262,554	8,145	7,679
23	23	98 659	33 930,914	665 997,613	19,628	19,162	73	73	60 780	2 053,607	16 020,345	7,801	7,335
24	24	98 601	32 373,188	632 066,699	19,524	19,058	74	74	58 064	1 872,869	13 966,738	7,457	6,991
25	25	98 537	30 884,957	599 693,511	19,417	18,951	75	75	55 255	1 701,452	12 093,869	7,108	6,642
26	26	98 475	29 465,928	568 808,555	19,304	18,838	76	76	52 370	1 539,499	10 392,416	6,751	6,285
27	27	98 411	28 111,565	539 342,627	19,186	18,720	77	77	49 336	1 384,540	8 852,917	6,394	5,928
28	28	98 344	26 818,650	511 231,062	19,063	18,597	78	78	46 202	1 237,793	7 468,377	6,034	5,568
29	29	98 274	25 584,086	484 412,412	18,934	18,468	79	79	42 891	1 096,975	6 230,584	5,680	5,214
30	30	98 197	24 404,891	458 828,326	18,801	18,335	80	80	39 447	963,142	5 133,609	5,330	4,864
31	31	98 111	23 277,761	434 423,435	18,663	18,197	81	81	35 864	835,955	4 170,467	4,989	4,523
32	32	98 019	22 201,547	411 145,674	18,519	18,053	82	82	32 118	714,690	3 334,512	4,666	4,200
33	33	97 924	21 174,099	388 944,127	18,369	17,903	83	83	28 314	601,468	2 619,822	4,356	3,890
34	34	97 817	20 191,869	367 770,028	18,214	17,748	84	84	24 532	497,507	2 018,354	4,057	3,591
35	35	97 702	19 253,593	347 578,159	18,053	17,587	85	85	20 824	403,153	1 520,847	3,772	3,306
36	36	97 583	18 358,204	328 324,566	17,884	17,418	86	86	17 225	318,352	1 117,694	3,511	3,045
37	37	97 455	17 502,640	309 966,362	17,710	17,244	87	87	13 872	244,766	799,342	3,266	2,800
38	38	97 313	16 684,669	292 463,722	17,529	17,063	88	88	10 836	182,530	554,576	3,038	2,572
39	39	97 150	15 901,480	275 779,054	17,343	16,877	89	89	8 172	131,400	372,047	2,831	2,365
40	40	96 984	15 154,385	259 877,573	17,149	16,683	90	90	5 939	91,165	240,647	2,640	2,174
41	41	96 797	14 439,379	244 723,188	16,948	16,482	91	91	4 144	60,725	149,482	2,462	1,996
42	42	96 597	13 756,033	230 283,810	16,741	16,275	92	92	2 762	38,647	88,757	2,297	1,831
43	43	96 381	13 102,922	216 527,777	16,525	16,059	93	93	1 739	23,221	50,110	2,158	1,692
44	44	96 145	12 478,155	203 424,854	16,302	15,836	94	94	1 041	13,267	26,889	2,027	1,561
45	45	95 879	11 879,360	190 946,700	16,074	15,608	95	95	585	7,117	13,622	1,914	1,448
46	46	95 581	11 305,423	179 067,340	15,839	15,373	96	96	310	3,604	6,505	1,805	1,339
47	47	95 257	10 756,136	167 761,916	15,597	15,131	97	97	150	1,666	2,901	1,742	1,276
48	48	94 901	10 230,036	157 005,780	15,348	14,882	98	98	70	0,739	1,235	1,671	1,205
49	49	94 498	9 724,683	146 775,745	15,093	14,627	99	99	31	0,310	0,496	1,600	1,134
							100	100	13	0,121	0,186	1,539	1,073

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 699	99 699,466	2 099 227,826	21,056	20,590	50	51	93 878	9 222,819	135 854,319	14,730	14,264
1	2	99 320	94 815,922	1 999 528,360	21,089	20,623	51	52	93 366	8 756,529	126 631,500	14,461	13,995
2	3	99 280	90 480,132	1 904 712,438	21,051	20,585	52	53	92 803	8 309,078	117 874,971	14,186	13,720
3	4	99 254	86 354,824	1 814 232,306	21,009	20,543	53	54	92 182	7 879,166	109 565,892	13,906	13,440
4	5	99 234	82 422,104	1 727 877,482	20,964	20,498	54	55	91 483	7 464,917	101 686,727	13,622	13,156
5	6	99 214	78 669,195	1 645 455,378	20,916	20,450	55	56	90 702	7 065,521	94 221,809	13,335	12,869
6	7	99 196	75 087,670	1 566 786,183	20,866	20,400	56	57	89 843	6 681,262	87 156,288	13,045	12,579
7	8	99 182	71 672,893	1 491 698,513	20,813	20,347	57	58	88 901	6 311,413	80 475,026	12,751	12,285
8	9	99 167	68 412,148	1 420 025,620	20,757	20,291	58	59	87 865	5 955,022	74 163,613	12,454	11,988
9	10	99 152	65 300,347	1 351 613,472	20,698	20,232	59	60	86 738	5 612,079	68 208,591	12,154	11,688
10	11	99 138	62 330,599	1 286 313,125	20,637	20,171	60	61	85 510	5 281,698	62 596,512	11,852	11,386
11	12	99 123	59 494,836	1 223 982,526	20,573	20,107	61	62	84 188	4 964,235	57 314,815	11,546	11,080
12	13	99 107	56 788,124	1 164 487,690	20,506	20,040	62	63	82 766	4 659,085	52 350,580	11,236	10,770
13	14	99 091	54 204,167	1 107 699,565	20,436	19,970	63	64	81 226	4 365,042	47 691,495	10,926	10,460
14	15	99 073	51 736,489	1 053 495,398	20,363	19,897	64	65	79 572	4 082,288	43 326,452	10,613	10,147
15	16	99 047	49 377,734	1 001 758,909	20,288	19,822	65	66	77 813	3 811,009	39 244,164	10,298	9,832
16	17	99 017	47 124,173	952 381,175	20,210	19,744	66	67	75 942	3 550,703	35 433,156	9,979	9,513
17	18	98 979	44 970,020	905 257,002	20,130	19,664	67	68	73 972	3 301,795	31 882,453	9,656	9,190
18	19	98 932	42 910,555	860 286,983	20,048	19,582	68	69	71 881	3 062,951	28 580,658	9,331	8,865
19	20	98 877	40 941,876	817 376,427	19,964	19,498	69	70	69 688	2 834,837	25 517,706	9,001	8,535
20	21	98 819	39 062,557	776 434,551	19,877	19,411	70	71	67 358	2 615,810	22 682,870	8,671	8,205
21	22	98 760	37 268,974	737 371,993	19,785	19,319	71	72	64 953	2 408,046	20 067,059	8,333	7,867
22	23	98 704	35 558,764	700 103,019	19,689	19,223	72	73	62 414	2 208,994	17 659,013	7,994	7,528
23	24	98 642	33 924,808	664 544,255	19,589	19,123	73	74	59 782	2 019,895	15 450,019	7,649	7,183
24	25	98 583	32 367,362	630 619,448	19,483	19,017	74	75	57 028	1 839,451	13 430,125	7,301	6,835
25	26	98 518	30 879,082	598 252,086	19,374	18,908	75	76	54 192	1 668,731	11 590,674	6,946	6,480
26	27	98 456	29 460,382	567 373,004	19,259	18,793	76	77	51 241	1 506,299	9 921,942	6,587	6,121
27	28	98 390	28 105,516	537 912,621	19,139	18,673	77	78	48 162	1 351,592	8 415,644	6,226	5,760
28	29	98 321	26 812,330	509 807,106	19,014	18,548	78	79	44 934	1 203,818	7 064,051	5,868	5,402
29	30	98 248	25 577,466	482 994,775	18,884	18,418	79	80	41 544	1 062,514	5 860,233	5,515	5,049
30	31	98 166	24 397,151	457 417,310	18,749	18,283	80	81	38 009	928,025	4 797,719	5,170	4,704
31	32	98 080	23 270,452	433 020,158	18,608	18,142	81	82	34 334	800,282	3 869,694	4,835	4,369
32	33	97 986	22 193,940	409 749,706	18,462	17,996	82	83	30 532	679,400	3 069,413	4,518	4,052
33	34	97 888	21 166,470	387 555,766	18,310	17,844	83	84	26 708	567,358	2 390,013	4,213	3,747
34	35	97 777	20 183,671	366 389,297	18,153	17,687	84	85	22 934	465,088	1 822,655	3,919	3,453
35	36	97 662	19 245,658	346 205,626	17,989	17,523	85	86	19 239	372,463	1 357,567	3,645	3,179
36	37	97 539	18 349,786	326 959,968	17,818	17,352	86	87	15 723	290,598	985,104	3,390	2,924
37	38	97 408	17 494,332	308 610,181	17,641	17,175	87	88	12 486	220,303	694,506	3,153	2,687
38	39	97 254	16 674,604	291 115,849	17,459	16,993	88	89	9 599	161,684	474,204	2,933	2,467
39	40	97 092	15 891,921	274 441,246	17,269	16,803	89	90	7 113	114,381	312,520	2,732	2,266
40	41	96 917	15 143,994	258 549,324	17,073	16,607	90	91	5 063	77,720	198,138	2,549	2,083
41	42	96 726	14 428,690	243 405,331	16,870	16,404	91	92	3 449	50,545	120,418	2,382	1,916
42	43	96 520	13 745,114	228 976,641	16,659	16,193	92	93	2 244	31,401	69,873	2,225	1,759
43	44	96 293	13 091,024	215 231,527	16,441	15,975	93	94	1 375	18,368	38,472	2,095	1,628
44	45	96 052	12 466,044	202 140,503	16,215	15,749	94	95	801	10,213	20,104	1,968	1,502
45	46	95 769	11 865,672	189 674,459	15,985	15,519	95	96	437	5,318	9,891	1,860	1,394
46	47	95 465	11 291,659	177 808,787	15,747	15,281	96	97	222	2,575	4,572	1,776	1,310
47	48	95 126	10 741,397	166 517,128	15,502	15,036	97	98	105	1,167	1,998	1,711	1,245
48	49	94 750	10 213,728	155 775,731	15,252	14,786	98	99	48	0,508	0,830	1,635	1,169
49	50	94 333	9 707,684	145 562,003	14,995	14,529	99	100	20	0,205	0,322	1,570	1,104

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 675	99 674,746	2 097 486,638	21,043	20,577
1	3	99 307	94 804,144	1 997 811,891	21,073	20,607
2	4	99 270	90 470,801	1 903 007,748	21,034	20,568
3	5	99 245	86 346,561	1 812 536,947	20,991	20,525
4	6	99 225	82 414,762	1 726 190,386	20,945	20,479
5	7	99 206	78 662,236	1 643 775,624	20,897	20,431
6	8	99 191	75 084,181	1 565 113,388	20,845	20,379
7	9	99 175	71 667,899	1 490 029,207	20,791	20,325
8	10	99 161	68 407,963	1 418 361,308	20,734	20,268
9	11	99 146	65 296,527	1 349 953,345	20,674	20,208
10	12	99 131	62 325,779	1 284 656,818	20,612	20,146
11	13	99 115	59 490,164	1 222 331,038	20,547	20,081
12	14	99 098	56 782,774	1 162 840,874	20,479	20,013
13	15	99 082	54 199,169	1 106 058,100	20,407	19,941
14	16	99 061	51 730,194	1 051 858,931	20,334	19,868
15	17	99 032	49 370,463	1 000 128,736	20,258	19,792
16	18	99 003	47 117,756	950 758,273	20,178	19,712
17	19	98 959	44 961,160	903 640,517	20,098	19,632
18	20	98 915	42 903,055	858 679,357	20,014	19,548
19	21	98 859	40 934,307	815 776,302	19,929	19,463
20	22	98 803	39 056,116	774 841,995	19,839	19,373
21	23	98 744	37 262,906	735 785,879	19,746	19,280
22	24	98 686	35 552,365	698 522,972	19,648	19,182
23	25	98 624	33 918,703	662 970,608	19,546	19,080
24	26	98 565	32 361,205	629 051,905	19,438	18,972
25	27	98 499	30 873,271	596 690,699	19,327	18,861
26	28	98 435	29 454,043	565 817,429	19,210	18,744
27	29	98 367	28 098,893	536 363,386	19,088	18,622
28	30	98 296	26 805,392	508 264,493	18,961	18,495
29	31	98 217	25 569,354	481 459,101	18,830	18,364
30	32	98 135	24 389,491	455 889,747	18,692	18,226
31	33	98 046	23 262,479	431 500,256	18,549	18,083
32	34	97 951	22 185,943	408 237,777	18,401	17,935
33	35	97 849	21 157,876	386 051,834	18,246	17,780
34	36	97 737	20 175,353	364 893,958	18,086	17,620
35	37	97 617	19 236,834	344 718,605	17,920	17,454
36	38	97 492	18 341,076	325 481,771	17,746	17,280
37	39	97 350	17 483,779	307 140,695	17,567	17,101
38	40	97 196	16 664,580	289 656,916	17,382	16,916
39	41	97 025	15 881,024	272 992,337	17,190	16,724
40	42	96 846	15 132,783	257 111,312	16,990	16,524
41	43	96 649	14 417,237	241 978,529	16,784	16,318
42	44	96 432	13 732,633	227 561,293	16,571	16,105
43	45	96 200	13 078,318	213 828,660	16,350	15,884
44	46	95 941	12 451,680	200 750,342	16,122	15,656
45	47	95 652	11 851,226	188 298,662	15,889	15,423
46	48	95 334	11 276,186	176 447,436	15,648	15,182
47	49	94 975	10 724,275	165 171,251	15,402	14,936
48	50	94 584	10 195,874	154 446,976	15,148	14,682
49	51	94 158	9 689,694	144 251,102	14,887	14,421
50	52	93 677	9 203,057	134 561,408	14,621	14,155
51	53	93 148	8 736,101	125 358,351	14,349	13,883
52	54	92 565	8 287,743	116 622,250	14,072	13,606
53	55	91 915	7 856,405	108 334,507	13,789	13,323
54	56	91 187	7 440,690	100 478,102	13,504	13,038
55	57	90 377	7 040,248	93 037,411	13,215	12,749
56	58	89 490	6 655,044	85 997,163	12,922	12,456
57	59	88 514	6 283,962	79 342,119	12,626	12,160
58	60	87 452	5 926,996	73 058,158	12,326	11,860
59	61	86 281	5 582,470	67 131,162	12,025	11,559
60	62	85 024	5 251,667	61 548,692	11,720	11,254
61	63	83 671	4 933,782	56 297,026	11,411	10,945
62	64	82 207	4 627,641	51 363,243	11,099	10,633
63	65	80 619	4 332,424	46 735,602	10,787	10,321
64	66	78 938	4 049,750	42 403,178	10,471	10,005
65	67	77 131	3 777,616	38 353,428	10,153	9,687
66	68	75 222	3 517,034	34 575,812	9,831	9,365
67	69	73 198	3 267,240	31 058,777	9,506	9,040
68	70	71 050	3 027,560	27 791,538	9,180	8,714
69	71	68 810	2 799,121	24 763,978	8,847	8,381
70	72	66 435	2 579,969	21 964,857	8,514	8,048
71	73	63 991	2 372,375	19 384,887	8,171	7,705
72	74	61 390	2 172,730	17 012,513	7,830	7,364
73	75	58 716	1 983,853	14 839,783	7,480	7,014
74	76	55 931	1 804,076	12 855,929	7,126	6,660
75	77	53 024	1 632,743	11 051,853	6,769	6,303
76	78	50 022	1 470,454	9 419,110	6,406	5,940
77	79	46 840	1 314,494	7 948,656	6,047	5,581
78	80	43 522	1 166,001	6 634,162	5,690	5,224
79	81	40 029	1 023,773	5 468,161	5,341	4,875
80	82	36 387	888,422	4 444,388	5,003	4,537
81	83	32 638	760,765	3 555,966	4,674	4,208
82	84	28 801	640,870	2 795,201	4,362	3,896
83	85	24 968	530,387	2 154,331	4,062	3,596
84	86	21 188	429,683	1 623,944	3,779	3,313
85	87	17 561	339,992	1 194,261	3,513	3,047
86	88	14 152	261,554	854,269	3,266	2,800
87	89	11 060	195,144	592,715	3,037	2,571
88	90	8 356	140,743	397,572	2,825	2,359
89	91	6 064	97,513	256,828	2,634	2,168
90	92	4 214	64,692	159,316	2,463	1,997
91	93	2 802	41,068	94,624	2,304	1,838
92	94	1 775	24,839	53,556	2,156	1,690
93	95	1 059	14,140	28,717	2,031	1,565
94	96	599	7,632	14,577	1,910	1,444
95	97	312	3,799	6,945	1,828	1,362
96	98	155	1,805	3,146	1,743	1,277
97	99	72	0,802	1,341	1,673	1,207
98	100	32	0,337	0,539	1,602	1,136

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 662	99 662,364	2 095 628,756	21,027	20,561
1	4	99 297	94 794,367	1 995 966,392	21,056	20,590
2	5	99 260	90 462,144	1 901 172,025	21,016	20,550
3	6	99 236	86 338,869	1 810 709,881	20,972	20,506
4	7	99 216	82 407,472	1 724 371,012	20,925	20,459
5	8	99 201	78 658,582	1 641 963,541	20,875	20,409
6	9	99 184	75 078,949	1 563 304,959	20,822	20,356
7	10	99 169	71 663,515	1 488 226,010	20,767	20,301
8	11	99 155	68 403,962	1 416 562,495	20,709	20,243
9	12	99 139	65 291,478	1 348 158,534	20,648	20,182
10	13	99 123	62 320,885	1 282 867,056	20,585	20,119
11	14	99 106	59 484,560	1 220 546,170	20,519	20,053
12	15	99 089	56 777,538	1 161 061,611	20,449	19,983
13	16	99 070	54 192,575	1 104 284,072	20,377	19,911
14	17	99 046	51 722,577	1 050 091,497	20,302	19,836
15	18	99 019	49 363,741	998 368,920	20,225	19,759
16	19	98 984	47 108,473	949 005,179	20,145	19,679
17	20	98 942	44 953,301	901 896,706	20,063	19,597
18	21	98 896	42 895,123	856 943,405	19,978	19,512
19	22	98 842	40 927,557	814 048,282	19,890	19,424
20	23	98 787	39 049,757	773 120,724	19,798	19,332
21	24	98 726	37 256,200	734 070,967	19,703	19,237
22	25	98 669	35 545,967	696 814,767	19,603	19,137
23	26	98 605	33 912,251	661 268,799	19,499	19,033
24	27	98 546	32 355,115	627 356,548	19,390	18,924
25	28	98 478	30 866,627	595 001,433	19,277	18,811
26	29	98 412	29 447,102	564 134,806	19,158	18,692
27	30	98 341	28 091,622	534 687,704	19,034	18,568
28	31	98 265	26 796,891	506 596,082	18,905	18,439
29	32	98 186	25 561,326	479 799,191	18,771	18,305
30	33	98 101	24 381,134	454 237,865	18,631	18,165
31	34	98 011	23 254,097	429 856,731	18,485	18,019
32	35	97 911	22 176,935	406 602,635	18,334	17,868
33	36	97 808	21 149,156	384 425,699	18,177	17,711
34	37	97 692	20 166,102	363 276,543	18,014	17,548
35	38	97 570	19 227,703	343 110,441	17,845	17,379
36	39	97 433	18 330,012	323 882,738	17,670	17,204
37	40	97 291	17 473,268	305 552,725	17,487	17,021
38	41	97 129	16 653,153	288 079,457	17,299	16,833
39	42	96 954	15 869,268	271 426,304	17,104	16,638
40	43	96 769	15 120,771	255 557,036	16,901	16,435
41	44	96 561	14 404,145	240 436,265	16,692	16,226
42	45	96 339	13 719,304	226 032,120	16,475	16,009
43	46	96 089	13 063,249	212 312,816	16,253	15,787
44	47	95 824	12 436,520	199 249,567	16,021	15,555
45	48	95 521	11 834,986	186 813,047	15,785	15,319
46	49	95 182	11 258,211	174 978,061	15,542	15,076
47	50	94 809	10 705,528	163 719,850	15,293	14,827
48	51	94 409	10 176,979	153 014,323	15,035	14,569
49	52	93 956	9 668,931	142 837,344	14,773	14,307
50	53	93 459	9 181,587	133 168,412	14,504	14,038
51	54	92 909	8 713,669	123 986,825	14,229	13,763
52	55	92 297	8 263,803	115 273,156	13,949	13,483
53	56	91 617	7 830,908	107 009,353	13,665	13,199
54	57	90 860	7 414,075	99 178,445	13,377	12,911
55	58	90 023	7 012,621	91 764,370	13,086	12,620
56	59	89 101	6 626,099	84 751,749	12,791	12,325
57	60	88 098	6 254,387	78 125,651	12,491	12,025
58	61	86 990	5 895,725	71 871,263	12,190	11,724
59	62	85 790	5 550,728	65 975,538	11,886	11,420
60	63	84 502	5 219,451	60 424,810	11,577	11,111
61	64	83 106	4 900,485	55 205,359	11,265	10,799
62	65	81 593	4 593,061	50 304,875	10,952	10,486
63	66	79 976	4 297,892	45 711,814	10,636	10,170
64	67	78 246	4 014,266	41 413,922	10,317	9,851
65	68	76 400	3 741,796	37 399,656	9,995	9,529
66	69	74 434	3 480,226	33 657,860	9,671	9,205
67	70	72 353	3 229,488	30 177,634	9,344	8,878
68	71	70 155	2 989,417	26 948,146	9,015	8,549
69	72	67 867	2 760,768	23 958,729	8,678	8,212
70	73	65 451	2 541,750	21 197,961	8,340	7,874
71	74	62 941	2 333,429	18 656,210	7,995	7,529
72	75	60 294	2 133,962	16 322,781	7,649	7,183
73	76	57 586	1 945,701	14 188,819	7,292	6,826
74	77	54 725	1 765,169	12 243,118	6,936	6,470
75	78	51 762	1 593,890	10 477,949	6,574	6,108
76	79	48 649	1 430,093	8 884,059	6,212	5,746
77	80	45 369	1 273,200	7 453,966	5,855	5,389
78	81	41 936	1 123,487	6 180,766	5,501	5,035
79	82	38 321	980,085	5 057,279	5,160	4,694
80	83	34 590	844,553	4 077,195	4,828	4,362
81	84	30 787	717,620	3 232,642	4,505	4,039
82	85	26 924	599,109	2 515,021	4,198	3,732
83	86	23 067	490,011	1 915,912	3,910	3,444
84	87	19 341	392,223	1 425,901	3,635	3,169
85	88	15 806	306,011	1 033,677	3,378	2,912
86	89	12 536	231,684	727,666	3,141	2,675
87	90	9 628	169,869	495,982	2,920	2,454
88	91	7 123	119,987	326,113	2,718	2,252
89	92	5 048	81,166	206,126	2,540	2,074
90	93	3 424	52,562	124,960	2,377	1,911
91	94	2 217	32,486	72,398	2,229	1,763
92	95	1 367	19,122	39,912	2,087	1,621
93	96	791	10,566	20,791	1,968	1,502
94	97	428	5,452	10,225	1,876	1,410
95	98	219	2,663	4,773	1,792	1,326
96	99	107	1,240	2,110	1,702	1,236
97	100	48	0,532	0,870	1,637	1,171

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 652	99 652,086	2 093 633,854	21,009	20,543
1	5	99 288	94 785,296	1 993 981,768	21,037	20,571
2	6	99 251	90 454,086	1 899 196,472	20,996	20,530
3	7	99 227	86 331,231	1 808 742,386	20,951	20,485
4	8	99 212	82 403,643	1 722 411,155	20,902	20,436
5	9	99 194	78 653,100	1 640 007,512	20,851	20,385
6	10	99 178	75 074,356	1 561 354,411	20,797	20,331
7	11	99 163	71 659,323	1 486 280,055	20,741	20,275
8	12	99 147	68 398,672	1 414 620,732	20,682	20,216
9	13	99 131	65 286,351	1 346 222,060	20,620	20,154
10	14	99 114	62 315,014	1 280 935,709	20,556	20,090
11	15	99 097	59 479,075	1 218 620,695	20,488	20,022
12	16	99 077	56 770,630	1 159 141,620	20,418	19,952
13	17	99 055	54 184,595	1 102 370,990	20,345	19,879
14	18	99 032	51 715,535	1 048 186,395	20,268	19,802
15	19	98 999	49 354,016	996 470,860	20,190	19,724
16	20	98 966	47 100,239	947 116,845	20,109	19,643
17	21	98 924	44 944,990	900 016,606	20,025	19,559
18	22	98 880	42 888,050	855 071,615	19,937	19,471
19	23	98 826	40 920,894	812 183,566	19,848	19,382
20	24	98 769	39 042,730	771 262,672	19,754	19,288
21	25	98 709	37 249,497	732 219,942	19,657	19,191
22	26	98 650	35 539,206	694 970,445	19,555	19,089
23	27	98 587	33 905,869	659 431,240	19,449	18,983
24	28	98 525	32 348,153	625 525,371	19,337	18,871
25	29	98 455	30 859,354	593 177,218	19,222	18,756
26	30	98 386	29 439,482	562 317,864	19,101	18,635
27	31	98 310	28 082,713	532 878,382	18,975	18,509
28	32	98 234	26 788,477	504 795,669	18,844	18,378
29	33	98 153	25 552,567	478 007,192	18,707	18,241
30	34	98 066	24 372,349	452 454,625	18,564	18,098
31	35	97 971	23 244,656	428 082,276	18,416	17,950
32	36	97 870	22 167,796	404 837,620	18,262	17,796
33	37	97 764	21 139,459	382 669,824	18,102	17,636
34	38	97 646	20 156,530	361 530,365	17,936	17,470
35	39	97 512	19 216,104	341 373,835	17,765	17,299
36	40	97 375	18 318,993	322 157,731	17,586	17,120
37	41	97 224	17 461,287	303 838,738	17,401	16,935
38	42	97 057	16 640,825	286 377,451	17,209	16,743
39	43	96 877	15 856,672	269 736,626	17,011	16,545
40	44	96 681	15 107,041	253 879,954	16,805	16,339
41	45	96 468	14 390,165	238 772,913	16,593	16,127
42	46	96 228	13 703,496	224 382,749	16,374	15,908
43	47	95 972	13 047,344	210 679,252	16,147	15,681
44	48	95 693	12 419,478	197 631,908	15,913	15,447
45	49	95 369	11 816,120	185 212,431	15,675	15,209
46	50	95 016	11 238,531	173 396,310	15,429	14,963
47	51	94 633	10 685,688	162 157,779	15,175	14,709
48	52	94 206	10 155,173	151 472,091	14,916	14,450
49	53	93 737	9 646,374	141 316,918	14,650	14,184
50	54	93 219	9 158,012	131 670,544	14,378	13,912
51	55	92 640	8 688,498	122 512,532	14,101	13,635
52	56	91 998	8 236,983	113 824,034	13,819	13,353
53	57	91 289	7 802,897	105 587,051	13,532	13,066
54	58	90 504	7 384,981	97 784,154	13,241	12,775
55	59	89 631	6 982,120	90 399,173	12,947	12,481
56	60	88 682	6 594,914	83 417,053	12,649	12,183
57	61	87 633	6 221,389	76 822,139	12,348	11,882
58	62	86 496	5 862,203	70 600,750	12,043	11,577
59	63	85 264	5 516,678	64 738,547	11,735	11,269
60	64	83 932	5 184,225	59 221,869	11,423	10,957
61	65	82 485	4 863,865	54 037,644	11,110	10,644
62	66	80 943	4 556,452	49 173,779	10,792	10,326
63	67	79 275	4 260,234	44 617,327	10,473	10,007
64	68	77 504	3 976,202	40 357,094	10,150	9,684
65	69	75 600	3 702,636	36 380,892	9,826	9,360
66	70	73 574	3 440,014	32 678,256	9,499	9,033
67	71	71 441	3 188,800	29 238,243	9,169	8,703
68	72	69 194	2 948,456	26 049,442	8,835	8,369
69	73	66 862	2 719,871	23 100,986	8,493	8,027
70	74	64 376	2 500,025	20 381,115	8,152	7,686
71	75	61 818	2 291,794	17 881,090	7,802	7,336
72	76	59 135	2 092,923	15 589,297	7,449	6,983
73	77	56 345	1 903,740	13 496,374	7,089	6,623
74	78	53 423	1 723,165	11 592,633	6,728	6,262
75	79	50 341	1 550,141	9 869,469	6,367	5,901
76	80	47 120	1 385,167	8 319,328	6,006	5,540
77	81	43 715	1 226,777	6 934,161	5,652	5,186
78	82	40 146	1 075,543	5 707,384	5,307	4,841
79	83	36 428	931,689	4 631,840	4,971	4,505
80	84	32 628	796,657	3 700,151	4,645	4,179
81	85	28 781	670,858	2 903,494	4,328	3,862
82	86	24 874	553,502	2 232,636	4,034	3,568
83	87	21 056	447,292	1 679,134	3,754	3,288
84	88	17 408	353,022	1 231,842	3,489	3,023
85	89	14 001	271,064	878,819	3,242	2,776
86	90	10 912	201,677	607,755	3,014	2,548
87	91	8 208	144,817	406,079	2,804	2,338
88	92	5 929	99,873	261,261	2,616	2,150
89	93	4 101	65,947	161,388	2,447	1,981
90	94	2 708	41,578	95,441	2,295	1,829
91	95	1 707	25,009	53,863	2,154	1,688
92	96	1 021	14,288	28,854	2,019	1,553
93	97	565	7,548	14,566	1,930	1,464
94	98	300	3,821	7,018	1,837	1,371
95	99	150	1,829	3,197	1,748	1,282
96	100	71	0,822	1,368	1,664	1,198

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 643	99 642,551	2 091 491,665	20,990	20,524
1	6	99 279	94 776,853	1 991 849,114	21,016	20,550
2	7	99 243	90 446,084	1 897 072,262	20,975	20,509
3	8	99 222	86 327,221	1 806 626,177	20,928	20,462
4	9	99 205	82 397,901	1 720 298,957	20,878	20,412
5	10	99 188	78 648,289	1 637 901,056	20,826	20,360
6	11	99 172	75 069,965	1 559 252,767	20,771	20,305
7	12	99 156	71 653,781	1 484 182,802	20,713	20,247
8	13	99 139	68 393,302	1 412 529,020	20,653	20,187
9	14	99 121	65 280,200	1 344 135,719	20,590	20,124
10	15	99 104	62 309,268	1 278 855,519	20,524	20,058
11	16	99 084	59 471,838	1 216 546,251	20,456	19,990
12	17	99 062	56 762,271	1 157 074,413	20,385	19,919
13	18	99 042	54 177,217	1 100 312,142	20,309	19,843
14	19	99 013	51 705,346	1 046 134,924	20,233	19,767
15	20	98 982	49 345,389	994 429,578	20,152	19,686
16	21	98 948	47 091,531	945 084,189	20,069	19,603
17	22	98 907	44 937,579	897 992,658	19,983	19,517
18	23	98 864	42 881,067	853 055,079	19,894	19,428
19	24	98 808	40 913,530	810 174,012	19,802	19,336
20	25	98 751	39 035,705	769 260,483	19,707	19,241
21	26	98 690	37 242,411	730 224,778	19,607	19,141
22	27	98 631	35 532,517	692 982,367	19,503	19,037
23	28	98 565	33 898,573	657 449,850	19,395	18,929
24	29	98 502	32 340,530	623 551,277	19,281	18,815
25	30	98 429	30 851,368	591 210,747	19,163	18,697
26	31	98 355	29 430,146	560 359,379	19,040	18,574
27	32	98 279	28 073,895	530 929,232	18,912	18,446
28	33	98 200	26 779,298	502 855,337	18,778	18,312
29	34	98 117	25 543,360	476 076,039	18,638	18,172
30	35	98 026	24 362,454	450 532,679	18,493	18,027
31	36	97 931	23 235,076	426 170,225	18,342	17,876
32	37	97 826	22 157,632	402 935,149	18,185	17,719
33	38	97 717	21 129,425	380 777,518	18,021	17,555
34	39	97 587	20 144,371	359 648,092	17,854	17,388
35	40	97 453	19 204,552	339 503,722	17,678	17,212
36	41	97 308	18 306,432	320 299,169	17,497	17,031
37	42	97 152	17 448,361	301 992,738	17,308	16,842
38	43	96 980	16 627,617	284 544,377	17,113	16,647
39	44	96 789	15 842,273	267 916,760	16,912	16,446
40	45	96 587	15 092,378	252 074,487	16,702	16,236
41	46	96 356	14 373,584	236 982,109	16,487	16,021
42	47	96 111	13 686,812	222 608,525	16,264	15,798
43	48	95 841	13 029,465	208 921,713	16,035	15,569
44	49	95 541	12 399,681	195 892,248	15,798	15,332
45	50	95 202	11 795,465	183 492,567	15,556	15,090
46	51	94 840	11 217,704	171 697,102	15,306	14,840
47	52	94 430	10 662,792	160 479,399	15,050	14,584
48	53	93 987	10 131,481	149 816,607	14,787	14,321
49	54	93 496	9 621,605	139 685,126	14,518	14,052
50	55	92 949	9 131,557	130 063,520	14,243	13,777
51	56	92 340	8 660,300	120 931,963	13,964	13,498
52	57	91 669	8 207,520	112 271,663	13,679	13,213
53	58	90 931	7 772,277	104 064,144	13,389	12,923
54	59	90 110	7 352,861	96 291,866	13,096	12,630
55	60	89 209	6 949,260	88 939,005	12,798	12,332
56	61	88 214	6 560,119	81 989,745	12,498	12,032
57	62	87 135	6 186,015	75 429,626	12,194	11,728
58	63	85 965	5 826,241	69 243,611	11,885	11,419
59	64	84 689	5 479,446	63 417,369	11,574	11,108
60	65	83 304	5 145,485	57 937,923	11,260	10,794
61	66	81 828	4 825,098	52 792,438	10,941	10,475
62	67	80 233	4 516,528	47 967,340	10,620	10,154
63	68	78 524	4 219,837	43 450,813	10,297	9,831
64	69	76 693	3 934,588	39 230,976	9,971	9,505
65	70	74 727	3 659,853	35 296,387	9,644	9,178
66	71	72 647	3 396,674	31 636,534	9,314	8,848
67	72	70 462	3 145,108	28 239,861	8,979	8,513
68	73	68 169	2 904,779	25 094,752	8,639	8,173
69	74	65 764	2 675,221	22 189,973	8,295	7,829
70	75	63 228	2 455,416	19 514,752	7,948	7,482
71	76	60 629	2 247,719	17 059,336	7,590	7,124
72	77	57 860	2 047,787	14 811,616	7,233	6,767
73	78	55 004	1 858,438	12 763,829	6,868	6,402
74	79	51 956	1 675,867	10 905,391	6,507	6,041
75	80	48 760	1 501,444	9 229,524	6,147	5,681
76	81	45 402	1 334,662	7 728,080	5,790	5,324
77	82	41 849	1 174,426	6 393,418	5,444	4,978
78	83	38 164	1 022,434	5 218,993	5,104	4,638
79	84	34 362	878,852	4 196,559	4,775	4,309
80	85	30 502	744,744	3 317,707	4,455	3,989
81	86	26 590	619,789	2 572,962	4,151	3,685
82	87	22 706	505,248	1 953,173	3,866	3,400
83	88	18 952	402,587	1 447,926	3,597	3,131
84	89	15 420	312,707	1 045,338	3,343	2,877
85	90	12 188	235,956	732,632	3,105	2,639
86	91	9 303	171,934	496,675	2,889	2,423
87	92	6 832	120,541	324,741	2,694	2,228
88	93	4 818	81,147	204,200	2,516	2,050
89	94	3 244	52,166	123,053	2,359	1,893
90	95	2 085	32,008	70,887	2,215	1,749
91	96	1 275	18,687	38,879	2,081	1,615
92	97	730	10,207	20,192	1,978	1,512
93	98	396	5,291	9,985	1,887	1,421
94	99	206	2,625	4,694	1,788	1,322
95	100	100	1,213	2,070	1,706	1,240

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 634	99 633,675	2 089 193,184	20,969	20,503
1	7	99 270	94 768,469	1 989 559,510	20,994	20,528
2	8	99 238	90 441,883	1 894 791,041	20,950	20,484
3	9	99 216	86 321,205	1 804 349,159	20,903	20,437
4	10	99 199	82 392,860	1 718 027,954	20,852	20,386
5	11	99 182	78 643,689	1 635 635,093	20,798	20,332
6	12	99 165	75 064,160	1 556 991,405	20,742	20,276
7	13	99 148	71 648,155	1 481 927,245	20,683	20,217
8	14	99 130	68 386,858	1 410 279,090	20,622	20,156
9	15	99 112	65 274,181	1 341 892,232	20,558	20,092
10	16	99 092	62 301,687	1 276 618,051	20,491	20,025
11	17	99 070	59 463,081	1 214 316,364	20,421	19,955
12	18	99 049	56 754,542	1 154 853,283	20,348	19,882
13	19	99 022	54 166,544	1 098 098,741	20,273	19,807
14	20	98 996	51 696,308	1 043 932,197	20,194	19,728
15	21	98 964	49 336,266	992 235,889	20,112	19,646
16	22	98 932	47 083,766	942 899,623	20,026	19,560
17	23	98 891	44 930,263	895 815,857	19,938	19,472
18	24	98 846	42 873,350	850 885,594	19,846	19,380
19	25	98 791	40 906,168	808 012,244	19,753	19,287
20	26	98 732	39 028,279	767 106,077	19,655	19,189
21	27	98 671	37 235,402	728 077,797	19,553	19,087
22	28	98 610	35 524,871	690 842,396	19,447	18,981
23	29	98 542	33 890,585	655 317,524	19,336	18,870
24	30	98 476	32 332,161	621 426,939	19,220	18,754
25	31	98 398	30 841,584	589 094,778	19,101	18,635
26	32	98 324	29 420,905	558 253,194	18,975	18,509
27	33	98 246	28 064,276	528 832,288	18,844	18,378
28	34	98 165	26 769,649	500 768,012	18,707	18,241
29	35	98 077	25 532,990	473 998,363	18,564	18,098
30	36	97 986	24 352,413	448 465,374	18,416	17,950
31	37	97 886	23 224,423	424 112,960	18,262	17,795
32	38	97 779	22 147,114	400 888,538	18,101	17,635
33	39	97 658	21 116,679	378 741,424	17,936	17,470
34	40	97 528	20 132,261	357 624,745	17,764	17,298
35	41	97 386	19 191,384	337 492,484	17,586	17,120
36	42	97 236	18 292,880	318 301,100	17,400	16,934
37	43	97 075	17 434,511	300 008,220	17,208	16,742
38	44	96 892	16 612,518	282 573,708	17,010	16,544
39	45	96 695	15 826,897	265 961,191	16,804	16,338
40	46	96 476	15 074,988	250 134,294	16,593	16,127
41	47	96 239	14 356,084	235 059,306	16,373	15,907
42	48	95 979	13 668,057	220 703,222	16,147	15,681
43	49	95 688	13 008,696	207 035,165	15,915	15,449
44	50	95 374	12 378,005	194 026,470	15,675	15,209
45	51	95 026	11 773,606	181 648,465	15,428	14,962
46	52	94 636	11 193,668	169 874,859	15,176	14,710
47	53	94 210	10 637,916	158 681,191	14,917	14,451
48	54	93 745	10 105,467	148 043,275	14,650	14,184
49	55	93 226	9 593,812	137 937,808	14,378	13,912
50	56	92 648	9 101,921	128 343,997	14,101	13,635
51	57	92 009	8 629,322	119 242,076	13,818	13,352
52	58	91 309	8 175,312	110 612,754	13,530	13,064
53	59	90 536	7 738,472	102 437,441	13,237	12,771
54	60	89 686	7 318,256	94 698,969	12,940	12,474
55	61	88 739	6 912,596	87 380,713	12,641	12,175
56	62	87 712	6 522,819	80 468,117	12,336	11,870
57	63	86 600	6 148,067	73 945,298	12,027	11,561
58	64	85 385	5 786,921	67 797,230	11,716	11,250
59	65	84 056	5 438,500	62 010,310	11,402	10,936
60	66	82 640	5 104,473	56 571,810	11,083	10,617
61	67	81 111	4 782,820	51 467,336	10,761	10,295
62	68	79 473	4 473,701	46 684,517	10,435	9,969
63	69	77 702	4 175,674	42 210,816	10,109	9,643
64	70	75 807	3 889,126	38 035,142	9,780	9,314
65	71	73 785	3 613,743	34 146,016	9,449	8,983
66	72	71 652	3 350,133	30 532,273	9,114	8,648
67	73	69 418	3 098,518	27 182,140	8,773	8,307
68	74	67 050	2 857,094	24 083,622	8,429	7,963
69	75	64 591	2 627,487	21 226,528	8,079	7,613
70	76	62 012	2 408,195	18 599,041	7,723	7,257
71	77	59 321	2 199,245	16 190,846	7,362	6,896
72	78	56 483	1 999,057	13 991,601	6,999	6,533
73	79	53 494	1 807,428	11 992,544	6,635	6,169
74	80	50 324	1 623,221	10 185,116	6,275	5,809
75	81	46 982	1 446,699	8 561,896	5,918	5,452
76	82	43 465	1 277,707	7 115,197	5,569	5,103
77	83	39 783	1 116,434	5 837,490	5,229	4,763
78	84	35 999	964,450	4 721,056	4,895	4,429
79	85	32 123	821,583	3 756,606	4,572	4,106
80	86	28 180	688,051	2 935,023	4,266	3,800
81	87	24 272	565,756	2 246,972	3,972	3,506
82	88	20 436	454,750	1 681,216	3,697	3,231
83	89	16 787	356,611	1 226,465	3,439	2,973
84	90	13 423	272,205	869,854	3,196	2,730
85	91	10 390	201,158	597,649	2,971	2,505
86	92	7 743	143,112	396,490	2,770	2,304
87	93	5 551	97,939	253,378	2,587	2,121
88	94	3 811	64,189	155,439	2,422	1,956
89	95	2 497	40,159	91,250	2,272	1,806
90	96	1 558	23,917	51,090	2,136	1,670
91	97	911	13,349	27,173	2,036	1,570
92	98	511	7,155	13,824	1,932	1,466
93	99	272	3,634	6,670	1,835	1,369
94	100	136	1,740	3,035	1,744	1,278

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 625	99 624,861	2 086 729,392	20,946	20,480
1	8	99 265	94 764,066	1 987 104,531	20,969	20,503
2	9	99 231	90 435,580	1 892 340,465	20,925	20,459
3	10	99 209	86 315,925	1 801 904,885	20,876	20,410
4	11	99 193	82 388,041	1 715 588,960	20,823	20,357
5	12	99 175	78 637,607	1 633 200,919	20,769	20,303
6	13	99 157	75 058,266	1 554 563,312	20,711	20,245
7	14	99 138	71 641,405	1 479 505,046	20,652	20,186
8	15	99 121	68 380,552	1 407 863,642	20,589	20,123
9	16	99 100	65 266,239	1 339 483,090	20,523	20,057
10	17	99 078	62 292,513	1 274 216,850	20,455	19,989
11	18	99 056	59 454,984	1 211 924,337	20,384	19,918
12	19	99 029	56 743,361	1 152 469,353	20,310	19,844
13	20	99 005	54 157,076	1 095 725,992	20,232	19,766
14	21	98 977	51 686,751	1 041 568,916	20,152	19,686
15	22	98 948	49 328,131	989 882,166	20,067	19,601
16	23	98 916	47 076,100	940 554,035	19,979	19,513
17	24	98 873	44 922,177	893 477,935	19,889	19,423
18	25	98 828	42 865,636	848 555,758	19,796	19,330
19	26	98 772	40 898,386	805 690,122	19,700	19,234
20	27	98 714	39 020,934	764 791,736	19,600	19,134
21	28	98 650	37 227,389	725 770,802	19,496	19,030
22	29	98 587	35 516,500	688 543,413	19,387	18,921
23	30	98 517	33 881,815	653 026,912	19,274	18,808
24	31	98 445	32 321,908	619 145,097	19,156	18,690
25	32	98 367	30 831,900	586 823,189	19,033	18,567
26	33	98 291	29 410,825	555 991,289	18,904	18,438
27	34	98 210	28 054,164	526 580,465	18,770	18,304
28	35	98 125	26 758,781	498 526,301	18,630	18,164
29	36	98 037	25 522,467	471 767,520	18,484	18,018
30	37	97 941	24 341,248	446 245,054	18,333	17,867
31	38	97 839	23 213,399	421 903,806	18,175	17,709
32	39	97 720	22 133,754	398 690,407	18,013	17,547
33	40	97 599	21 103,985	376 556,653	17,843	17,377
34	41	97 461	20 118,456	355 452,668	17,668	17,202
35	42	97 314	19 177,177	335 334,212	17,486	17,020
36	43	97 159	18 278,360	316 157,035	17,297	16,831
37	44	96 987	17 418,680	297 878,675	17,101	16,635
38	45	96 798	16 596,394	280 459,995	16,899	16,433
39	46	96 583	15 808,660	263 863,601	16,691	16,225
40	47	96 358	15 056,634	248 054,941	16,475	16,009
41	48	96 107	14 336,412	232 998,307	16,252	15,786
42	49	95 826	13 646,270	218 661,895	16,024	15,558
43	50	95 521	12 985,955	205 015,626	15,787	15,321
44	51	95 197	12 355,066	192 029,670	15,543	15,077
45	52	94 822	11 748,378	179 674,604	15,294	14,828
46	53	94 416	11 167,553	167 926,226	15,037	14,571
47	54	93 968	10 610,601	156 758,673	14,774	14,308
48	55	93 475	10 076,275	146 148,071	14,504	14,038
49	56	92 924	9 562,675	136 071,796	14,229	13,763
50	57	92 316	9 069,364	126 509,121	13,949	13,483
51	58	91 648	8 595,460	117 439,757	13,663	13,197
52	59	90 912	8 139,754	108 844,297	13,372	12,906
53	60	90 109	7 702,052	100 704,543	13,075	12,609
54	61	89 213	7 279,645	93 002,490	12,776	12,310
55	62	88 234	6 873,292	85 722,846	12,472	12,006
56	63	87 174	6 482,805	78 849,554	12,163	11,697
57	64	86 016	6 106,575	72 366,748	11,851	11,385
58	65	84 747	5 743,677	66 260,173	11,536	11,070
59	66	83 386	5 395,153	60 516,497	11,217	10,751
60	67	81 916	5 059,747	55 121,344	10,894	10,428
61	68	80 342	4 737,468	50 061,596	10,567	10,101
62	69	78 641	4 426,881	45 324,128	10,238	9,772
63	70	76 804	4 127,426	40 897,248	9,909	9,443
64	71	74 852	3 840,127	36 769,822	9,575	9,109
65	72	72 774	3 564,229	32 929,695	9,239	8,773
66	73	70 591	3 300,506	29 365,466	8,897	8,431
67	74	68 279	3 047,652	26 064,961	8,552	8,086
68	75	65 854	2 806,114	23 017,309	8,203	7,737
69	76	63 348	2 576,957	20 211,194	7,843	7,377
70	77	60 674	2 356,260	17 634,238	7,484	7,018
71	78	57 910	2 146,911	15 277,977	7,116	6,650
72	79	54 932	1 944,187	13 131,067	6,754	6,288
73	80	51 814	1 750,648	11 186,880	6,390	5,924
74	81	48 489	1 564,036	9 436,232	6,033	5,567
75	82	44 977	1 384,963	7 872,196	5,684	5,218
76	83	41 319	1 214,615	6 487,233	5,341	4,875
77	84	37 526	1 053,119	5 272,618	5,007	4,541
78	85	33 653	901,604	4 219,499	4,680	4,214
79	86	29 678	759,040	3 317,895	4,371	3,905
80	87	25 723	628,067	2 558,855	4,074	3,608
81	88	21 846	509,211	1 930,788	3,792	3,326
82	89	18 102	402,817	1 421,577	3,529	3,063
83	90	14 613	310,424	1 018,760	3,282	2,816
84	91	11 443	232,062	708,337	3,052	2,586
85	92	8 649	167,437	476,275	2,844	2,378
86	93	6 291	116,278	308,837	2,656	2,190
87	94	4 391	77,473	192,559	2,486	2,020
88	95	2 934	49,415	115,087	2,329	1,863
89	96	1 866	30,008	65,672	2,188	1,722
90	97	1 113	17,085	35,664	2,087	1,621
91	98	639	9,357	18,579	1,985	1,519
92	99	351	4,914	9,221	1,876	1,410
93	100	180	2,410	4,307	1,787	1,321

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 620	99 620,233	2 084 091,792	20,920	20,454
1	9	99 258	94 757,463	1 984 471,559	20,943	20,477
2	10	99 225	90 430,048	1 889 714,096	20,897	20,431
3	11	99 204	86 310,876	1 799 284,048	20,847	20,381
4	12	99 185	82 381,670	1 712 973,173	20,793	20,327
5	13	99 167	78 631,432	1 630 591,502	20,737	20,271
6	14	99 148	75 051,194	1 551 960,070	20,679	20,213
7	15	99 129	71 634,799	1 476 908,876	20,617	20,151
8	16	99 109	68 372,232	1 405 274,077	20,553	20,087
9	17	99 086	65 256,629	1 336 901,845	20,487	20,021
10	18	99 064	62 284,031	1 271 645,216	20,417	19,951
11	19	99 037	59 443,271	1 209 361,184	20,345	19,879
12	20	99 012	56 733,442	1 149 917,914	20,269	19,803
13	21	98 987	54 147,063	1 093 184,471	20,189	19,723
14	22	98 961	51 678,228	1 039 037,408	20,106	19,640
15	23	98 931	49 320,100	987 359,180	20,019	19,553
16	24	98 898	47 067,628	938 039,081	19,930	19,464
17	25	98 856	44 914,094	890 971,453	19,837	19,371
18	26	98 810	42 857,482	846 057,359	19,741	19,275
19	27	98 753	40 890,689	803 199,877	19,643	19,177
20	28	98 693	39 012,537	762 309,188	19,540	19,074
21	29	98 627	37 218,617	723 296,651	19,434	18,968
22	30	98 561	35 507,310	686 078,034	19,322	18,856
23	31	98 485	33 871,070	650 570,724	19,207	18,741
24	32	98 414	32 311,759	616 699,654	19,086	18,620
25	33	98 334	30 821,336	584 387,895	18,960	18,494
26	34	98 255	29 400,227	553 566,559	18,829	18,363
27	35	98 170	28 042,774	524 166,332	18,692	18,226
28	36	98 084	26 747,753	496 123,558	18,548	18,082
29	37	97 992	25 510,765	469 375,805	18,399	17,933
30	38	97 894	24 329,694	443 865,041	18,244	17,778
31	39	97 780	23 199,395	419 535,347	18,084	17,618
32	40	97 661	22 120,448	396 335,952	17,917	17,451
33	41	97 533	21 089,514	374 215,503	17,744	17,278
34	42	97 389	20 103,563	353 125,989	17,565	17,099
35	43	97 237	19 161,955	333 022,426	17,379	16,913
36	44	97 071	18 261,762	313 860,471	17,187	16,721
37	45	96 893	17 401,773	295 598,709	16,987	16,521
38	46	96 687	16 577,271	278 196,935	16,782	16,316
39	47	96 466	15 789,413	261 619,664	16,569	16,103
40	48	96 226	15 036,002	245 830,251	16,349	15,883
41	49	95 954	14 313,559	230 794,249	16,124	15,658
42	50	95 658	13 622,415	216 480,691	15,892	15,425
43	51	95 344	12 961,890	202 858,276	15,650	15,184
44	52	94 993	12 328,593	189 896,386	15,403	14,937
45	53	94 601	11 720,970	177 567,793	15,150	14,684
46	54	94 173	11 138,878	165 846,823	14,889	14,423
47	55	93 696	10 579,951	154 707,945	14,623	14,157
48	56	93 171	10 043,573	144 127,994	14,350	13,884
49	57	92 591	9 528,470	134 084,421	14,072	13,606
50	58	91 954	9 033,774	124 555,951	13,788	13,322
51	59	91 250	8 558,075	115 522,177	13,499	13,033
52	60	90 484	8 101,446	106 964,102	13,203	12,737
53	61	89 634	7 661,417	98 862,656	12,904	12,438
54	62	88 706	7 238,254	91 201,239	12,600	12,134
55	63	87 693	6 831,128	83 962,986	12,291	11,825
56	64	86 586	6 439,054	77 131,858	11,979	11,513
57	65	85 373	6 060,942	70 692,804	11,664	11,198
58	66	84 071	5 697,897	64 631,862	11,343	10,877
59	67	82 655	5 347,880	58 933,964	11,020	10,554
60	68	81 140	5 011,770	53 586,084	10,692	10,226
61	69	79 501	4 687,887	48 574,315	10,362	9,896
62	70	77 732	4 375,730	43 886,428	10,030	9,564
63	71	75 836	4 075,425	39 510,698	9,695	9,229
64	72	73 826	3 787,511	35 435,273	9,356	8,890
65	73	71 696	3 511,430	31 647,762	9,013	8,547
66	74	69 432	3 246,324	28 136,332	8,667	8,201
67	75	67 060	2 993,272	24 890,008	8,315	7,849
68	76	64 587	2 752,149	21 896,736	7,956	7,490
69	77	61 982	2 521,382	19 144,587	7,593	7,127
70	78	59 231	2 300,190	16 623,205	7,227	6,761
71	79	56 320	2 087,982	14 323,016	6,860	6,394
72	80	53 207	1 883,111	12 235,033	6,497	6,031
73	81	49 924	1 686,817	10 351,922	6,137	5,671
74	82	46 420	1 497,292	8 665,105	5,787	5,321
75	83	42 756	1 316,575	7 167,813	5,444	4,978
76	84	38 975	1 145,732	5 851,238	5,107	4,641
77	85	35 081	984,495	4 705,506	4,780	4,314
78	86	31 092	832,969	3 721,011	4,467	4,001
79	87	27 091	692,867	2 888,042	4,168	3,702
80	88	23 152	565,294	2 195,175	3,883	3,417
81	89	19 351	451,058	1 629,880	3,613	3,147
82	90	15 758	350,645	1 178,822	3,362	2,896
83	91	12 458	264,644	828,177	3,129	2,663
84	92	9 525	193,160	563,533	2,917	2,451
85	93	7 027	136,043	370,373	2,722	2,256
86	94	4 977	91,979	234,331	2,548	2,082
87	95	3 380	59,641	142,352	2,387	1,921
88	96	2 192	36,924	82,711	2,240	1,774
89	97	1 333	21,436	45,787	2,136	1,670
90	98	780	11,976	24,351	2,033	1,567
91	99	439	6,427	12,374	1,925	1,459
92	100	233	3,258	5,947	1,825	1,359

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 613	99 613,291	2 081 267,441	20,893	20,427
1	10	99 252	94 751,666	1 981 654,150	20,914	20,448
2	11	99 219	90 424,758	1 886 902,484	20,867	20,401
3	12	99 196	86 304,201	1 796 477,726	20,816	20,350
4	13	99 177	82 375,201	1 710 173,524	20,761	20,295
5	14	99 157	78 624,024	1 627 798,323	20,704	20,238
6	15	99 138	75 044,274	1 549 174,299	20,643	20,177
7	16	99 117	71 626,083	1 474 130,025	20,581	20,115
8	17	99 094	68 362,165	1 402 503,942	20,516	20,050
9	18	99 072	65 247,743	1 334 141,777	20,447	19,981
10	19	99 045	62 271,760	1 268 894,034	20,377	19,911
11	20	99 020	59 432,881	1 206 622,273	20,302	19,836
12	21	98 994	56 722,954	1 147 189,393	20,224	19,758
13	22	98 970	54 138,134	1 090 466,439	20,142	19,676
14	23	98 945	51 669,814	1 036 328,305	20,057	19,591
15	24	98 914	49 311,224	984 658,491	19,968	19,502
16	25	98 880	47 059,159	935 347,267	19,876	19,410
17	26	98 837	44 905,550	888 288,108	19,781	19,315
18	27	98 791	42 849,416	843 382,558	19,682	19,216
19	28	98 732	40 881,890	800 533,142	19,582	19,116
20	29	98 669	39 003,344	759 651,252	19,477	19,011
21	30	98 601	37 208,986	720 647,907	19,368	18,902
22	31	98 530	35 496,049	683 438,921	19,254	18,788
23	32	98 454	33 860,435	647 942,872	19,136	18,670
24	33	98 380	32 300,688	614 082,437	19,011	18,545
25	34	98 298	30 810,230	581 781,749	18,883	18,417
26	35	98 215	29 388,291	550 971,519	18,748	18,282
27	36	98 130	28 031,217	521 583,228	18,607	18,141
28	37	98 039	26 735,489	493 552,012	18,461	17,995
29	38	97 945	25 498,656	466 816,523	18,307	17,841
30	39	97 835	24 315,017	441 317,868	18,150	17,684
31	40	97 722	23 185,449	417 002,851	17,986	17,520
32	41	97 594	22 105,281	393 817,402	17,816	17,350
33	42	97 460	21 073,902	371 712,121	17,639	17,172
34	43	97 312	20 087,606	350 638,219	17,455	16,989
35	44	97 149	19 144,555	330 550,613	17,266	16,800
36	45	96 976	18 244,038	311 406,058	17,069	16,603
37	46	96 781	17 381,722	293 162,020	16,866	16,400
38	47	96 569	16 557,088	275 780,298	16,656	16,190
39	48	96 334	15 767,777	259 223,210	16,440	15,974
40	49	96 073	15 012,034	243 455,433	16,217	15,751
41	50	95 786	14 288,538	228 443,400	15,988	15,522
42	51	95 481	13 597,170	214 154,862	15,750	15,284
43	52	95 139	12 934,116	200 557,692	15,506	15,040
44	53	94 771	12 299,831	187 623,576	15,254	14,788
45	54	94 358	11 690,874	175 323,745	14,997	14,531
46	55	93 901	11 106,702	163 632,871	14,733	14,267
47	56	93 392	10 545,614	152 526,169	14,463	13,997
48	57	92 838	10 007,648	141 980,555	14,187	13,721
49	58	92 228	9 491,079	131 972,908	13,905	13,439
50	59	91 554	8 994,483	122 481,829	13,617	13,151
51	60	90 820	8 517,797	113 487,346	13,324	12,858
52	61	90 007	8 058,703	104 969,549	13,026	12,560
53	62	89 124	7 617,855	96 910,846	12,722	12,256
54	63	88 162	7 193,851	89 292,991	12,412	11,946
55	64	87 101	6 785,026	82 099,140	12,100	11,634
56	65	85 939	6 390,937	75 314,114	11,785	11,319
57	66	84 692	6 012,634	68 923,178	11,463	10,997
58	67	83 335	5 647,972	62 910,544	11,139	10,673
59	68	81 871	5 297,170	57 262,572	10,810	10,344
60	69	80 290	4 959,318	51 965,402	10,478	10,012
61	70	78 582	4 633,721	47 006,084	10,144	9,678
62	71	76 753	4 320,601	42 372,363	9,807	9,341
63	72	74 797	4 019,584	38 051,762	9,467	9,001
64	73	72 733	3 731,404	34 032,178	9,120	8,654
65	74	70 519	3 453,786	30 300,774	8,773	8,307
66	75	68 193	3 188,399	26 846,988	8,420	7,954
67	76	65 771	2 935,707	23 658,589	8,059	7,593
68	77	63 194	2 692,796	20 722,881	7,696	7,230
69	78	60 507	2 461,382	18 030,085	7,325	6,859
70	79	57 605	2 237,054	15 568,703	6,959	6,493
71	80	54 551	2 022,389	13 331,649	6,592	6,126
72	81	51 267	1 814,450	11 309,260	6,233	5,767
73	82	47 794	1 614,834	9 494,810	5,880	5,414
74	83	44 128	1 423,357	7 879,976	5,536	5,070
75	84	40 331	1 241,910	6 456,618	5,199	4,733
76	85	36 436	1 071,073	5 214,708	4,869	4,403
77	86	32 411	909,550	4 143,635	4,556	4,090
78	87	28 381	760,351	3 234,085	4,253	3,787
79	88	24 383	623,618	2 473,734	3,967	3,501
80	89	20 508	500,737	1 850,116	3,695	3,229
81	90	16 845	392,638	1 349,379	3,437	2,971
82	91	13 434	298,933	956,741	3,201	2,735
83	92	10 370	220,280	657,808	2,986	2,520
84	93	7 739	156,942	437,528	2,788	2,322
85	94	5 559	107,613	280,585	2,607	2,141
86	95	3 831	70,809	172,972	2,443	1,977
87	96	2 526	44,565	102,164	2,292	1,826
88	97	1 566	26,377	57,598	2,184	1,718
89	98	934	15,026	31,222	2,078	1,612
90	99	536	8,226	16,196	1,969	1,503
91	100	291	4,262	7,969	1,870	1,404

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 607	99 607,197	2 078 249,873	20,864	20,398
1	11	99 247	94 746,124	1 978 642,676	20,884	20,418
2	12	99 211	90 417,766	1 883 896,552	20,835	20,369
3	13	99 188	86 297,424	1 793 478,786	20,783	20,317
4	14	99 168	82 367,440	1 707 181,362	20,726	20,260
5	15	99 148	78 616,775	1 624 813,921	20,668	20,202
6	16	99 126	75 035,143	1 546 197,147	20,606	20,140
7	17	99 103	71 615,537	1 471 162,003	20,542	20,076
8	18	99 081	68 352,857	1 399 546,467	20,475	20,009
9	19	99 053	65 234,888	1 331 193,610	20,406	19,940
10	20	99 027	62 260,876	1 265 958,722	20,333	19,867
11	21	99 001	59 421,893	1 203 697,846	20,257	19,791
12	22	98 977	56 713,600	1 144 275,953	20,176	19,710
13	23	98 954	54 129,320	1 087 562,353	20,092	19,626
14	24	98 927	51 660,515	1 033 433,033	20,004	19,538
15	25	98 896	49 302,351	981 772,517	19,913	19,447
16	26	98 861	47 050,207	932 470,167	19,819	19,353
17	27	98 818	44 897,099	885 419,960	19,721	19,255
18	28	98 770	42 840,196	840 522,861	19,620	19,154
19	29	98 709	40 872,257	797 682,665	19,516	19,050
20	30	98 644	38 993,252	756 810,408	19,409	18,943
21	31	98 570	37 197,186	717 817,157	19,298	18,832
22	32	98 499	35 484,904	680 619,971	19,181	18,715
23	33	98 421	33 848,833	645 135,067	19,059	18,593
24	34	98 345	32 289,049	611 286,234	18,932	18,466
25	35	98 258	30 797,721	578 997,185	18,800	18,334
26	36	98 175	29 376,179	548 199,464	18,661	18,195
27	37	98 085	28 018,364	518 823,285	18,517	18,051
28	38	97 993	26 722,798	490 804,921	18,367	17,901
29	39	97 886	25 483,274	464 082,122	18,211	17,745
30	40	97 776	24 300,400	438 598,849	18,049	17,583
31	41	97 655	23 169,551	414 298,449	17,881	17,415
32	42	97 522	22 088,917	391 128,898	17,707	17,241
33	43	97 383	21 057,174	369 039,981	17,526	17,060
34	44	97 223	20 069,365	347 982,807	17,339	16,873
35	45	97 054	19 125,973	327 913,441	17,145	16,679
36	46	96 865	18 223,016	308 787,468	16,945	16,479
37	47	96 664	17 360,560	290 564,452	16,737	16,271
38	48	96 437	16 534,400	273 203,892	16,523	16,057
39	49	96 180	15 742,642	256 669,492	16,304	15,838
40	50	95 905	14 985,792	240 926,850	16,077	15,611
41	51	95 609	14 262,058	225 941,058	15,842	15,376
42	52	95 277	13 568,035	211 679,000	15,601	15,135
43	53	94 917	12 903,942	198 110,965	15,353	14,887
44	54	94 528	12 268,249	185 207,023	15,096	14,630
45	55	94 085	11 657,103	172 938,775	14,835	14,369
46	56	93 596	11 070,655	161 281,672	14,568	14,102
47	57	93 058	10 507,893	150 211,016	14,295	13,829
48	58	92 474	9 968,376	139 703,124	14,015	13,549
49	59	91 827	9 449,798	129 734,747	13,729	13,263
50	60	91 123	8 952,151	120 284,949	13,436	12,970
51	61	90 341	8 472,858	111 332,797	13,140	12,674
52	62	89 495	8 012,882	102 859,940	12,837	12,371
53	63	88 578	7 571,124	94 847,058	12,527	12,061
54	64	87 567	7 145,301	87 275,934	12,214	11,748
55	65	86 450	6 734,323	80 130,633	11,899	11,433
56	66	85 254	6 339,998	73 396,310	11,577	11,111
57	67	83 950	5 959,951	67 056,312	11,251	10,785
58	68	82 545	5 594,416	61 096,362	10,921	10,455
59	69	81 014	5 241,732	55 501,945	10,588	10,122
60	70	79 363	4 902,015	50 260,213	10,253	9,787
61	71	77 592	4 575,341	45 358,198	9,914	9,448
62	72	75 701	4 261,401	40 782,857	9,570	9,104
63	73	73 689	3 960,040	36 521,456	9,222	8,756
64	74	71 539	3 670,149	32 561,416	8,872	8,406
65	75	69 261	3 392,159	28 891,267	8,517	8,051
66	76	66 881	3 127,082	25 499,108	8,154	7,688
67	77	64 352	2 872,396	22 372,026	7,789	7,323
68	78	61 690	2 628,717	19 499,630	7,418	6,952
69	79	58 846	2 393,822	16 870,913	7,048	6,582
70	80	55 795	2 166,778	14 477,091	6,681	6,215
71	81	52 562	1 948,650	12 310,313	6,317	5,851
72	82	49 079	1 737,021	10 361,663	5,965	5,499
73	83	45 434	1 535,095	8 624,642	5,618	5,152
74	84	41 625	1 342,637	7 089,547	5,280	4,814
75	85	37 703	1 160,983	5 746,911	4,950	4,484
76	86	33 662	989,538	4 585,927	4,634	4,168
77	87	29 585	830,256	3 596,389	4,332	3,866
78	88	25 545	684,357	2 766,134	4,042	3,576
79	89	21 598	552,400	2 081,776	3,769	3,303
80	90	17 852	435,882	1 529,377	3,509	3,043
81	91	14 361	334,733	1 093,494	3,267	2,801
82	92	11 182	248,822	758,761	3,049	2,583
83	93	8 425	178,977	509,939	2,849	2,383
84	94	6 122	124,145	330,962	2,666	2,200
85	95	4 279	82,844	206,817	2,496	2,030
86	96	2 863	52,910	123,972	2,343	1,877
87	97	1 804	31,835	71,062	2,232	1,766
88	98	1 098	18,489	39,227	2,122	1,656
89	99	642	10,321	20,738	2,009	1,543
90	100	355	5,454	10,417	1,910	1,444

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	11	99 601	99 601,371	2 075 029,237	20,833	20,367
1	12	99 239	94 738,797	1 975 427,866	20,851	20,385
2	13	99 204	90 410,666	1 880 689,069	20,802	20,336
3	14	99 179	86 289,294	1 790 278,403	20,747	20,281
4	15	99 159	82 359,846	1 703 989,109	20,690	20,224
5	16	99 136	78 607,209	1 621 629,264	20,630	20,164
6	17	99 112	75 024,095	1 543 022,054	20,567	20,101
7	18	99 089	71 605,785	1 467 997,960	20,501	20,035
8	19	99 061	68 339,390	1 396 392,174	20,433	19,967
9	20	99 035	65 223,486	1 328 052,785	20,362	19,896
10	21	99 009	62 249,365	1 262 829,298	20,287	19,821
11	22	98 985	59 412,094	1 200 579,933	20,208	19,742
12	23	98 961	56 704,367	1 141 167,839	20,125	19,659
13	24	98 937	54 119,579	1 084 463,472	20,038	19,572
14	25	98 909	51 651,220	1 030 343,893	19,948	19,482
15	26	98 877	49 292,972	978 692,674	19,855	19,389
16	27	98 843	47 041,352	929 399,702	19,757	19,291
17	28	98 797	44 887,438	882 358,349	19,657	19,191
18	29	98 746	42 830,101	837 470,911	19,553	19,087
19	30	98 683	40 861,680	794 640,811	19,447	18,981
20	31	98 613	38 980,886	753 779,131	19,337	18,871
21	32	98 539	37 185,506	714 798,245	19,222	18,756
22	33	98 465	35 472,745	677 612,739	19,102	18,636
23	34	98 385	33 836,636	642 139,993	18,978	18,512
24	35	98 305	32 275,940	608 303,357	18,847	18,381
25	36	98 218	30 785,029	576 027,417	18,711	18,245
26	37	98 130	29 362,710	545 242,389	18,569	18,103
27	38	98 038	28 005,065	515 879,679	18,421	17,955
28	39	97 934	26 706,678	487 874,614	18,268	17,802
29	40	97 828	25 467,954	461 167,936	18,108	17,642
30	41	97 709	24 283,737	435 699,982	17,942	17,476
31	42	97 582	23 152,399	411 416,244	17,770	17,304
32	43	97 445	22 071,384	388 263,845	17,591	17,125
33	44	97 295	21 038,053	366 192,461	17,406	16,940
34	45	97 129	20 049,886	345 154,408	17,215	16,749
35	46	96 942	19 103,936	325 104,522	17,018	16,552
36	47	96 747	18 200,830	306 000,586	16,812	16,346
37	48	96 531	17 336,771	287 799,756	16,601	16,135
38	49	96 283	16 508,043	270 462,986	16,384	15,918
39	50	96 012	15 715,123	253 954,943	16,160	15,694
40	51	95 727	14 958,020	238 239,820	15,927	15,461
41	52	95 404	14 231,499	223 281,800	15,689	15,223
42	53	95 054	13 536,381	209 050,301	15,444	14,978
43	54	94 674	12 870,808	195 513,920	15,190	14,724
44	55	94 255	12 232,810	182 643,111	14,931	14,465
45	56	93 780	11 619,270	170 410,302	14,666	14,200
46	57	93 262	11 031,056	158 791,031	14,395	13,929
47	58	92 693	10 466,658	147 759,975	14,117	13,651
48	59	92 071	9 925,020	137 293,317	13,833	13,367
49	60	91 395	9 405,324	127 368,297	13,542	13,076
50	61	90 642	8 904,920	117 962,973	13,247	12,781
51	62	89 827	8 424,682	109 058,052	12,945	12,479
52	63	88 946	7 963,728	100 633,370	12,636	12,170
53	64	87 980	7 520,027	92 669,643	12,323	11,857
54	65	86 912	7 091,906	85 149,616	12,007	11,541
55	66	85 761	6 680,648	78 057,710	11,684	11,218
56	67	84 507	6 284,446	71 377,062	11,358	10,892
57	68	83 154	5 903,437	65 092,616	11,026	10,560
58	69	81 681	5 535,867	59 189,179	10,692	10,226
59	70	80 078	5 181,166	53 653,312	10,355	9,889
60	71	78 363	4 840,256	48 472,146	10,014	9,548
61	72	76 529	4 512,651	43 631,891	9,669	9,203
62	73	74 580	4 198,274	39 119,240	9,318	8,852
63	74	72 479	3 895,031	34 920,965	8,966	8,500
64	75	70 262	3 604,662	31 025,934	8,607	8,141
65	76	67 929	3 326,923	27 421,272	8,242	7,776
66	77	65 439	3 059,643	24 094,349	7,875	7,409
67	78	62 821	2 804,043	21 034,706	7,502	7,036
68	79	59 997	2 556,564	18 230,662	7,131	6,665
69	80	56 998	2 318,622	15 674,099	6,760	6,294
70	81	53 761	2 087,774	13 355,477	6,397	5,931
71	82	50 319	1 865,494	11 267,703	6,040	5,574
72	83	46 655	1 651,248	9 402,209	5,694	5,228
73	84	42 857	1 448,038	7 750,961	5,353	4,887
74	85	38 913	1 255,146	6 302,923	5,022	4,556
75	86	34 833	1 072,604	5 047,777	4,706	4,240
76	87	30 727	903,270	3 975,173	4,401	3,935
77	88	26 628	747,275	3 071,903	4,111	3,645
78	89	22 627	606,202	2 324,628	3,835	3,369
79	90	18 801	480,854	1 718,426	3,574	3,108
80	91	15 219	371,600	1 237,571	3,330	2,864
81	92	11 953	278,621	865,971	3,108	2,642
82	93	9 085	202,167	587,351	2,905	2,439
83	94	6 665	141,576	385,184	2,721	2,255
84	95	4 713	95,571	243,608	2,549	2,083
85	96	3 197	61,903	148,037	2,391	1,925
86	97	2 045	37,796	86,134	2,279	1,813
87	98	1 265	22,316	48,337	2,166	1,700
88	99	754	12,700	26,022	2,049	1,583
89	100	426	6,843	13,322	1,947	1,481

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 594	99 593,669	2 071 596,022	20,800	20,334
1	13	99 231	94 731,358	1 972 002,353	20,817	20,351
2	14	99 194	90 402,148	1 877 270,995	20,766	20,300
3	15	99 170	86 281,338	1 786 868,847	20,710	20,244
4	16	99 147	82 349,825	1 700 587,509	20,651	20,185
5	17	99 122	78 595,635	1 618 237,684	20,589	20,123
6	18	99 098	75 013,879	1 539 642,050	20,525	20,059
7	19	99 070	71 591,678	1 464 628,170	20,458	19,992
8	20	99 044	68 327,445	1 393 036,493	20,388	19,922
9	21	99 017	65 211,428	1 324 709,048	20,314	19,848
10	22	98 993	62 239,100	1 259 497,620	20,236	19,770
11	23	98 969	59 402,421	1 197 258,520	20,155	19,689
12	24	98 943	56 694,162	1 137 856,098	20,070	19,604
13	25	98 919	54 109,841	1 081 161,937	19,981	19,515
14	26	98 890	51 641,394	1 027 052,096	19,888	19,422
15	27	98 858	49 283,695	975 410,701	19,792	19,326
16	28	98 821	47 031,230	926 127,006	19,692	19,226
17	29	98 774	44 876,860	879 095,776	19,589	19,123
18	30	98 721	42 819,017	834 218,916	19,482	19,016
19	31	98 652	40 848,722	791 399,898	19,374	18,908
20	32	98 582	38 968,646	750 551,176	19,260	18,794
21	33	98 505	37 172,765	711 582,531	19,143	18,677
22	34	98 430	35 459,963	674 409,765	19,019	18,553
23	35	98 345	33 822,899	638 949,802	18,891	18,425
24	36	98 264	32 262,638	605 126,903	18,756	18,290
25	37	98 173	30 770,914	572 864,266	18,617	18,151
26	38	98 083	29 348,773	542 093,352	18,471	18,005
27	39	97 979	27 988,171	512 744,579	18,320	17,854
28	40	97 875	26 690,623	484 756,408	18,162	17,696
29	41	97 760	25 450,491	458 065,785	17,998	17,532
30	42	97 637	24 265,761	432 615,294	17,828	17,362
31	43	97 505	23 134,022	408 349,533	17,651	17,185
32	44	97 356	22 051,341	385 215,511	17,469	17,003
33	45	97 200	21 017,634	363 164,170	17,279	16,813
34	46	97 017	20 026,784	342 146,535	17,084	16,618
35	47	96 824	19 080,676	322 119,751	16,882	16,416
36	48	96 614	18 175,889	303 039,075	16,673	16,207
37	49	96 377	17 309,135	284 863,186	16,457	15,991
38	50	96 115	16 479,186	267 554,051	16,236	15,770
39	51	95 834	15 686,000	251 074,865	16,006	15,540
40	52	95 522	14 925,969	235 388,865	15,770	15,304
41	53	95 181	14 198,297	220 462,896	15,527	15,061
42	54	94 810	13 501,624	206 264,599	15,277	14,811
43	55	94 400	12 833,629	192 762,974	15,020	14,554
44	56	93 949	12 193,109	179 929,346	14,757	14,291
45	57	93 445	11 577,709	167 736,237	14,488	14,022
46	58	92 896	10 987,769	156 158,529	14,212	13,746
47	59	92 290	10 421,135	145 170,760	13,930	13,464
48	60	91 638	9 878,309	134 749,625	13,641	13,175
49	61	90 913	9 355,702	124 871,316	13,347	12,881
50	62	90 127	8 854,288	115 515,614	13,046	12,580
51	63	89 276	8 373,001	106 661,326	12,739	12,273
52	64	88 346	7 909,981	98 288,325	12,426	11,960
53	65	87 322	7 463,832	90 378,344	12,109	11,643
54	66	86 219	7 035,380	82 914,511	11,785	11,319
55	67	85 010	6 622,111	75 879,131	11,458	10,992
56	68	83 706	6 224,856	69 257,020	11,126	10,660
57	69	82 284	5 841,654	63 032,164	10,790	10,324
58	70	80 737	5 471,902	57 190,510	10,452	9,986
59	71	79 070	5 115,889	51 718,608	10,109	9,643
60	72	77 289	4 773,936	46 602,719	9,762	9,296
61	73	75 396	4 445,802	41 828,783	9,409	8,943
62	74	73 355	4 129,355	37 382,981	9,053	8,587
63	75	71 186	3 825,532	33 253,626	8,693	8,227
64	76	68 911	3 535,339	29 428,095	8,324	7,858
65	77	66 464	3 255,175	25 892,755	7,954	7,488
66	78	63 882	2 986,835	22 637,580	7,579	7,113
67	79	61 097	2 727,078	19 650,746	7,206	6,740
68	80	58 112	2 476,251	16 923,668	6,834	6,368
69	81	54 920	2 234,081	14 447,417	6,467	6,001
70	82	51 467	1 998,681	12 213,336	6,111	5,645
71	83	47 834	1 773,378	10 214,655	5,760	5,294
72	84	44 010	1 557,604	8 441,278	5,419	4,953
73	85	40 065	1 353,679	6 883,674	5,085	4,619
74	86	35 951	1 159,599	5 529,995	4,769	4,303
75	87	31 796	979,094	4 370,397	4,464	3,998
76	88	27 656	812,992	3 391,302	4,171	3,705
77	89	23 587	661,935	2 578,310	3,895	3,429
78	90	19 697	527,688	1 916,375	3,632	3,166
79	91	16 028	409,940	1 388,687	3,388	2,922
80	92	12 668	309,307	978,747	3,164	2,698
81	93	9 712	226,379	669,440	2,957	2,491
82	94	7 187	159,919	443,062	2,771	2,305
83	95	5 131	108,990	283,142	2,598	2,132
84	96	3 521	71,413	174,152	2,439	1,973
85	97	2 284	44,220	102,739	2,323	1,857
86	98	1 434	26,494	58,519	2,209	1,743
87	99	869	15,328	32,024	2,089	1,623
88	100	500	8,421	16,696	1,983	1,517

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 586	99 585,848	2 067 942,683	20,765	20,299
1	14	99 222	94 722,433	1 968 356,834	20,780	20,314
2	15	99 185	90 393,813	1 873 634,401	20,727	20,261
3	16	99 158	86 270,840	1 783 240,589	20,670	20,204
4	17	99 132	82 337,699	1 696 969,749	20,610	20,144
5	18	99 108	78 584,933	1 614 632,050	20,546	20,080
6	19	99 079	74 999,100	1 536 047,117	20,481	20,015
7	20	99 052	71 579,164	1 461 048,016	20,412	19,946
8	21	99 026	68 314,813	1 389 468,852	20,339	19,873
9	22	99 001	65 200,674	1 321 154,040	20,263	19,797
10	23	98 977	62 228,967	1 255 953,365	20,183	19,717
11	24	98 951	59 391,731	1 193 724,398	20,099	19,633
12	25	98 926	56 683,960	1 134 332,667	20,012	19,546
13	26	98 900	54 099,548	1 077 648,707	19,920	19,454
14	27	98 872	51 631,676	1 023 549,159	19,824	19,358
15	28	98 837	49 273,090	971 917,483	19,725	19,259
16	29	98 798	47 020,147	922 644,393	19,622	19,156
17	30	98 748	44 865,248	875 624,245	19,517	19,051
18	31	98 690	42 805,438	830 758,998	19,408	18,942
19	32	98 621	40 835,896	787 953,559	19,296	18,830
20	33	98 548	38 955,294	747 117,664	19,179	18,713
21	34	98 470	37 159,371	708 162,370	19,057	18,591
22	35	98 390	35 445,567	671 002,999	18,931	18,465
23	36	98 305	33 808,959	635 557,433	18,798	18,332
24	37	98 219	32 247,845	601 748,473	18,660	18,194
25	38	98 126	30 756,308	569 500,628	18,517	18,051
26	39	98 024	29 331,068	538 744,320	18,368	17,902
27	40	97 920	27 971,346	509 413,252	18,212	17,746
28	41	97 808	26 672,322	481 441,906	18,050	17,584
29	42	97 688	25 431,651	454 769,584	17,882	17,416
30	43	97 560	24 246,500	429 337,933	17,707	17,241
31	44	97 416	23 113,015	405 091,434	17,527	17,061
32	45	97 262	22 029,939	381 978,419	17,339	16,873
33	46	97 088	20 993,417	359 948,480	17,146	16,680
34	47	96 899	20 002,401	338 955,063	16,946	16,480
35	48	96 692	19 054,530	318 952,662	16,739	16,273
36	49	96 460	18 146,916	299 898,132	16,526	16,060
37	50	96 209	17 278,877	281 751,216	16,306	15,840
38	51	95 936	16 448,646	264 472,339	16,079	15,613
39	52	95 629	15 652,389	248 023,692	15,846	15,380
40	53	95 299	14 891,148	232 371,303	15,605	15,139
41	54	94 937	14 161,841	217 480,155	15,357	14,891
42	55	94 536	13 462,622	203 318,315	15,102	14,636
43	56	94 094	12 791,978	189 855,692	14,842	14,376
44	57	93 613	12 149,494	177 063,714	14,574	14,108
45	58	93 078	11 532,276	164 914,220	14,300	13,834
46	59	92 492	10 939,978	153 381,944	14,020	13,554
47	60	91 856	10 372,089	142 441,966	13,733	13,267
48	61	91 155	9 826,192	132 069,877	13,441	12,975
49	62	90 396	9 302,507	122 243,685	13,141	12,675
50	63	89 574	8 799,972	112 941,178	12,834	12,368
51	64	88 674	8 316,493	104 141,206	12,522	12,056
52	65	87 685	7 850,872	95 824,714	12,206	11,740
53	66	86 626	7 404,342	87 973,841	11,881	11,415
54	67	85 464	6 973,736	80 569,499	11,553	11,087
55	68	84 204	6 559,319	73 595,763	11,220	10,754
56	69	82 830	6 159,708	67 036,445	10,883	10,417
57	70	81 333	5 774,156	60 876,736	10,543	10,077
58	71	79 720	5 402,963	55 102,580	10,199	9,733
59	72	77 986	5 045,792	49 699,617	9,850	9,384
60	73	76 144	4 703,216	44 653,825	9,494	9,028
61	74	74 158	4 372,819	39 950,609	9,136	8,670
62	75	72 047	4 055,674	35 577,789	8,772	8,306
63	76	69 817	3 751,961	31 522,115	8,402	7,935
64	77	67 425	3 459,096	27 770,154	8,028	7,562
65	78	64 882	3 177,713	24 311,058	7,650	7,184
66	79	62 128	2 904,852	21 133,344	7,275	6,809
67	80	59 177	2 641,408	18 228,492	6,901	6,435
68	81	55 994	2 385,963	15 587,084	6,533	6,067
69	82	52 576	2 138,744	13 201,121	6,172	5,706
70	83	48 925	1 899,988	11 062,377	5,822	5,356
71	84	45 121	1 672,807	9 162,389	5,477	5,011
72	85	41 142	1 456,105	7 489,582	5,144	4,678
73	86	37 015	1 250,631	6 033,477	4,824	4,358
74	87	32 816	1 058,505	4 782,847	4,518	4,052
75	88	28 618	881,238	3 724,342	4,226	3,760
76	89	24 498	720,147	2 843,104	3,948	3,482
77	90	20 532	576,203	2 122,957	3,684	3,218
78	91	16 792	449,867	1 546,754	3,438	2,972
79	92	13 341	341,220	1 096,887	3,215	2,749
80	93	10 293	251,311	755,668	3,007	2,541
81	94	7 683	179,071	504,356	2,817	2,351
82	95	5 533	123,112	325,285	2,642	2,176
83	96	3 834	81,440	202,173	2,482	2,016
84	97	2 516	51,014	120,734	2,367	1,901
85	98	1 601	30,998	69,720	2,249	1,783
86	99	985	18,198	38,722	2,128	1,662
87	100	576	10,163	20,524	2,019	1,553

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,466	2 064 059,610	20,728	20,262
1	15	99 213	94 713,699	1 964 483,144	20,741	20,275
2	16	99 173	90 382,814	1 869 769,445	20,687	20,221
3	17	99 143	86 258,137	1 779 386,630	20,629	20,163
4	18	99 119	82 326,488	1 693 128,493	20,566	20,100
5	19	99 089	78 569,450	1 610 802,005	20,502	20,036
6	20	99 061	74 985,991	1 532 232,555	20,434	19,968
7	21	99 034	71 565,931	1 457 246,564	20,362	19,896
8	22	99 009	68 303,548	1 385 680,633	20,287	19,821
9	23	98 985	65 190,059	1 317 377,086	20,208	19,742
10	24	98 959	62 217,768	1 252 187,026	20,126	19,660
11	25	98 933	59 381,044	1 189 969,258	20,040	19,574
12	26	98 907	56 673,178	1 130 588,214	19,949	19,483
13	27	98 881	54 089,367	1 073 915,036	19,854	19,388
14	28	98 851	51 620,565	1 019 825,669	19,756	19,290
15	29	98 814	49 261,480	968 205,104	19,654	19,188
16	30	98 773	47 007,980	918 943,625	19,549	19,083
17	31	98 717	44 851,019	871 935,645	19,441	18,975
18	32	98 659	42 791,997	827 084,625	19,328	18,862
19	33	98 587	40 821,904	784 292,628	19,213	18,747
20	34	98 512	38 941,257	743 470,724	19,092	18,626
21	35	98 430	37 144,284	704 529,467	18,967	18,501
22	36	98 349	35 430,959	667 385,183	18,836	18,370
23	37	98 260	33 793,458	631 954,224	18,700	18,234
24	38	98 173	32 232,539	598 160,766	18,558	18,092
25	39	98 067	30 737,754	565 928,228	18,412	17,945
26	40	97 965	29 313,436	535 190,473	18,258	17,792
27	41	97 853	27 952,166	505 877,038	18,098	17,632
28	42	97 735	26 652,577	477 924,872	17,932	17,466
29	43	97 611	25 411,464	451 272,294	17,759	17,293
30	44	97 471	24 224,482	425 860,830	17,580	17,114
31	45	97 322	23 090,582	401 636,348	17,394	16,928
32	46	97 150	22 004,555	378 545,766	17,203	16,737
33	47	96 970	20 967,857	356 541,211	17,004	16,538
34	48	96 766	19 974,992	335 573,354	16,800	16,334
35	49	96 538	19 024,156	315 598,362	16,589	16,123
36	50	96 292	18 115,194	296 574,205	16,372	15,906
37	51	96 030	17 246,856	278 459,012	16,145	15,679
38	52	95 731	16 413,402	261 212,156	15,915	15,449
39	53	95 406	15 615,873	244 798,754	15,676	15,210
40	54	95 055	14 852,912	229 182,881	15,430	14,964
41	55	94 663	14 120,931	214 329,969	15,178	14,712
42	56	94 230	13 418,930	200 209,037	14,920	14,454
43	57	93 757	12 746,221	186 790,107	14,655	14,189
44	58	93 246	12 101,818	174 043,886	14,382	13,916
45	59	92 673	11 482,117	161 942,068	14,104	13,638
46	60	92 056	10 888,491	150 459,950	13,818	13,352
47	61	91 371	10 317,366	139 571,459	13,528	13,062
48	62	90 636	9 770,321	129 254,093	13,229	12,763
49	63	89 841	9 245,441	119 483,772	12,924	12,458
50	64	88 970	8 740,582	110 238,331	12,612	12,146
51	65	88 011	8 254,346	101 497,749	12,296	11,830
52	66	86 987	7 788,298	93 243,403	11,972	11,506
53	67	85 867	7 339,464	85 455,105	11,643	11,177
54	68	84 654	6 907,609	78 115,641	11,309	10,843
55	69	83 322	6 490,671	71 208,032	10,971	10,505
56	70	81 873	6 088,535	64 717,360	10,629	10,163
57	71	80 309	5 701,408	58 628,825	10,283	9,817
58	72	78 627	5 328,933	52 927,417	9,932	9,466
59	73	76 831	4 971,046	47 598,484	9,575	9,109
60	74	74 894	4 626,008	42 627,438	9,215	8,749
61	75	72 835	4 294,794	38 001,430	8,848	8,382
62	76	70 661	3 977,678	33 706,636	8,474	8,008
63	77	68 312	3 671,047	29 728,958	8,098	7,632
64	78	65 820	3 376,782	26 057,911	7,717	7,251
65	79	63 101	3 090,491	22 681,129	7,339	6,873
66	80	60 177	2 813,598	19 590,638	6,963	6,497
67	81	57 020	2 545,098	16 777,040	6,592	6,126
68	82	53 604	2 284,145	14 231,942	6,231	5,765
69	83	49 980	2 033,135	11 947,797	5,877	5,411
70	84	46 151	1 792,237	9 914,662	5,532	5,066
71	85	42 181	1 563,801	8 122,425	5,194	4,728
72	86	38 010	1 345,260	6 558,624	4,875	4,409
73	87	33 788	1 141,601	5 213,364	4,567	4,101
74	88	29 537	952,712	4 071,763	4,274	3,808
75	89	25 350	780,599	3 119,051	3,996	3,530
76	90	21 325	626,875	2 338,452	3,730	3,264
77	91	17 504	491,226	1 711,577	3,484	3,018
78	92	13 977	374,454	1 220,351	3,259	2,793
79	93	10 840	277,240	845,897	3,051	2,585
80	94	8 142	198,794	568,657	2,861	2,395
81	95	5 914	137,855	369,863	2,683	2,217
82	96	4 134	91,992	232,008	2,522	2,056
83	97	2 739	58,176	140,016	2,407	1,941
84	98	1 763	35,760	81,840	2,289	1,823
85	99	1 100	21,292	46,080	2,164	1,698
86	100	653	12,066	24,788	2,054	1,588

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 567	99 567,285	2 059 938,358	20,689	20,223
1	16	99 201	94 702,175	1 960 371,074	20,700	20,234
2	17	99 159	90 369,506	1 865 668,898	20,645	20,179
3	18	99 130	86 246,392	1 775 299,392	20,584	20,118
4	19	99 099	82 310,268	1 689 053,001	20,521	20,055
5	20	99 071	78 555,717	1 606 742,733	20,454	19,988
6	21	99 043	74 972,128	1 528 187,015	20,383	19,917
7	22	99 018	71 554,130	1 453 214,887	20,309	19,843
8	23	98 993	68 292,427	1 381 660,758	20,232	19,766
9	24	98 967	65 178,327	1 313 368,331	20,150	19,684
10	25	98 941	62 206,573	1 248 190,003	20,065	19,599
11	26	98 914	59 369,749	1 185 983,430	19,976	19,510
12	27	98 888	56 662,512	1 126 613,682	19,883	19,417
13	28	98 860	54 077,727	1 069 951,170	19,785	19,319
14	29	98 827	51 608,401	1 015 873,442	19,684	19,218
15	30	98 788	49 248,732	964 265,041	19,579	19,113
16	31	98 741	46 993,072	915 016,309	19,471	19,005
17	32	98 686	44 836,936	868 023,236	19,360	18,894
18	33	98 625	42 777,336	823 186,300	19,244	18,778
19	34	98 552	40 807,194	780 408,964	19,124	18,658
20	35	98 472	38 925,447	739 601,770	19,000	18,534
21	36	98 389	37 128,976	700 676,323	18,871	18,405
22	37	98 304	35 414,714	663 547,347	18,736	18,270
23	38	98 213	33 777,417	628 132,634	18,596	18,130
24	39	98 114	32 213,094	594 355,216	18,451	17,985
25	40	98 008	30 719,276	562 142,122	18,299	17,833
26	41	97 898	29 293,336	531 422,845	18,141	17,675
27	42	97 781	27 931,474	502 129,510	17,977	17,511
28	43	97 658	26 631,421	474 198,036	17,806	17,340
29	44	97 522	25 388,389	447 566,614	17,629	17,163
30	45	97 376	24 200,971	422 178,225	17,445	16,979
31	46	97 210	23 063,976	397 977,255	17,255	16,789
32	47	97 031	21 977,764	374 913,279	17,059	16,593
33	48	96 837	20 939,125	352 935,514	16,855	16,389
34	49	96 612	19 943,151	331 996,389	16,647	16,181
35	50	96 369	18 990,901	312 053,239	16,432	15,966
36	51	96 113	18 081,622	293 062,338	16,208	15,742
37	52	95 825	17 209,901	274 980,715	15,978	15,512
38	53	95 507	16 375,110	257 770,814	15,742	15,276
39	54	95 161	15 575,776	241 395,704	15,498	15,032
40	55	94 780	14 810,007	225 819,928	15,248	14,782
41	56	94 355	14 075,103	211 009,921	14,992	14,526
42	57	93 893	13 370,931	196 934,818	14,729	14,263
43	58	93 389	12 696,203	183 563,887	14,458	13,992
44	59	92 840	12 049,182	170 867,684	14,181	13,715
45	60	92 237	11 428,079	158 818,501	13,897	13,431
46	61	91 571	10 831,044	147 390,423	13,608	13,142
47	62	90 851	10 258,703	136 559,379	13,312	12,846
48	63	90 080	9 710,386	126 300,676	13,007	12,541
49	64	89 235	9 183,045	116 590,291	12,696	12,230
50	65	88 305	8 675,266	107 407,246	12,381	11,915
51	66	87 310	8 188,556	98 731,980	12,057	11,591
52	67	86 224	7 720,056	90 543,424	11,728	11,262
53	68	85 053	7 269,870	82 823,369	11,393	10,927
54	69	83 768	6 835,316	75 553,499	11,053	10,587
55	70	82 360	6 415,674	68 718,182	10,711	10,245
56	71	80 841	6 011,827	62 302,508	10,363	9,897
57	72	79 208	5 623,289	56 290,681	10,010	9,544
58	73	77 463	5 249,992	50 667,392	9,651	9,185
59	74	75 570	4 889,441	45 417,400	9,289	8,823
60	75	73 558	4 543,465	40 527,959	8,920	8,454
61	76	71 434	4 212,200	35 984,494	8,543	8,077
62	77	69 137	3 891,896	31 772,295	8,164	7,698
63	78	66 686	3 583,689	27 880,399	7,780	7,314
64	79	64 014	3 284,096	24 296,710	7,398	6,932
65	80	61 119	2 993,405	21 012,614	7,020	6,554
66	81	57 983	2 711,010	18 019,209	6,647	6,181
67	82	54 586	2 436,489	15 308,200	6,283	5,817
68	83	50 957	2 171,356	12 871,711	5,928	5,462
69	84	47 145	1 917,833	10 700,354	5,579	5,113
70	85	43 143	1 675,449	8 782,521	5,242	4,776
71	86	38 970	1 444,758	7 107,072	4,919	4,453
72	87	34 696	1 227,980	5 662,315	4,611	4,145
73	88	30 411	1 027,503	4 434,335	4,316	3,850
74	89	26 163	843,911	3 406,832	4,037	3,571
75	90	22 067	679,497	2 562,921	3,772	3,306
76	91	18 180	534,426	1 883,424	3,524	3,058
77	92	14 570	408,880	1 348,998	3,299	2,833
78	93	11 356	304,243	940,118	3,090	2,624
79	94	8 575	219,304	635,875	2,900	2,434
80	95	6 268	153,038	416,571	2,722	2,256
81	96	4 419	103,009	263,533	2,558	2,092
82	97	2 953	65,714	160,524	2,443	1,977
83	98	1 920	40,780	94,810	2,325	1,859
84	99	1 211	24,563	54,029	2,200	1,734
85	100	729	14,117	29,467	2,087	1,621

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 555	99 555,170	2 055 568,313	20,648	20,182
1	17	99 186	94 688,231	1 956 013,143	20,657	20,191
2	18	99 145	90 357,201	1 861 324,912	20,600	20,134
3	19	99 110	86 229,400	1 770 967,711	20,538	20,072
4	20	99 082	82 295,881	1 684 738,311	20,472	20,006
5	21	99 053	78 541,194	1 602 442,430	20,403	19,937
6	22	99 027	74 959,765	1 523 901,236	20,330	19,864
7	23	99 002	71 542,480	1 448 941,471	20,253	19,787
8	24	98 975	68 280,137	1 377 398,991	20,173	19,707
9	25	98 949	65 166,599	1 309 118,854	20,089	19,623
10	26	98 922	62 194,740	1 243 952,255	20,001	19,535
11	27	98 896	59 358,576	1 181 757,515	19,909	19,443
12	28	98 867	56 650,319	1 122 398,940	19,813	19,347
13	29	98 837	54 064,984	1 065 748,620	19,712	19,246
14	30	98 802	51 595,047	1 011 683,636	19,608	19,142
15	31	98 757	49 233,114	960 088,589	19,501	19,035
16	32	98 710	46 978,317	910 855,475	19,389	18,923
17	33	98 652	44 821,574	863 877,159	19,274	18,808
18	34	98 589	42 761,922	819 055,585	19,154	18,688
19	35	98 512	40 790,627	776 293,663	19,031	18,565
20	36	98 432	38 909,405	735 503,036	18,903	18,437
21	37	98 344	37 111,952	696 593,632	18,770	18,304
22	38	98 258	35 397,903	659 481,679	18,631	18,165
23	39	98 154	33 757,041	624 083,776	18,488	18,022
24	40	98 055	32 193,730	590 326,735	18,337	17,871
25	41	97 941	30 698,212	558 133,005	18,181	17,715
26	42	97 825	29 271,651	527 434,793	18,019	17,553
27	43	97 703	27 909,303	498 163,142	17,849	17,383
28	44	97 569	26 607,238	470 253,839	17,674	17,208
29	45	97 427	25 363,748	443 646,600	17,491	17,025
30	46	97 264	24 173,085	418 282,853	17,304	16,838
31	47	97 091	23 035,895	394 109,767	17,109	16,642
32	48	96 898	21 947,648	371 073,872	16,907	16,441
33	49	96 683	20 905,747	349 126,224	16,700	16,234
34	50	96 443	19 908,289	328 220,477	16,487	16,021
35	51	96 190	18 955,707	308 312,188	16,265	15,799
36	52	95 907	18 042,879	289 356,482	16,037	15,571
37	53	95 601	17 169,751	271 313,603	15,802	15,336
38	54	95 262	16 333,064	254 143,851	15,560	15,094
39	55	94 886	15 530,783	237 810,787	15,312	14,846
40	56	94 472	14 761,941	222 280,004	15,058	14,592
41	57	94 018	14 024,756	207 518,063	14,797	14,331
42	58	93 524	13 318,462	193 493,306	14,528	14,062
43	59	92 983	12 640,982	180 174,845	14,253	13,787
44	60	92 403	11 992,475	167 533,862	13,970	13,504
45	61	91 750	11 367,784	155 541,387	13,683	13,217
46	62	91 050	10 769,460	144 173,603	13,387	12,921
47	63	90 294	10 195,772	133 404,143	13,084	12,618
48	64	89 472	9 644,851	123 208,372	12,775	12,309
49	65	88 568	9 114,423	113 563,521	12,460	11,994
50	66	87 601	8 606,121	104 449,098	12,137	11,671
51	67	86 545	8 116,807	95 842,977	11,808	11,342
52	68	85 407	7 646,852	87 726,171	11,472	11,006
53	69	84 163	7 193,786	80 079,319	11,132	10,666
54	70	82 800	6 756,337	72 885,533	10,788	10,322
55	71	81 322	6 334,844	66 129,196	10,439	9,973
56	72	79 733	5 929,455	59 794,351	10,084	9,618
57	73	78 035	5 539,988	53 864,897	9,723	9,257
58	74	76 191	5 163,807	48 324,909	9,358	8,892
59	75	74 221	4 802,198	43 161,101	8,988	8,522
60	76	72 143	4 456,088	38 358,904	8,608	8,142
61	77	69 893	4 121,360	33 902,816	8,226	7,760
62	78	67 492	3 799,282	29 781,456	7,839	7,373
63	79	64 856	3 485,324	25 982,174	7,455	6,989
64	80	62 003	3 180,928	22 496,851	7,072	6,606
65	81	58 891	2 884,261	19 315,923	6,697	6,231
66	82	55 508	2 595,320	16 431,662	6,331	5,865
67	83	51 891	2 316,178	13 836,342	5,974	5,508
68	84	48 067	2 048,215	11 520,164	5,624	5,158
69	85	44 073	1 792,861	9 471,948	5,283	4,817
70	86	39 859	1 547,906	7 679,087	4,961	4,495
71	87	35 573	1 318,804	6 131,181	4,649	4,183
72	88	31 228	1 105,249	4 812,377	4,354	3,888
73	89	26 938	910,160	3 707,129	4,073	3,607
74	90	22 775	734,609	2 796,969	3,807	3,341
75	91	18 813	579,288	2 062,360	3,560	3,094
76	92	15 132	444,838	1 483,072	3,334	2,868
77	93	11 838	332,214	1 038,234	3,125	2,659
78	94	8 983	240,664	706,020	2,934	2,468
79	95	6 601	168,828	465,356	2,756	2,290
80	96	4 684	114,354	296,528	2,593	2,127
81	97	3 157	73,584	182,174	2,476	2,010
82	98	2 070	46,064	108,590	2,357	1,891
83	99	1 319	28,011	62,526	2,232	1,766
84	100	803	16,286	34,515	2,119	1,653

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 541	99 540,511	2 050 941,705	20,604	20,138
1	18	99 172	94 675,338	1 951 401,194	20,612	20,145
2	19	99 125	90 339,399	1 856 725,856	20,553	20,087
3	20	99 093	86 214,328	1 766 386,457	20,488	20,022
4	21	99 064	82 280,666	1 680 172,129	20,420	19,954
5	22	99 037	78 528,243	1 597 891,463	20,348	19,882
6	23	99 011	74 947,561	1 519 363,220	20,272	19,806
7	24	98 984	71 529,605	1 444 415,659	20,193	19,727
8	25	98 957	68 267,851	1 372 886,054	20,110	19,644
9	26	98 930	65 154,203	1 304 618,204	20,024	19,558
10	27	98 904	62 183,035	1 239 464,001	19,933	19,467
11	28	98 875	59 345,802	1 177 280,966	19,838	19,372
12	29	98 844	56 636,970	1 117 935,163	19,739	19,273
13	30	98 811	54 050,994	1 061 298,193	19,635	19,169
14	31	98 770	51 578,684	1 007 247,199	19,528	19,062
15	32	98 726	49 217,655	955 668,515	19,417	18,951
16	33	98 676	46 962,220	906 450,860	19,302	18,836
17	34	98 616	44 805,423	859 488,639	19,183	18,717
18	35	98 549	42 744,560	814 683,216	19,059	18,593
19	36	98 471	40 773,816	771 938,656	18,932	18,466
20	37	98 387	38 891,565	731 164,840	18,800	18,334
21	38	98 297	37 094,337	692 273,275	18,663	18,196
22	39	98 198	35 376,550	655 178,939	18,520	18,054
23	40	98 095	33 736,748	619 802,389	18,372	17,906
24	41	97 987	32 171,654	586 065,641	18,217	17,751
25	42	97 868	30 675,488	553 893,986	18,057	17,591
26	43	97 748	29 248,416	523 218,499	17,889	17,423
27	44	97 614	27 883,960	493 970,082	17,715	17,249
28	45	97 474	26 581,414	466 086,123	17,534	17,068
29	46	97 315	25 334,523	439 504,709	17,348	16,882
30	47	97 146	24 143,654	414 170,186	17,154	16,688
31	48	96 958	23 004,329	390 026,532	16,954	16,488
32	49	96 744	21 912,662	367 022,202	16,749	16,283
33	50	96 514	20 869,202	345 109,540	16,537	16,071
34	51	96 264	19 871,395	324 240,338	16,317	15,851
35	52	95 984	18 915,090	304 368,943	16,091	15,625
36	53	95 683	18 000,786	285 453,853	15,858	15,392
37	54	95 356	17 125,665	267 453,067	15,617	15,151
38	55	94 987	16 285,883	250 327,402	15,371	14,905
39	56	94 578	15 480,378	234 041,519	15,119	14,653
40	57	94 134	14 709,139	218 561,141	14,859	14,393
41	58	93 649	13 969,721	203 852,002	14,592	14,126
42	59	93 117	13 260,534	189 882,281	14,319	13,853
43	60	92 546	12 581,489	176 621,747	14,038	13,572
44	61	91 916	11 929,203	164 040,257	13,751	13,285
45	62	91 229	11 303,149	152 111,054	13,457	12,991
46	63	90 491	10 703,395	140 807,906	13,155	12,689
47	64	89 685	10 126,961	130 104,511	12,847	12,381
48	65	88 804	9 572,778	119 977,549	12,533	12,067
49	66	87 862	9 041,777	110 404,771	12,211	11,745
50	67	86 833	8 530,713	101 362,994	11,882	11,416
51	68	85 724	8 039,841	92 832,281	11,547	11,081
52	69	84 513	7 566,823	84 792,440	11,206	10,740
53	70	83 191	7 110,665	77 225,617	10,861	10,395
54	71	81 757	6 671,215	70 114,953	10,510	10,044
55	72	80 208	6 248,046	63 443,737	10,154	9,688
56	73	78 552	5 841,618	57 195,692	9,791	9,325
57	74	76 754	5 449,042	51 354,074	9,424	8,958
58	75	74 832	5 071,669	45 905,031	9,051	8,585
59	76	72 794	4 709,845	40 833,362	8,670	8,204
60	77	70 587	4 359,988	36 123,518	8,285	7,819
61	78	68 230	4 023,286	31 763,530	7,895	7,429
62	79	65 639	3 694,999	27 740,244	7,508	7,042
63	80	62 818	3 375,834	24 045,245	7,123	6,657
64	81	59 742	3 064,946	20 669,411	6,744	6,278
65	82	56 378	2 761,179	17 604,464	6,376	5,910
66	83	52 767	2 467,166	14 843,286	6,016	5,550
67	84	48 948	2 184,824	12 376,120	5,665	5,199
68	85	44 935	1 914,747	10 191,295	5,323	4,857
69	86	40 718	1 656,380	8 276,548	4,997	4,531
70	87	36 384	1 412,960	6 620,168	4,685	4,219
71	88	32 017	1 186,995	5 207,208	4,387	3,921
72	89	27 662	979,027	4 020,213	4,106	3,640
73	90	23 449	792,278	3 041,186	3,839	3,373
74	91	19 416	626,272	2 248,908	3,591	3,125
75	92	15 659	482,179	1 622,636	3,365	2,899
76	93	12 295	361,430	1 140,457	3,155	2,689
77	94	9 364	262,790	779,027	2,964	2,498
78	95	6 915	185,272	516,237	2,786	2,320
79	96	4 932	126,152	330,966	2,624	2,158
80	97	3 346	81,688	204,814	2,507	2,041
81	98	2 213	51,581	123,125	2,387	1,921
82	99	1 422	31,641	71,544	2,261	1,795
83	100	874	18,572	39,904	2,149	1,683

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 527	99 526,958	2 046 050,056	20,558	20,092
1	19	99 153	94 656,685	1 946 523,099	20,564	20,098
2	20	99 108	90 323,609	1 851 866,414	20,503	20,037
3	21	99 074	86 198,388	1 761 542,805	20,436	19,970
4	22	99 047	82 267,098	1 675 344,416	20,365	19,899
5	23	99 021	78 515,458	1 593 077,318	20,290	19,824
6	24	98 993	74 934,073	1 514 561,860	20,212	19,746
7	25	98 966	71 516,734	1 439 627,787	20,130	19,664
8	26	98 939	68 254,865	1 368 111,053	20,044	19,578
9	27	98 912	65 141,941	1 299 856,189	19,954	19,488
10	28	98 882	62 169,654	1 234 714,247	19,860	19,394
11	29	98 851	59 331,818	1 172 544,593	19,762	19,296
12	30	98 818	56 622,314	1 113 212,775	19,660	19,194
13	31	98 780	54 033,853	1 056 590,461	19,554	19,088
14	32	98 739	51 562,489	1 002 556,608	19,444	18,978
15	33	98 692	49 200,791	950 994,119	19,329	18,863
16	34	98 641	46 945,298	901 793,328	19,209	18,743
17	35	98 576	44 787,232	854 848,029	19,087	18,621
18	36	98 509	42 726,944	810 060,797	18,959	18,493
19	37	98 426	40 755,121	767 333,853	18,828	18,362
20	38	98 340	38 873,104	726 578,732	18,691	18,225
21	39	98 238	37 071,959	687 705,628	18,551	18,085
22	40	98 139	35 355,283	650 633,668	18,403	17,937
23	41	98 028	33 713,615	615 278,385	18,250	17,784
24	42	97 915	32 147,839	581 564,770	18,090	17,624
25	43	97 791	30 651,139	549 416,931	17,925	17,459
26	44	97 659	29 221,857	518 765,792	17,753	17,287
27	45	97 520	27 856,896	489 543,936	17,574	17,108
28	46	97 362	26 550,786	461 687,039	17,389	16,923
29	47	97 196	25 303,678	435 136,253	17,197	16,731
30	48	97 013	24 110,570	409 832,576	16,998	16,532
31	49	96 804	22 967,659	385 722,005	16,794	16,328
32	50	96 575	21 874,358	362 754,346	16,584	16,118
33	51	96 335	20 830,527	340 879,989	16,364	15,898
34	52	96 058	19 828,816	320 049,462	16,141	15,675
35	53	95 760	18 870,962	300 220,645	15,909	15,443
36	54	95 438	17 954,565	281 349,683	15,670	15,204
37	55	95 080	17 076,194	263 395,118	15,425	14,959
38	56	94 679	16 233,028	246 318,923	15,174	14,708
39	57	94 239	15 425,006	230 085,895	14,916	14,450
40	58	93 765	14 651,418	214 660,890	14,651	14,185
41	59	93 242	13 908,961	200 009,472	14,380	13,914
42	60	92 679	13 198,126	186 100,510	14,101	13,635
43	61	92 057	12 515,110	172 902,385	13,815	13,349
44	62	91 393	11 861,375	160 387,275	13,522	13,056
45	63	90 669	11 233,810	148 525,900	13,221	12,755
46	64	89 881	10 631,159	137 292,090	12,914	12,448
47	65	89 015	10 051,286	126 660,931	12,601	12,135
48	66	88 096	9 496,479	116 609,645	12,279	11,813
49	67	87 092	8 962,552	107 113,166	11,951	11,485
50	68	86 010	8 449,823	98 150,614	11,616	11,150
51	69	84 827	7 955,699	89 700,792	11,275	10,809
52	70	83 536	7 479,391	81 745,093	10,929	10,463
53	71	82 142	7 021,079	74 265,702	10,578	10,112
54	72	80 636	6 579,808	67 244,623	10,220	9,754
55	73	79 020	6 155,490	60 664,815	9,855	9,389
56	74	77 263	5 745,721	54 509,325	9,487	9,021
57	75	75 384	5 351,814	48 763,604	9,112	8,646
58	76	73 392	4 974,134	43 411,790	8,728	8,261
59	77	71 224	4 608,272	38 437,656	8,341	7,875
60	78	68 908	4 256,236	33 829,384	7,948	7,482
61	79	66 357	3 912,854	29 573,148	7,558	7,092
62	80	63 577	3 578,923	25 660,294	7,170	6,704
63	81	60 528	3 252,746	22 081,371	6,789	6,323
64	82	57 193	2 934,153	18 828,625	6,417	5,951
65	83	53 594	2 624,834	15 894,471	6,055	5,589
66	84	49 775	2 327,250	13 269,637	5,702	5,236
67	85	45 759	2 042,454	10 942,387	5,357	4,891
68	86	41 514	1 768,988	8 899,933	5,031	4,565
69	87	37 168	1 511,977	7 130,946	4,716	4,250
70	88	32 748	1 271,741	5 618,969	4,418	3,952
71	89	28 361	1 051,438	4 347,228	4,135	3,669
72	90	24 079	852,226	3 295,790	3,867	3,401
73	91	19 991	675,436	2 443,564	3,618	3,152
74	92	16 161	521,287	1 768,129	3,392	2,926
75	93	12 723	391,770	1 246,842	3,183	2,717
76	94	9 726	285,900	855,072	2,991	2,525
77	95	7 209	202,305	569,172	2,813	2,347
78	96	5 167	138,439	366,867	2,650	2,184
79	97	3 523	90,116	228,428	2,535	2,069
80	98	2 345	57,262	138,311	2,415	1,949
81	99	1 520	35,430	81,049	2,288	1,822
82	100	943	20,979	45,619	2,175	1,709

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 507	99 507,349	2 040 880,683	20,510	20,044
1	20	99 136	94 640,140	1 941 373,334	20,513	20,047
2	21	99 090	90 306,910	1 846 733,194	20,450	19,984
3	22	99 058	86 184,175	1 756 426,285	20,380	19,914
4	23	99 031	82 253,705	1 670 242,110	20,306	19,840
5	24	99 003	78 501,328	1 587 988,406	20,229	19,763
6	25	98 975	74 920,590	1 509 487,078	20,148	19,682
7	26	98 947	71 503,130	1 434 566,488	20,063	19,597
8	27	98 920	68 242,019	1 363 063,358	19,974	19,508
9	28	98 890	65 127,924	1 294 821,339	19,881	19,415
10	29	98 859	62 155,004	1 229 693,415	19,784	19,318
11	30	98 826	59 316,465	1 167 538,411	19,683	19,217
12	31	98 787	56 604,358	1 108 221,946	19,578	19,112
13	32	98 749	54 016,886	1 051 617,589	19,468	19,002
14	33	98 706	51 544,822	997 600,702	19,354	18,888
15	34	98 657	49 183,063	946 055,880	19,235	18,769
16	35	98 601	46 926,239	896 872,818	19,112	18,646
17	36	98 536	44 768,774	849 946,579	18,985	18,519
18	37	98 463	42 707,354	805 177,804	18,853	18,387
19	38	98 379	40 735,776	762 470,451	18,717	18,251
20	39	98 281	38 849,654	721 734,675	18,578	18,112
21	40	98 179	37 049,674	682 885,020	18,432	17,966
22	41	98 072	35 331,040	645 835,347	18,280	17,814
23	42	97 955	33 688,658	610 504,306	18,122	17,656
24	43	97 837	32 122,321	576 815,648	17,957	17,491
25	44	97 702	30 623,305	544 693,327	17,787	17,321
26	45	97 564	29 193,495	514 070,021	17,609	17,143
27	46	97 407	27 824,799	484 876,527	17,426	16,960
28	47	97 244	26 518,460	457 051,728	17,235	16,769
29	48	97 063	25 269,004	430 533,268	17,038	16,572
30	49	96 858	24 072,137	405 264,264	16,835	16,369
31	50	96 634	22 927,510	381 192,128	16,626	16,160
32	51	96 396	21 833,820	358 264,618	16,409	15,943
33	52	96 128	20 785,894	336 430,798	16,186	15,720
34	53	95 834	19 782,556	315 644,904	15,956	15,490
35	54	95 514	18 822,508	295 862,347	15,719	15,253
36	55	95 162	17 902,700	277 039,840	15,475	15,009
37	56	94 772	17 020,774	259 137,140	15,225	14,759
38	57	94 340	16 174,963	242 116,365	14,969	14,503
39	58	93 870	15 364,476	225 941,402	14,705	14,239
40	59	93 357	14 587,693	210 576,926	14,435	13,969
41	60	92 803	13 843,501	195 989,233	14,157	13,691
42	61	92 190	13 128,493	182 145,733	13,874	13,408
43	62	91 534	12 443,951	169 017,240	13,582	13,116
44	63	90 832	11 788,612	156 573,289	13,282	12,816
45	64	90 057	11 157,994	144 784,677	12,976	12,510
46	65	89 209	10 551,716	133 626,683	12,664	12,198
47	66	88 305	9 971,173	123 074,967	12,343	11,877
48	67	87 324	9 413,270	113 103,795	12,015	11,549
49	68	86 266	8 877,567	103 690,525	11,680	11,214
50	69	85 110	8 361,390	94 812,958	11,339	10,873
51	70	83 847	7 863,774	86 451,568	10,994	10,528
52	71	82 484	7 385,160	78 587,794	10,641	10,175
53	72	81 017	6 924,878	71 202,634	10,282	9,816
54	73	79 442	6 482,337	64 277,757	9,916	9,450
55	74	77 722	6 054,440	57 795,420	9,546	9,080
56	75	75 884	5 643,199	51 740,979	9,169	8,703
57	76	73 935	5 248,891	46 097,780	8,782	8,316
58	77	71 810	4 866,862	40 848,889	8,393	7,927
59	78	69 529	4 498,612	35 982,027	7,998	7,532
60	79	67 016	4 139,411	31 483,415	7,606	7,140
61	80	64 273	3 789,934	27 344,005	7,215	6,749
62	81	61 259	3 448,430	23 554,071	6,830	6,364
63	82	57 945	3 113,939	20 105,641	6,457	5,991
64	83	54 369	2 789,268	16 991,702	6,092	5,626
65	84	50 554	2 475,976	14 202,434	5,736	5,270
66	85	46 531	2 175,599	11 726,458	5,390	4,924
67	86	42 275	1 886,973	9 550,859	5,061	4,595
68	87	37 895	1 614,767	7 663,886	4,746	4,280
69	88	33 454	1 360,862	6 049,119	4,445	3,979
70	89	29 008	1 126,505	4 688,257	4,162	3,696
71	90	24 688	915,258	3 561,751	3,892	3,426
72	91	20 528	726,543	2 646,494	3,643	3,177
73	92	16 640	562,209	1 919,951	3,415	2,949
74	93	13 131	423,545	1 357,741	3,206	2,740
75	94	10 064	309,900	934,197	3,015	2,549
76	95	7 487	220,096	624,297	2,836	2,370
77	96	5 387	151,167	404,201	2,674	2,208
78	97	3 691	98,894	253,034	2,559	2,093
79	98	2 470	63,170	154,140	2,440	1,974
80	99	1 611	39,332	90,970	2,313	1,847
81	100	1 008	23,491	51,638	2,198	1,732

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 490	99 489,956	2 035 427,877	20,459	19,993
1	21	99 117	94 622,643	1 935 937,921	20,460	19,994
2	22	99 073	90 292,018	1 841 315,278	20,393	19,927
3	23	99 042	86 170,143	1 751 023,260	20,321	19,855
4	24	99 013	82 238,902	1 664 853,117	20,244	19,778
5	25	98 985	78 487,202	1 582 614,215	20,164	19,698
6	26	98 956	74 906,338	1 504 127,012	20,080	19,614
7	27	98 929	71 489,673	1 429 220,674	19,992	19,526
8	28	98 899	68 227,335	1 357 731,001	19,900	19,434
9	29	98 867	65 112,577	1 289 503,666	19,804	19,338
10	30	98 833	62 138,921	1 224 391,090	19,704	19,238
11	31	98 794	59 297,654	1 162 252,169	19,600	19,134
12	32	98 756	56 586,584	1 102 954,515	19,491	19,025
13	33	98 715	53 998,378	1 046 367,931	19,378	18,912
14	34	98 670	51 526,249	992 369,553	19,259	18,793
15	35	98 617	49 163,095	940 843,304	19,137	18,671
16	36	98 560	46 906,899	891 680,210	19,010	18,544
17	37	98 491	44 748,248	844 773,310	18,878	18,412
18	38	98 417	42 687,082	800 025,063	18,742	18,276
19	39	98 320	40 711,202	757 337,980	18,603	18,137
20	40	98 222	38 826,300	716 626,778	18,457	17,991
21	41	98 112	37 024,269	677 800,478	18,307	17,841
22	42	97 999	35 304,886	640 776,209	18,150	17,684
23	43	97 877	33 661,918	605 471,323	17,987	17,521
24	44	97 748	32 093,152	571 809,406	17,817	17,351
25	45	97 607	30 593,583	539 716,254	17,641	17,175
26	46	97 452	29 159,857	509 122,671	17,460	16,994
27	47	97 289	27 790,921	479 962,814	17,270	16,804
28	48	97 110	26 482,122	452 171,892	17,075	16,609
29	49	96 909	25 228,724	425 689,771	16,873	16,407
30	50	96 689	24 030,057	400 461,047	16,665	16,199
31	51	96 455	22 885,021	376 430,990	16,449	15,983
32	52	96 189	21 787,037	353 545,969	16,227	15,761
33	53	95 904	20 737,401	331 758,932	15,998	15,532
34	54	95 588	19 731,761	311 021,531	15,762	15,296
35	55	95 238	18 768,135	291 289,770	15,520	15,054
36	56	94 853	17 844,598	272 521,635	15,272	14,806
37	57	94 433	16 959,892	254 677,037	15,016	14,550
38	58	93 970	16 111,490	237 717,145	14,755	14,289
39	59	93 461	15 297,649	221 605,655	14,486	14,020
40	60	92 918	14 519,038	206 308,005	14,209	13,743
41	61	92 313	13 770,463	191 788,967	13,928	13,462
42	62	91 666	13 053,846	178 018,504	13,637	13,171
43	63	90 972	12 367,614	164 964,659	13,338	12,872
44	64	90 219	11 709,052	152 597,045	13,032	12,566
45	65	89 384	11 074,614	140 887,993	12,722	12,256
46	66	88 498	10 467,614	129 813,379	12,401	11,935
47	67	87 531	9 883,804	119 345,765	12,075	11,609
48	68	86 496	9 324,011	109 461,961	11,740	11,274
49	69	85 364	8 784,657	100 137,949	11,399	10,933
50	70	84 126	8 264,777	91 353,292	11,053	10,587
51	71	82 790	7 764,700	83 088,515	10,701	10,235
52	72	81 354	7 283,970	75 323,815	10,341	9,875
53	73	79 817	6 822,295	68 039,845	9,973	9,507
54	74	78 138	6 375,922	61 217,550	9,601	9,135
55	75	76 336	5 946,410	54 841,628	9,223	8,757
56	76	74 425	5 534,673	48 895,218	8,834	8,368
57	77	72 340	5 135,694	43 360,545	8,443	7,977
58	78	70 101	4 751,047	38 224,851	8,046	7,580
59	79	67 621	4 375,134	33 473,804	7,651	7,185
60	80	64 911	4 009,373	29 098,670	7,258	6,792
61	81	61 929	3 651,748	25 089,297	6,870	6,404
62	82	58 645	3 301,272	21 437,549	6,494	6,028
63	83	55 083	2 960,176	18 136,277	6,127	5,661
64	84	51 285	2 631,084	15 176,101	5,768	5,302
65	85	47 260	2 314,634	12 545,017	5,420	4,954
66	86	42 989	2 009,982	10 230,383	5,090	4,624
67	87	38 590	1 722,467	8 220,401	4,772	4,306
68	88	34 108	1 453,379	6 497,934	4,471	4,005
69	89	29 633	1 205,449	5 044,556	4,185	3,719
70	90	25 251	980,603	3 839,107	3,915	3,449
71	91	21 047	780,279	2 858,504	3,663	3,197
72	92	17 087	604,749	2 078,225	3,437	2,970
73	93	13 520	456,794	1 473,476	3,226	2,760
74	94	10 387	335,035	1 016,682	3,035	2,569
75	95	7 748	238,572	681,647	2,857	2,391
76	96	5 595	164,461	443,075	2,694	2,228
77	97	3 848	107,986	278,614	2,580	2,114
78	98	2 588	69,323	170,629	2,461	1,995
79	99	1 697	43,390	101,306	2,335	1,869
80	100	1 068	26,079	57,916	2,221	1,755

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 472	99 471,563	2 029 677,025	20,405	19,939
1	22	99 101	94 607,040	1 930 205,463	20,402	19,936
2	23	99 057	90 277,318	1 835 598,423	20,333	19,867
3	24	99 024	86 154,636	1 745 321,105	20,258	19,792
4	25	98 995	82 224,104	1 659 166,469	20,179	19,713
5	26	98 966	78 472,272	1 576 942,365	20,096	19,630
6	27	98 938	74 892,241	1 498 470,093	20,008	19,542
7	28	98 907	71 474,290	1 423 577,852	19,917	19,451
8	29	98 875	68 211,257	1 352 103,562	19,822	19,356
9	30	98 841	65 095,728	1 283 892,305	19,723	19,257
10	31	98 802	62 119,215	1 218 796,577	19,620	19,154
11	32	98 763	59 279,035	1 156 677,363	19,512	19,046
12	33	98 722	56 567,196	1 097 398,328	19,400	18,934
13	34	98 679	53 978,921	1 040 831,133	19,282	18,816
14	35	98 630	51 505,329	986 852,211	19,160	18,694
15	36	98 576	49 142,833	935 346,882	19,033	18,567
16	37	98 515	46 885,392	886 204,049	18,901	18,435
17	38	98 444	44 727,007	839 318,657	18,765	18,299
18	39	98 357	42 661,331	794 591,649	18,626	18,160
19	40	98 261	40 686,729	751 930,318	18,481	18,015
20	41	98 154	38 799,677	711 243,589	18,331	17,865
21	42	98 039	36 996,861	672 443,912	18,176	17,710
22	43	97 922	35 276,862	635 447,051	18,013	17,547
23	44	97 788	33 631,350	600 170,189	17,846	17,380
24	45	97 653	32 062,003	566 538,838	17,670	17,204
25	46	97 495	30 558,332	534 476,835	17,490	17,024
26	47	97 333	29 124,354	503 918,503	17,302	16,836
27	48	97 155	27 752,840	474 794,149	17,108	16,642
28	49	96 956	26 439,908	447 041,309	16,908	16,442
29	50	96 739	25 184,622	420 601,401	16,701	16,235
30	51	96 510	23 985,524	395 416,779	16,486	16,020
31	52	96 249	22 835,985	371 431,255	16,265	15,799
32	53	95 965	21 736,208	348 595,269	16,038	15,572
33	54	95 658	20 684,154	326 859,061	15,802	15,336
34	55	95 312	19 674,762	306 174,907	15,562	15,096
35	56	94 929	18 707,224	286 500,145	15,315	14,849
36	57	94 514	17 780,768	267 792,921	15,061	14,595
37	58	94 062	16 893,339	250 012,152	14,799	14,333
38	59	93 561	16 041,415	233 118,813	14,532	14,066
39	60	93 021	15 225,653	217 077,399	14,257	13,791
40	61	92 428	14 442,436	201 851,745	13,976	13,510
41	62	91 788	13 692,166	187 409,309	13,687	13,221
42	63	91 104	12 973,768	173 717,143	13,390	12,924
43	64	90 358	12 284,146	160 743,376	13,085	12,619
44	65	89 545	11 621,554	148 459,230	12,774	12,308
45	66	88 672	10 986,345	136 837,676	12,455	11,989
46	67	87 723	10 375,896	125 851,331	12,129	11,663
47	68	86 701	9 790,084	115 475,436	11,795	11,329
48	69	85 591	9 226,429	105 685,352	11,455	10,989
49	70	84 377	8 683,154	96 458,923	11,109	10,643
50	71	83 067	8 160,651	87 775,769	10,756	10,290
51	72	81 656	7 658,310	79 615,118	10,396	9,930
52	73	80 149	7 176,068	71 956,808	10,027	9,561
53	74	78 506	6 710,299	64 780,740	9,654	9,188
54	75	76 743	6 262,156	58 070,440	9,273	8,807
55	76	74 867	5 832,052	51 808,285	8,883	8,417
56	77	72 820	5 415,312	45 976,233	8,490	8,024
57	78	70 619	5 013,483	40 560,920	8,090	7,624
58	79	68 177	4 620,641	35 547,438	7,693	7,227
59	80	65 496	4 237,691	30 926,797	7,298	6,832
60	81	62 544	3 863,185	26 689,106	6,909	6,443
61	82	59 287	3 495,913	22 825,920	6,529	6,063
62	83	55 749	3 138,259	19 330,007	6,159	5,693
63	84	51 960	2 792,300	16 191,748	5,799	5,333
64	85	47 943	2 459,635	13 399,448	5,448	4,982
65	86	43 662	2 138,433	10 939,813	5,116	4,650
66	87	39 241	1 834,752	8 801,380	4,797	4,331
67	88	34 733	1 550,314	6 966,629	4,494	4,028
68	89	30 213	1 287,400	5 416,315	4,207	3,741
69	90	25 795	1 049,321	4 128,915	3,935	3,469
70	91	21 527	835,987	3 079,593	3,684	3,218
71	92	17 519	649,477	2 243,606	3,454	2,988
72	93	13 883	491,358	1 594,129	3,244	2,778
73	94	10 694	361,336	1 102,771	3,052	2,586
74	95	7 996	257,921	741,435	2,875	2,409
75	96	5 789	178,266	483,514	2,712	2,246
76	97	3 996	117,482	305,247	2,598	2,132
77	98	2 697	75,696	187,765	2,481	2,015
78	99	1 777	47,616	112,069	2,354	1,888
79	100	1 125	28,769	64,453	2,240	1,774

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 455	99 455,160	2 023 616,250	20,347	19,881
1	23	99 085	94 591,637	1 924 161,090	20,342	19,876
2	24	99 040	90 261,071	1 829 569,453	20,270	19,804
3	25	99 006	86 139,133	1 739 308,381	20,192	19,726
4	26	98 977	82 208,463	1 653 169,248	20,109	19,643
5	27	98 947	78 457,504	1 570 960,785	20,023	19,557
6	28	98 916	74 876,125	1 492 503,281	19,933	19,467
7	29	98 884	71 457,447	1 417 627,156	19,839	19,373
8	30	98 850	68 193,607	1 346 169,709	19,740	19,274
9	31	98 810	65 075,084	1 277 976,102	19,638	19,172
10	32	98 771	62 099,709	1 212 901,018	19,532	19,066
11	33	98 729	59 258,724	1 150 801,309	19,420	18,954
12	34	98 686	56 546,813	1 091 542,585	19,303	18,837
13	35	98 639	53 957,006	1 034 995,773	19,182	18,716
14	36	98 589	51 484,102	981 038,767	19,055	18,589
15	37	98 531	49 120,301	929 554,665	18,924	18,458
16	38	98 468	46 863,138	880 434,363	18,787	18,321
17	39	98 384	44 700,026	833 571,226	18,648	18,182
18	40	98 298	42 635,685	788 871,200	18,503	18,037
19	41	98 193	40 658,830	746 235,514	18,354	17,888
20	42	98 082	38 770,955	705 576,684	18,199	17,733
21	43	97 961	36 967,495	666 805,729	18,038	17,572
22	44	97 833	35 244,829	629 838,235	17,870	17,404
23	45	97 693	33 598,708	594 593,406	17,697	17,231
24	46	97 541	32 025,060	560 994,697	17,517	17,051
25	47	97 376	30 521,127	528 969,637	17,331	16,865
26	48	97 200	29 084,445	498 448,510	17,138	16,672
27	49	97 000	27 708,600	469 364,065	16,939	16,473
28	50	96 786	26 393,689	441 655,465	16,733	16,267
29	51	96 560	25 137,950	415 261,776	16,519	16,053
30	52	96 303	23 934,131	390 123,826	16,300	15,834
31	53	96 024	22 782,709	366 189,695	16,073	15,607
32	54	95 719	21 680,397	343 406,986	15,840	15,374
33	55	95 382	20 624,404	321 726,589	15,599	15,133
34	56	95 002	19 610,909	301 102,185	15,354	14,888
35	57	94 590	18 640,309	281 491,276	15,101	14,635
36	58	94 143	17 710,994	262 850,967	14,841	14,375
37	59	93 653	16 819,863	245 139,973	14,574	14,108
38	60	93 121	15 965,918	228 320,110	14,300	13,834
39	61	92 531	15 145,323	212 354,192	14,021	13,555
40	62	91 902	14 360,318	197 208,868	13,733	13,267
41	63	91 225	13 608,172	182 848,550	13,437	12,971
42	64	90 489	12 886,209	169 240,378	13,133	12,667
43	65	89 683	12 192,351	156 354,169	12,824	12,358
44	66	88 831	11 528,925	144 161,818	12,504	12,038
45	67	87 895	10 890,081	132 632,893	12,179	11,713
46	68	86 891	10 277,509	121 742,812	11,846	11,380
47	69	85 794	9 687,624	111 465,303	11,506	11,040
48	70	84 602	9 119,821	101 777,679	11,160	10,694
49	71	83 314	8 573,757	92 657,858	10,807	10,341
50	72	81 928	8 048,835	84 084,101	10,447	9,981
51	73	80 446	7 544,863	76 035,266	10,078	9,612
52	74	78 833	7 058,265	68 490,403	9,704	9,238
53	75	77 106	6 590,566	61 432,138	9,321	8,855
54	76	75 268	6 141,726	54 841,572	8,929	8,463
55	77	73 253	5 706,278	48 699,846	8,534	8,068
56	78	71 087	5 286,447	42 993,568	8,133	7,667
57	79	68 680	4 875,873	37 707,121	7,733	7,267
58	80	66 035	4 475,486	32 831,248	7,336	6,870
59	81	63 108	4 083,179	28 355,763	6,945	6,479
60	82	59 875	3 698,328	24 272,584	6,563	6,097
61	83	56 359	3 323,289	20 574,255	6,191	5,725
62	84	52 588	2 960,284	17 250,967	5,827	5,361
63	85	48 574	2 610,345	14 290,683	5,475	5,009
64	86	44 294	2 272,396	11 680,338	5,140	4,674
65	87	39 856	1 952,005	9 407,942	4,820	4,354
66	88	35 319	1 651,377	7 455,938	4,515	4,049
67	89	30 766	1 373,265	5 804,561	4,227	3,761
68	90	26 299	1 120,659	4 431,296	3,954	3,488
69	91	21 991	894,572	3 310,638	3,701	3,235
70	92	17 918	695,847	2 416,066	3,472	3,006
71	93	14 234	527,699	1 720,219	3,260	2,794
72	94	10 982	388,676	1 192,520	3,068	2,602
73	95	8 233	278,169	803,843	2,890	2,424
74	96	5 975	192,725	525,674	2,728	2,262
75	97	4 136	127,344	332,950	2,615	2,149
76	98	2 801	82,353	205,606	2,497	2,031
77	99	1 853	51,994	123,253	2,371	1,905
78	100	1 178	31,571	71,259	2,257	1,791

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 439	99 438,968	2 017 230,017	20,286	19,820
1	24	99 067	94 574,614	1 917 791,049	20,278	19,812
2	25	99 022	90 244,830	1 823 216,435	20,203	19,737
3	26	98 987	86 122,747	1 732 971,605	20,122	19,656
4	27	98 958	82 192,992	1 646 848,858	20,036	19,570
5	28	98 926	78 440,621	1 564 655,866	19,947	19,481
6	29	98 893	74 858,481	1 486 215,245	19,854	19,388
7	30	98 858	71 438,956	1 411 356,764	19,756	19,290
8	31	98 818	68 171,980	1 339 917,807	19,655	19,189
9	32	98 779	65 054,651	1 271 745,827	19,549	19,083
10	33	98 737	62 078,432	1 206 691,176	19,438	18,972
11	34	98 694	59 237,371	1 144 612,745	19,322	18,856
12	35	98 646	56 523,855	1 085 375,374	19,202	18,736
13	36	98 599	53 934,769	1 028 851,519	19,076	18,610
14	37	98 544	51 460,497	974 916,750	18,945	18,479
15	38	98 484	49 096,986	923 456,253	18,809	18,343
16	39	98 409	46 834,867	874 359,268	18,669	18,203
17	40	98 325	44 673,155	827 524,400	18,524	18,058
18	41	98 231	42 606,450	782 851,246	18,374	17,908
19	42	98 121	40 628,732	740 244,795	18,220	17,754
20	43	98 004	38 740,180	699 616,063	18,059	17,593
21	44	97 872	36 933,926	660 875,883	17,893	17,427
22	45	97 738	35 210,621	623 941,957	17,720	17,254
23	46	97 581	33 559,995	588 731,337	17,543	17,077
24	47	97 422	31 986,069	555 171,342	17,357	16,891
25	48	97 242	30 479,304	523 185,272	17,165	16,699
26	49	97 045	29 038,083	492 705,969	16,968	16,502
27	50	96 831	27 660,163	463 667,885	16,763	16,297
28	51	96 607	26 344,776	436 007,722	16,550	16,084
29	52	96 353	25 084,087	409 662,946	16,332	15,866
30	53	96 078	23 878,293	384 578,859	16,106	15,640
31	54	95 778	22 724,211	360 700,565	15,873	15,407
32	55	95 442	21 617,769	337 976,354	15,634	15,168
33	56	95 072	20 557,468	316 358,586	15,389	14,923
34	57	94 663	19 540,761	295 801,117	15,138	14,672
35	58	94 219	18 567,162	276 260,356	14,879	14,413
36	59	93 734	17 633,962	257 693,194	14,613	14,147
37	60	93 212	16 740,702	240 059,232	14,340	13,874
38	61	92 630	15 881,683	223 318,529	14,061	13,595
39	62	92 005	15 059,209	207 436,847	13,775	13,309
40	63	91 338	14 272,226	192 377,638	13,479	13,013
41	64	90 610	13 516,332	178 105,412	13,177	12,711
42	65	89 813	12 789,915	164 589,080	12,869	12,403
43	66	88 968	12 095,172	151 799,166	12,550	12,084
44	67	88 053	11 427,907	139 703,993	12,225	11,759
45	68	87 061	10 786,819	128 276,086	11,892	11,426
46	69	85 981	10 169,948	117 489,267	11,553	11,087
47	70	84 803	9 575,687	107 319,319	11,207	10,741
48	71	83 536	9 004,923	97 743,632	10,854	10,388
49	72	82 173	8 456,281	88 738,709	10,494	10,028
50	73	80 715	7 929,603	80 282,428	10,124	9,658
51	74	79 126	7 421,005	72 352,825	9,750	9,284
52	75	77 426	6 932,323	64 931,820	9,367	8,901
53	76	75 623	6 463,821	57 999,497	8,973	8,507
54	77	73 644	6 009,274	51 535,676	8,576	8,110
55	78	71 510	5 570,489	45 526,403	8,173	7,707
56	79	69 136	5 141,344	39 955,914	7,771	7,305
57	80	66 523	4 722,700	34 814,569	7,372	6,906
58	81	63 627	4 312,303	30 091,870	6,978	6,512
59	82	60 415	3 908,934	25 779,567	6,595	6,129
60	83	56 919	3 515,709	21 870,633	6,221	5,755
61	84	53 163	3 134,820	18 354,924	5,855	5,389
62	85	49 161	2 767,382	15 220,104	5,500	5,034
63	86	44 876	2 411,633	12 452,722	5,164	4,698
64	87	40 432	2 074,288	10 041,089	4,841	4,375
65	88	35 873	1 756,910	7 966,800	4,535	4,069
66	89	31 286	1 462,786	6 209,890	4,245	3,779
67	90	26 781	1 195,403	4 747,104	3,971	3,505
68	91	22 421	955,388	3 551,701	3,718	3,252
69	92	18 304	744,611	2 596,313	3,487	3,021
70	93	14 559	565,374	1 851,702	3,275	2,809
71	94	11 259	417,424	1 286,328	3,082	2,616
72	95	8 454	299,217	868,904	2,904	2,438
73	96	6 152	207,854	569,688	2,741	2,275
74	97	4 268	137,672	361,833	2,628	2,162
75	98	2 899	89,266	224,161	2,511	2,045
76	99	1 924	56,567	134,895	2,385	1,919
77	100	1 228	34,474	78,329	2,272	1,806

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 421	99 421,072	2 010 503,968	20,222	19,756
1	25	99 049	94 557,596	1 911 082,895	20,211	19,745
2	26	99 003	90 227,663	1 816 525,299	20,133	19,667
3	27	98 969	86 106,539	1 726 297,636	20,048	19,582
4	28	98 937	82 175,305	1 640 191,096	19,960	19,494
5	29	98 903	78 422,137	1 558 015,791	19,867	19,401
6	30	98 867	74 839,110	1 479 593,654	19,770	19,304
7	31	98 827	71 416,301	1 404 754,544	19,670	19,204
8	32	98 787	68 150,574	1 333 338,243	19,565	19,099
9	33	98 745	65 032,361	1 265 187,668	19,455	18,989
10	34	98 702	62 056,063	1 200 155,308	19,340	18,874
11	35	98 654	59 213,321	1 138 099,245	19,220	18,754
12	36	98 605	56 500,560	1 078 885,924	19,095	18,629
13	37	98 554	53 910,040	1 022 385,364	18,965	18,499
14	38	98 497	51 436,070	968 475,324	18,829	18,363
15	39	98 425	49 067,368	917 039,254	18,689	18,223
16	40	98 350	46 806,713	867 971,886	18,544	18,078
17	41	98 258	44 642,522	821 165,173	18,394	17,928
18	42	98 158	42 574,911	776 522,651	18,239	17,773
19	43	98 043	40 596,483	733 947,741	18,079	17,613
20	44	97 915	38 705,001	693 351,258	17,914	17,448
21	45	97 777	36 898,079	654 646,256	17,742	17,276
22	46	97 625	35 170,050	617 748,178	17,565	17,099
23	47	97 462	33 519,135	582 578,128	17,380	16,914
24	48	97 289	31 942,239	549 058,993	17,189	16,723
25	49	97 087	30 430,718	517 116,754	16,993	16,527
26	50	96 875	28 987,322	486 686,036	16,790	16,324
27	51	96 651	27 608,904	457 698,713	16,578	16,112
28	52	96 400	26 288,327	430 089,810	16,360	15,894
29	53	96 128	25 025,567	403 801,482	16,136	15,670
30	54	95 831	23 816,982	378 775,916	15,904	15,438
31	55	95 501	22 658,568	354 958,934	15,666	15,200
32	56	95 132	21 547,609	332 300,366	15,422	14,956
33	57	94 732	20 483,935	310 752,757	15,171	14,705
34	58	94 291	19 464,081	290 268,822	14,913	14,447
35	59	93 809	18 486,406	270 804,741	14,649	14,183
36	60	93 292	17 550,970	252 318,335	14,376	13,910
37	61	92 720	16 652,379	234 767,365	14,098	13,632
38	62	92 103	15 791,381	218 114,986	13,812	13,346
39	63	91 440	14 966,829	202 323,604	13,518	13,052
40	64	90 722	14 175,904	187 356,776	13,217	12,751
41	65	89 932	13 415,329	173 180,872	12,909	12,443
42	66	89 097	12 687,973	159 765,543	12,592	12,126
43	67	88 189	11 989,193	147 077,569	12,268	11,802
44	68	87 218	11 319,545	135 088,376	11,934	11,468
45	69	86 150	10 673,928	123 768,831	11,595	11,129
46	70	84 988	10 052,438	113 094,903	11,250	10,784
47	71	83 734	9 455,045	103 042,465	10,898	10,432
48	72	82 391	8 881,539	93 587,420	10,537	10,071
49	73	80 955	8 331,013	84 705,881	10,168	9,702
50	74	79 390	7 799,430	76 374,867	9,792	9,326
51	75	77 714	7 288,591	68 575,438	9,409	8,943
52	76	75 937	6 799,005	61 286,847	9,014	8,548
53	77	73 992	6 324,422	54 487,842	8,615	8,149
54	78	71 892	5 866,274	48 163,420	8,210	7,744
55	79	69 547	5 417,590	42 297,146	7,807	7,341
56	80	66 964	4 979,832	36 879,556	7,406	6,940
57	81	64 097	4 550,503	31 899,724	7,010	6,544
58	82	60 912	4 128,280	27 349,221	6,625	6,159
59	83	57 432	3 715,915	23 220,941	6,249	5,783
60	84	53 691	3 316,328	19 505,026	5,882	5,416
61	85	49 699	2 930,546	16 188,698	5,524	5,058
62	86	45 418	2 556,716	13 258,153	5,186	4,720
63	87	40 964	2 201,387	10 701,437	4,861	4,395
64	88	36 391	1 866,973	8 500,050	4,553	4,087
65	89	31 776	1 556,268	6 633,077	4,262	3,796
66	90	27 234	1 273,329	5 076,809	3,987	3,521
67	91	22 832	1 019,109	3 803,480	3,732	3,266
68	92	18 662	795,232	2 784,371	3,501	3,035
69	93	14 872	604,995	1 989,139	3,288	2,822
70	94	11 516	447,226	1 384,144	3,095	2,629
71	95	8 668	321,347	936,918	2,916	2,450
72	96	6 317	223,582	615,571	2,753	2,287
73	97	4 395	148,480	391,989	2,640	2,174
74	98	2 992	96,506	243,509	2,523	2,057
75	99	1 991	61,315	147,004	2,398	1,932
76	100	1 276	37,506	85,688	2,285	1,819

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 403	99 403,183	2 003 425,129	20,155	19,689
1	26	99 030	94 539,609	1 904 021,947	20,140	19,674
2	27	98 984	90 210,683	1 809 482,337	20,058	19,592
3	28	98 947	86 088,011	1 719 271,655	19,971	19,505
4	29	98 913	82 155,941	1 633 183,644	19,879	19,413
5	30	98 877	78 401,844	1 551 027,703	19,783	19,317
6	31	98 836	74 815,377	1 472 625,859	19,683	19,217
7	32	98 796	71 393,876	1 397 810,482	19,579	19,113
8	33	98 754	68 127,224	1 326 416,606	19,470	19,004
9	34	98 710	65 008,928	1 258 289,382	19,356	18,890
10	35	98 662	62 030,869	1 193 280,454	19,237	18,771
11	36	98 613	59 188,917	1 131 249,586	19,113	18,647
12	37	98 560	56 474,654	1 072 060,669	18,983	18,517
13	38	98 507	53 884,450	1 015 586,014	18,847	18,381
14	39	98 438	51 405,042	961 701,564	18,708	18,242
15	40	98 365	49 037,871	910 296,522	18,563	18,097
16	41	98 282	46 774,618	861 258,651	18,413	17,947
17	42	98 185	44 609,475	814 484,034	18,258	17,792
18	43	98 080	42 541,116	769 874,558	18,097	17,631
19	44	97 954	40 559,618	727 333,442	17,932	17,466
20	45	97 820	38 667,435	686 773,824	17,761	17,295
21	46	97 665	36 855,563	648 106,389	17,585	17,119
22	47	97 506	35 127,230	611 250,825	17,401	16,935
23	48	97 328	33 473,204	576 123,595	17,211	16,745
24	49	97 134	31 891,321	542 650,392	17,016	16,550
25	50	96 918	30 377,523	510 759,070	16,814	16,348
26	51	96 696	28 933,603	480 381,547	16,603	16,137
27	52	96 444	27 549,746	451 447,944	16,387	15,921
28	53	96 175	26 226,998	423 898,198	16,163	15,697
29	54	95 881	24 961,309	397 671,200	15,932	15,465
30	55	95 555	23 748,182	372 709,891	15,694	15,228
31	56	95 191	22 585,030	348 961,709	15,451	14,985
32	57	94 792	21 470,534	326 376,679	15,201	14,735
33	58	94 360	20 403,553	304 906,145	14,944	14,478
34	59	93 881	19 379,423	284 502,591	14,681	14,215
35	60	93 367	18 399,402	265 123,168	14,409	13,943
36	61	92 800	17 458,372	246 723,765	14,132	13,666
37	62	92 193	16 557,696	229 265,393	13,846	13,380
38	63	91 538	15 694,510	212 707,698	13,553	13,087
39	64	90 823	14 865,819	197 013,188	13,253	12,787
40	65	90 044	14 069,972	182 147,368	12,946	12,480
41	66	89 216	13 308,403	168 077,396	12,629	12,163
42	67	88 316	12 576,800	154 768,993	12,306	11,840
43	68	87 353	11 875,509	142 192,194	11,974	11,508
44	69	86 305	11 201,079	130 316,685	11,634	11,168
45	70	85 155	10 550,595	119 115,606	11,290	10,824
46	71	83 917	9 925,790	108 565,011	10,938	10,472
47	72	82 587	9 325,494	98 639,221	10,577	10,111
48	73	81 171	8 749,972	89 313,727	10,207	9,741
49	74	79 626	8 194,250	80 563,755	9,832	9,366
50	75	77 973	7 660,263	72 369,506	9,447	8,981
51	76	76 219	7 148,421	64 709,242	9,052	8,586
52	77	74 300	6 652,378	57 560,821	8,653	8,187
53	78	72 231	6 173,923	50 908,443	8,246	7,780
54	79	69 919	5 705,256	44 734,520	7,841	7,375
55	80	67 362	5 247,399	39 029,264	7,438	6,972
56	81	64 522	4 798,260	33 781,864	7,040	6,574
57	82	61 362	4 356,315	28 983,605	6,653	6,187
58	83	57 904	3 924,430	24 627,289	6,275	5,809
59	84	54 175	3 505,180	20 702,859	5,906	5,440
60	85	50 192	3 100,226	17 197,679	5,547	5,081
61	86	45 915	2 707,459	14 097,454	5,207	4,741
62	87	41 459	2 333,822	11 389,995	4,880	4,414
63	88	36 870	1 981,368	9 056,174	4,571	4,105
64	89	32 235	1 653,761	7 074,805	4,278	3,812
65	90	27 660	1 354,703	5 421,045	4,002	3,536
66	91	23 217	1 085,543	4 066,341	3,746	3,280
67	92	19 004	848,271	2 980,798	3,514	3,048
68	93	15 163	646,125	2 132,527	3,300	2,834
69	94	11 764	478,566	1 486,402	3,106	2,640
70	95	8 866	344,290	1 007,835	2,927	2,461
71	96	6 477	240,118	663,546	2,763	2,297
72	97	4 513	159,715	423,427	2,651	2,185
73	98	3 080	104,082	263,713	2,534	2,068
74	99	2 055	66,288	159,631	2,408	1,942
75	100	1 320	40,654	93,343	2,296	1,830

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1	0	99 644	95 125,321	2 002 902,758	21,055	20,589
2	1	99 317	90 513,815	1 907 777,437	21,077	20,611
3	2	99 277	86 374,460	1 817 263,622	21,039	20,573
4	3	99 254	82 438,493	1 730 889,162	20,996	20,530
5	4	99 233	78 683,732	1 648 450,669	20,950	20,484
6	5	99 213	75 101,002	1 569 766,936	20,902	20,436
7	6	99 195	71 682,564	1 494 665,934	20,851	20,385
8	7	99 178	68 420,094	1 422 983,370	20,798	20,332
9	8	99 165	65 308,893	1 354 563,275	20,741	20,275
10	9	99 150	62 338,059	1 289 254,383	20,682	20,216
11	10	99 136	59 502,918	1 226 916,324	20,619	20,153
12	11	99 123	56 796,976	1 167 413,406	20,554	20,088
13	12	99 108	54 213,532	1 110 616,430	20,486	20,020
14	13	99 091	51 746,135	1 056 402,899	20,415	19,949
15	14	99 068	49 388,296	1 004 656,764	20,342	19,876
16	15	99 043	47 136,848	955 268,467	20,266	19,800
17	16	99 007	44 982,767	908 131,620	20,188	19,722
18	17	98 965	42 924,856	863 148,852	20,108	19,642
19	18	98 914	40 957,103	820 223,996	20,026	19,560
20	19	98 855	39 076,611	779 266,893	19,942	19,476
21	20	98 795	37 282,013	740 190,283	19,854	19,388
22	21	98 736	35 570,420	702 908,269	19,761	19,295
23	22	98 675	33 936,439	667 337,850	19,664	19,198
24	23	98 619	32 379,015	633 401,411	19,562	19,096
25	24	98 554	30 890,515	601 022,396	19,457	18,991
26	25	98 493	29 471,534	570 131,881	19,345	18,879
27	26	98 430	28 116,856	540 660,347	19,229	18,763
28	27	98 366	26 824,422	512 543,491	19,107	18,641
29	28	98 297	25 590,116	485 719,069	18,981	18,515
30	29	98 222	24 411,208	460 128,952	18,849	18,383
31	30	98 142	23 285,146	435 717,745	18,712	18,246
32	31	98 050	22 208,520	412 432,599	18,571	18,105
33	32	97 957	21 181,357	390 224,079	18,423	17,957
34	33	97 852	20 199,147	369 042,722	18,270	17,804
35	34	97 742	19 261,413	348 843,575	18,111	17,645
36	35	97 623	18 365,773	329 582,162	17,945	17,479
37	36	97 499	17 510,669	311 216,389	17,773	17,307
38	37	97 359	16 692,592	293 705,720	17,595	17,129
39	38	97 209	15 911,079	277 013,128	17,410	16,944
40	39	97 042	15 163,500	261 102,050	17,219	16,753
41	40	96 864	14 449,286	245 938,549	17,021	16,555
42	41	96 668	13 766,224	231 489,263	16,816	16,350
43	42	96 458	13 113,331	217 723,039	16,603	16,137
44	43	96 233	12 489,496	204 609,708	16,383	15,917
45	44	95 972	11 890,901	192 120,212	16,157	15,691
46	45	95 691	11 318,465	180 229,311	15,923	15,457
47	46	95 373	10 769,248	168 910,846	15,685	15,219
48	47	95 031	10 244,073	158 141,598	15,437	14,971
49	48	94 649	9 740,210	147 897,525	15,184	14,718
50	49	94 217	9 256,123	138 157,316	14,926	14,460
51	50	93 740	8 791,625	128 901,193	14,662	14,196
52	51	93 220	8 346,392	120 109,568	14,391	13,925
53	52	92 635	7 917,921	111 763,176	14,115	13,649
54	53	91 985	7 505,816	103 845,254	13,835	13,369
55	54	91 261	7 109,063	96 339,438	13,552	13,086
56	55	90 459	6 727,079	89 230,376	13,264	12,798
57	56	89 572	6 359,023	82 503,297	12,974	12,508
58	57	88 597	6 004,599	76 144,274	12,681	12,215
59	58	87 529	5 663,248	70 139,675	12,385	11,919
60	59	86 370	5 334,819	64 476,427	12,086	11,620
61	60	85 118	5 019,103	59 141,608	11,783	11,317
62	61	83 753	4 714,649	54 122,505	11,480	11,014
63	62	82 282	4 421,827	49 407,855	11,174	10,708
64	63	80 716	4 140,970	44 986,028	10,864	10,398
65	64	79 029	3 870,552	40 845,058	10,553	10,087
66	65	77 229	3 610,870	36 974,507	10,240	9,774
67	66	75 341	3 362,869	33 363,637	9,921	9,455
68	67	73 337	3 124,978	30 000,768	9,600	9,134
69	68	71 248	2 898,308	26 875,790	9,273	8,807
70	69	69 015	2 680,155	23 977,482	8,946	8,480
71	70	66 696	2 472,652	21 297,327	8,613	8,147
72	71	64 233	2 273,358	18 824,676	8,281	7,815
73	72	61 694	2 084,486	16 551,318	7,940	7,474
74	73	59 033	1 904,128	14 466,832	7,598	7,132
75	74	56 259	1 732,363	12 562,704	7,252	6,786
76	75	53 397	1 569,687	10 830,341	6,900	6,434
77	76	50 424	1 415,057	9 260,655	6,544	6,078
78	77	47 328	1 267,966	7 845,598	6,188	5,722
79	78	44 101	1 127,934	6 577,632	5,832	5,366
80	79	40 726	994,380	5 449,697	5,480	5,014
81	80	37 221	867,589	4 455,317	5,135	4,669
82	81	33 550	746,549	3 587,728	4,806	4,340
83	82	29 784	632,711	2 841,180	4,490	4,024
84	83	26 007	527,418	2 208,469	4,187	3,721
85	84	22 275	431,255	1 681,052	3,898	3,432
86	85	18 644	344,583	1 249,797	3,627	3,161
87	86	15 197	268,142	905,214	3,376	2,910
88	87	12 040	202,798	637,071	3,141	2,675
89	88	9 225	148,341	434,273	2,928	2,462
90	89	6 822	104,729	285,932	2,730	2,264
91	90	4 860	71,229	181,203	2,544	2,078
92	91	3 319	46,430	109,974	2,369	1,903
93	92	2 140	28,579	63,543	2,223	1,757
94	93	1 315	16,772	34,964	2,085	1,619
95	94	760	9,245	18,192	1,968	1,502
96	95	415	4,823	8,947	1,855	1,389
97	96	210	2,332	4,123	1,769	1,303
98	97	100	1,055	1,792	1,699	1,233
99	98	45	0,451	0,737	1,634	1,168
100	99	19	0,182	0,286	1,568	1,102

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 616	90 786,660	1 909 414,269	21,032	20,566
3	1	99 301	86 395,881	1 818 627,609	21,050	20,584
4	2	99 266	82 448,735	1 732 231,728	21,010	20,544
5	3	99 243	78 691,848	1 649 782,992	20,965	20,499
6	4	99 223	75 108,189	1 571 091,144	20,918	20,452
7	5	99 204	71 688,950	1 495 982,955	20,868	20,402
8	6	99 187	68 426,147	1 424 294,005	20,815	20,349
9	7	99 170	65 311,927	1 355 867,858	20,760	20,294
10	8	99 157	62 342,403	1 290 555,931	20,701	20,235
11	9	99 142	59 506,558	1 228 213,528	20,640	20,174
12	10	99 129	56 800,298	1 168 706,970	20,576	20,110
13	11	99 116	54 217,724	1 111 906,672	20,508	20,042
14	12	99 099	51 750,199	1 057 688,948	20,438	19,972
15	13	99 078	49 392,950	1 005 938,749	20,366	19,900
16	14	99 052	47 141,194	956 545,799	20,291	19,825
17	15	99 019	44 988,241	909 404,605	20,214	19,748
18	16	98 980	42 931,177	864 416,364	20,135	19,669
19	17	98 927	40 962,681	821 485,186	20,054	19,588
20	18	98 874	39 084,311	780 522,505	19,970	19,504
21	19	98 812	37 288,531	741 438,194	19,884	19,418
22	20	98 755	35 576,997	704 149,663	19,792	19,326
23	21	98 692	33 942,036	668 572,666	19,697	19,231
24	22	98 635	32 384,287	634 630,630	19,597	19,131
25	23	98 572	30 896,075	602 246,343	19,493	19,027
26	24	98 511	29 476,838	571 350,268	19,383	18,917
27	25	98 448	28 122,206	541 873,430	19,269	18,803
28	26	98 384	26 829,471	513 751,224	19,149	18,683
29	27	98 318	25 595,624	486 921,753	19,024	18,558
30	28	98 245	24 416,961	461 326,129	18,894	18,428
31	29	98 167	23 291,173	436 909,168	18,759	18,293
32	30	98 081	22 215,566	413 617,995	18,618	18,152
33	31	97 988	21 188,010	391 402,429	18,473	18,007
34	32	97 886	20 206,070	370 214,420	18,322	17,856
35	33	97 777	19 268,356	350 008,349	18,165	17,699
36	34	97 663	18 373,232	330 739,993	18,001	17,535
37	35	97 540	17 517,888	312 366,761	17,831	17,365
38	36	97 404	16 700,249	294 848,873	17,655	17,189
39	37	97 255	15 918,635	278 148,624	17,473	17,007
40	38	97 101	15 172,653	262 229,989	17,283	16,817
41	39	96 922	14 457,978	247 057,336	17,088	16,622
42	40	96 735	13 775,670	232 599,358	16,885	16,419
43	41	96 529	13 123,045	218 823,688	16,675	16,209
44	42	96 309	12 499,417	205 700,643	16,457	15,991
45	43	96 060	11 901,709	193 201,225	16,233	15,767
46	44	95 784	11 329,461	181 299,517	16,002	15,536
47	45	95 483	10 781,671	169 970,056	15,765	15,299
48	46	95 147	10 256,561	159 188,385	15,521	15,055
49	47	94 779	9 753,575	148 931,824	15,269	14,803
50	48	94 368	9 270,901	139 178,249	15,012	14,546
51	49	93 904	8 807,020	129 907,348	14,750	14,284
52	50	93 393	8 361,889	121 100,328	14,482	14,016
53	51	92 834	7 934,923	112 738,439	14,208	13,742
54	52	92 200	7 523,368	104 803,516	13,930	13,464
55	53	91 496	7 127,363	97 280,148	13,649	13,183
56	54	90 721	6 746,568	90 152,785	13,363	12,897
57	55	89 863	6 379,728	83 406,217	13,074	12,608
58	56	88 915	6 026,154	77 026,489	12,782	12,316
59	57	87 874	5 685,559	71 000,335	12,488	12,022
60	58	86 747	5 358,124	65 314,776	12,190	11,724
61	59	85 521	5 042,836	59 956,652	11,889	11,423
62	60	84 197	4 739,656	54 913,816	11,586	11,120
63	61	82 753	4 447,113	50 174,160	11,282	10,816
64	62	81 214	4 166,530	45 727,048	10,975	10,509
65	63	79 566	3 896,851	41 560,518	10,665	10,199
66	64	77 810	3 638,056	37 663,667	10,353	9,887
67	65	75 946	3 389,888	34 025,611	10,037	9,571
68	66	73 985	3 152,602	30 635,723	9,718	9,252
69	67	71 930	2 926,053	27 483,122	9,393	8,927
70	68	69 745	2 708,501	24 557,069	9,067	8,601
71	69	67 476	2 501,556	21 848,567	8,734	8,268
72	70	65 053	2 302,365	19 347,011	8,403	7,937
73	71	62 551	2 113,444	17 044,646	8,065	7,599
74	72	59 921	1 932,759	14 931,203	7,725	7,259
75	73	57 198	1 761,277	12 998,444	7,380	6,914
76	74	54 367	1 598,204	11 237,167	7,031	6,565
77	75	51 412	1 442,804	9 638,964	6,681	6,215
78	76	48 372	1 295,914	8 196,160	6,325	5,859
79	77	45 176	1 155,430	6 900,246	5,972	5,506
80	78	41 876	1 022,444	5 744,817	5,619	5,153
81	79	38 428	895,727	4 722,372	5,272	4,806
82	80	34 819	774,799	3 826,645	4,939	4,473
83	81	31 112	660,914	3 051,846	4,618	4,152
84	82	27 358	554,814	2 390,932	4,309	3,843
85	83	23 615	457,182	1 836,118	4,016	3,550
86	84	19 944	368,602	1 378,936	3,741	3,275
87	85	16 450	290,237	1 010,333	3,481	3,015
88	86	13 190	222,167	720,097	3,241	2,775
89	87	10 249	164,813	497,930	3,021	2,555
90	88	7 702	118,232	333,117	2,817	2,351
91	89	5 584	81,828	214,885	2,626	2,160
92	90	3 893	54,462	133,058	2,443	1,977
93	91	2 571	34,335	78,595	2,289	1,823
94	92	1 619	20,642	44,260	2,144	1,678
95	93	960	11,688	23,618	2,021	1,555
96	94	539	6,265	11,930	1,904	1,438
97	95	281	3,120	5,665	1,816	1,350
98	96	139	1,477	2,545	1,723	1,257
99	97	64	0,644	1,068	1,659	1,193
100	98	27	0,265	0,424	1,599	1,133

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3	0	99 601	86 656,313	1 820 142,562	21,004	20,538
4	1	99 291	82 469,183	1 733 486,249	21,020	20,554
5	2	99 255	78 701,625	1 651 017,066	20,978	20,512
6	3	99 233	75 115,936	1 572 315,441	20,932	20,466
7	4	99 214	71 695,810	1 497 199,506	20,883	20,417
8	5	99 196	68 432,243	1 425 503,695	20,831	20,365
9	6	99 178	65 317,705	1 357 071,452	20,776	20,310
10	7	99 162	62 345,299	1 291 753,747	20,719	20,253
11	8	99 149	59 510,705	1 229 408,448	20,659	20,193
12	9	99 135	56 803,773	1 169 897,743	20,595	20,129
13	10	99 122	54 220,896	1 113 093,970	20,529	20,063
14	11	99 106	51 754,201	1 058 873,074	20,460	19,994
15	12	99 085	49 396,829	1 007 118,873	20,388	19,922
16	13	99 062	47 145,636	957 722,045	20,314	19,848
17	14	99 028	44 992,390	910 576,409	20,238	19,772
18	15	98 992	42 936,401	865 584,019	20,160	19,694
19	16	98 942	40 968,713	822 647,618	20,080	19,614
20	17	98 888	39 089,634	781 678,904	19,997	19,531
21	18	98 832	37 295,879	742 589,271	19,911	19,445
22	19	98 772	35 583,217	705 293,392	19,821	19,355
23	20	98 710	33 948,312	669 710,175	19,727	19,261
24	21	98 651	32 389,628	635 761,863	19,629	19,163
25	22	98 588	30 901,106	603 372,235	19,526	19,060
26	23	98 529	29 482,144	572 471,129	19,418	18,952
27	24	98 466	28 127,267	542 988,985	19,305	18,839
28	25	98 403	26 834,576	514 861,718	19,187	18,720
29	26	98 336	25 600,442	488 027,142	19,063	18,597
30	27	98 267	24 422,217	462 426,700	18,935	18,469
31	28	98 190	23 296,662	438 004,484	18,801	18,335
32	29	98 107	22 221,316	414 707,821	18,663	18,197
33	30	98 019	21 194,731	392 486,505	18,518	18,052
34	31	97 916	20 212,417	371 291,774	18,369	17,903
35	32	97 810	19 274,960	351 079,357	18,214	17,748
36	33	97 698	18 379,855	331 804,397	18,053	17,587
37	34	97 579	17 525,003	313 424,542	17,884	17,418
38	35	97 444	16 707,135	295 899,539	17,711	17,245
39	36	97 300	15 925,937	279 192,404	17,531	17,065
40	37	97 147	15 179,859	263 266,467	17,343	16,877
41	38	96 981	14 466,705	248 086,609	17,149	16,683
42	39	96 793	13 783,956	233 619,904	16,949	16,483
43	40	96 595	13 132,050	219 835,948	16,740	16,274
44	41	96 380	12 508,677	206 703,898	16,525	16,059
45	42	96 136	11 911,163	194 195,221	16,304	15,838
46	43	95 871	11 339,758	182 284,058	16,075	15,609
47	44	95 576	10 792,145	170 944,299	15,840	15,374
48	45	95 257	10 268,392	160 152,154	15,597	15,131
49	46	94 894	9 765,465	149 883,762	15,348	14,882
50	47	94 497	9 283,623	140 118,297	15,093	14,627
51	48	94 054	8 821,081	130 834,675	14,832	14,366
52	49	93 556	8 376,531	122 013,593	14,566	14,100
53	50	93 006	7 949,656	113 637,062	14,295	13,829
54	51	92 398	7 539,523	105 687,406	14,018	13,552
55	52	91 710	7 144,030	98 147,884	13,738	13,272
56	53	90 955	6 763,935	91 003,853	13,454	12,988
57	54	90 124	6 398,211	84 239,918	13,166	12,700
58	55	89 204	6 045,776	77 841,707	12,875	12,409
59	56	88 190	5 705,969	71 795,932	12,583	12,117
60	57	87 089	5 379,233	66 089,963	12,286	11,820
61	58	85 894	5 064,866	60 710,731	11,987	11,521
62	59	84 595	4 762,068	55 645,865	11,685	11,219
63	60	83 192	4 470,700	50 883,797	11,382	10,916
64	61	81 679	4 190,356	46 413,097	11,076	10,610
65	62	80 057	3 920,904	42 222,742	10,769	10,303
66	63	78 339	3 662,775	38 301,838	10,457	9,991
67	64	76 518	3 415,410	34 639,063	10,142	9,676
68	65	74 579	3 177,931	31 223,653	9,825	9,359
69	66	72 566	2 951,918	28 045,722	9,501	9,035
70	67	70 412	2 734,430	25 093,804	9,177	8,711
71	68	68 189	2 528,014	22 359,374	8,845	8,379
72	69	65 813	2 329,279	19 831,360	8,514	8,048
73	70	63 349	2 140,410	17 502,082	8,177	7,711
74	71	60 753	1 959,609	15 361,671	7,839	7,373
75	72	58 058	1 787,760	13 402,063	7,497	7,031
76	73	55 275	1 624,878	11 614,303	7,148	6,682
77	74	52 346	1 469,016	9 989,425	6,800	6,334
78	75	49 320	1 321,325	8 520,409	6,448	5,982
79	76	46 172	1 180,897	7 199,085	6,096	5,630
80	77	42 896	1 047,368	6 018,188	5,746	5,280
81	78	39 513	921,007	4 970,820	5,397	4,931
82	79	35 949	799,928	4 049,813	5,063	4,597
83	80	32 289	685,924	3 249,884	4,738	4,272
84	81	28 578	579,545	2 563,960	4,424	3,958
85	82	24 841	480,930	1 984,415	4,126	3,660
86	83	21 143	390,763	1 503,485	3,848	3,382
87	84	17 596	310,468	1 112,722	3,584	3,118
88	85	14 276	240,473	802,254	3,336	2,870
89	86	11 228	180,554	561,781	3,111	2,645
90	87	8 557	131,361	381,228	2,902	2,436
91	88	6 304	92,377	249,867	2,705	2,239
92	89	4 472	62,566	157,490	2,517	2,051
93	90	3 015	40,275	94,924	2,357	1,891
94	91	1 945	24,799	54,650	2,204	1,738
95	92	1 182	14,385	29,851	2,075	1,609
96	93	682	7,921	15,465	1,953	1,487
97	94	365	4,053	7,545	1,861	1,395
98	95	187	1,976	3,492	1,767	1,301
99	96	89	0,901	1,515	1,682	1,216
100	97	39	0,379	0,614	1,623	1,157

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4	0	99 590	82 717,778	1 734 887,622	20,974	20,508
5	1	99 280	78 721,143	1 652 169,844	20,988	20,522
6	2	99 245	75 125,268	1 573 448,701	20,944	20,478
7	3	99 224	71 703,205	1 498 323,433	20,896	20,430
8	4	99 205	68 438,792	1 426 620,228	20,845	20,379
9	5	99 187	65 323,524	1 358 181,436	20,792	20,326
10	6	99 170	62 350,815	1 292 857,912	20,735	20,269
11	7	99 154	59 513,470	1 230 507,097	20,676	20,210
12	8	99 142	56 807,732	1 170 993,628	20,613	20,147
13	9	99 128	54 224,213	1 114 185,896	20,548	20,082
14	10	99 112	51 757,228	1 059 961,683	20,479	20,013
15	11	99 093	49 400,649	1 008 204,455	20,409	19,943
16	12	99 070	47 149,338	958 803,806	20,335	19,869
17	13	99 037	44 996,629	911 654,468	20,261	19,794
18	14	99 001	42 940,361	866 657,839	20,183	19,717
19	15	98 954	40 973,698	823 717,478	20,104	19,638
20	16	98 902	39 095,390	782 743,780	20,021	19,555
21	17	98 845	37 300,958	743 648,390	19,936	19,470
22	18	98 791	35 590,229	706 347,432	19,847	19,381
23	19	98 727	33 954,247	670 757,203	19,755	19,289
24	20	98 670	32 395,617	636 802,956	19,657	19,191
25	21	98 604	30 906,203	604 407,339	19,556	19,090
26	22	98 545	29 486,944	573 501,136	19,449	18,983
27	23	98 484	28 132,330	544 014,192	19,338	18,872
28	24	98 421	26 839,405	515 881,862	19,221	18,755
29	25	98 355	25 605,313	489 042,457	19,099	18,633
30	26	98 285	24 426,814	463 437,144	18,972	18,506
31	27	98 211	23 301,677	439 010,330	18,840	18,374
32	28	98 130	22 226,553	415 708,654	18,703	18,237
33	29	98 045	21 200,217	393 482,100	18,560	18,094
34	30	97 947	20 218,829	372 281,883	18,413	17,947
35	31	97 841	19 281,015	352 063,054	18,260	17,794
36	32	97 732	18 386,155	332 782,040	18,100	17,634
37	33	97 614	17 531,320	314 395,885	17,933	17,467
38	34	97 484	16 713,920	296 864,565	17,762	17,296
39	35	97 340	15 932,503	280 150,644	17,584	17,118
40	36	97 191	15 186,822	264 218,141	17,398	16,932
41	37	97 027	14 473,575	249 031,320	17,206	16,740
42	38	96 851	13 792,276	234 557,745	17,006	16,540
43	39	96 653	13 139,949	220 765,469	16,801	16,335
44	40	96 447	12 517,260	207 625,520	16,587	16,121
45	41	96 207	11 919,987	195 108,259	16,368	15,902
46	42	95 948	11 348,766	183 188,272	16,142	15,676
47	43	95 663	10 801,954	171 839,506	15,908	15,442
48	44	95 349	10 278,368	161 037,552	15,668	15,202
49	45	95 004	9 776,730	150 759,184	15,420	14,954
50	46	94 612	9 294,939	140 982,454	15,168	14,702
51	47	94 183	8 833,185	131 687,515	14,908	14,442
52	48	93 706	8 389,905	122 854,329	14,643	14,177
53	49	93 169	7 963,577	114 464,424	14,373	13,907
54	50	92 569	7 553,521	106 500,847	14,099	13,633
55	51	91 907	7 159,370	98 947,326	13,821	13,355
56	52	91 167	6 779,752	91 787,956	13,539	13,073
57	53	90 356	6 414,681	85 008,203	13,252	12,786
58	54	89 463	6 063,291	78 593,522	12,962	12,496
59	55	88 477	5 724,547	72 530,232	12,670	12,204
60	56	87 401	5 398,543	66 805,684	12,375	11,909
61	57	86 233	5 084,819	61 407,141	12,077	11,611
62	58	84 965	4 782,870	56 322,322	11,776	11,310
63	59	83 585	4 491,840	51 539,452	11,474	11,008
64	60	82 112	4 212,581	47 047,612	11,168	10,702
65	61	80 515	3 943,325	42 835,031	10,863	10,397
66	62	78 822	3 685,383	38 891,706	10,553	10,087
67	63	77 038	3 438,617	35 206,323	10,239	9,773
68	64	75 141	3 201,857	31 767,706	9,922	9,456
69	65	73 149	2 975,635	28 565,848	9,600	9,134
70	66	71 035	2 758,601	25 590,213	9,277	8,811
71	67	68 842	2 552,214	22 831,612	8,946	8,480
72	68	66 509	2 353,914	20 279,398	8,615	8,149
73	69	64 090	2 165,431	17 925,484	8,278	7,812
74	70	61 528	1 984,613	15 760,053	7,941	7,475
75	71	58 864	1 812,596	13 775,440	7,600	7,134
76	72	56 106	1 649,310	11 962,845	7,253	6,787
77	73	53 220	1 493,534	10 313,535	6,905	6,439
78	74	50 216	1 345,330	8 820,001	6,556	6,090
79	75	47 078	1 204,052	7 474,671	6,208	5,742
80	76	43 842	1 070,453	6 270,619	5,858	5,392
81	77	40 476	943,458	5 200,166	5,512	5,046
82	78	36 963	822,504	4 256,707	5,175	4,709
83	79	33 337	708,171	3 434,203	4,849	4,383
84	80	29 659	601,476	2 726,032	4,532	4,066
85	81	25 949	502,368	2 124,556	4,229	3,763
86	82	22 241	411,061	1 622,188	3,946	3,480
87	83	18 654	329,133	1 211,127	3,680	3,214
88	84	15 272	257,235	881,994	3,429	2,963
89	85	12 154	195,431	624,759	3,197	2,731
90	86	9 374	143,906	429,328	2,983	2,517
91	87	7 003	102,635	285,422	2,781	2,315
92	88	5 049	70,632	182,787	2,588	2,122
93	89	3 464	46,267	112,155	2,424	1,958
94	90	2 281	29,089	65,888	2,265	1,799
95	91	1 420	17,282	36,799	2,129	1,663
96	92	839	9,749	19,516	2,002	1,536
97	93	462	5,124	9,768	1,906	1,440
98	94	242	2,567	4,644	1,809	1,343
99	95	119	1,206	2,077	1,723	1,257
100	96	55	0,530	0,871	1,644	1,178

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5	0	99 579	78 958,440	1 653 465,603	20,941	20,475
6	1	99 270	75 143,899	1 574 507,163	20,953	20,487
7	2	99 236	71 712,113	1 499 363,263	20,908	20,442
8	3	99 215	68 445,851	1 427 651,150	20,858	20,392
9	4	99 197	65 329,775	1 359 205,299	20,805	20,339
10	5	99 179	62 356,370	1 293 875,524	20,750	20,284
11	6	99 163	59 518,735	1 231 519,155	20,691	20,225
12	7	99 146	56 810,371	1 172 000,420	20,630	20,164
13	8	99 135	54 227,992	1 115 190,049	20,565	20,099
14	9	99 118	51 760,395	1 060 962,057	20,498	20,032
15	10	99 099	49 403,539	1 009 201,663	20,428	19,962
16	11	99 077	47 152,985	959 798,124	20,355	19,889
17	12	99 045	45 000,162	912 645,140	20,281	19,815
18	13	99 010	42 944,407	867 644,977	20,204	19,738
19	14	98 963	40 977,477	824 700,570	20,126	19,660
20	15	98 914	39 100,148	783 723,094	20,044	19,578
21	16	98 860	37 306,451	744 622,946	19,960	19,494
22	17	98 805	35 595,075	707 316,495	19,871	19,405
23	18	98 747	33 960,938	671 721,420	19,779	19,313
24	19	98 687	32 401,281	637 760,482	19,683	19,217
25	20	98 623	30 911,918	605 359,201	19,583	19,117
26	21	98 561	29 491,808	574 447,283	19,478	19,012
27	22	98 500	28 136,911	544 955,476	19,368	18,902
28	23	98 438	26 844,236	516 818,565	19,252	18,786
29	24	98 373	25 609,921	489 974,329	19,132	18,666
30	25	98 304	24 431,461	464 364,408	19,007	18,541
31	26	98 230	23 306,063	439 932,947	18,876	18,410
32	27	98 151	22 231,337	416 626,884	18,741	18,275
33	28	98 068	21 205,214	394 395,547	18,599	18,133
34	29	97 973	20 224,062	373 190,333	18,453	17,987
35	30	97 872	19 287,131	352 966,271	18,301	17,835
36	31	97 763	18 391,930	333 679,140	18,143	17,677
37	32	97 648	17 537,329	315 287,210	17,978	17,512
38	33	97 519	16 719,945	297 749,881	17,808	17,342
39	34	97 380	15 938,974	281 029,936	17,632	17,166
40	35	97 232	15 193,083	265 090,962	17,448	16,982
41	36	97 071	14 480,214	249 897,878	17,258	16,792
42	37	96 897	13 798,826	235 417,664	17,061	16,595
43	38	96 712	13 147,880	221 618,838	16,856	16,390
44	39	96 505	12 524,789	208 470,958	16,645	16,179
45	40	96 273	11 928,166	195 946,169	16,427	15,961
46	41	96 019	11 357,174	184 018,002	16,203	15,737
47	42	95 739	10 810,535	172 660,829	15,972	15,506
48	43	95 436	10 287,710	161 850,293	15,732	15,266
49	44	95 096	9 786,228	151 562,583	15,487	15,021
50	45	94 722	9 305,662	141 776,355	15,235	14,769
51	46	94 298	8 843,953	132 470,694	14,979	14,513
52	47	93 834	8 401,418	123 626,741	14,715	14,249
53	48	93 318	7 976,291	115 225,323	14,446	13,980
54	49	92 731	7 566,748	107 249,032	14,174	13,708
55	50	92 077	7 172,663	99 682,284	13,898	13,432
56	51	91 363	6 794,310	92 509,621	13,616	13,150
57	52	90 567	6 429,682	85 715,310	13,331	12,865
58	53	89 693	6 078,899	79 285,629	13,043	12,577
59	54	88 733	5 741,132	73 206,729	12,751	12,285
60	55	87 686	5 416,121	67 465,598	12,456	11,990
61	56	86 542	5 103,073	62 049,477	12,159	11,693
62	57	85 299	4 801,713	56 946,404	11,860	11,394
63	58	83 950	4 511,462	52 144,691	11,558	11,092
64	59	82 500	4 232,501	47 633,229	11,254	10,788
65	60	80 942	3 964,240	43 400,728	10,948	10,482
66	61	79 273	3 706,458	39 436,488	10,640	10,174
67	62	77 513	3 459,841	35 730,031	10,327	9,861
68	63	75 651	3 223,613	32 270,190	10,011	9,545
69	64	73 700	2 998,039	29 046,576	9,689	9,223
70	65	71 606	2 780,765	26 048,538	9,367	8,901
71	66	69 451	2 574,775	23 267,773	9,037	8,571
72	67	67 146	2 376,448	20 692,998	8,708	8,242
73	68	64 768	2 188,333	18 316,550	8,370	7,904
74	69	62 247	2 007,812	16 128,217	8,033	7,567
75	70	59 616	1 835,724	14 120,405	7,692	7,226
76	71	56 885	1 672,222	12 284,681	7,346	6,880
77	72	54 020	1 515,991	10 612,459	7,000	6,534
78	73	51 054	1 367,783	9 096,468	6,651	6,185
79	74	47 933	1 225,927	7 728,684	6,304	5,838
80	75	44 702	1 091,443	6 502,758	5,958	5,492
81	76	41 368	964,253	5 411,314	5,612	5,146
82	77	37 864	842,554	4 447,061	5,278	4,812
83	78	34 278	728,157	3 604,507	4,950	4,484
84	79	30 621	620,984	2 876,350	4,632	4,166
85	80	26 931	521,378	2 255,366	4,326	3,860
86	81	23 232	429,384	1 733,988	4,038	3,572
87	82	19 623	346,230	1 304,603	3,768	3,302
88	83	16 190	272,700	958,373	3,514	3,048
89	84	13 001	209,053	685,673	3,280	2,814
90	85	10 147	155,764	476,620	3,060	2,594
91	86	7 672	112,437	320,856	2,854	2,388
92	87	5 609	78,475	208,419	2,656	2,190
93	88	3 911	52,232	129,944	2,488	2,022
94	89	2 621	33,417	77,712	2,325	1,859
95	90	1 665	20,272	44,294	2,185	1,719
96	91	1 008	11,712	24,022	2,051	1,585
97	92	568	6,306	12,310	1,952	1,486
98	93	306	3,245	6,004	1,850	1,384
99	94	155	1,566	2,759	1,762	1,295
100	95	73	0,709	1,193	1,682	1,216

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	75 370,413	1 575 704,916	20,906	20,440
7	1	99 261	71 729,898	1 500 334,503	20,916	20,450
8	2	99 228	68 454,354	1 428 604,605	20,869	20,403
9	3	99 207	65 336,513	1 360 150,250	20,818	20,352
10	4	99 189	62 362,337	1 294 813,737	20,763	20,297
11	5	99 171	59 524,037	1 232 451,400	20,705	20,239
12	6	99 155	56 815,397	1 172 927,363	20,645	20,179
13	7	99 139	54 230,511	1 116 111,966	20,581	20,115
14	8	99 125	51 764,002	1 061 881,456	20,514	20,048
15	9	99 105	49 406,561	1 010 117,454	20,445	19,979
16	10	99 083	47 155,743	960 710,893	20,373	19,907
17	11	99 053	45 003,642	913 555,150	20,300	19,834
18	12	99 018	42 947,779	868 551,507	20,223	19,757
19	13	98 972	40 981,338	825 603,728	20,146	19,680
20	14	98 923	39 103,753	784 622,390	20,065	19,599
21	15	98 872	37 310,991	745 518,637	19,981	19,515
22	16	98 819	35 600,317	708 207,647	19,893	19,427
23	17	98 760	33 965,563	672 607,329	19,803	19,337
24	18	98 706	32 407,666	638 641,767	19,707	19,240
25	19	98 640	30 917,322	606 234,101	19,608	19,142
26	20	98 579	29 497,261	575 316,779	19,504	19,038
27	21	98 516	28 141,551	545 819,518	19,396	18,929
28	22	98 454	26 848,607	517 677,967	19,281	18,815
29	23	98 391	25 614,530	490 829,360	19,162	18,696
30	24	98 322	24 435,858	465 214,829	19,038	18,572
31	25	98 249	23 310,497	440 778,971	18,909	18,443
32	26	98 169	22 235,522	417 468,474	18,775	18,309
33	27	98 089	21 209,778	395 232,953	18,634	18,168
34	28	97 996	20 228,829	374 023,175	18,490	18,024
35	29	97 897	19 292,123	353 794,345	18,339	17,873
36	30	97 794	18 397,764	334 502,222	18,182	17,716
37	31	97 679	17 542,838	316 104,458	18,019	17,553
38	32	97 552	16 725,676	298 561,620	17,850	17,384
39	33	97 415	15 944,720	281 835,944	17,676	17,210
40	34	97 271	15 199,254	265 891,225	17,494	17,028
41	35	97 111	14 486,184	250 691,971	17,306	16,840
42	36	96 942	13 805,156	236 205,787	17,110	16,644
43	37	96 758	13 154,124	222 400,631	16,907	16,441
44	38	96 563	12 532,350	209 246,507	16,697	16,231
45	39	96 331	11 935,341	196 714,157	16,482	16,016
46	40	96 085	11 364,967	184 778,816	16,259	15,793
47	41	95 809	10 818,544	173 413,850	16,029	15,563
48	42	95 512	10 295,882	162 595,306	15,792	15,326
49	43	95 183	9 795,123	152 299,423	15,548	15,082
50	44	94 814	9 314,702	142 504,301	15,299	14,833
51	45	94 407	8 854,155	133 189,598	15,043	14,577
52	46	93 949	8 411,659	124 335,443	14,781	14,315
53	47	93 446	7 987,236	115 923,784	14,514	14,048
54	48	92 879	7 578,829	107 936,548	14,242	13,776
55	49	92 238	7 185,223	100 357,719	13,967	13,501
56	50	91 533	6 806,925	93 172,496	13,688	13,222
57	51	90 761	6 443,488	86 365,571	13,404	12,938
58	52	89 903	6 093,114	79 922,083	13,117	12,651
59	53	88 961	5 755,911	73 828,968	12,827	12,361
60	54	87 940	5 431,812	68 073,057	12,532	12,066
61	55	86 824	5 119,688	62 641,246	12,235	11,769
62	56	85 606	4 818,950	57 521,557	11,937	11,471
63	57	84 281	4 529,236	52 702,607	11,636	11,170
64	58	82 861	4 250,990	48 173,372	11,332	10,866
65	59	81 324	3 982,985	43 922,382	11,028	10,561
66	60	79 693	3 726,116	39 939,396	10,719	10,253
67	61	77 957	3 479,626	36 213,280	10,407	9,941
68	62	76 118	3 243,510	32 733,654	10,092	9,626
69	63	74 200	3 018,410	29 490,144	9,770	9,304
70	64	72 145	2 801,701	26 471,734	9,448	8,982
71	65	70 009	2 595,462	23 670,033	9,120	8,654
72	66	67 739	2 397,455	21 074,571	8,790	8,324
73	67	65 388	2 209,282	18 677,117	8,454	7,988
74	68	62 906	2 029,047	16 467,834	8,116	7,650
75	69	60 312	1 857,183	14 438,787	7,775	7,309
76	70	57 611	1 693,559	12 581,605	7,429	6,963
77	71	54 771	1 537,051	10 888,045	7,084	6,618
78	72	51 822	1 388,350	9 350,994	6,735	6,269
79	73	48 733	1 246,388	7 962,644	6,389	5,923
80	74	45 514	1 111,272	6 716,256	6,044	5,578
81	75	42 179	983,161	5 604,985	5,701	5,235
82	76	38 699	861,125	4 621,824	5,367	4,901
83	77	35 113	745,907	3 760,699	5,042	4,576
84	78	31 485	638,510	3 014,791	4,722	4,256
85	79	27 804	538,288	2 376,282	4,415	3,949
86	80	24 111	445,633	1 837,993	4,124	3,658
87	81	20 498	361,663	1 392,361	3,850	3,384
88	82	17 031	286,865	1 030,697	3,593	3,127
89	83	13 782	221,622	743,832	3,356	2,890
90	84	10 854	166,621	522,210	3,134	2,668
91	85	8 305	121,702	355,589	2,922	2,456
92	86	6 145	85,970	233,887	2,721	2,255
93	87	4 345	58,032	147,917	2,549	2,083
94	88	2 959	37,726	89,885	2,383	1,917
95	89	1 913	23,288	52,159	2,240	1,774
96	90	1 182	13,738	28,871	2,102	1,636
97	91	683	7,576	15,133	1,997	1,531
98	92	377	3,994	7,557	1,892	1,426
99	93	196	1,980	3,563	1,799	1,333
100	94	95	0,921	1,583	1,718	1,252

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 560	71 946,121	1 501 441,477	20,869	20,403
8	1	99 252	68 471,331	1 429 495,357	20,877	20,411
9	2	99 219	65 344,630	1 361 024,025	20,828	20,362
10	3	99 199	62 368,769	1 295 679,395	20,774	20,308
11	4	99 181	59 529,733	1 233 310,626	20,718	20,252
12	5	99 164	56 820,458	1 173 780,893	20,658	20,192
13	6	99 148	54 235,308	1 116 960,434	20,595	20,129
14	7	99 130	51 766,407	1 062 725,126	20,529	20,063
15	8	99 112	49 410,004	1 010 958,719	20,461	19,995
16	9	99 089	47 158,628	961 548,715	20,390	19,924
17	10	99 058	45 006,275	914 390,087	20,317	19,851
18	11	99 025	42 951,100	869 383,812	20,241	19,775
19	12	98 980	40 984,556	826 432,712	20,164	19,698
20	13	98 933	39 107,438	785 448,156	20,084	19,618
21	14	98 881	37 314,431	746 340,718	20,001	19,535
22	15	98 832	35 604,649	709 026,287	19,914	19,448
23	16	98 775	33 970,565	673 421,638	19,824	19,358
24	17	98 720	32 412,079	639 451,073	19,729	19,263
25	18	98 659	30 923,414	607 038,994	19,630	19,164
26	19	98 597	29 502,418	576 115,580	19,528	19,062
27	20	98 534	28 146,755	546 613,162	19,420	18,954
28	21	98 471	26 853,035	518 466,407	19,308	18,842
29	22	98 407	25 618,701	491 613,372	19,190	18,724
30	23	98 339	24 440,256	465 994,670	19,067	18,601
31	24	98 266	23 314,692	441 554,414	18,939	18,473
32	25	98 188	22 239,752	418 239,722	18,806	18,340
33	26	98 107	21 213,770	395 999,970	18,667	18,201
34	27	98 017	20 233,183	374 786,199	18,523	18,057
35	28	97 920	19 296,670	354 553,016	18,374	17,908
36	29	97 819	18 402,526	335 256,346	18,218	17,752
37	30	97 709	17 548,403	316 853,820	18,056	17,590
38	31	97 583	16 730,929	299 305,417	17,889	17,423
39	32	97 448	15 950,185	282 574,488	17,716	17,250
40	33	97 306	15 204,733	266 624,303	17,536	17,070
41	34	97 151	14 492,068	251 419,570	17,349	16,883
42	35	96 982	13 810,847	236 927,502	17,155	16,689
43	36	96 802	13 160,158	223 116,655	16,954	16,488
44	37	96 609	12 538,301	209 956,497	16,745	16,279
45	38	96 389	11 942,545	197 418,196	16,531	16,065
46	39	96 142	11 371,803	185 475,650	16,310	15,844
47	40	95 875	10 825,967	174 103,847	16,082	15,616
48	41	95 583	10 303,510	163 277,880	15,847	15,381
49	42	95 258	9 802,904	152 974,371	15,605	15,139
50	43	94 900	9 323,168	143 171,467	15,357	14,891
51	44	94 498	8 862,757	133 848,299	15,102	14,636
52	45	94 057	8 421,363	124 985,541	14,841	14,375
53	46	93 560	7 996,973	116 564,179	14,576	14,110
54	47	93 007	7 589,229	108 567,206	14,305	13,839
55	48	92 386	7 196,695	100 977,978	14,031	13,565
56	49	91 693	6 818,845	93 781,283	13,753	13,287
57	50	90 930	6 455,451	86 962,438	13,471	13,005
58	51	90 096	6 106,198	80 506,986	13,184	12,718
59	52	89 169	5 769,371	74 400,789	12,896	12,430
60	53	88 166	5 445,795	68 631,418	12,603	12,137
61	54	87 075	5 134,520	63 185,623	12,306	11,840
62	55	85 884	4 834,641	58 051,103	12,007	11,541
63	56	84 583	4 545,495	53 216,462	11,708	11,242
64	57	83 187	4 267,737	48 670,967	11,404	10,938
65	58	81 680	4 000,385	44 403,230	11,100	10,634
66	59	80 070	3 743,736	40 402,846	10,792	10,326
67	60	78 370	3 498,082	36 659,110	10,480	10,014
68	61	76 554	3 262,058	33 161,028	10,166	9,700
69	62	74 658	3 037,040	29 898,970	9,845	9,379
70	63	72 635	2 820,738	26 861,930	9,523	9,057
71	64	70 536	2 615,003	24 041,192	9,194	8,728
72	65	68 284	2 416,717	21 426,189	8,866	8,400
73	66	65 966	2 228,811	19 009,472	8,529	8,063
74	67	63 508	2 048,471	16 780,661	8,192	7,726
75	68	60 950	1 876,825	14 732,190	7,850	7,384
76	69	58 285	1 713,356	12 855,365	7,503	7,037
77	70	55 470	1 556,663	11 142,008	7,158	6,692
78	71	52 542	1 407,637	9 585,345	6,810	6,344
79	72	49 466	1 265,129	8 177,708	6,464	5,998
80	73	46 273	1 129,819	6 912,579	6,118	5,652
81	74	42 946	1 001,022	5 782,760	5,777	5,311
82	75	39 458	878,010	4 781,738	5,446	4,980
83	76	35 887	762,348	3 903,727	5,121	4,655
84	77	32 253	654,074	3 141,379	4,803	4,337
85	78	28 589	553,480	2 487,305	4,494	4,028
86	79	24 893	460,086	1 933,825	4,203	3,737
87	80	21 273	375,349	1 473,739	3,926	3,460
88	81	17 790	299,653	1 098,389	3,666	3,200
89	82	14 498	233,134	798,737	3,426	2,960
90	83	11 507	176,639	565,603	3,202	2,736
91	84	8 883	130,185	388,964	2,988	2,522
92	85	6 651	93,054	258,779	2,781	2,315
93	86	4 760	63,575	165,725	2,607	2,141
94	87	3 287	41,915	102,151	2,437	1,971
95	88	2 160	26,290	60,236	2,291	1,825
96	89	1 358	15,782	33,945	2,151	1,685
97	90	801	8,887	18,163	2,044	1,578
98	91	453	4,798	9,276	1,933	1,467
99	92	241	2,437	4,478	1,838	1,372
100	93	121	1,165	2,041	1,752	1,286

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 552	68 677,731	1 430 518,372	20,829	20,363
9	1	99 244	65 360,836	1 361 840,641	20,836	20,370
10	2	99 211	62 376,518	1 296 479,805	20,785	20,319
11	3	99 191	59 535,873	1 234 103,287	20,729	20,263
12	4	99 173	56 825,896	1 174 567,414	20,670	20,204
13	5	99 157	54 240,140	1 117 741,518	20,607	20,141
14	6	99 139	51 770,986	1 063 501,378	20,542	20,076
15	7	99 116	49 412,300	1 011 730,392	20,475	20,009
16	8	99 096	47 161,914	962 318,092	20,405	19,939
17	9	99 065	45 009,028	915 156,178	20,333	19,867
18	10	99 031	42 953,613	870 147,150	20,258	19,792
19	11	98 988	40 987,726	827 193,537	20,181	19,715
20	12	98 940	39 110,509	786 205,811	20,102	19,636
21	13	98 890	37 317,947	747 095,302	20,020	19,554
22	14	98 841	35 607,932	709 777,355	19,933	19,467
23	15	98 787	33 974,699	674 169,423	19,843	19,377
24	16	98 734	32 416,852	640 194,724	19,749	19,283
25	17	98 673	30 927,625	607 777,872	19,652	19,186
26	18	98 616	29 508,231	576 850,247	19,549	19,083
27	19	98 551	28 151,676	547 342,015	19,443	18,977
28	20	98 489	26 858,001	519 190,340	19,331	18,865
29	21	98 423	25 622,927	492 332,339	19,215	18,749
30	22	98 355	24 444,236	466 709,412	19,093	18,627
31	23	98 284	23 318,889	442 265,176	18,966	18,500
32	24	98 206	22 243,755	418 946,288	18,834	18,368
33	25	98 126	21 217,806	396 702,533	18,697	18,231
34	26	98 035	20 236,992	375 484,726	18,554	18,088
35	27	97 942	19 300,824	355 247,735	18,406	17,940
36	28	97 842	18 406,864	335 946,911	18,251	17,785
37	29	97 735	17 552,945	317 540,048	18,090	17,624
38	30	97 614	16 736,237	299 987,103	17,924	17,458
39	31	97 479	15 955,194	283 250,866	17,753	17,287
40	32	97 339	15 209,944	267 295,671	17,574	17,108
41	33	97 186	14 497,292	252 085,727	17,388	16,922
42	34	97 021	13 816,457	237 588,435	17,196	16,730
43	35	96 842	13 165,584	223 771,979	16,997	16,531
44	36	96 653	12 544,052	210 606,394	16,789	16,323
45	37	96 435	11 948,217	198 062,342	16,577	16,111
46	38	96 200	11 378,667	186 114,125	16,356	15,890
47	39	95 933	10 832,479	174 735,458	16,131	15,665
48	40	95 648	10 310,580	163 902,979	15,897	15,431
49	41	95 329	9 810,166	153 592,399	15,656	15,190
50	42	94 975	9 330,575	143 782,234	15,410	14,944
51	43	94 584	8 870,812	134 451,659	15,157	14,691
52	44	94 149	8 429,544	125 580,847	14,898	14,432
53	45	93 668	8 006,198	117 151,303	14,633	14,167
54	46	93 120	7 598,480	109 145,105	14,364	13,898
55	47	92 512	7 206,570	101 546,625	14,091	13,625
56	48	91 839	6 829,732	94 340,055	13,813	13,347
57	49	91 089	6 466,756	87 510,323	13,532	13,066
58	50	90 263	6 117,535	81 043,567	13,248	12,782
59	51	89 361	5 781,759	74 926,033	12,959	12,493
60	52	88 373	5 458,529	69 144,273	12,667	12,201
61	53	87 300	5 147,738	63 685,744	12,372	11,906
62	54	86 133	4 848,647	58 538,006	12,073	11,607
63	55	84 859	4 560,295	53 689,359	11,773	11,307
64	56	83 486	4 283,057	49 129,064	11,471	11,005
65	57	82 001	4 016,145	44 846,007	11,166	10,700
66	58	80 420	3 760,090	40 829,862	10,859	10,393
67	59	78 741	3 514,623	37 069,772	10,547	10,081
68	60	76 960	3 279,360	33 555,149	10,232	9,766
69	61	75 085	3 054,407	30 275,790	9,912	9,446
70	62	73 083	2 838,148	27 221,382	9,591	9,125
71	63	71 015	2 632,771	24 383,234	9,261	8,795
72	64	68 798	2 434,912	21 750,463	8,933	8,467
73	65	66 496	2 246,719	19 315,551	8,597	8,131
74	66	64 069	2 066,579	17 068,832	8,259	7,793
75	67	61 534	1 894,792	15 002,253	7,918	7,452
76	68	58 901	1 731,478	13 107,461	7,570	7,104
77	69	56 118	1 574,860	11 375,984	7,223	6,757
78	70	53 212	1 425,598	9 801,124	6,875	6,409
79	71	50 153	1 282,704	8 375,526	6,530	6,064
80	72	46 969	1 146,807	7 092,822	6,185	5,719
81	73	43 663	1 017,729	5 946,014	5,842	5,376
82	74	40 174	893,962	4 928,285	5,513	5,047
83	75	36 591	777,297	4 034,323	5,190	4,724
84	76	32 964	668,491	3 257,027	4,872	4,406
85	77	29 286	566,972	2 588,536	4,566	4,100
86	78	25 596	473,071	2 021,563	4,273	3,807
87	79	21 963	387,523	1 548,493	3,996	3,530
88	80	18 463	310,992	1 160,970	3,733	3,267
89	81	15 144	243,526	849,978	3,490	3,024
90	82	12 104	185,814	606,452	3,264	2,798
91	83	9 417	138,012	420,638	3,048	2,582
92	84	7 115	99,540	282,626	2,839	2,373
93	85	5 152	68,813	183,086	2,661	2,195
94	86	3 601	45,918	114,273	2,489	2,023
95	87	2 400	29,210	68,355	2,340	1,874
96	88	1 533	17,817	39,145	2,197	1,731
97	89	920	10,209	21,328	2,089	1,623
98	90	531	5,628	11,119	1,975	1,509
99	91	290	2,928	5,490	1,875	1,409
100	92	149	1,434	2,563	1,788	1,322

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9	0	99 543	65 557,860	1 362 786,099	20,788	20,322
10	1	99 236	62 391,987	1 297 228,239	20,792	20,326
11	2	99 204	59 543,270	1 234 836,252	20,738	20,272
12	3	99 184	56 831,757	1 175 292,982	20,680	20,214
13	4	99 166	54 245,331	1 118 461,225	20,619	20,153
14	5	99 147	51 775,598	1 064 215,895	20,554	20,088
15	6	99 125	49 416,671	1 012 440,296	20,488	20,022
16	7	99 101	47 164,105	963 023,625	20,419	19,953
17	8	99 071	45 012,165	915 859,520	20,347	19,881
18	9	99 037	42 956,241	870 847,355	20,273	19,807
19	10	98 993	40 990,123	827 891,114	20,197	19,731
20	11	98 948	39 113,533	786 900,991	20,118	19,652
21	12	98 898	37 320,878	747 787,458	20,037	19,571
22	13	98 850	35 611,288	710 466,580	19,951	19,485
23	14	98 796	33 977,831	674 855,292	19,862	19,396
24	15	98 746	32 420,797	640 877,461	19,767	19,301
25	16	98 687	30 932,180	608 456,664	19,671	19,205
26	17	98 630	29 512,250	577 524,484	19,569	19,103
27	18	98 571	28 157,223	548 012,234	19,463	18,997
28	19	98 506	26 862,696	519 855,011	19,352	18,886
29	20	98 441	25 627,665	492 992,315	19,237	18,771
30	21	98 371	24 448,268	467 364,651	19,116	18,650
31	22	98 300	23 322,686	442 916,383	18,991	18,525
32	23	98 223	22 247,759	419 593,697	18,860	18,394
33	24	98 144	21 221,625	397 345,939	18,724	18,258
34	25	98 054	20 240,842	376 124,314	18,582	18,116
35	26	97 960	19 304,457	355 883,472	18,435	17,969
36	27	97 863	18 410,825	336 579,015	18,282	17,816
37	28	97 758	17 557,082	318 168,190	18,122	17,656
38	29	97 639	16 740,569	300 611,108	17,957	17,491
39	30	97 510	15 960,256	283 870,539	17,786	17,320
40	31	97 370	15 214,722	267 910,283	17,609	17,143
41	32	97 219	14 502,261	252 695,561	17,425	16,959
42	33	97 056	13 821,437	238 193,301	17,234	16,768
43	34	96 881	13 170,931	224 371,863	17,035	16,569
44	35	96 693	12 549,224	211 200,932	16,830	16,364
45	36	96 479	11 953,698	198 651,708	16,618	16,152
46	37	96 246	11 384,071	186 698,010	16,400	15,934
47	38	95 991	10 839,018	175 313,940	16,174	15,708
48	39	95 706	10 316,782	164 474,922	15,942	15,476
49	40	95 394	9 816,897	154 158,140	15,703	15,237
50	41	95 046	9 337,487	144 341,243	15,458	14,992
51	42	94 659	8 877,859	135 003,756	15,207	14,741
52	43	94 234	8 437,206	126 125,897	14,949	14,483
53	44	93 759	8 013,976	117 688,691	14,685	14,219
54	45	93 228	7 607,245	109 674,716	14,417	13,951
55	46	92 625	7 215,355	102 067,470	14,146	13,680
56	47	91 966	6 839,103	94 852,115	13,869	13,403
57	48	91 235	6 477,080	88 013,012	13,588	13,122
58	49	90 421	6 128,248	81 535,932	13,305	12,839
59	50	89 527	5 792,494	75 407,684	13,018	12,552
60	51	88 562	5 470,250	69 615,190	12,726	12,260
61	52	87 504	5 159,776	64 144,940	12,432	11,966
62	53	86 355	4 861,129	58 985,164	12,134	11,668
63	54	85 105	4 573,506	54 124,035	11,834	11,368
64	55	83 757	4 297,003	49 550,529	11,531	11,065
65	56	82 296	4 030,562	45 253,526	11,228	10,762
66	57	80 737	3 774,903	41 222,964	10,920	10,454
67	58	79 085	3 529,976	37 448,061	10,609	10,143
68	59	77 324	3 294,867	33 918,085	10,294	9,828
69	60	75 484	3 070,607	30 623,218	9,973	9,507
70	61	73 501	2 854,378	27 552,611	9,653	9,187
71	62	71 453	2 649,021	24 698,233	9,324	8,858
72	63	69 265	2 451,457	22 049,211	8,994	8,528
73	64	66 996	2 263,634	19 597,754	8,658	8,192
74	65	64 584	2 083,183	17 334,120	8,321	7,855
75	66	62 078	1 911,541	15 250,938	7,978	7,512
76	67	59 465	1 748,053	13 339,397	7,631	7,165
77	68	56 712	1 591,517	11 591,344	7,283	6,817
78	69	53 834	1 442,263	9 999,827	6,933	6,467
79	70	50 793	1 299,071	8 557,565	6,587	6,121
80	71	47 622	1 162,739	7 258,494	6,243	5,777
81	72	44 319	1 033,032	6 095,755	5,901	5,435
82	73	40 845	908,882	5 062,722	5,570	5,104
83	74	37 256	791,418	4 153,841	5,249	4,783
84	75	33 610	681,599	3 362,422	4,933	4,467
85	76	29 931	579,469	2 680,824	4,626	4,160
86	77	26 220	484,603	2 101,354	4,336	3,870
87	78	22 583	398,460	1 616,752	4,058	3,591
88	79	19 062	321,078	1 218,292	3,794	3,328
89	80	15 718	252,741	897,213	3,550	3,084
90	81	12 644	194,097	644,472	3,320	2,854
91	82	9 907	145,181	450,375	3,102	2,636
92	83	7 543	105,524	305,194	2,892	2,426
93	84	5 511	73,610	199,670	2,713	2,247
94	85	3 898	49,702	126,060	2,536	2,070
95	86	2 629	32,000	76,358	2,386	1,920
96	87	1 704	19,795	44,359	2,241	1,775
97	88	1 039	11,526	24,564	2,131	1,665
98	89	611	6,466	13,038	2,016	1,550
99	90	340	3,434	6,572	1,914	1,448
100	91	178	1,722	3,138	1,822	1,356

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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10	0	99 535	62 580,062	1 298 102,118	20,743	20,277
11	1	99 228	59 558,037	1 235 522,057	20,745	20,279
12	2	99 196	56 838,818	1 175 964,020	20,689	20,223
13	3	99 177	54 250,925	1 119 125,202	20,629	20,163
14	4	99 157	51 780,553	1 064 874,277	20,565	20,099
15	5	99 134	49 421,073	1 013 093,724	20,499	20,033
16	6	99 109	47 168,278	963 672,650	20,431	19,965
17	7	99 076	45 014,256	916 504,373	20,360	19,894
18	8	99 044	42 959,234	871 490,116	20,286	19,820
19	9	98 999	40 992,631	828 530,882	20,212	19,746
20	10	98 954	39 115,821	787 538,251	20,133	19,667
21	11	98 905	37 323,764	748 422,430	20,052	19,586
22	12	98 858	35 614,084	711 098,666	19,967	19,501
23	13	98 805	33 981,033	675 484,582	19,878	19,412
24	14	98 755	32 423,786	641 503,549	19,785	19,319
25	15	98 699	30 935,944	609 079,763	19,688	19,222
26	16	98 644	29 516,596	578 143,819	19,587	19,121
27	17	98 584	28 161,058	548 627,223	19,482	19,016
28	18	98 525	26 867,990	520 466,165	19,371	18,905
29	19	98 458	25 632,145	493 598,176	19,257	18,791
30	20	98 390	24 452,788	467 966,031	19,138	18,672
31	21	98 316	23 326,532	443 513,242	19,013	18,547
32	22	98 239	22 251,381	420 186,710	18,884	18,418
33	23	98 161	21 225,445	397 935,329	18,748	18,282
34	24	98 072	20 244,485	376 709,884	18,608	18,142
35	25	97 979	19 308,130	356 465,399	18,462	17,996
36	26	97 881	18 414,291	337 157,270	18,310	17,844
37	27	97 779	17 560,861	318 742,979	18,151	17,685
38	28	97 662	16 744,515	301 182,118	17,987	17,521
39	29	97 535	15 964,387	284 437,604	17,817	17,351
40	30	97 401	15 219,548	268 473,217	17,640	17,174
41	31	97 250	14 506,816	253 253,668	17,458	16,992
42	32	97 089	13 826,174	238 746,852	17,268	16,802
43	33	96 916	13 175,679	224 920,678	17,071	16,605
44	34	96 732	12 554,321	211 744,999	16,866	16,400
45	35	96 519	11 958,626	199 190,678	16,657	16,191
46	36	96 290	11 389,292	187 232,052	16,439	15,973
47	37	96 036	10 844,165	175 842,759	16,215	15,749
48	38	95 763	10 323,009	164 998,594	15,984	15,518
49	39	95 452	9 822,802	154 675,585	15,747	15,281
50	40	95 111	9 343,894	144 852,783	15,502	15,036
51	41	94 730	8 884,436	135 508,889	15,252	14,786
52	42	94 309	8 443,908	126 624,453	14,996	14,530
53	43	93 844	8 021,260	118 180,545	14,733	14,267
54	44	93 318	7 614,636	110 159,285	14,467	14,001
55	45	92 732	7 223,678	102 544,650	14,196	13,730
56	46	92 078	6 847,440	95 320,971	13,921	13,455
57	47	91 360	6 485,968	88 473,531	13,641	13,175
58	48	90 566	6 138,032	81 987,563	13,357	12,891
59	49	89 684	5 802,638	75 849,531	13,072	12,606
60	50	88 727	5 480,407	70 046,893	12,781	12,315
61	51	87 692	5 170,855	64 566,487	12,487	12,021
62	52	86 557	4 872,496	59 395,631	12,190	11,724
63	53	85 324	4 585,280	54 523,136	11,891	11,425
64	54	84 000	4 309,452	49 937,856	11,588	11,122
65	55	82 564	4 043,685	45 628,404	11,284	10,818
66	56	81 027	3 788,454	41 584,718	10,977	10,511
67	57	79 396	3 543,883	37 796,264	10,665	10,199
68	58	77 661	3 309,260	34 252,381	10,350	9,884
69	59	75 841	3 085,127	30 943,121	10,030	9,564
70	60	73 891	2 869,517	27 857,994	9,708	9,242
71	61	71 862	2 664,169	24 988,477	9,379	8,913
72	62	69 693	2 466,588	22 324,307	9,051	8,585
73	63	67 451	2 279,015	19 857,719	8,713	8,247
74	64	65 070	2 098,867	17 578,704	8,375	7,909
75	65	62 577	1 926,899	15 479,837	8,034	7,568
76	66	59 991	1 763,505	13 552,938	7,685	7,219
77	67	57 254	1 606,752	11 789,433	7,337	6,871
78	68	54 404	1 457,517	10 182,681	6,986	6,520
79	69	51 386	1 314,257	8 725,165	6,639	6,173
80	70	48 229	1 177,575	7 410,908	6,293	5,827
81	71	44 935	1 047,383	6 233,333	5,951	5,485
82	72	41 459	922,548	5 185,950	5,621	5,155
83	73	37 877	804,627	4 263,402	5,299	4,833
84	74	34 221	693,982	3 458,775	4,984	4,518
85	75	30 518	590,832	2 764,793	4,679	4,213
86	76	26 798	495,284	2 173,961	4,389	3,923
87	77	23 134	408,173	1 678,677	4,113	3,647
88	78	19 600	330,140	1 270,504	3,848	3,382
89	79	16 227	260,938	940,364	3,604	3,138
90	80	13 122	201,442	679,426	3,373	2,907
91	81	10 348	151,653	477,984	3,152	2,686
92	82	7 934	111,006	326,331	2,940	2,474
93	83	5 843	78,035	215,325	2,759	2,293
94	84	4 170	53,166	137,290	2,582	2,116
95	85	2 846	34,636	84,124	2,429	1,963
96	86	1 866	21,686	49,488	2,282	1,816
97	87	1 154	12,805	27,802	2,171	1,705
98	88	689	7,299	14,997	2,055	1,589
99	89	390	3,945	7,698	1,951	1,485
100	90	209	2,020	3,752	1,857	1,391

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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11	0	99 527	59 737,569	1 236 329,915	20,696	20,230
12	1	99 220	56 852,914	1 176 592,346	20,695	20,229
13	2	99 189	54 257,666	1 119 739,432	20,637	20,171
14	3	99 167	51 785,894	1 065 481,767	20,575	20,109
15	4	99 143	49 425,803	1 013 695,873	20,509	20,043
16	5	99 118	47 172,480	964 270,070	20,441	19,975
17	6	99 085	45 018,239	917 097,590	20,372	19,906
18	7	99 049	42 961,230	872 079,352	20,299	19,833
19	8	99 006	40 995,488	829 118,122	20,225	19,759
20	9	98 960	39 118,214	788 122,634	20,147	19,681
21	10	98 911	37 325,947	749 004,420	20,067	19,601
22	11	98 865	35 616,838	711 678,473	19,982	19,516
23	12	98 813	33 983,702	676 061,634	19,894	19,428
24	13	98 765	32 426,841	642 077,933	19,801	19,335
25	14	98 708	30 938,797	609 651,091	19,705	19,239
26	15	98 656	29 520,188	578 712,295	19,604	19,138
27	16	98 599	28 165,205	549 192,107	19,499	19,033
28	17	98 539	26 871,649	521 026,902	19,389	18,923
29	18	98 478	25 637,196	494 155,254	19,275	18,809
30	19	98 407	24 457,063	468 518,058	19,157	18,691
31	20	98 334	23 330,846	444 060,995	19,033	18,567
32	21	98 256	22 255,051	420 730,149	18,905	18,439
33	22	98 177	21 228,901	398 475,098	18,770	18,304
34	23	98 089	20 248,128	377 246,197	18,631	18,165
35	24	97 996	19 311,604	356 998,068	18,486	18,020
36	25	97 900	18 417,794	337 686,464	18,335	17,869
37	26	97 797	17 564,166	319 268,670	18,177	17,711
38	27	97 683	16 748,119	301 704,503	18,014	17,548
39	28	97 558	15 968,150	284 956,385	17,845	17,379
40	29	97 426	15 223,488	268 988,235	17,669	17,203
41	30	97 280	14 511,418	253 764,747	17,487	17,021
42	31	97 120	13 830,517	239 253,330	17,299	16,833
43	32	96 949	13 180,195	225 422,812	17,103	16,637
44	33	96 767	12 558,847	212 242,617	16,900	16,434
45	34	96 558	11 963,483	199 683,771	16,691	16,225
46	35	96 330	11 393,988	187 720,287	16,475	16,009
47	36	96 080	10 849,139	176 326,299	16,253	15,787
48	37	95 809	10 327,911	165 477,160	16,022	15,556
49	38	95 509	9 828,731	155 149,249	15,785	15,319
50	39	95 168	9 349,514	145 320,517	15,543	15,077
51	40	94 795	8 890,532	135 971,003	15,294	14,828
52	41	94 379	8 450,163	127 080,471	15,039	14,573
53	42	93 918	8 027,632	118 630,307	14,778	14,312
54	43	93 403	7 621,557	110 602,676	14,512	14,046
55	44	92 822	7 230,696	102 981,119	14,242	13,776
56	45	92 184	6 855,339	95 750,423	13,967	13,501
57	46	91 471	6 493,875	88 895,083	13,689	13,223
58	47	90 690	6 146,454	82 401,209	13,406	12,940
59	48	89 827	5 811,902	76 254,754	13,120	12,654
60	49	88 882	5 490,003	70 442,852	12,831	12,365
61	50	87 854	5 180,456	64 952,849	12,538	12,072
62	51	86 743	4 882,959	59 772,393	12,241	11,775
63	52	85 523	4 596,002	54 889,435	11,943	11,477
64	53	84 216	4 320,546	50 293,432	11,641	11,175
65	54	82 803	4 055,400	45 972,887	11,336	10,870
66	55	81 291	3 800,790	41 917,487	11,029	10,563
67	56	79 681	3 556,605	38 116,697	10,717	10,251
68	57	77 967	3 322,297	34 560,093	10,402	9,936
69	58	76 172	3 098,604	31 237,795	10,081	9,615
70	59	74 240	2 883,086	28 139,191	9,760	9,294
71	60	72 243	2 678,300	25 256,105	9,430	8,964
72	61	70 091	2 480,693	22 577,805	9,101	8,635
73	62	67 868	2 293,082	20 097,112	8,764	8,298
74	63	65 513	2 113,128	17 804,030	8,425	7,959
75	64	63 048	1 941,406	15 690,902	8,082	7,616
76	65	60 473	1 777,674	13 749,495	7,735	7,269
77	66	57 761	1 620,955	11 971,822	7,386	6,920
78	67	54 924	1 471,469	10 350,866	7,034	6,568
79	68	51 930	1 328,157	8 879,397	6,686	6,219
80	69	48 793	1 191,341	7 551,240	6,338	5,872
81	70	45 508	1 060,747	6 359,900	5,996	5,530
82	71	42 035	935,364	5 299,152	5,665	5,199
83	72	38 447	816,726	4 363,788	5,343	4,877
84	73	34 792	705,564	3 547,063	5,027	4,561
85	74	31 072	601,565	2 841,498	4,724	4,257
86	75	27 323	504,996	2 239,933	4,436	3,970
87	76	23 644	417,170	1 734,937	4,159	3,693
88	77	20 078	338,188	1 317,767	3,897	3,431
89	78	16 685	268,303	979,579	3,651	3,185
90	79	13 548	207,975	711,277	3,420	2,954
91	80	10 740	157,391	503,301	3,198	2,732
92	81	8 288	115,954	345,910	2,983	2,517
93	82	6 146	82,088	229,956	2,801	2,335
94	83	4 420	56,363	147,868	2,624	2,157
95	84	3 044	37,051	91,505	2,470	2,004
96	85	2 020	23,472	54,454	2,320	1,854
97	86	1 265	14,028	30,982	2,209	1,743
98	87	766	8,110	16,954	2,090	1,624
99	88	441	4,454	8,844	1,986	1,520
100	89	240	2,321	4,390	1,891	1,425

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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12	0	99 520	57 024,291	1 177 339,329	20,646	20,180
13	1	99 214	54 271,122	1 120 315,038	20,643	20,177
14	2	99 179	51 792,328	1 066 043,916	20,583	20,117
15	3	99 154	49 430,900	1 014 251,588	20,519	20,053
16	4	99 128	47 176,994	964 820,688	20,451	19,985
17	5	99 094	45 022,249	917 643,694	20,382	19,916
18	6	99 058	42 965,031	872 621,445	20,310	19,844
19	7	99 011	40 997,392	829 656,414	20,237	19,771
20	8	98 967	39 120,940	788 659,022	20,160	19,694
21	9	98 917	37 328,231	749 538,081	20,080	19,614
22	10	98 871	35 618,922	712 209,851	19,995	19,529
23	11	98 820	33 986,330	676 590,929	19,908	19,442
24	12	98 772	32 429,388	642 604,599	19,816	19,349
25	13	98 718	30 941,712	610 175,211	19,720	19,254
26	14	98 665	29 522,910	579 233,500	19,620	19,154
27	15	98 611	28 168,632	549 710,590	19,515	19,049
28	16	98 553	26 875,606	521 541,958	19,406	18,940
29	17	98 491	25 640,687	494 666,352	19,292	18,826
30	18	98 426	24 461,883	469 025,665	19,174	18,708
31	19	98 352	23 334,924	444 563,782	19,051	18,585
32	20	98 274	22 259,166	421 228,858	18,924	18,458
33	21	98 193	21 232,402	398 969,691	18,791	18,325
34	22	98 105	20 251,426	377 737,289	18,652	18,186
35	23	98 014	19 315,080	357 485,864	18,508	18,042
36	24	97 918	18 421,109	338 170,783	18,358	17,892
37	25	97 816	17 567,508	319 749,674	18,201	17,735
38	26	97 701	16 751,271	302 182,166	18,039	17,573
39	27	97 579	15 971,587	285 430,895	17,871	17,405
40	28	97 449	15 227,076	269 459,308	17,696	17,230
41	29	97 306	14 515,174	254 232,233	17,515	17,049
42	30	97 151	13 834,905	239 717,059	17,327	16,861
43	31	96 980	13 184,335	225 882,154	17,133	16,667
44	32	96 800	12 563,151	212 697,819	16,930	16,464
45	33	96 593	11 967,796	200 134,668	16,723	16,257
46	34	96 369	11 398,616	188 166,872	16,508	16,042
47	35	96 120	10 853,612	176 768,256	16,287	15,821
48	36	95 853	10 332,649	165 914,644	16,057	15,591
49	37	95 555	9 833,399	155 581,995	15,822	15,356
50	38	95 225	9 355,158	145 748,596	15,579	15,113
51	39	94 852	8 895,880	136 393,439	15,332	14,866
52	40	94 444	8 455,962	127 497,558	15,078	14,612
53	41	93 988	8 033,579	119 041,597	14,818	14,352
54	42	93 477	7 627,611	111 008,018	14,553	14,087
55	43	92 907	7 237,268	103 380,407	14,284	13,818
56	44	92 273	6 861,999	96 143,139	14,011	13,545
57	45	91 577	6 501,366	89 281,140	13,733	13,267
58	46	90 800	6 153,947	82 779,774	13,451	12,985
59	47	89 950	5 819,877	76 625,827	13,166	12,700
60	48	89 024	5 498,769	70 805,950	12,877	12,411
61	49	88 008	5 189,527	65 307,181	12,584	12,118
62	50	86 904	4 892,025	60 117,654	12,289	11,823
63	51	85 707	4 605,871	55 225,629	11,990	11,524
64	52	84 413	4 330,649	50 619,758	11,689	11,223
65	53	83 016	4 065,840	46 289,109	11,385	10,919
66	54	81 526	3 811,801	42 223,269	11,077	10,611
67	55	79 941	3 568,185	38 411,469	10,765	10,299
68	56	78 247	3 334,224	34 843,284	10,450	9,984
69	57	76 472	3 110,812	31 509,060	10,129	9,663
70	58	74 565	2 895,681	28 398,249	9,807	9,341
71	59	72 585	2 690,965	25 502,568	9,477	9,011
72	60	70 463	2 493,850	22 811,603	9,147	8,681
73	61	68 256	2 306,194	20 317,753	8,810	8,344
74	62	65 917	2 126,171	18 011,558	8,471	8,005
75	63	63 476	1 954,598	15 885,387	8,127	7,661
76	64	60 928	1 791,058	13 930,789	7,778	7,312
77	65	58 225	1 633,979	12 139,731	7,430	6,964
78	66	55 410	1 484,476	10 505,753	7,077	6,611
79	67	52 427	1 340,871	9 021,276	6,728	6,262
80	68	49 309	1 203,941	7 680,405	6,379	5,913
81	69	46 040	1 073,147	6 476,465	6,035	5,569
82	70	42 571	947,299	5 403,317	5,704	5,238
83	71	38 981	828,072	4 456,018	5,381	4,915
84	72	35 315	716,174	3 627,947	5,066	4,600
85	73	31 591	611,606	2 911,773	4,761	4,295
86	74	27 820	514,170	2 300,167	4,474	4,008
87	75	24 107	425,350	1 785,997	4,199	3,733
88	76	20 520	345,642	1 360,647	3,937	3,471
89	77	17 092	274,843	1 015,006	3,693	3,227
90	78	13 930	213,845	740,163	3,461	2,995
91	79	11 088	162,496	526,318	3,239	2,773
92	80	8 602	120,342	363,822	3,023	2,557
93	81	6 420	85,748	243,480	2,839	2,373
94	82	4 650	59,290	157,732	2,660	2,194
95	83	3 227	39,278	98,442	2,506	2,040
96	84	2 161	25,109	59,164	2,356	1,890
97	85	1 369	15,184	34,055	2,243	1,777
98	86	839	8,885	18,871	2,124	1,658
99	87	489	4,948	9,986	2,018	1,552
100	88	271	2,620	5,038	1,923	1,457

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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12						
13	0	99 513	54 434,717	1 121 005,898	20,594	20,128
14	1	99 204	51 805,172	1 066 571,181	20,588	20,122
15	2	99 166	49 437,042	1 014 766,009	20,526	20,060
16	3	99 138	47 181,860	965 328,967	20,460	19,994
17	4	99 103	45 026,558	918 147,108	20,391	19,925
18	5	99 066	42 968,858	873 120,550	20,320	19,854
19	6	99 020	41 001,019	830 151,692	20,247	19,781
20	7	98 971	39 122,758	789 150,673	20,171	19,705
21	8	98 924	37 330,832	750 027,915	20,091	19,625
22	9	98 877	35 621,101	712 697,083	20,008	19,542
23	10	98 826	33 988,318	677 075,982	19,921	19,455
24	11	98 780	32 431,896	643 087,664	19,829	19,363
25	12	98 725	30 944,142	610 655,768	19,734	19,268
26	13	98 674	29 525,692	579 711,627	19,634	19,168
27	14	98 620	28 171,229	550 185,935	19,530	19,064
28	15	98 565	26 878,876	522 014,706	19,421	18,955
29	16	98 506	25 644,463	495 135,829	19,308	18,842
30	17	98 440	24 465,214	469 491,366	19,190	18,724
31	18	98 371	23 339,523	445 026,152	19,067	18,601
32	19	98 291	22 263,058	421 686,630	18,941	18,475
33	20	98 212	21 236,328	399 423,572	18,809	18,342
34	21	98 122	20 254,766	378 187,244	18,672	18,206
35	22	98 030	19 318,226	357 932,478	18,528	18,062
36	23	97 935	18 424,425	338 614,252	18,379	17,913
37	24	97 833	17 570,670	320 189,828	18,223	17,757
38	25	97 720	16 754,458	302 619,158	18,062	17,596
39	26	97 597	15 974,593	285 864,700	17,895	17,429
40	27	97 470	15 230,353	269 890,107	17,721	17,255
41	28	97 328	14 518,595	254 659,754	17,540	17,074
42	29	97 176	13 838,486	240 141,159	17,353	16,887
43	30	97 011	13 188,517	226 302,673	17,159	16,693
44	31	96 831	12 567,097	213 114,156	16,958	16,492
45	32	96 626	11 971,898	200 547,058	16,751	16,285
46	33	96 404	11 402,725	188 575,161	16,538	16,072
47	34	96 159	10 858,021	177 172,436	16,317	15,851
48	35	95 892	10 336,909	166 314,415	16,089	15,623
49	36	95 598	9 837,910	155 977,506	15,855	15,389
50	37	95 271	9 359,600	146 139,597	15,614	15,148
51	38	94 909	8 901,250	136 779,997	15,366	14,900
52	39	94 500	8 461,048	127 878,747	15,114	14,648
53	40	94 053	8 039,091	119 417,699	14,855	14,389
54	41	93 547	7 633,262	111 378,608	14,591	14,125
55	42	92 980	7 243,017	103 745,346	14,323	13,857
56	43	92 357	6 868,236	96 502,329	14,051	13,585
57	44	91 666	6 507,682	89 634,092	13,774	13,308
58	45	90 905	6 161,046	83 126,411	13,492	13,026
59	46	90 060	5 826,971	76 965,365	13,208	12,742
60	47	89 146	5 506,314	71 138,393	12,919	12,453
61	48	88 149	5 197,813	65 632,079	12,627	12,161
62	49	87 056	4 900,591	60 434,266	12,332	11,866
63	50	85 866	4 614,423	55 533,675	12,035	11,569
64	51	84 595	4 339,948	50 919,252	11,733	11,267
65	52	83 210	4 075,347	46 579,304	11,430	10,964
66	53	81 736	3 821,613	42 503,957	11,122	10,656
67	54	80 172	3 578,522	38 682,344	10,810	10,344
68	55	78 502	3 345,080	35 103,821	10,494	10,028
69	56	76 746	3 121,979	31 758,742	10,173	9,707
70	57	74 858	2 907,089	28 636,763	9,851	9,385
71	58	72 902	2 702,720	25 729,674	9,520	9,054
72	59	70 796	2 505,643	23 026,954	9,190	8,724
73	60	68 618	2 318,426	20 521,311	8,851	8,385
74	61	66 294	2 138,329	18 202,885	8,513	8,047
75	62	63 868	1 966,662	16 064,556	8,168	7,702
76	63	61 342	1 803,228	14 097,893	7,818	7,352
77	64	58 663	1 646,281	12 294,666	7,468	7,002
78	65	55 855	1 496,403	10 648,385	7,116	6,650
79	66	52 890	1 352,724	9 151,982	6,766	6,300
80	67	49 781	1 215,466	7 799,258	6,417	5,951
81	68	46 527	1 084,497	6 583,792	6,071	5,605
82	69	43 069	958,373	5 499,295	5,738	5,272
83	70	39 478	838,637	4 540,922	5,415	4,949
84	71	35 805	726,123	3 702,284	5,099	4,633
85	72	32 066	620,802	2 976,162	4,794	4,328
86	73	28 284	522,752	2 355,360	4,506	4,040
87	74	24 545	433,077	1 832,608	4,232	3,766
88	75	20 923	352,419	1 399,531	3,971	3,505
89	76	17 469	280,901	1 047,111	3,728	3,262
90	77	14 270	219,058	766,210	3,498	3,032
91	78	11 401	167,082	547,153	3,275	2,809
92	79	8 881	124,245	380,071	3,059	2,593
93	80	6 663	88,992	255,826	2,875	2,409
94	81	4 857	61,933	166,833	2,694	2,228
95	82	3 395	41,318	104,900	2,539	2,073
96	83	2 291	26,618	63,582	2,389	1,923
97	84	1 464	16,243	36,964	2,276	1,810
98	85	908	9,617	20,721	2,155	1,689
99	86	536	5,421	11,104	2,048	1,582
100	87	302	2,911	5,683	1,952	1,486

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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14	0	99 503	51 961,334	1 067 210,292	20,539	20,073
15	1	99 191	49 449,302	1 015 248,958	20,531	20,065
16	2	99 150	47 187,722	965 799,656	20,467	20,001
17	3	99 113	45 031,201	918 611,934	20,399	19,933
18	4	99 076	42 972,970	873 580,733	20,329	19,863
19	5	99 028	41 004,672	830 607,762	20,256	19,790
20	6	98 980	39 126,219	789 603,091	20,181	19,715
21	7	98 929	37 332,566	750 476,872	20,102	19,636
22	8	98 884	35 623,583	713 144,305	20,019	19,553
23	9	98 832	33 990,397	677 520,722	19,933	19,467
24	10	98 786	32 433,793	643 530,325	19,841	19,375
25	11	98 733	30 946,535	611 096,532	19,747	19,281
26	12	98 682	29 528,010	580 149,997	19,647	19,181
27	13	98 629	28 173,884	550 621,987	19,544	19,078
28	14	98 574	26 881,355	522 448,103	19,435	18,969
29	15	98 517	25 647,584	495 566,748	19,322	18,856
30	16	98 454	24 468,817	469 919,165	19,205	18,739
31	17	98 384	23 342,701	445 450,348	19,083	18,617
32	18	98 310	22 267,445	422 107,647	18,956	18,490
33	19	98 229	21 240,041	399 840,202	18,825	18,359
34	20	98 140	20 258,511	378 600,161	18,688	18,222
35	21	98 046	19 321,412	358 341,650	18,546	18,080
36	22	97 951	18 427,425	339 020,239	18,398	17,932
37	23	97 851	17 573,832	320 592,814	18,243	17,777
38	24	97 738	16 757,473	303 018,981	18,083	17,617
39	25	97 616	15 977,632	286 261,508	17,916	17,450
40	26	97 488	15 233,220	270 283,876	17,743	17,277
41	27	97 349	14 521,720	255 050,656	17,563	17,097
42	28	97 199	13 841,747	240 528,936	17,377	16,911
43	29	97 036	13 191,931	226 687,188	17,184	16,718
44	30	96 861	12 571,084	213 495,257	16,983	16,517
45	31	96 656	11 975,658	200 924,173	16,778	16,312
46	32	96 437	11 406,633	188 948,516	16,565	16,099
47	33	96 194	10 861,935	177 541,882	16,345	15,879
48	34	95 931	10 341,107	166 679,948	16,118	15,652
49	35	95 638	9 841,966	156 338,841	15,885	15,419
50	36	95 314	9 363,894	146 496,875	15,645	15,179
51	37	94 954	8 905,477	137 132,981	15,399	14,933
52	38	94 557	8 466,155	128 227,504	15,146	14,680
53	39	94 109	8 043,927	119 761,349	14,888	14,422
54	40	93 611	7 638,499	111 717,423	14,626	14,160
55	41	93 049	7 248,383	104 078,923	14,359	13,893
56	42	92 431	6 873,692	96 830,540	14,087	13,621
57	43	91 749	6 513,597	89 956,848	13,811	13,345
58	44	90 993	6 167,031	83 443,251	13,531	13,065
59	45	90 164	5 833,693	77 276,220	13,247	12,781
60	46	89 255	5 513,026	71 442,526	12,959	12,493
61	47	88 270	5 204,945	65 929,500	12,667	12,201
62	48	87 195	4 908,415	60 724,555	12,372	11,906
63	49	86 016	4 622,503	55 816,139	12,075	11,609
64	50	84 752	4 348,006	51 193,636	11,774	11,308
65	51	83 389	4 084,098	46 845,631	11,470	11,004
66	52	81 927	3 830,550	42 761,532	11,163	10,697
67	53	80 379	3 587,734	38 930,982	10,851	10,385
68	54	78 729	3 354,771	35 343,248	10,535	10,069
69	55	76 996	3 132,144	31 988,477	10,213	9,747
70	56	75 127	2 917,524	28 856,333	9,891	9,425
71	57	73 189	2 713,368	25 938,809	9,560	9,094
72	58	71 105	2 516,589	23 225,441	9,229	8,763
73	59	68 942	2 329,389	20 708,853	8,890	8,424
74	60	66 645	2 149,671	18 379,463	8,550	8,084
75	61	64 233	1 977,908	16 229,792	8,206	7,740
76	62	61 720	1 814,358	14 251,884	7,855	7,389
77	63	59 062	1 657,467	12 437,526	7,504	7,038
78	64	56 276	1 507,670	10 780,059	7,150	6,684
79	65	53 315	1 363,592	9 272,390	6,800	6,334
80	66	50 221	1 226,210	7 908,797	6,450	5,984
81	67	46 972	1 094,879	6 682,587	6,103	5,637
82	68	43 525	968,509	5 587,708	5,769	5,303
83	69	39 940	848,441	4 619,199	5,444	4,978
84	70	36 262	735,388	3 770,759	5,128	4,662
85	71	32 512	629,426	3 035,371	4,822	4,356
86	72	28 709	530,612	2 405,945	4,534	4,068
87	73	24 955	440,305	1 875,332	4,259	3,793
88	74	21 303	358,822	1 435,027	3,999	3,533
89	75	17 811	286,409	1 076,205	3,758	3,292
90	76	14 584	223,886	789,796	3,528	3,062
91	77	11 679	171,155	565,910	3,306	2,840
92	78	9 131	127,751	394,755	3,090	2,624
93	79	6 879	91,879	267,004	2,906	2,440
94	80	5 041	64,277	175,125	2,725	2,259
95	81	3 546	43,160	110,848	2,568	2,102
96	82	2 410	28,001	67,688	2,417	1,951
97	83	1 552	17,219	39,687	2,305	1,839
98	84	971	10,287	22,468	2,184	1,718
99	85	580	5,868	12,181	2,076	1,610
100	86	330	3,189	6,313	1,980	1,514

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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15	0	99 490	49 598,362	1 015 840,340	20,481	20,015
16	1	99 175	47 199,424	966 241,977	20,471	20,005
17	2	99 126	45 036,796	919 042,553	20,406	19,940
18	3	99 086	42 977,402	874 005,757	20,336	19,870
19	4	99 038	41 008,596	831 028,354	20,265	19,799
20	5	98 989	39 129,705	790 019,758	20,190	19,724
21	6	98 937	37 335,869	750 890,054	20,112	19,646
22	7	98 889	35 625,238	713 554,185	20,029	19,563
23	8	98 839	33 992,766	677 928,946	19,943	19,477
24	9	98 792	32 435,777	643 936,181	19,853	19,387
25	10	98 739	30 948,345	611 500,404	19,759	19,293
26	11	98 690	29 530,294	580 552,059	19,660	19,194
27	12	98 637	28 176,096	551 021,765	19,556	19,090
28	13	98 584	26 883,888	522 845,668	19,448	18,982
29	14	98 527	25 649,949	495 961,781	19,336	18,870
30	15	98 466	24 471,794	470 311,832	19,219	18,753
31	16	98 399	23 346,139	445 840,038	19,097	18,631
32	17	98 324	22 270,477	422 493,899	18,971	18,505
33	18	98 248	21 244,226	400 223,422	18,839	18,373
34	19	98 157	20 262,053	378 979,195	18,704	18,238
35	20	98 064	19 324,984	358 717,143	18,562	18,096
36	21	97 967	18 430,464	339 392,158	18,415	17,949
37	22	97 867	17 576,694	320 961,694	18,261	17,795
38	23	97 755	16 760,490	303 385,000	18,101	17,635
39	24	97 633	15 980,508	286 624,511	17,936	17,470
40	25	97 507	15 236,118	270 644,003	17,763	17,297
41	26	97 368	14 524,453	255 407,885	17,585	17,119
42	27	97 220	13 844,727	240 883,431	17,399	16,933
43	28	97 059	13 195,040	227 038,705	17,206	16,740
44	29	96 886	12 574,338	213 843,664	17,006	16,540
45	30	96 687	11 979,457	201 269,327	16,801	16,335
46	31	96 467	11 410,216	189 289,870	16,590	16,123
47	32	96 227	10 865,658	177 879,654	16,371	15,905
48	33	95 966	10 344,835	167 013,996	16,145	15,679
49	34	95 677	9 845,963	156 669,161	15,912	15,446
50	35	95 354	9 367,754	146 823,198	15,673	15,207
51	36	94 997	8 909,562	137 455,444	15,428	14,962
52	37	94 602	8 470,176	128 545,882	15,176	14,710
53	38	94 166	8 048,782	120 075,706	14,918	14,452
54	39	93 667	7 643,094	112 026,924	14,657	14,191
55	40	93 113	7 253,357	104 383,830	14,391	13,925
56	41	92 499	6 878,784	97 130,474	14,120	13,654
57	42	91 822	6 518,771	90 251,689	13,845	13,379
58	43	91 076	6 172,637	83 732,918	13,565	13,099
59	44	90 251	5 839,361	77 560,282	13,282	12,816
60	45	89 358	5 519,386	71 720,921	12,994	12,528
61	46	88 377	5 211,290	66 201,535	12,703	12,237
62	47	87 315	4 915,151	60 990,245	12,409	11,943
63	48	86 154	4 629,883	56 075,094	12,112	11,646
64	49	84 900	4 355,620	51 445,211	11,811	11,345
65	50	83 544	4 091,681	47 089,591	11,509	11,043
66	51	82 103	3 838,775	42 997,910	11,201	10,735
67	52	80 567	3 596,124	39 159,135	10,889	10,423
68	53	78 932	3 363,407	35 563,011	10,574	10,108
69	54	77 219	3 141,218	32 199,604	10,251	9,785
70	55	75 372	2 927,024	29 058,386	9,928	9,462
71	56	73 452	2 723,108	26 131,362	9,596	9,130
72	57	71 386	2 526,503	23 408,254	9,265	8,799
73	58	69 244	2 339,565	20 881,751	8,925	8,459
74	59	66 961	2 159,836	18 542,186	8,585	8,119
75	60	64 574	1 988,399	16 382,350	8,239	7,773
76	61	62 073	1 824,733	14 393,951	7,888	7,422
77	62	59 426	1 667,697	12 569,218	7,537	7,071
78	63	56 658	1 517,914	10 901,521	7,182	6,716
79	64	53 717	1 373,859	9 383,607	6,830	6,364
80	65	50 625	1 236,062	8 009,748	6,480	6,014
81	66	47 388	1 104,557	6 773,686	6,132	5,666
82	67	43 941	977,780	5 669,129	5,798	5,332
83	68	40 362	857,414	4 691,348	5,472	5,005
84	69	36 686	743,984	3 833,934	5,153	4,687
85	70	32 926	637,457	3 089,950	4,847	4,381
86	71	29 108	537,983	2 452,493	4,559	4,093
87	72	25 330	446,926	1 914,509	4,284	3,818
88	73	21 658	364,811	1 467,583	4,023	3,557
89	74	18 135	291,612	1 102,773	3,782	3,316
90	75	14 870	228,276	811,160	3,553	3,087
91	76	11 936	174,928	582,884	3,332	2,866
92	77	9 354	130,866	407,957	3,117	2,651
93	78	7 073	94,472	277,091	2,933	2,467
94	79	5 205	66,362	182,619	2,752	2,286
95	80	3 680	44,793	116,258	2,595	2,129
96	81	2 517	29,249	71,464	2,443	1,977
97	82	1 633	18,114	42,215	2,331	1,865
98	83	1 030	10,905	24,102	2,210	1,744
99	84	621	6,277	13,196	2,102	1,636
100	85	358	3,452	6,920	2,005	1,539

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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16	0	99 474	47 341,702	966 789,327	20,422	19,956
17	1	99 150	45 047,965	919 447,625	20,410	19,944
18	2	99 098	42 982,742	874 399,659	20,343	19,877
19	3	99 048	41 012,825	831 416,917	20,272	19,806
20	4	98 999	39 133,449	790 404,092	20,198	19,732
21	5	98 946	37 339,195	751 270,643	20,120	19,654
22	6	98 897	35 628,390	713 931,447	20,038	19,572
23	7	98 844	33 994,345	678 303,058	19,953	19,487
24	8	98 799	32 438,038	644 308,713	19,863	19,397
25	9	98 745	30 950,238	611 870,675	19,769	19,303
26	10	98 696	29 532,021	580 920,437	19,671	19,205
27	11	98 645	28 178,275	551 388,415	19,568	19,102
28	12	98 591	26 885,999	523 210,140	19,460	18,994
29	13	98 536	25 652,365	496 324,141	19,348	18,882
30	14	98 475	24 474,051	470 671,776	19,231	18,765
31	15	98 411	23 348,979	446 197,725	19,110	18,644
32	16	98 338	22 273,757	422 848,745	18,984	18,518
33	17	98 261	21 247,119	400 574,988	18,853	18,387
34	18	98 176	20 266,045	379 327,869	18,717	18,251
35	19	98 081	19 328,363	359 061,824	18,577	18,111
36	20	97 985	18 433,872	339 733,461	18,430	17,964
37	21	97 883	17 579,593	321 299,589	18,277	17,811
38	22	97 771	16 763,219	303 719,996	18,118	17,652
39	23	97 651	15 983,384	286 956,777	17,953	17,487
40	24	97 525	15 238,860	270 973,393	17,782	17,316
41	25	97 386	14 527,217	255 734,532	17,604	17,138
42	26	97 238	13 847,333	241 207,316	17,419	16,953
43	27	97 080	13 197,880	227 359,983	17,227	16,761
44	28	96 909	12 577,302	214 162,103	17,028	16,562
45	29	96 712	11 982,558	201 584,801	16,823	16,357
46	30	96 498	11 413,836	189 602,244	16,612	16,146
47	31	96 257	10 869,070	178 188,408	16,394	15,928
48	32	95 999	10 348,381	167 319,338	16,169	15,703
49	33	95 711	9 849,512	156 970,957	15,937	15,471
50	34	95 392	9 371,559	147 121,445	15,699	15,233
51	35	95 037	8 913,235	137 749,886	15,455	14,989
52	36	94 646	8 474,061	128 836,650	15,204	14,738
53	37	94 211	8 052,604	120 362,589	14,947	14,481
54	38	93 724	7 647,708	112 309,985	14,685	14,219
55	39	93 169	7 257,720	104 662,278	14,421	13,955
56	40	92 563	6 883,504	97 404,558	14,150	13,684
57	41	91 890	6 523,600	90 521,054	13,876	13,410
58	42	91 148	6 177,540	83 997,453	13,597	13,131
59	43	90 333	5 844,668	77 819,913	13,315	12,849
60	44	89 445	5 524,748	71 975,245	13,028	12,562
61	45	88 479	5 217,302	66 450,497	12,737	12,271
62	46	87 421	4 921,142	61 233,195	12,443	11,977
63	47	86 272	4 636,236	56 312,053	12,146	11,680
64	48	85 036	4 362,574	51 675,817	11,845	11,379
65	49	83 690	4 098,846	47 313,243	11,543	11,077
66	50	82 255	3 845,903	43 214,397	11,236	10,770
67	51	80 740	3 603,846	39 368,494	10,924	10,458
68	52	79 117	3 371,272	35 764,648	10,609	10,143
69	53	77 418	3 149,304	32 393,376	10,286	9,820
70	54	75 590	2 935,504	29 244,072	9,962	9,496
71	55	73 691	2 731,974	26 308,568	9,630	9,164
72	56	71 642	2 535,573	23 576,594	9,298	8,832
73	57	69 516	2 348,782	21 041,021	8,958	8,492
74	58	67 253	2 169,271	18 692,239	8,617	8,151
75	59	64 879	1 997,801	16 522,968	8,271	7,805
76	60	62 403	1 834,411	14 525,167	7,918	7,452
77	61	59 766	1 677,234	12 690,756	7,566	7,100
78	62	57 008	1 527,283	11 013,522	7,211	6,745
79	63	54 082	1 383,194	9 486,239	6,858	6,392
80	64	51 006	1 245,368	8 103,045	6,507	6,041
81	65	47 768	1 113,432	6 857,677	6,159	5,693
82	66	44 330	986,423	5 744,245	5,823	5,357
83	67	40 749	865,622	4 757,821	5,496	5,030
84	68	37 074	751,853	3 892,199	5,177	4,711
85	69	33 311	644,909	3 140,346	4,869	4,403
86	70	29 480	544,848	2 495,437	4,580	4,114
87	71	25 682	453,135	1 950,589	4,305	3,839
88	72	21 984	370,296	1 497,455	4,044	3,578
89	73	18 438	296,479	1 127,159	3,802	3,336
90	74	15 141	232,423	830,679	3,574	3,108
91	75	12 171	178,358	598,256	3,354	2,888
92	76	9 560	133,750	419,899	3,139	2,673
93	77	7 246	96,775	286,148	2,957	2,491
94	78	5 352	68,234	189,374	2,775	2,309
95	79	3 799	46,246	121,139	2,619	2,153
96	80	2 612	30,356	74,893	2,467	2,001
97	81	1 706	18,921	44,537	2,354	1,888
98	82	1 083	11,472	25,616	2,233	1,767
99	83	658	6,654	14,144	2,126	1,660
100	84	383	3,692	7,490	2,029	1,563

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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17	0	99 449	45 183,758	919 954,333	20,360	19,894
18	1	99 123	42 993,402	874 770,575	20,347	19,881
19	2	99 060	41 017,921	831 777,173	20,278	19,812
20	3	99 009	39 137,485	790 759,252	20,205	19,739
21	4	98 956	37 342,768	751 621,767	20,128	19,662
22	5	98 906	35 631,564	714 278,999	20,046	19,580
23	6	98 853	33 997,352	678 647,435	19,962	19,496
24	7	98 803	32 439,545	644 650,082	19,872	19,406
25	8	98 752	30 952,395	612 210,538	19,779	19,313
26	9	98 702	29 533,828	581 258,142	19,681	19,215
27	10	98 650	28 179,924	551 724,315	19,579	19,113
28	11	98 599	26 888,078	523 544,391	19,471	19,005
29	12	98 544	25 654,380	496 656,313	19,360	18,894
30	13	98 484	24 476,357	471 001,933	19,243	18,777
31	14	98 420	23 351,133	446 525,576	19,122	18,656
32	15	98 350	22 276,467	423 174,443	18,996	18,530
33	16	98 276	21 250,248	400 897,976	18,866	18,400
34	17	98 190	20 268,805	379 647,727	18,731	18,265
35	18	98 101	19 332,172	359 378,922	18,590	18,124
36	19	98 003	18 437,095	340 046,751	18,444	17,978
37	20	97 901	17 582,844	321 609,656	18,291	17,825
38	21	97 787	16 765,984	304 026,812	18,134	17,668
39	22	97 667	15 985,987	287 260,829	17,970	17,504
40	23	97 542	15 241,603	271 274,842	17,798	17,332
41	24	97 404	14 529,831	256 033,239	17,621	17,155
42	25	97 256	13 849,967	241 503,408	17,437	16,971
43	26	97 098	13 200,365	227 653,440	17,246	16,780
44	27	96 930	12 580,009	214 453,076	17,047	16,581
45	28	96 735	11 985,382	201 873,067	16,843	16,377
46	29	96 523	11 416,790	189 887,685	16,632	16,166
47	30	96 287	10 872,518	178 470,896	16,415	15,949
48	31	96 029	10 351,631	167 598,377	16,191	15,725
49	32	95 744	9 852,888	157 246,746	15,959	15,493
50	33	95 427	9 374,937	147 393,858	15,722	15,256
51	34	95 075	8 916,856	138 018,921	15,478	15,012
52	35	94 685	8 477,555	129 102,065	15,229	14,763
53	36	94 254	8 056,298	120 624,510	14,973	14,507
54	37	93 768	7 651,339	112 568,212	14,712	14,246
55	38	93 225	7 262,101	104 916,873	14,447	13,981
56	39	92 618	6 887,645	97 654,772	14,178	13,712
57	40	91 953	6 528,076	90 767,128	13,904	13,438
58	41	91 216	6 182,116	84 239,051	13,626	13,160
59	42	90 405	5 849,311	78 056,935	13,345	12,879
60	43	89 526	5 529,769	72 207,624	13,058	12,592
61	44	88 565	5 222,370	66 677,854	12,768	12,302
62	45	87 522	4 926,819	61 455,484	12,474	12,008
63	46	86 377	4 641,888	56 528,665	12,178	11,712
64	47	85 152	4 368,560	51 886,777	11,877	11,411
65	48	83 824	4 105,390	47 518,217	11,575	11,109
66	49	82 399	3 852,637	43 412,826	11,268	10,802
67	50	80 889	3 610,537	39 560,189	10,957	10,491
68	51	79 287	3 378,511	35 949,652	10,641	10,175
69	52	77 599	3 156,669	32 571,141	10,318	9,852
70	53	75 785	2 943,061	29 414,472	9,995	9,529
71	54	73 904	2 739,889	26 471,412	9,661	9,195
72	55	71 875	2 543,828	23 731,523	9,329	8,863
73	56	69 766	2 357,214	21 187,694	8,988	8,522
74	57	67 518	2 177,817	18 830,481	8,646	8,180
75	58	65 163	2 006,529	16 652,663	8,299	7,833
76	59	62 698	1 843,085	14 646,135	7,947	7,481
77	60	60 083	1 686,130	12 803,049	7,593	7,127
78	61	57 334	1 536,017	11 116,920	7,237	6,771
79	62	54 416	1 391,731	9 580,903	6,884	6,418
80	63	51 352	1 253,830	8 189,172	6,531	6,065
81	64	48 128	1 121,815	6 935,342	6,182	5,716
82	65	44 686	994,349	5 813,527	5,847	5,381
83	66	41 109	873,274	4 819,178	5,519	5,053
84	67	37 429	759,050	3 945,904	5,198	4,732
85	68	33 664	651,730	3 186,854	4,890	4,424
86	69	29 824	551,217	2 535,124	4,599	4,133
87	70	26 010	458,916	1 983,907	4,323	3,857
88	71	22 289	375,440	1 524,990	4,062	3,596
89	72	18 715	300,937	1 149,550	3,820	3,354
90	73	15 393	236,302	848,613	3,591	3,125
91	74	12 392	181,598	612,310	3,372	2,906
92	75	9 748	136,373	430,712	3,158	2,692
93	76	7 406	98,908	294,340	2,976	2,510
94	77	5 482	69,898	195,432	2,796	2,330
95	78	3 907	47,551	125,534	2,640	2,174
96	79	2 697	31,340	77,983	2,488	2,022
97	80	1 770	19,637	46,643	2,375	1,909
98	81	1 132	11,983	27,005	2,254	1,788
99	82	692	7,000	15,022	2,146	1,680
100	83	406	3,914	8,022	2,049	1,583

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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18	0	99 422	43 123,001	875 239,768	20,296	19,830
19	1	99 085	41 028,093	832 116,766	20,282	19,816
20	2	99 021	39 142,348	791 088,673	20,211	19,745
21	3	98 966	37 346,620	751 946,325	20,134	19,668
22	4	98 916	35 634,974	714 599,705	20,053	19,587
23	5	98 861	34 000,381	678 964,732	19,969	19,503
24	6	98 812	32 442,414	644 964,350	19,880	19,414
25	7	98 756	30 953,833	612 521,936	19,788	19,322
26	8	98 709	29 535,886	581 568,103	19,690	19,224
27	9	98 656	28 181,648	552 032,217	19,588	19,122
28	10	98 605	26 889,651	523 850,569	19,481	19,015
29	11	98 551	25 656,364	496 960,918	19,370	18,904
30	12	98 492	24 478,279	471 304,554	19,254	18,788
31	13	98 429	23 353,333	446 826,275	19,133	18,667
32	14	98 359	22 278,521	423 472,942	19,008	18,542
33	15	98 288	21 252,834	401 194,421	18,877	18,411
34	16	98 204	20 271,790	379 941,586	18,742	18,276
35	17	98 114	19 334,804	359 669,796	18,602	18,136
36	18	98 022	18 440,728	340 334,992	18,456	17,990
37	19	97 918	17 585,917	321 894,264	18,304	17,838
38	20	97 805	16 769,084	304 308,347	18,147	17,681
39	21	97 683	15 988,623	287 539,263	17,984	17,518
40	22	97 558	15 244,085	271 550,640	17,814	17,348
41	23	97 421	14 532,447	256 306,555	17,637	17,171
42	24	97 274	13 852,460	241 774,108	17,454	16,988
43	25	97 116	13 202,876	227 921,648	17,263	16,797
44	26	96 948	12 582,376	214 718,772	17,065	16,599
45	27	96 756	11 987,962	202 136,396	16,862	16,396
46	28	96 545	11 419,481	190 148,434	16,651	16,185
47	29	96 312	10 875,333	178 728,953	16,434	15,968
48	30	96 059	10 354,915	167 853,621	16,210	15,744
49	31	95 774	9 855,983	157 498,706	15,980	15,514
50	32	95 459	9 378,151	147 642,723	15,743	15,277
51	33	95 109	8 920,070	138 264,573	15,500	15,034
52	34	94 723	8 480,998	129 344,503	15,251	14,785
53	35	94 293	8 059,620	120 863,505	14,996	14,530
54	36	93 811	7 654,849	112 803,885	14,736	14,270
55	37	93 270	7 265,549	105 149,036	14,472	14,006
56	38	92 674	6 891,802	97 883,487	14,203	13,737
57	39	92 008	6 532,003	90 991,685	13,930	13,464
58	40	91 279	6 186,358	84 459,681	13,653	13,187
59	41	90 472	5 853,644	78 273,323	13,372	12,906
60	42	89 597	5 534,162	72 419,679	13,086	12,620
61	43	88 646	5 227,117	66 885,516	12,796	12,330
62	44	87 607	4 931,606	61 658,399	12,503	12,037
63	45	86 477	4 647,243	56 726,794	12,207	11,741
64	46	85 256	4 373,885	52 079,551	11,907	11,441
65	47	83 939	4 111,024	47 705,666	11,604	11,138
66	48	82 531	3 858,788	43 594,642	11,297	10,831
67	49	81 031	3 616,859	39 735,854	10,986	10,520
68	50	79 434	3 384,784	36 118,994	10,671	10,205
69	51	77 766	3 163,447	32 734,211	10,348	9,882
70	52	75 962	2 949,943	29 570,763	10,024	9,558
71	53	74 094	2 746,942	26 620,821	9,691	9,225
72	54	72 083	2 551,198	23 873,878	9,358	8,892
73	55	69 993	2 364,889	21 322,680	9,016	8,550
74	56	67 760	2 185,635	18 957,792	8,674	8,208
75	57	65 419	2 014,434	16 772,157	8,326	7,860
76	58	62 972	1 851,137	14 757,723	7,972	7,506
77	59	60 367	1 694,103	12 906,586	7,619	7,153
78	60	57 638	1 544,164	11 212,483	7,261	6,795
79	61	54 727	1 399,690	9 668,320	6,907	6,441
80	62	51 669	1 261,569	8 268,630	6,554	6,088
81	63	48 455	1 129,437	7 007,061	6,204	5,738
82	64	45 022	1 001,835	5 877,624	5,867	5,401
83	65	41 439	880,290	4 875,788	5,539	5,073
84	66	37 760	765,760	3 995,498	5,218	4,752
85	67	33 986	657,969	3 229,738	4,909	4,443
86	68	30 140	557,047	2 571,769	4,617	4,151
87	69	26 314	464,281	2 014,722	4,339	3,873
88	70	22 574	380,231	1 550,441	4,078	3,612
89	71	18 975	305,118	1 170,211	3,835	3,369
90	72	15 625	239,856	865,093	3,607	3,141
91	73	12 598	184,629	625,237	3,386	2,920
92	74	9 925	138,850	440,608	3,173	2,707
93	75	7 551	100,847	301,758	2,992	2,526
94	76	5 603	71,438	200,911	2,812	2,346
95	77	4 002	48,711	129,473	2,658	2,192
96	78	2 773	32,225	80,762	2,506	2,040
97	79	1 828	20,274	48,537	2,394	1,928
98	80	1 174	12,437	28,263	2,273	1,807
99	81	723	7,312	15,826	2,165	1,699
100	82	427	4,118	8,515	2,068	1,602

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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19	0	99 384	41 151,768	832 551,308	20,231	19,765
20	1	99 046	39 152,055	791 399,539	20,213	19,747
21	2	98 978	37 351,260	752 247,484	20,140	19,674
22	3	98 926	35 638,649	714 896,224	20,060	19,594
23	4	98 871	34 003,635	679 257,575	19,976	19,510
24	5	98 821	32 445,305	645 253,940	19,887	19,421
25	6	98 765	30 956,572	612 808,636	19,796	19,330
26	7	98 713	29 537,258	581 852,064	19,699	19,233
27	8	98 663	28 183,612	552 314,806	19,597	19,131
28	9	98 611	26 891,296	524 131,194	19,491	19,025
29	10	98 557	25 657,865	497 239,898	19,380	18,914
30	11	98 500	24 480,172	471 582,033	19,264	18,798
31	12	98 437	23 355,167	447 101,861	19,144	18,678
32	13	98 369	22 280,621	423 746,695	19,019	18,553
33	14	98 297	21 254,794	401 466,074	18,888	18,422
34	15	98 216	20 274,257	380 211,280	18,753	18,287
35	16	98 128	19 337,652	359 937,023	18,613	18,147
36	17	98 035	18 443,239	340 599,371	18,467	18,001
37	18	97 938	17 589,383	322 156,132	18,315	17,849
38	19	97 822	16 772,015	304 566,749	18,159	17,693
39	20	97 701	15 991,580	287 794,734	17,997	17,531
40	21	97 574	15 246,599	271 803,154	17,827	17,361
41	22	97 437	14 534,813	256 556,555	17,651	17,185
42	23	97 291	13 854,953	242 021,742	17,468	17,002
43	24	97 134	13 205,252	228 166,789	17,278	16,812
44	25	96 967	12 584,770	214 961,537	17,081	16,615
45	26	96 774	11 990,218	202 376,766	16,878	16,412
46	27	96 566	11 421,939	190 386,548	16,668	16,202
47	28	96 335	10 877,896	178 964,610	16,452	15,986
48	29	96 084	10 357,595	168 086,714	16,228	15,762
49	30	95 804	9 859,110	157 729,119	15,998	15,532
50	31	95 489	9 381,096	147 870,009	15,763	15,297
51	32	95 142	8 923,127	138 488,913	15,520	15,054
52	33	94 757	8 484,055	129 565,786	15,272	14,806
53	34	94 331	8 062,893	121 081,731	15,017	14,551
54	35	93 850	7 658,005	113 018,838	14,758	14,292
55	36	93 312	7 268,882	105 360,832	14,495	14,029
56	37	92 718	6 895,075	98 091,950	14,226	13,760
57	38	92 064	6 535,946	91 196,875	13,953	13,487
58	39	91 333	6 190,080	84 660,929	13,677	13,211
59	40	90 534	5 857,661	78 470,850	13,396	12,930
60	41	89 663	5 538,262	72 613,189	13,111	12,645
61	42	88 716	5 231,269	67 074,927	12,822	12,356
62	43	87 687	4 936,088	61 843,658	12,529	12,063
63	44	86 561	4 651,758	56 907,570	12,234	11,768
64	45	85 354	4 378,931	52 255,812	11,933	11,467
65	46	84 041	4 116,035	47 876,881	11,632	11,166
66	47	82 644	3 864,083	43 760,846	11,325	10,859
67	48	81 160	3 622,634	39 896,763	11,013	10,547
68	49	79 573	3 390,711	36 274,129	10,698	10,232
69	50	77 910	3 169,320	32 883,418	10,376	9,910
70	51	76 125	2 956,277	29 714,097	10,051	9,585
71	52	74 268	2 753,366	26 757,820	9,718	9,252
72	53	72 269	2 557,766	24 004,454	9,385	8,919
73	54	70 196	2 371,740	21 446,689	9,043	8,577
74	55	67 981	2 192,751	19 074,949	8,699	8,233
75	56	65 654	2 021,665	16 882,197	8,351	7,885
76	57	63 220	1 858,429	14 860,532	7,996	7,530
77	58	60 631	1 701,503	13 002,103	7,642	7,176
78	59	57 910	1 551,465	11 300,600	7,284	6,818
79	60	55 017	1 407,113	9 749,134	6,928	6,462
80	61	51 965	1 268,783	8 342,021	6,575	6,109
81	62	48 754	1 136,409	7 073,237	6,224	5,758
82	63	45 328	1 008,642	5 936,829	5,886	5,420
83	64	41 751	886,918	4 928,186	5,557	5,091
84	65	38 063	771,912	4 041,268	5,235	4,769
85	66	34 286	663,785	3 269,356	4,925	4,459
86	67	30 428	562,379	2 605,571	4,633	4,167
87	68	26 592	469,191	2 043,191	4,355	3,889
88	69	22 838	384,676	1 574,000	4,092	3,626
89	70	19 217	309,011	1 189,324	3,849	3,383
90	71	15 842	243,188	880,313	3,620	3,154
91	72	12 788	187,405	637,126	3,400	2,934
92	73	10 090	141,168	449,721	3,186	2,720
93	74	7 688	102,679	308,553	3,005	2,539
94	75	5 713	72,839	205,874	2,826	2,360
95	76	4 090	49,784	133,035	2,672	2,206
96	77	2 841	33,010	83,250	2,522	2,056
97	78	1 879	20,846	50,240	2,410	1,944
98	79	1 212	12,840	29,394	2,289	1,823
99	80	751	7,588	16,554	2,181	1,715
100	81	446	4,301	8,965	2,084	1,618

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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20	0	99 344	39 270,075	791 802,080	20,163	19,697
21	1	99 003	37 360,523	752 532,005	20,142	19,676
22	2	98 938	35 643,077	715 171,482	20,065	19,599
23	3	98 881	34 007,142	679 528,405	19,982	19,516
24	4	98 830	32 448,410	645 521,263	19,894	19,428
25	5	98 774	30 959,330	613 072,854	19,803	19,337
26	6	98 722	29 539,871	582 113,524	19,706	19,240
27	7	98 668	28 184,921	552 573,653	19,605	19,139
28	8	98 618	26 893,170	524 388,732	19,499	19,033
29	9	98 563	25 659,434	497 495,562	19,388	18,922
30	10	98 506	24 481,604	471 836,128	19,273	18,807
31	11	98 445	23 356,973	447 354,524	19,153	18,687
32	12	98 376	22 282,370	423 997,551	19,028	18,562
33	13	98 306	21 256,797	401 715,180	18,898	18,432
34	14	98 225	20 276,126	380 458,384	18,764	18,298
35	15	98 140	19 340,005	360 182,257	18,624	18,158
36	16	98 050	18 445,955	340 842,252	18,478	18,012
37	17	97 951	17 591,778	322 396,297	18,327	17,861
38	18	97 842	16 775,320	304 804,519	18,170	17,704
39	19	97 718	15 994,376	288 029,199	18,008	17,542
40	20	97 592	15 249,418	272 034,823	17,839	17,373
41	21	97 453	14 537,210	256 785,405	17,664	17,198
42	22	97 307	13 857,209	242 248,194	17,482	17,016
43	23	97 151	13 207,629	228 390,985	17,292	16,826
44	24	96 984	12 587,035	215 183,356	17,096	16,630
45	25	96 792	11 992,499	202 596,321	16,894	16,428
46	26	96 584	11 424,089	190 603,822	16,684	16,218
47	27	96 356	10 880,237	179 179,733	16,468	16,002
48	28	96 107	10 360,036	168 299,496	16,245	15,779
49	29	95 829	9 861,661	157 939,460	16,016	15,549
50	30	95 520	9 384,072	148 077,798	15,780	15,314
51	31	95 172	8 925,930	138 693,726	15,538	15,072
52	32	94 790	8 486,963	129 767,796	15,290	14,824
53	33	94 365	8 065,800	121 280,833	15,036	14,570
54	34	93 888	7 661,116	113 215,034	14,778	14,312
55	35	93 351	7 271,879	105 553,918	14,515	14,049
56	36	92 761	6 898,238	98 282,039	14,247	13,781
57	37	92 107	6 539,050	91 383,801	13,975	13,509
58	38	91 389	6 193,816	84 844,751	13,698	13,232
59	39	90 589	5 861,184	78 650,935	13,419	12,953
60	40	89 725	5 542,062	72 789,751	13,134	12,668
61	41	88 782	5 235,145	67 247,689	12,845	12,379
62	42	87 756	4 940,009	62 012,544	12,553	12,087
63	43	86 639	4 655,986	57 072,535	12,258	11,792
64	44	85 437	4 383,185	52 416,550	11,959	11,493
65	45	84 138	4 120,783	48 033,365	11,656	11,190
66	46	82 745	3 868,794	43 912,581	11,350	10,884
67	47	81 272	3 627,605	40 043,788	11,039	10,573
68	48	79 700	3 396,125	36 416,183	10,723	10,257
69	49	78 047	3 174,870	33 020,058	10,400	9,934
70	50	76 266	2 961,766	29 845,188	10,077	9,611
71	51	74 427	2 759,278	26 883,422	9,743	9,277
72	52	72 438	2 563,747	24 124,144	9,410	8,944
73	53	70 377	2 377,846	21 560,397	9,067	8,601
74	54	68 178	2 199,104	19 182,552	8,723	8,257
75	55	65 868	2 028,248	16 983,448	8,373	7,907
76	56	63 447	1 865,101	14 955,200	8,018	7,552
77	57	60 870	1 708,207	13 090,099	7,663	7,197
78	58	58 163	1 558,243	11 381,893	7,304	6,838
79	59	55 277	1 413,767	9 823,650	6,949	6,483
80	60	52 241	1 275,513	8 409,883	6,593	6,127
81	61	49 033	1 142,907	7 134,370	6,242	5,776
82	62	45 608	1 014,868	5 991,463	5,904	5,438
83	63	42 035	892,944	4 976,594	5,573	5,107
84	64	38 350	777,724	4 083,650	5,251	4,785
85	65	34 562	669,118	3 305,926	4,941	4,475
86	66	30 697	567,351	2 636,808	4,648	4,182
87	67	26 847	473,683	2 069,457	4,369	3,903
88	68	23 079	388,744	1 595,774	4,105	3,639
89	69	19 442	312,623	1 207,030	3,861	3,395
90	70	16 044	246,291	894,407	3,632	3,166
91	71	12 966	190,008	648,116	3,411	2,945
92	72	10 242	143,290	458,108	3,197	2,731
93	73	7 816	104,393	314,818	3,016	2,550
94	74	5 817	74,162	210,425	2,837	2,371
95	75	4 170	50,760	136,262	2,684	2,218
96	76	2 903	33,738	85,502	2,534	2,068
97	77	1 925	21,354	51,764	2,424	1,958
98	78	1 247	13,203	30,409	2,303	1,837
99	79	775	7,835	17,207	2,196	1,730
100	80	463	4,464	9,372	2,100	1,634

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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21	0	99 301	37 473,143	752 904,987	20,092	19,626
22	1	98 963	35 651,916	715 431,844	20,067	19,601
23	2	98 893	34 011,367	679 779,928	19,987	19,521
24	3	98 841	32 451,756	645 768,561	19,899	19,433
25	4	98 783	30 962,292	613 316,805	19,809	19,342
26	5	98 731	29 542,503	582 354,513	19,712	19,246
27	6	98 677	28 187,414	552 812,010	19,612	19,146
28	7	98 622	26 894,419	524 624,595	19,507	19,041
29	8	98 570	25 661,223	497 730,176	19,396	18,930
30	9	98 512	24 483,102	472 068,953	19,281	18,815
31	10	98 450	23 358,339	447 585,851	19,162	18,696
32	11	98 384	22 284,094	424 227,512	19,037	18,571
33	12	98 314	21 258,466	401 943,419	18,907	18,441
34	13	98 234	20 278,037	380 684,953	18,773	18,307
35	14	98 149	19 341,788	360 406,916	18,634	18,168
36	15	98 062	18 448,200	341 065,127	18,488	18,022
37	16	97 965	17 594,369	322 616,928	18,336	17,870
38	17	97 855	16 777,605	305 022,559	18,180	17,714
39	18	97 737	15 997,527	288 244,954	18,018	17,552
40	19	97 609	15 252,084	272 247,427	17,850	17,384
41	20	97 471	14 539,898	256 995,342	17,675	17,209
42	21	97 323	13 859,495	242 455,444	17,494	17,028
43	22	97 167	13 209,780	228 595,949	17,305	16,839
44	23	97 002	12 589,301	215 386,170	17,109	16,643
45	24	96 810	11 994,658	202 796,869	16,907	16,441
46	25	96 603	11 426,262	190 802,211	16,699	16,233
47	26	96 374	10 882,285	179 375,949	16,483	16,017
48	27	96 128	10 362,266	168 493,664	16,260	15,794
49	28	95 852	9 863,986	158 131,398	16,031	15,565
50	29	95 544	9 386,501	148 267,412	15,796	15,330
51	30	95 202	8 928,761	138 880,911	15,554	15,088
52	31	94 820	8 489,629	129 952,150	15,307	14,841
53	32	94 397	8 068,564	121 462,521	15,054	14,588
54	33	93 922	7 663,877	113 393,957	14,796	14,330
55	34	93 389	7 274,833	105 730,080	14,534	14,068
56	35	92 799	6 901,082	98 455,247	14,267	13,801
57	36	92 150	6 542,049	91 554,165	13,995	13,529
58	37	91 432	6 196,757	85 012,116	13,719	13,253
59	38	90 643	5 864,722	78 815,358	13,439	12,973
60	39	89 779	5 545,396	72 950,636	13,155	12,689
61	40	88 843	5 238,737	67 405,240	12,867	12,401
62	41	87 821	4 943,669	62 166,504	12,575	12,109
63	42	86 708	4 659,684	57 222,835	12,280	11,814
64	43	85 515	4 387,169	52 563,151	11,981	11,515
65	44	84 220	4 124,787	48 175,982	11,680	11,214
66	45	82 840	3 873,256	44 051,195	11,373	10,907
67	46	81 371	3 632,027	40 177,939	11,062	10,596
68	47	79 809	3 400,785	36 545,911	10,746	10,280
69	48	78 171	3 179,939	33 145,127	10,423	9,957
70	49	76 400	2 966,952	29 965,187	10,100	9,634
71	50	74 565	2 764,401	26 998,235	9,766	9,300
72	51	72 593	2 569,252	24 233,834	9,432	8,966
73	52	70 541	2 383,406	21 664,582	9,090	8,624
74	53	68 353	2 204,765	19 281,176	8,745	8,279
75	54	66 059	2 034,124	17 076,411	8,395	7,929
76	55	63 653	1 871,174	15 042,288	8,039	7,573
77	56	61 088	1 714,339	13 171,114	7,683	7,217
78	57	58 393	1 564,382	11 456,775	7,324	6,858
79	58	55 519	1 419,943	9 892,394	6,967	6,501
80	59	52 488	1 281,544	8 472,451	6,611	6,145
81	60	49 293	1 148,969	7 190,906	6,259	5,793
82	61	45 869	1 020,672	6 041,937	5,920	5,454
83	62	42 294	898,456	5 021,266	5,589	5,123
84	63	38 610	783,009	4 122,810	5,265	4,799
85	64	34 822	674,156	3 339,801	4,954	4,488
86	65	30 944	571,909	2 665,645	4,661	4,195
87	66	27 084	477,870	2 093,736	4,381	3,915
88	67	23 300	392,465	1 615,866	4,117	3,651
89	68	19 647	315,930	1 223,401	3,872	3,406
90	69	16 231	249,170	907,471	3,642	3,176
91	70	13 131	192,433	658,301	3,421	2,955
92	71	10 384	145,281	465,869	3,207	2,741
93	72	7 934	105,963	320,588	3,025	2,559
94	73	5 914	75,400	214,625	2,846	2,380
95	74	4 246	51,683	139,225	2,694	2,228
96	75	2 960	34,399	87,542	2,545	2,079
97	76	1 967	21,825	53,143	2,435	1,969
98	77	1 277	13,524	31,318	2,316	1,850
99	78	797	8,056	17,793	2,209	1,743
100	79	478	4,609	9,737	2,113	1,647

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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22	0	99 261	35 759,386	715 777,525	20,016	19,550
23	1	98 918	34 019,802	680 018,139	19,989	19,523
24	2	98 853	32 455,788	645 998,337	19,904	19,438
25	3	98 794	30 965,486	613 542,549	19,814	19,348
26	4	98 740	29 545,330	582 577,064	19,718	19,252
27	5	98 685	28 189,926	553 031,733	19,618	19,152
28	6	98 631	26 896,799	524 841,808	19,513	19,047
29	7	98 574	25 662,415	497 945,009	19,404	18,938
30	8	98 518	24 484,808	472 282,594	19,289	18,823
31	9	98 456	23 359,768	447 797,786	19,170	18,704
32	10	98 390	22 285,397	424 438,018	19,046	18,580
33	11	98 322	21 260,110	402 152,621	18,916	18,450
34	12	98 242	20 279,629	380 892,511	18,782	18,316
35	13	98 159	19 343,611	360 612,882	18,642	18,176
36	14	98 071	18 449,901	341 269,271	18,497	18,031
37	15	97 977	17 596,510	322 819,370	18,346	17,880
38	16	97 869	16 780,076	305 222,860	18,190	17,724
39	17	97 751	15 999,706	288 442,785	18,028	17,562
40	18	97 628	15 255,090	272 443,079	17,859	17,393
41	19	97 488	14 542,440	257 187,989	17,685	17,219
42	20	97 341	13 862,057	242 645,549	17,504	17,038
43	21	97 183	13 211,958	228 783,491	17,316	16,850
44	22	97 017	12 591,351	215 571,533	17,121	16,655
45	23	96 827	11 996,817	202 980,182	16,920	16,453
46	24	96 620	11 428,319	190 983,366	16,711	16,245
47	25	96 392	10 884,356	179 555,047	16,497	16,031
48	26	96 146	10 364,217	168 670,691	16,274	15,808
49	27	95 872	9 866,109	158 306,475	16,045	15,579
50	28	95 567	9 388,713	148 440,366	15,811	15,345
51	29	95 227	8 931,072	139 051,653	15,569	15,103
52	30	94 850	8 492,322	130 120,580	15,322	14,856
53	31	94 427	8 071,098	121 628,258	15,070	14,604
54	32	93 954	7 666,504	113 557,160	14,812	14,346
55	33	93 422	7 277,455	105 890,656	14,551	14,084
56	34	92 837	6 903,885	98 613,201	14,284	13,818
57	35	92 188	6 544,747	91 709,316	14,013	13,547
58	36	91 474	6 199,600	85 164,569	13,737	13,271
59	37	90 686	5 867,507	78 964,970	13,458	12,992
60	38	89 833	5 548,743	73 097,462	13,174	12,708
61	39	88 896	5 241,888	67 548,719	12,886	12,420
62	40	87 881	4 947,061	62 306,831	12,595	12,129
63	41	86 772	4 663,136	57 359,770	12,301	11,835
64	42	85 583	4 390,654	52 696,634	12,002	11,536
65	43	84 296	4 128,536	48 305,980	11,701	11,235
66	44	82 921	3 877,019	44 177,445	11,395	10,929
67	45	81 465	3 636,217	40 300,425	11,083	10,617
68	46	79 907	3 404,930	36 664,208	10,768	10,302
69	47	78 279	3 184,303	33 259,278	10,445	9,979
70	48	76 522	2 971,689	30 074,975	10,120	9,654
71	49	74 696	2 769,242	27 103,286	9,787	9,321
72	50	72 728	2 574,022	24 334,044	9,454	8,988
73	51	70 693	2 388,524	21 760,022	9,110	8,644
74	52	68 513	2 209,921	19 371,498	8,766	8,300
75	53	66 229	2 039,360	17 161,577	8,415	7,949
76	54	63 838	1 876,595	15 122,217	8,058	7,592
77	55	61 287	1 719,921	13 245,623	7,701	7,235
78	56	58 602	1 569,997	11 525,702	7,341	6,875
79	57	55 737	1 425,537	9 955,705	6,984	6,518
80	58	52 717	1 287,143	8 530,168	6,627	6,161
81	59	49 526	1 154,402	7 243,025	6,274	5,808
82	60	46 112	1 026,085	6 088,623	5,934	5,468
83	61	42 536	903,594	5 062,538	5,603	5,137
84	62	38 849	787,842	4 158,944	5,279	4,813
85	63	35 059	678,737	3 371,103	4,967	4,501
86	64	31 177	576,215	2 692,366	4,673	4,206
87	65	27 301	481,710	2 116,151	4,393	3,927
88	66	23 506	395,935	1 634,442	4,128	3,662
89	67	19 835	318,954	1 238,507	3,883	3,417
90	68	16 403	251,805	919,553	3,652	3,186
91	69	13 284	194,682	667,748	3,430	2,964
92	70	10 517	147,135	473,066	3,215	2,749
93	71	8 044	107,435	325,931	3,034	2,568
94	72	6 003	76,534	218,496	2,855	2,389
95	73	4 317	52,545	141,962	2,702	2,236
96	74	3 014	35,024	89,417	2,553	2,087
97	75	2 006	22,253	54,393	2,444	1,978
98	76	1 305	13,822	32,140	2,325	1,859
99	77	816	8,252	18,317	2,220	1,754
100	78	491	4,739	10,065	2,124	1,658

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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23	0	99 216	34 122,351	680 338,595	19,938	19,472
24	1	98 877	32 463,837	646 216,244	19,906	19,440
25	2	98 806	30 969,333	613 752,407	19,818	19,352
26	3	98 750	29 548,377	582 783,074	19,723	19,257
27	4	98 695	28 192,623	553 234,697	19,623	19,157
28	5	98 640	26 899,195	525 042,074	19,519	19,053
29	6	98 583	25 664,685	498 142,879	19,410	18,944
30	7	98 523	24 485,946	472 478,194	19,296	18,830
31	8	98 463	23 361,396	447 992,248	19,177	18,711
32	9	98 396	22 286,760	424 630,852	19,053	18,587
33	10	98 327	21 261,354	402 344,092	18,924	18,458
34	11	98 250	20 281,198	381 082,738	18,790	18,324
35	12	98 166	19 345,130	360 801,540	18,651	18,185
36	13	98 080	18 451,639	341 456,410	18,505	18,039
37	14	97 986	17 598,132	323 004,771	18,354	17,888
38	15	97 881	16 782,118	305 406,639	18,198	17,732
39	16	97 765	16 002,062	288 624,521	18,037	17,571
40	17	97 642	15 257,167	272 622,459	17,868	17,402
41	18	97 508	14 545,306	257 365,292	17,694	17,228
42	19	97 358	13 864,481	242 819,986	17,514	17,048
43	20	97 201	13 214,401	228 955,505	17,326	16,860
44	21	97 033	12 593,428	215 741,104	17,131	16,665
45	22	96 843	11 998,770	203 147,676	16,931	16,465
46	23	96 638	11 430,376	191 148,906	16,723	16,257
47	24	96 410	10 886,314	179 718,530	16,509	16,043
48	25	96 164	10 366,188	168 832,216	16,287	15,821
49	26	95 890	9 867,966	158 466,028	16,059	15,593
50	27	95 588	9 390,734	148 598,062	15,824	15,358
51	28	95 249	8 933,177	139 207,327	15,583	15,117
52	29	94 874	8 494,520	130 274,150	15,336	14,870
53	30	94 457	8 073,659	121 779,630	15,084	14,618
54	31	93 983	7 668,912	113 705,971	14,827	14,361
55	32	93 454	7 279,949	106 037,059	14,566	14,100
56	33	92 870	6 906,374	98 757,110	14,299	13,833
57	34	92 225	6 547,405	91 850,736	14,029	13,563
58	35	91 512	6 202,156	85 303,332	13,754	13,288
59	36	90 728	5 870,199	79 101,176	13,475	13,009
60	37	89 876	5 551,378	73 230,977	13,191	12,725
61	38	88 950	5 245,052	67 679,599	12,904	12,438
62	39	87 934	4 950,037	62 434,547	12,613	12,147
63	40	86 832	4 666,336	57 484,510	12,319	11,853
64	41	85 646	4 393,907	52 818,174	12,021	11,555
65	42	84 363	4 131,815	48 424,268	11,720	11,254
66	43	82 996	3 880,543	44 292,452	11,414	10,948
67	44	81 544	3 639,750	40 411,909	11,103	10,637
68	45	79 999	3 408,858	36 772,160	10,787	10,321
69	46	78 374	3 188,184	33 363,302	10,465	9,999
70	47	76 627	2 975,767	30 175,117	10,140	9,674
71	48	74 815	2 773,663	27 199,350	9,806	9,340
72	49	72 856	2 578,529	24 425,687	9,473	9,007
73	50	70 824	2 392,958	21 847,157	9,130	8,664
74	51	68 660	2 214,666	19 454,199	8,784	8,318
75	52	66 384	2 044,129	17 239,533	8,434	7,968
76	53	64 002	1 881,425	15 195,404	8,077	7,611
77	54	61 465	1 724,903	13 313,978	7,719	7,253
78	55	58 793	1 575,109	11 589,075	7,358	6,892
79	56	55 938	1 430,654	10 013,966	7,000	6,534
80	57	52 925	1 292,214	8 583,311	6,642	6,176
81	58	49 742	1 159,445	7 291,098	6,288	5,822
82	59	46 330	1 030,937	6 131,653	5,948	5,482
83	60	42 762	908,386	5 100,716	5,615	5,149
84	61	39 071	792,347	4 192,330	5,291	4,825
85	62	35 275	682,926	3 399,983	4,979	4,513
86	63	31 389	580,130	2 717,057	4,684	4,218
87	64	27 507	485,336	2 136,927	4,403	3,937
88	65	23 695	399,116	1 651,590	4,138	3,672
89	66	20 011	321,773	1 252,475	3,892	3,426
90	67	16 560	254,216	930,701	3,661	3,195
91	68	13 425	196,741	676,486	3,438	2,972
92	69	10 640	148,855	479,744	3,223	2,757
93	70	8 147	108,806	330,890	3,041	2,575
94	71	6 086	77,597	222,084	2,862	2,396
95	72	4 382	53,335	144,487	2,709	2,243
96	73	3 064	35,609	91,152	2,560	2,094
97	74	2 042	22,657	55,543	2,451	1,985
98	75	1 331	14,094	32,885	2,333	1,867
99	76	834	8,434	18,792	2,228	1,762
100	77	503	4,854	10,358	2,134	1,668

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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24	0	99 175	32 561,696	646 513,404	19,855	19,389
25	1	98 830	30 977,013	613 951,707	19,820	19,354
26	2	98 763	29 552,048	582 974,694	19,727	19,261
27	3	98 705	28 195,531	553 422,646	19,628	19,162
28	4	98 649	26 901,769	525 227,115	19,524	19,058
29	5	98 592	25 666,971	498 325,346	19,415	18,949
30	6	98 532	24 488,112	472 658,374	19,302	18,836
31	7	98 468	23 362,481	448 170,263	19,183	18,717
32	8	98 403	22 288,314	424 807,781	19,060	18,594
33	9	98 333	21 262,654	402 519,468	18,931	18,465
34	10	98 255	20 282,384	381 256,813	18,797	18,331
35	11	98 174	19 346,626	360 974,429	18,658	18,192
36	12	98 088	18 453,088	341 627,804	18,513	18,047
37	13	97 996	17 599,791	323 174,715	18,362	17,896
38	14	97 890	16 783,665	305 574,925	18,207	17,741
39	15	97 777	16 004,009	288 791,259	18,045	17,579
40	16	97 656	15 259,414	272 787,250	17,877	17,411
41	17	97 521	14 547,287	257 527,836	17,703	17,237
42	18	97 377	13 867,213	242 980,549	17,522	17,056
43	19	97 218	13 216,712	229 113,336	17,335	16,869
44	20	97 051	12 595,756	215 896,625	17,140	16,674
45	21	96 859	12 000,749	203 300,869	16,941	16,475
46	22	96 653	11 432,237	191 300,120	16,733	16,267
47	23	96 427	10 888,274	179 867,883	16,519	16,053
48	24	96 181	10 368,054	168 979,609	16,298	15,832
49	25	95 909	9 869,843	158 611,555	16,070	15,604
50	26	95 605	9 392,502	148 741,711	15,836	15,370
51	27	95 270	8 935,100	139 349,210	15,596	15,130
52	28	94 897	8 496,522	130 414,109	15,349	14,883
53	29	94 481	8 075,749	121 917,587	15,097	14,631
54	30	94 013	7 671,345	113 841,839	14,840	14,374
55	31	93 484	7 282,236	106 170,494	14,579	14,113
56	32	92 902	6 908,741	98 888,258	14,313	13,847
57	33	92 258	6 549,765	91 979,517	14,043	13,577
58	34	91 549	6 204,675	85 429,752	13,769	13,303
59	35	90 765	5 872,619	79 225,077	13,491	13,025
60	36	89 917	5 553,925	73 352,458	13,207	12,741
61	37	88 992	5 247,543	67 798,534	12,920	12,454
62	38	87 987	4 953,024	62 550,991	12,629	12,163
63	39	86 884	4 669,143	57 597,967	12,336	11,870
64	40	85 705	4 396,922	52 928,824	12,038	11,572
65	41	84 426	4 134,876	48 531,902	11,737	11,271
66	42	83 062	3 883,626	44 397,026	11,432	10,966
67	43	81 618	3 643,058	40 513,400	11,121	10,655
68	44	80 076	3 412,170	36 870,342	10,806	10,340
69	45	78 464	3 191,862	33 458,173	10,482	10,016
70	46	76 720	2 979,394	30 266,310	10,159	9,693
71	47	74 918	2 777,469	27 286,916	9,824	9,358
72	48	72 972	2 582,646	24 509,447	9,490	9,024
73	49	70 948	2 397,149	21 926,800	9,147	8,681
74	50	68 788	2 218,778	19 529,651	8,802	8,336
75	51	66 526	2 048,518	17 310,873	8,450	7,984
76	52	64 152	1 885,825	15 262,355	8,093	7,627
77	53	61 623	1 729,344	13 376,530	7,735	7,269
78	54	58 963	1 579,673	11 647,187	7,373	6,907
79	55	56 120	1 435,313	10 067,514	7,014	6,548
80	56	53 114	1 296,852	8 632,201	6,656	6,190
81	57	49 938	1 164,013	7 335,349	6,302	5,836
82	58	46 532	1 035,441	6 171,336	5,960	5,494
83	59	42 964	912,682	5 135,896	5,627	5,161
84	60	39 278	796,549	4 223,214	5,302	4,836
85	61	35 477	686,831	3 426,665	4,989	4,523
86	62	31 582	583,711	2 739,834	4,694	4,228
87	63	27 694	488,634	2 156,123	4,413	3,947
88	64	23 873	402,121	1 667,489	4,147	3,681
89	65	20 171	324,359	1 265,368	3,901	3,435
90	66	16 707	256,463	941,009	3,669	3,203
91	67	13 553	198,625	684,546	3,446	2,980
92	68	10 752	150,429	485,922	3,230	2,764
93	69	8 242	110,077	335,493	3,048	2,582
94	70	6 164	78,587	225,415	2,868	2,402
95	71	4 443	54,076	146,828	2,715	2,249
96	72	3 110	36,144	92,752	2,566	2,100
97	73	2 077	23,035	56,607	2,457	1,991
98	74	1 355	14,350	33,572	2,340	1,874
99	75	851	8,599	19,222	2,235	1,769
100	76	514	4,961	10,623	2,141	1,675

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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25	0	99 128	31 070,390	614 227,342	19,769	19,303
26	1	98 787	29 559,377	583 156,952	19,728	19,262
27	2	98 717	28 199,034	553 597,575	19,632	19,166
28	3	98 659	26 904,544	525 398,541	19,528	19,062
29	4	98 601	25 669,428	498 493,997	19,420	18,954
30	5	98 541	24 490,293	472 824,569	19,307	18,841
31	6	98 476	23 364,548	448 334,276	19,189	18,723
32	7	98 407	22 289,349	424 969,728	19,066	18,600
33	8	98 340	21 264,136	402 680,379	18,937	18,471
34	9	98 261	20 283,625	381 416,242	18,804	18,338
35	10	98 180	19 347,757	361 132,618	18,665	18,199
36	11	98 095	18 454,515	341 784,860	18,520	18,054
37	12	98 003	17 601,173	323 330,345	18,370	17,904
38	13	97 900	16 785,247	305 729,172	18,214	17,748
39	14	97 786	16 005,485	288 943,925	18,053	17,587
40	15	97 668	15 261,271	272 938,440	17,884	17,418
41	16	97 535	14 549,429	257 677,169	17,710	17,244
42	17	97 391	13 869,101	243 127,740	17,530	17,064
43	18	97 237	13 219,316	229 258,639	17,343	16,877
44	19	97 068	12 597,958	216 039,323	17,149	16,683
45	20	96 877	12 002,968	203 441,365	16,949	16,483
46	21	96 669	11 434,122	191 438,397	16,743	16,277
47	22	96 443	10 890,047	180 004,274	16,529	16,063
48	23	96 199	10 369,920	169 114,228	16,308	15,842
49	24	95 926	9 871,620	158 744,307	16,081	15,615
50	25	95 624	9 394,289	148 872,688	15,847	15,381
51	26	95 288	8 936,782	139 478,399	15,607	15,141
52	27	94 917	8 498,351	130 541,617	15,361	14,895
53	28	94 504	8 077,652	122 043,266	15,109	14,643
54	29	94 038	7 673,330	113 965,614	14,852	14,386
55	30	93 513	7 284,546	106 292,283	14,591	14,125
56	31	92 931	6 910,911	99 007,738	14,326	13,860
57	32	92 290	6 552,010	92 096,827	14,056	13,590
58	33	91 582	6 206,912	85 544,817	13,782	13,316
59	34	90 802	5 875,004	79 337,905	13,504	13,038
60	35	89 954	5 556,214	73 462,901	13,222	12,756
61	36	89 033	5 249,950	67 906,687	12,935	12,469
62	37	88 029	4 955,377	62 656,737	12,644	12,178
63	38	86 937	4 671,961	57 701,360	12,351	11,885
64	39	85 757	4 399,566	53 029,399	12,053	11,587
65	40	84 484	4 137,713	48 629,833	11,753	11,287
66	41	83 124	3 886,503	44 492,119	11,448	10,982
67	42	81 683	3 645,952	40 605,616	11,137	10,671
68	43	80 149	3 415,271	36 959,665	10,822	10,356
69	44	78 541	3 194,963	33 544,394	10,499	10,033
70	45	76 809	2 982,831	30 349,430	10,175	9,709
71	46	75 009	2 780,855	27 366,599	9,841	9,375
72	47	73 072	2 586,190	24 585,744	9,507	9,041
73	48	71 061	2 400,976	21 999,554	9,163	8,697
74	49	68 908	2 222,663	19 598,578	8,818	8,352
75	50	66 650	2 052,322	17 375,914	8,466	8,000
76	51	64 289	1 889,874	15 323,593	8,108	7,642
77	52	61 767	1 733,388	13 433,718	7,750	7,284
78	53	59 115	1 583,739	11 700,331	7,388	6,922
79	54	56 282	1 439,471	10 116,591	7,028	6,562
80	55	53 287	1 301,075	8 677,121	6,669	6,203
81	56	50 118	1 168,191	7 376,046	6,314	5,848
82	57	46 716	1 039,520	6 207,855	5,972	5,506
83	58	43 152	916,669	5 168,335	5,638	5,172
84	59	39 464	800,316	4 251,666	5,312	4,846
85	60	35 665	690,474	3 451,350	4,999	4,533
86	61	31 763	587,049	2 760,876	4,703	4,237
87	62	27 865	491,650	2 173,827	4,421	3,955
88	63	24 035	404,853	1 682,177	4,155	3,689
89	64	20 323	326,801	1 277,324	3,909	3,443
90	65	16 841	258,523	950,523	3,677	3,211
91	66	13 673	200,380	692,000	3,453	2,987
92	67	10 855	151,869	491,620	3,237	2,771
93	68	8 329	111,242	339,751	3,054	2,588
94	69	6 236	79,506	228,509	2,874	2,408
95	70	4 499	54,766	149,003	2,721	2,255
96	71	3 154	36,647	94,237	2,572	2,105
97	72	2 108	23,382	57,590	2,463	1,997
98	73	1 378	14,589	34,209	2,345	1,879
99	74	866	8,756	19,619	2,241	1,775
100	75	524	5,059	10,864	2,148	1,682

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	2 012 326,273	20,123	19,657	50	50	94 053	8 201,738	118 623,535	14,463	13,997
1	1	99 344	94 613,628	1 912 326,273	20,212	19,746	51	51	93 566	7 770,786	110 421,797	14,210	13,743
2	2	99 292	90 060,975	1 817 712,644	20,183	19,717	52	52	93 020	7 357,552	102 651,012	13,952	13,485
3	3	99 264	85 748,314	1 727 651,669	20,148	19,682	53	53	92 419	6 961,898	95 293,460	13,688	13,221
4	4	99 243	81 647,743	1 641 903,355	20,110	19,643	54	54	91 749	6 582,288	88 331,562	13,420	12,953
5	5	99 223	77 744,032	1 560 255,612	20,069	19,603	55	55	90 997	6 217,507	81 749,274	13,148	12,682
6	6	99 204	74 027,902	1 482 511,581	20,026	19,560	56	56	90 166	5 867,320	75 531,767	12,873	12,407
7	7	99 187	70 490,118	1 408 483,679	19,981	19,515	57	57	89 251	5 531,258	69 664,447	12,595	12,128
8	8	99 174	67 124,545	1 337 993,560	19,933	19,467	58	58	88 249	5 208,719	64 133,189	12,313	11,846
9	9	99 158	63 918,217	1 270 869,016	19,883	19,416	59	59	87 149	4 898,823	58 924,470	12,028	11,562
10	10	99 144	60 865,898	1 206 950,799	19,830	19,363	60	60	85 963	4 602,088	54 025,647	11,739	11,273
11	11	99 130	57 959,538	1 146 084,901	19,774	19,307	61	61	84 669	4 316,954	49 423,559	11,449	10,982
12	12	99 115	55 191,020	1 088 125,363	19,716	19,249	62	62	83 277	4 043,770	45 106,606	11,155	10,688
13	13	99 101	52 555,130	1 032 934,343	19,654	19,188	63	63	81 777	3 781,878	41 062,836	10,858	10,391
14	14	99 082	50 042,991	980 379,213	19,591	19,124	64	64	80 171	3 531,052	37 280,958	10,558	10,092
15	15	99 059	47 649,131	930 336,222	19,525	19,058	65	65	78 438	3 290,205	33 749,906	10,258	9,791
16	16	99 031	45 367,350	882 687,091	19,456	18,990	66	66	76 613	3 060,616	30 459,701	9,952	9,486
17	17	98 992	43 189,947	837 319,741	19,387	18,921	67	67	74 681	2 841,351	27 399,086	9,643	9,177
18	18	98 951	41 116,382	794 129,794	19,314	18,848	68	68	72 641	2 632,153	24 557,734	9,330	8,864
19	19	98 894	39 135,743	753 013,412	19,241	18,775	69	69	70 502	2 432,999	21 925,582	9,012	8,545
20	20	98 837	37 250,802	713 877,669	19,164	18,698	70	70	68 217	2 242,043	19 492,583	8,694	8,228
21	21	98 777	35 455,078	676 626,868	19,084	18,618	71	71	65 856	2 061,354	17 250,540	8,369	7,902
22	22	98 720	33 747,491	641 171,790	18,999	18,533	72	72	63 353	1 888,586	15 189,186	8,043	7,576
23	23	98 659	32 120,656	607 424,299	18,911	18,444	73	73	60 780	1 725,611	13 300,600	7,708	7,241
24	24	98 601	30 573,070	575 303,643	18,817	18,351	74	74	58 064	1 569,993	11 574,989	7,373	6,906
25	25	98 537	29 098,146	544 730,574	18,720	18,254	75	75	55 255	1 422,901	10 004,997	7,031	6,565
26	26	98 475	27 695,115	515 632,428	18,618	18,152	76	76	52 370	1 284,397	8 582,095	6,682	6,215
27	27	98 411	26 359,235	487 937,313	18,511	18,045	77	77	49 336	1 152,364	7 297,699	6,333	5,866
28	28	98 344	25 087,040	461 578,079	18,399	17,933	78	78	46 202	1 027,773	6 145,334	5,979	5,513
29	29	98 274	23 875,207	436 491,039	18,282	17,816	79	79	42 891	908,679	5 117,561	5,632	5,165
30	30	98 197	22 720,550	412 615,831	18,160	17,694	80	80	39 447	795,919	4 208,882	5,288	4,822
31	31	98 111	21 619,613	389 895,281	18,034	17,568	81	81	35 864	689,170	3 412,963	4,952	4,486
32	32	98 019	20 570,966	368 275,668	17,903	17,436	82	82	32 118	587,795	2 723,793	4,634	4,168
33	33	97 924	19 572,266	347 704,702	17,765	17,299	83	83	28 314	493,498	2 135,998	4,328	3,862
34	34	97 817	18 619,903	328 132,436	17,623	17,156	84	84	24 532	407,227	1 642,500	4,033	3,567
35	35	97 702	17 712,401	309 512,532	17,474	17,008	85	85	20 824	329,209	1 235,273	3,752	3,286
36	36	97 583	16 848,473	291 800,132	17,319	16,853	86	86	17 225	259,343	906,064	3,494	3,027
37	37	97 455	16 025,023	274 951,658	17,158	16,691	87	87	13 872	198,922	646,721	3,251	2,785
38	38	97 313	15 239,735	258 926,635	16,990	16,524	88	88	10 836	147,989	447,799	3,026	2,559
39	39	97 150	14 489,791	243 686,900	16,818	16,351	89	89	8 172	106,281	299,810	2,821	2,355
40	40	96 984	13 776,142	229 197,109	16,637	16,171	90	90	5 939	73,562	193,529	2,631	2,164
41	41	96 797	13 094,911	215 420,967	16,451	15,984	91	91	4 144	48,883	119,967	2,454	1,988
42	42	96 597	12 445,490	202 326,056	16,257	15,791	92	92	2 762	31,036	71,084	2,290	1,824
43	43	96 381	11 826,375	189 880,566	16,056	15,589	93	93	1 739	18,604	40,047	2,153	1,686
44	44	96 145	11 235,660	178 054,191	15,847	15,381	94	94	1 041	10,604	21,444	2,022	1,556
45	45	95 879	10 671,022	166 818,531	15,633	15,166	95	95	585	5,675	10,840	1,910	1,444
46	46	95 581	10 131,285	156 147,509	15,412	14,946	96	96	310	2,867	5,165	1,802	1,335
47	47	95 257	9 616,094	146 016,224	15,185	14,718	97	97	150	1,322	2,298	1,739	1,272
48	48	94 901	9 123,980	136 400,130	14,950	14,483	98	98	70	0,585	0,977	1,668	1,202
49	49	94 498	8 652,615	127 276,150	14,710	14,243	99	99	31	0,245	0,391	1,598	1,132
							100	100	13	0,095	0,146	1,538	1,071

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 699	99 699,466	2 010 631,432	20,167	19,701	50	51	93 878	8 186,539	117 613,456	14,367	13,900
1	2	99 320	94 590,170	1 910 931,967	20,202	19,736	51	52	93 366	7 754,135	109 426,918	14,112	13,646
2	3	99 280	90 049,787	1 816 341,797	20,170	19,704	52	53	92 803	7 340,387	101 672,783	13,851	13,385
3	4	99 254	85 739,471	1 726 292,010	20,134	19,668	53	54	92 182	6 944,022	94 332,396	13,585	13,118
4	5	99 234	81 639,931	1 640 552,539	20,095	19,629	54	55	91 483	6 563,274	87 388,374	13,315	12,848
5	6	99 214	77 737,106	1 558 912,608	20,054	19,587	55	56	90 702	6 197,328	80 825,100	13,042	12,576
6	7	99 196	74 021,353	1 481 175,502	20,010	19,544	56	57	89 843	5 846,333	74 627,771	12,765	12,298
7	8	99 182	70 486,844	1 407 154,149	19,963	19,497	57	58	88 901	5 509,553	68 781,439	12,484	12,018
8	9	99 167	67 119,867	1 336 667,305	19,915	19,448	58	59	87 865	5 186,064	63 271,886	12,200	11,734
9	10	99 152	63 914,307	1 269 547,438	19,863	19,397	59	60	86 738	4 875,767	58 085,822	11,913	11,447
10	11	99 138	60 862,337	1 205 633,131	19,809	19,343	60	61	85 510	4 577,807	53 210,055	11,623	11,157
11	12	99 123	57 955,056	1 144 770,794	19,753	19,286	61	62	84 188	4 292,408	48 632,247	11,330	10,863
12	13	99 107	55 186,686	1 086 815,737	19,693	19,227	62	63	82 766	4 018,963	44 339,839	11,033	10,566
13	14	99 091	52 550,179	1 031 629,051	19,631	19,165	63	64	81 226	3 756,355	40 320,876	10,734	10,268
14	15	99 073	50 038,376	979 078,872	19,567	19,100	64	65	79 572	3 504,665	36 564,521	10,433	9,967
15	16	99 047	47 643,334	929 040,496	19,500	19,034	65	66	77 813	3 263,981	33 059,856	10,129	9,662
16	17	99 017	45 360,670	881 397,162	19,431	18,964	66	67	75 942	3 033,798	29 795,875	9,821	9,355
17	18	98 979	43 184,066	836 036,492	19,360	18,893	67	68	73 972	2 814,409	26 762,077	9,509	9,043
18	19	98 932	41 108,281	792 852,426	19,287	18,821	68	69	71 881	2 604,605	23 947,668	9,194	8,728
19	20	98 877	39 128,902	751 744,144	19,212	18,746	69	70	69 688	2 404,886	21 343,063	8,875	8,408
20	21	98 819	37 243,915	712 615,242	19,134	18,667	70	71	67 358	2 213,796	18 938,177	8,555	8,088
21	22	98 760	35 449,231	675 371,328	19,052	18,585	71	72	64 953	2 033,110	16 724,381	8,226	7,760
22	23	98 704	33 741,996	639 922,096	18,965	18,499	72	73	62 414	1 860,609	14 691,271	7,896	7,430
23	24	98 642	32 114,875	606 180,100	18,875	18,409	73	74	59 782	1 697,283	12 830,662	7,560	7,093
24	25	98 583	30 567,568	574 065,225	18,780	18,314	74	75	57 028	1 541,979	11 133,379	7,220	6,754
25	26	98 518	29 092,611	543 497,657	18,682	18,215	75	76	54 192	1 395,537	9 591,400	6,873	6,407
26	27	98 456	27 689,903	514 405,046	18,577	18,111	76	77	51 241	1 256,697	8 195,863	6,522	6,055
27	28	98 390	26 353,563	486 715,143	18,469	18,002	77	78	48 162	1 124,942	6 939,165	6,168	5,702
28	29	98 321	25 081,128	460 361,581	18,355	17,888	78	79	44 934	999,563	5 814,223	5,817	5,350
29	30	98 248	23 869,029	435 280,452	18,236	17,770	79	80	41 544	880,133	4 814,661	5,470	5,004
30	31	98 166	22 713,345	411 411,423	18,113	17,647	80	81	38 009	766,899	3 934,527	5,130	4,664
31	32	98 080	21 612,825	388 698,078	17,985	17,518	81	82	34 334	659,760	3 167,628	4,801	4,335
32	33	97 986	20 563,917	367 085,253	17,851	17,385	82	83	30 532	558,770	2 507,868	4,488	4,022
33	34	97 888	19 565,214	346 521,336	17,711	17,245	83	84	26 708	465,511	1 949,097	4,187	3,721
34	35	97 777	18 612,344	326 956,122	17,567	17,100	84	85	22 934	380,691	1 483,587	3,897	3,431
35	36	97 662	17 705,101	308 343,778	17,416	16,949	85	86	19 239	304,148	1 102,896	3,626	3,160
36	37	97 539	16 840,748	290 638,678	17,258	16,792	86	87	15 723	236,733	798,747	3,374	2,908
37	38	97 408	16 017,417	273 797,929	17,094	16,627	87	88	12 486	179,041	562,014	3,139	2,673
38	39	97 254	15 230,542	257 780,513	16,925	16,459	88	89	9 599	131,088	382,973	2,921	2,455
39	40	97 092	14 481,081	242 549,971	16,749	16,283	89	90	7 113	92,516	251,885	2,723	2,256
40	41	96 917	13 766,696	228 068,890	16,567	16,100	90	91	5 063	62,713	159,369	2,541	2,075
41	42	96 726	13 085,217	214 302,194	16,377	15,911	91	92	3 449	40,688	96,656	2,376	1,909
42	43	96 520	12 435,611	201 216,977	16,181	15,714	92	93	2 244	25,217	55,967	2,219	1,753
43	44	96 293	11 815,636	188 781,366	15,977	15,511	93	94	1 375	14,716	30,750	2,090	1,623
44	45	96 052	11 224,755	176 965,730	15,766	15,299	94	95	801	8,163	16,034	1,964	1,498
45	46	95 769	10 658,726	165 740,975	15,550	15,083	95	96	437	4,241	7,871	1,856	1,390
46	47	95 465	10 118,950	155 082,248	15,326	14,860	96	97	222	2,048	3,631	1,773	1,307
47	48	95 126	9 602,917	144 963,299	15,096	14,629	97	98	105	0,926	1,583	1,709	1,242
48	49	94 750	9 109,436	135 360,381	14,859	14,393	98	99	48	0,402	0,656	1,633	1,166
49	50	94 333	8 637,489	126 250,946	14,617	14,150	99	100	20	0,162	0,254	1,567	1,101

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 675	99 674,746	2 009 119,754	20,157	19,690
1	3	99 307	94 578,419	1 909 445,007	20,189	19,723
2	4	99 270	90 040,501	1 814 866,588	20,156	19,690
3	5	99 245	85 731,267	1 724 826,087	20,119	19,653
4	6	99 225	81 632,658	1 639 094,821	20,079	19,613
5	7	99 206	77 730,230	1 557 462,163	20,037	19,570
6	8	99 191	74 017,915	1 479 731,933	19,992	19,525
7	9	99 175	70 481,932	1 405 714,018	19,944	19,478
8	10	99 161	67 115,761	1 335 232,087	19,894	19,428
9	11	99 146	63 910,568	1 268 116,325	19,842	19,376
10	12	99 131	60 857,631	1 204 205,757	19,787	19,321
11	13	99 115	57 950,505	1 143 348,126	19,730	19,263
12	14	99 098	55 181,487	1 085 397,621	19,670	19,203
13	15	99 082	52 545,334	1 030 216,134	19,606	19,140
14	16	99 061	50 032,288	977 670,800	19,541	19,074
15	17	99 032	47 636,319	927 638,512	19,473	19,007
16	18	99 003	45 354,493	880 002,193	19,403	18,936
17	19	98 959	43 175,558	834 647,700	19,331	18,865
18	20	98 915	41 101,096	791 472,142	19,257	18,790
19	21	98 859	39 121,668	750 371,046	19,180	18,714
20	22	98 803	37 237,773	711 249,378	19,100	18,634
21	23	98 744	35 443,460	674 011,604	19,017	18,550
22	24	98 686	33 735,924	638 568,145	18,928	18,462
23	25	98 624	32 109,097	604 832,221	18,837	18,370
24	26	98 565	30 561,754	572 723,124	18,740	18,273
25	27	98 499	29 087,135	542 161,370	18,639	18,173
26	28	98 435	27 683,944	513 074,235	18,533	18,067
27	29	98 367	26 347,353	485 390,291	18,423	17,956
28	30	98 296	25 074,638	459 042,938	18,307	17,841
29	31	98 217	23 861,460	433 968,300	18,187	17,721
30	32	98 135	22 706,213	410 106,840	18,061	17,595
31	33	98 046	21 605,419	387 400,627	17,931	17,464
32	34	97 951	20 556,508	365 795,208	17,795	17,328
33	35	97 849	19 557,271	345 238,700	17,653	17,186
34	36	97 737	18 604,673	325 681,430	17,505	17,039
35	37	97 617	17 696,983	307 076,757	17,352	16,886
36	38	97 492	16 832,755	289 379,774	17,191	16,725
37	39	97 350	16 007,754	272 547,019	17,026	16,560
38	40	97 196	15 221,386	256 539,265	16,854	16,387
39	41	97 025	14 471,151	241 317,879	16,676	16,209
40	42	96 846	13 756,505	226 846,728	16,490	16,024
41	43	96 649	13 074,831	213 090,223	16,298	15,831
42	44	96 432	12 424,318	200 015,392	16,099	15,632
43	45	96 200	11 804,168	187 591,074	15,892	15,426
44	46	95 941	11 211,822	175 786,906	15,679	15,212
45	47	95 652	10 645,749	164 575,084	15,459	14,993
46	48	95 334	10 105,084	153 929,335	15,233	14,766
47	49	94 975	9 587,610	143 824,251	15,001	14,535
48	50	94 584	9 093,512	134 236,641	14,762	14,295
49	51	94 158	8 621,482	125 143,129	14,515	14,049
50	52	93 677	8 168,997	116 521,647	14,264	13,797
51	53	93 148	7 736,045	108 352,650	14,006	13,540
52	54	92 565	7 321,539	100 616,605	13,743	13,276
53	55	91 915	6 923,963	93 295,065	13,474	13,008
54	56	91 187	6 541,973	86 371,103	13,203	12,736
55	57	90 377	6 175,161	79 829,130	12,927	12,461
56	58	89 490	5 823,391	73 653,969	12,648	12,182
57	59	88 514	5 485,589	67 830,578	12,365	11,899
58	60	87 452	5 161,657	62 344,989	12,078	11,612
59	61	86 281	4 850,043	57 183,332	11,790	11,324
60	62	85 024	4 551,778	52 333,289	11,497	11,031
61	63	83 671	4 266,077	47 781,511	11,200	10,734
62	64	82 207	3 991,840	43 515,434	10,901	10,435
63	65	80 619	3 728,285	39 523,594	10,601	10,135
64	66	78 938	3 476,731	35 795,309	10,296	9,829
65	67	77 131	3 235,381	32 318,578	9,989	9,523
66	68	75 222	3 005,031	29 083,197	9,678	9,212
67	69	73 198	2 784,954	26 078,166	9,364	8,898
68	70	71 050	2 574,510	23 293,212	9,048	8,581
69	71	68 810	2 374,588	20 718,701	8,725	8,259
70	72	66 435	2 183,463	18 344,114	8,401	7,935
71	73	63 991	2 002,992	16 160,651	8,068	7,602
72	74	61 390	1 830,065	14 157,659	7,736	7,270
73	75	58 716	1 666,998	12 327,593	7,395	6,929
74	76	55 931	1 512,325	10 660,595	7,049	6,583
75	77	53 024	1 365,441	9 148,271	6,700	6,233
76	78	50 022	1 226,793	7 782,830	6,344	5,878
77	79	46 840	1 094,065	6 556,037	5,992	5,526
78	80	43 522	968,162	5 461,973	5,642	5,175
79	81	40 029	848,042	4 493,811	5,299	4,833
80	82	36 387	734,172	3 645,768	4,966	4,499
81	83	32 638	627,182	2 911,596	4,642	4,176
82	84	28 801	527,082	2 284,414	4,334	3,868
83	85	24 968	435,177	1 757,332	4,038	3,572
84	86	21 188	351,711	1 322,155	3,759	3,293
85	87	17 561	277,633	970,444	3,495	3,029
86	88	14 152	213,073	692,812	3,252	2,785
87	89	11 060	158,594	479,739	3,025	2,559
88	90	8 356	114,110	321,145	2,814	2,348
89	91	6 064	78,872	207,035	2,625	2,159
90	92	4 214	52,201	128,163	2,455	1,989
91	93	2 802	33,059	75,963	2,298	1,831
92	94	1 775	19,947	42,903	2,151	1,684
93	95	1 059	11,329	22,956	2,026	1,560
94	96	599	6,100	11,627	1,906	1,440
95	97	312	3,029	5,528	1,825	1,358
96	98	155	1,436	2,498	1,740	1,274
97	99	72	0,636	1,063	1,670	1,204
98	100	32	0,267	0,426	1,600	1,133

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 662	99 662,364	2 007 509,000	20,143	19,677
1	4	99 297	94 568,666	1 907 846,636	20,174	19,708
2	5	99 260	90 031,885	1 813 277,970	20,140	19,674
3	6	99 236	85 723,630	1 723 246,085	20,102	19,636
4	7	99 216	81 625,437	1 637 522,455	20,061	19,595
5	8	99 201	77 726,619	1 555 897,018	20,018	19,551
6	9	99 184	74 012,757	1 478 170,400	19,972	19,505
7	10	99 169	70 477,620	1 404 157,643	19,923	19,457
8	11	99 155	67 111,836	1 333 680,023	19,873	19,406
9	12	99 139	63 905,626	1 266 568,187	19,819	19,353
10	13	99 123	60 852,852	1 202 662,561	19,763	19,297
11	14	99 106	57 945,046	1 141 809,709	19,705	19,239
12	15	99 089	55 176,399	1 083 864,663	19,644	19,177
13	16	99 070	52 538,940	1 028 688,265	19,580	19,113
14	17	99 046	50 024,921	976 149,324	19,513	19,047
15	18	99 019	47 629,832	926 124,403	19,444	18,978
16	19	98 984	45 345,558	878 494,570	19,373	18,907
17	20	98 942	43 168,011	833 149,013	19,300	18,834
18	21	98 896	41 093,497	789 981,001	19,224	18,758
19	22	98 842	39 115,217	748 887,504	19,146	18,679
20	23	98 787	37 231,711	709 772,287	19,064	18,597
21	24	98 726	35 437,081	672 540,576	18,978	18,512
22	25	98 669	33 729,854	637 103,495	18,888	18,422
23	26	98 605	32 102,989	603 373,641	18,795	18,329
24	27	98 546	30 556,002	571 270,653	18,696	18,229
25	28	98 478	29 080,876	540 714,651	18,593	18,127
26	29	98 412	27 677,421	511 633,774	18,486	18,019
27	30	98 341	26 340,535	483 956,354	18,373	17,907
28	31	98 265	25 066,686	457 615,819	18,256	17,790
29	32	98 186	23 853,967	432 549,133	18,133	17,667
30	33	98 101	22 698,433	408 695,165	18,005	17,539
31	34	98 011	21 597,634	385 996,732	17,872	17,406
32	35	97 911	20 548,162	364 399,098	17,734	17,268
33	36	97 808	19 549,210	343 850,936	17,589	17,123
34	37	97 692	18 596,143	324 301,726	17,439	16,973
35	38	97 570	17 688,583	305 705,583	17,283	16,816
36	39	97 433	16 822,600	288 017,000	17,121	16,654
37	40	97 291	15 998,131	271 194,400	16,952	16,485
38	41	97 129	15 210,949	255 196,269	16,777	16,311
39	42	96 954	14 460,439	239 985,320	16,596	16,130
40	43	96 769	13 745,586	225 524,881	16,407	15,941
41	44	96 561	13 062,958	211 779,296	16,212	15,746
42	45	96 339	12 412,260	198 716,338	16,010	15,543
43	46	96 089	11 790,567	186 304,078	15,801	15,335
44	47	95 824	11 198,171	174 513,511	15,584	15,118
45	48	95 521	10 631,161	163 315,340	15,362	14,896
46	49	95 182	10 088,976	152 684,179	15,134	14,667
47	50	94 809	9 570,850	142 595,203	14,899	14,433
48	51	94 409	9 076,659	133 024,353	14,656	14,189
49	52	93 956	8 603,009	123 947,693	14,407	13,941
50	53	93 459	8 149,939	115 344,684	14,153	13,686
51	54	92 909	7 716,181	107 194,745	13,892	13,426
52	55	92 297	7 300,390	99 478,563	13,626	13,160
53	56	91 617	6 901,491	92 178,174	13,356	12,890
54	57	90 860	6 518,573	85 276,683	13,082	12,616
55	58	90 023	6 150,928	78 758,110	12,804	12,338
56	59	89 101	5 798,063	72 607,181	12,523	12,056
57	60	88 098	5 459,772	66 809,118	12,237	11,770
58	61	86 990	5 134,424	61 349,346	11,949	11,482
59	62	85 790	4 822,466	56 214,922	11,657	11,190
60	63	84 502	4 523,856	51 392,456	11,360	10,894
61	64	83 106	4 237,285	46 868,601	11,061	10,595
62	65	81 593	3 962,010	42 631,315	10,760	10,294
63	66	79 976	3 698,569	38 669,305	10,455	9,989
64	67	78 246	3 446,268	34 970,736	10,147	9,681
65	68	76 400	3 204,703	31 524,468	9,837	9,371
66	69	74 434	2 973,581	28 319,766	9,524	9,057
67	70	72 353	2 752,775	25 346,185	9,208	8,741
68	71	70 155	2 542,074	22 593,409	8,888	8,421
69	72	67 867	2 342,052	20 051,335	8,561	8,095
70	73	65 451	2 151,118	17 709,283	8,233	7,766
71	74	62 941	1 970,111	15 558,165	7,897	7,431
72	75	60 294	1 797,411	13 588,054	7,560	7,093
73	76	57 586	1 634,939	11 790,643	7,212	6,745
74	77	54 725	1 479,710	10 155,704	6,863	6,397
75	78	51 762	1 332,948	8 675,994	6,509	6,042
76	79	48 649	1 193,119	7 343,046	6,154	5,688
77	80	45 369	1 059,695	6 149,927	5,803	5,337
78	81	41 936	932,861	5 090,231	5,457	4,990
79	82	38 321	811,853	4 157,370	5,121	4,654
80	83	34 590	697,920	3 345,517	4,794	4,327
81	84	30 787	591,614	2 647,597	4,475	4,009
82	85	26 924	492,735	2 055,984	4,173	3,706
83	86	23 067	402,049	1 563,248	3,888	3,422
84	87	19 341	321,049	1 161,199	3,617	3,150
85	88	15 806	249,885	840,150	3,362	2,896
86	89	12 536	188,740	590,266	3,127	2,661
87	90	9 628	138,053	401,526	2,908	2,442
88	91	7 123	97,282	263,473	2,708	2,242
89	92	5 048	65,650	166,191	2,531	2,065
90	93	3 424	42,413	100,541	2,371	1,904
91	94	2 217	26,151	58,128	2,223	1,756
92	95	1 367	15,356	31,978	2,082	1,616
93	96	791	8,465	16,621	1,964	1,497
94	97	428	4,357	8,156	1,872	1,406
95	98	219	2,123	3,799	1,789	1,323
96	99	107	0,986	1,676	1,699	1,233
97	100	48	0,422	0,690	1,634	1,168

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 652	99 652,086	2 005 779,664	20,128	19,661
1	5	99 288	94 559,617	1 906 127,578	20,158	19,692
2	6	99 251	90 023,865	1 811 567,961	20,123	19,657
3	7	99 227	85 716,047	1 721 544,096	20,084	19,618
4	8	99 212	81 621,645	1 635 828,049	20,042	19,575
5	9	99 194	77 721,202	1 554 206,404	19,997	19,531
6	10	99 178	74 008,229	1 476 485,202	19,950	19,484
7	11	99 163	70 473,498	1 402 476,973	19,901	19,434
8	12	99 147	67 106,646	1 332 003,475	19,849	19,383
9	13	99 131	63 900,608	1 264 896,829	19,795	19,328
10	14	99 114	60 847,119	1 200 996,222	19,738	19,272
11	15	99 097	57 939,703	1 140 149,102	19,678	19,212
12	16	99 077	55 169,685	1 082 209,400	19,616	19,150
13	17	99 055	52 531,204	1 027 039,714	19,551	19,085
14	18	99 032	50 018,110	974 508,510	19,483	19,017
15	19	98 999	47 620,449	924 490,400	19,414	18,947
16	20	98 966	45 337,632	876 869,952	19,341	18,874
17	21	98 924	43 160,031	831 532,320	19,266	18,800
18	22	98 880	41 086,721	788 372,289	19,188	18,722
19	23	98 826	39 108,849	747 285,568	19,108	18,641
20	24	98 769	37 225,010	708 176,720	19,024	18,558
21	25	98 709	35 430,705	670 951,709	18,937	18,471
22	26	98 650	33 723,437	635 521,004	18,845	18,379
23	27	98 587	32 096,947	601 797,567	18,749	18,283
24	28	98 525	30 549,427	569 700,620	18,648	18,182
25	29	98 455	29 074,024	539 151,193	18,544	18,078
26	30	98 386	27 670,259	510 077,170	18,434	17,968
27	31	98 310	26 332,182	482 406,911	18,320	17,854
28	32	98 234	25 058,815	456 074,729	18,200	17,734
29	33	98 153	23 845,794	431 015,914	18,075	17,609
30	34	98 066	22 690,254	407 170,120	17,945	17,478
31	35	97 971	21 588,866	384 479,866	17,809	17,343
32	36	97 870	20 539,693	362 891,000	17,668	17,201
33	37	97 764	19 540,247	342 351,307	17,520	17,054
34	38	97 646	18 587,316	322 811,060	17,367	16,901
35	39	97 512	17 677,912	304 223,744	17,209	16,743
36	40	97 375	16 812,487	286 545,831	17,044	16,577
37	41	97 224	15 987,161	269 733,344	16,872	16,405
38	42	97 057	15 199,689	253 746,183	16,694	16,228
39	43	96 877	14 448,961	238 546,494	16,510	16,043
40	44	96 681	13 733,104	224 097,533	16,318	15,852
41	45	96 468	13 050,279	210 364,430	16,120	15,653
42	46	96 228	12 397,958	197 314,151	15,915	15,449
43	47	95 972	11 776,212	184 916,193	15,703	15,236
44	48	95 693	11 182,826	173 139,981	15,483	15,016
45	49	95 369	10 614,215	161 957,155	15,259	14,792
46	50	95 016	10 071,340	151 342,940	15,027	14,561
47	51	94 633	9 553,113	141 271,600	14,788	14,322
48	52	94 206	9 057,211	131 718,487	14,543	14,077
49	53	93 737	8 582,938	122 661,276	14,291	13,825
50	54	93 219	8 129,013	114 078,338	14,033	13,567
51	55	92 640	7 693,892	105 949,325	13,771	13,304
52	56	91 998	7 276,696	98 255,433	13,503	13,036
53	57	91 289	6 876,805	90 978,736	13,230	12,763
54	58	90 504	6 492,993	84 101,932	12,953	12,486
55	59	89 631	6 124,176	77 608,938	12,673	12,206
56	60	88 682	5 770,775	71 484,763	12,387	11,921
57	61	87 633	5 430,967	65 713,988	12,100	11,633
58	62	86 496	5 105,230	60 283,021	11,808	11,342
59	63	85 264	4 792,883	55 177,791	11,512	11,046
60	64	83 932	4 493,325	50 384,908	11,213	10,747
61	65	82 485	4 205,622	45 891,583	10,912	10,446
62	66	80 943	3 930,431	41 685,962	10,606	10,140
63	67	79 275	3 666,161	37 755,530	10,298	9,832
64	68	77 504	3 413,590	34 089,369	9,986	9,520
65	69	75 600	3 171,163	30 675,779	9,673	9,207
66	70	73 574	2 939,223	27 504,616	9,358	8,891
67	71	71 441	2 718,094	24 565,393	9,038	8,571
68	72	69 194	2 507,244	21 847,300	8,714	8,247
69	73	66 862	2 307,358	19 340,056	8,382	7,916
70	74	64 376	2 115,805	17 032,699	8,050	7,584
71	75	61 818	1 934,958	14 916,894	7,709	7,243
72	76	59 135	1 762,844	12 981,936	7,364	6,898
73	77	56 345	1 599,680	11 219,092	7,013	6,547
74	78	53 423	1 444,498	9 619,412	6,659	6,193
75	79	50 341	1 296,361	8 174,914	6,306	5,840
76	80	47 120	1 155,638	6 878,552	5,952	5,486
77	81	43 715	1 021,057	5 722,914	5,605	5,138
78	82	40 146	893,053	4 701,857	5,265	4,799
79	83	36 428	771,765	3 808,804	4,935	4,469
80	84	32 628	658,340	3 037,040	4,613	4,147
81	85	28 781	553,062	2 378,700	4,301	3,835
82	86	24 874	455,226	1 825,638	4,010	3,544
83	87	21 056	366,998	1 370,412	3,734	3,268
84	88	17 408	288,961	1 003,413	3,472	3,006
85	89	14 001	221,347	714,452	3,228	2,761
86	90	10 912	164,294	493,104	3,001	2,535
87	91	8 208	117,693	328,810	2,794	2,327
88	92	5 929	80,974	211,117	2,607	2,141
89	93	4 101	53,341	130,143	2,440	1,973
90	94	2 708	33,550	76,802	2,289	1,823
91	95	1 707	20,132	43,252	2,148	1,682
92	96	1 021	11,474	23,121	2,015	1,549
93	97	565	6,047	11,646	1,926	1,460
94	98	300	3,054	5,599	1,833	1,367
95	99	150	1,459	2,545	1,745	1,278
96	100	71	0,654	1,086	1,661	1,195

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 643	99 642,551	2 003 922,252	20,111	19,645
1	6	99 279	94 551,193	1 904 279,701	20,140	19,674
2	7	99 243	90 015,901	1 809 728,508	20,105	19,638
3	8	99 222	85 712,065	1 719 712,606	20,064	19,597
4	9	99 205	81 615,957	1 634 000,542	20,021	19,554
5	10	99 188	77 716,448	1 552 384,584	19,975	19,509
6	11	99 172	74 003,900	1 474 668,137	19,927	19,460
7	12	99 156	70 468,048	1 400 664,236	19,877	19,410
8	13	99 139	67 101,376	1 330 196,188	19,824	19,357
9	14	99 121	63 894,587	1 263 094,812	19,768	19,302
10	15	99 104	60 841,509	1 199 200,224	19,710	19,244
11	16	99 084	57 932,653	1 138 358,716	19,650	19,183
12	17	99 062	55 161,562	1 080 426,062	19,587	19,120
13	18	99 042	52 524,051	1 025 264,500	19,520	19,054
14	19	99 013	50 008,255	972 740,449	19,452	18,985
15	20	98 982	47 612,125	922 732,194	19,380	18,914
16	21	98 948	45 329,250	875 120,069	19,306	18,839
17	22	98 907	43 152,914	829 790,819	19,229	18,763
18	23	98 864	41 080,032	786 637,905	19,149	18,683
19	24	98 808	39 101,810	745 557,873	19,067	18,601
20	25	98 751	37 218,312	706 456,063	18,981	18,515
21	26	98 690	35 423,965	669 237,751	18,892	18,426
22	27	98 631	33 717,091	633 813,786	18,798	18,332
23	28	98 565	32 090,040	600 096,695	18,700	18,234
24	29	98 502	30 542,228	568 006,655	18,597	18,131
25	30	98 429	29 066,500	537 464,427	18,491	18,024
26	31	98 355	27 661,483	508 397,926	18,379	17,913
27	32	98 279	26 323,913	480 736,443	18,262	17,796
28	33	98 200	25 050,229	454 412,530	18,140	17,674
29	34	98 117	23 837,202	429 362,300	18,012	17,546
30	35	98 026	22 681,042	405 525,099	17,879	17,413
31	36	97 931	21 579,968	382 844,056	17,741	17,274
32	37	97 826	20 530,276	361 264,088	17,597	17,130
33	38	97 717	19 530,972	340 733,812	17,446	16,979
34	39	97 587	18 576,103	321 202,840	17,291	16,825
35	40	97 453	17 667,285	302 626,737	17,129	16,663
36	41	97 308	16 800,959	284 959,452	16,961	16,495
37	42	97 152	15 975,327	268 158,493	16,786	16,319
38	43	96 980	15 187,624	252 183,166	16,605	16,138
39	44	96 789	14 435,840	236 995,542	16,417	15,951
40	45	96 587	13 719,775	222 559,702	16,222	15,755
41	46	96 356	13 035,242	208 839,928	16,021	15,555
42	47	96 111	12 382,863	195 804,685	15,813	15,346
43	48	95 841	11 760,075	183 421,822	15,597	15,131
44	49	95 541	11 165,000	171 661,747	15,375	14,909
45	50	95 202	10 595,660	160 496,747	15,147	14,681
46	51	94 840	10 052,675	149 901,087	14,912	14,445
47	52	94 430	9 532,644	139 848,411	14,670	14,204
48	53	93 987	9 036,081	130 315,767	14,422	13,955
49	54	93 496	8 560,900	121 279,687	14,167	13,700
50	55	92 949	8 105,531	112 718,786	13,906	13,440
51	56	92 340	7 668,922	104 613,256	13,641	13,175
52	57	91 669	7 250,668	96 944,334	13,370	12,904
53	58	90 931	6 849,819	89 693,666	13,094	12,628
54	59	90 110	6 464,753	82 843,847	12,815	12,348
55	60	89 209	6 095,353	76 379,094	12,531	12,064
56	61	88 214	5 740,329	70 283,741	12,244	11,777
57	62	87 135	5 400,087	64 543,412	11,952	11,486
58	63	85 965	5 073,912	59 143,326	11,656	11,190
59	64	84 689	4 760,536	54 069,413	11,358	10,891
60	65	83 304	4 459,747	49 308,877	11,056	10,590
61	66	81 828	4 172,101	44 849,129	10,750	10,283
62	67	80 233	3 895,992	40 677,028	10,441	9,974
63	68	78 524	3 631,398	36 781,036	10,129	9,662
64	69	76 693	3 377,864	33 149,638	9,814	9,347
65	70	74 727	3 134,522	29 771,774	9,498	9,032
66	71	72 647	2 902,192	26 637,252	9,178	8,712
67	72	70 462	2 680,851	23 735,060	8,854	8,387
68	73	68 169	2 470,102	21 054,209	8,524	8,057
69	74	65 764	2 269,480	18 584,107	8,189	7,722
70	75	63 228	2 078,052	16 314,627	7,851	7,385
71	76	60 629	1 897,746	14 236,575	7,502	7,035
72	77	57 860	1 724,827	12 338,830	7,154	6,687
73	78	55 004	1 561,613	10 614,003	6,797	6,330
74	79	51 956	1 404,849	9 052,389	6,444	5,977
75	80	48 760	1 255,637	7 647,540	6,091	5,624
76	81	45 402	1 113,502	6 391,903	5,740	5,274
77	82	41 849	977,485	5 278,401	5,400	4,934
78	83	38 164	848,955	4 300,916	5,066	4,600
79	84	34 362	727,997	3 451,962	4,742	4,275
80	85	30 502	615,440	2 723,965	4,426	3,960
81	86	26 590	510,961	2 108,525	4,127	3,660
82	87	22 706	415,540	1 597,564	3,845	3,378
83	88	18 952	330,319	1 182,024	3,578	3,112
84	89	15 420	255,961	851,706	3,327	2,861
85	90	12 188	192,679	595,744	3,092	2,626
86	91	9 303	140,065	403,066	2,878	2,411
87	92	6 832	97,964	263,001	2,685	2,218
88	93	4 818	65,791	165,037	2,508	2,042
89	94	3 244	42,194	99,246	2,352	1,886
90	95	2 085	25,828	57,052	2,209	1,743
91	96	1 275	15,043	31,224	2,076	1,609
92	97	730	8,197	16,181	1,974	1,508
93	98	396	4,239	7,984	1,884	1,417
94	99	206	2,098	3,746	1,785	1,319
95	100	100	0,967	1,648	1,704	1,237

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 634	99 633,675	2 001 928,484	20,093	19,626
1	7	99 270	94 542,829	1 902 294,810	20,121	19,655
2	8	99 238	90 011,720	1 807 751,980	20,084	19,617
3	9	99 216	85 706,092	1 717 740,261	20,042	19,576
4	10	99 199	81 610,965	1 632 034,169	19,998	19,531
5	11	99 182	77 711,902	1 550 423,204	19,951	19,485
6	12	99 165	73 998,178	1 472 711,302	19,902	19,436
7	13	99 148	70 462,515	1 398 713,125	19,850	19,384
8	14	99 130	67 095,055	1 328 250,610	19,797	19,330
9	15	99 112	63 888,696	1 261 155,555	19,740	19,273
10	16	99 092	60 834,106	1 197 266,859	19,681	19,214
11	17	99 070	57 924,123	1 136 432,753	19,619	19,153
12	18	99 049	55 154,051	1 078 508,630	19,554	19,088
13	19	99 022	52 513,703	1 023 354,579	19,487	19,021
14	20	98 996	49 999,514	970 840,876	19,417	18,951
15	21	98 964	47 603,322	920 841,362	19,344	18,878
16	22	98 932	45 321,775	873 238,039	19,268	18,801
17	23	98 891	43 145,888	827 916,264	19,189	18,722
18	24	98 846	41 072,639	784 770,376	19,107	18,640
19	25	98 791	39 094,775	743 697,737	19,023	18,557
20	26	98 732	37 211,232	704 602,963	18,935	18,469
21	27	98 671	35 417,298	667 391,730	18,844	18,377
22	28	98 610	33 709,835	631 974,432	18,747	18,281
23	29	98 542	32 082,479	598 264,597	18,648	18,181
24	30	98 476	30 534,325	566 182,118	18,542	18,076
25	31	98 398	29 057,282	535 647,793	18,434	17,968
26	32	98 324	27 652,798	506 590,511	18,320	17,853
27	33	98 246	26 314,894	478 937,713	18,200	17,734
28	34	98 165	25 041,203	452 622,819	18,075	17,609
29	35	98 077	23 827,524	427 581,616	17,945	17,478
30	36	97 986	22 671,695	403 754,092	17,809	17,342
31	37	97 886	21 570,074	381 082,398	17,667	17,201
32	38	97 779	20 520,531	359 512,324	17,520	17,053
33	39	97 658	19 519,190	338 991,793	17,367	16,901
34	40	97 528	18 564,936	319 472,603	17,208	16,742
35	41	97 386	17 655,171	300 907,667	17,044	16,577
36	42	97 236	16 788,522	283 252,496	16,872	16,405
37	43	97 075	15 962,646	266 463,974	16,693	16,227
38	44	96 892	15 173,833	250 501,328	16,509	16,042
39	45	96 695	14 421,829	235 327,495	16,317	15,851
40	46	96 476	13 703,966	220 905,666	16,120	15,653
41	47	96 239	13 019,372	207 201,700	15,915	15,448
42	48	95 979	12 365,895	194 182,329	15,703	15,237
43	49	95 688	11 741,329	181 816,434	15,485	15,019
44	50	95 374	11 145,483	170 075,105	15,260	14,793
45	51	95 026	10 576,024	158 929,622	15,027	14,561
46	52	94 636	10 031,136	148 353,598	14,789	14,323
47	53	94 210	9 510,405	138 322,462	14,544	14,078
48	54	93 745	9 012,879	128 812,057	14,292	13,826
49	55	93 226	8 536,170	119 799,178	14,034	13,568
50	56	92 648	8 079,225	111 263,008	13,771	13,305
51	57	92 009	7 641,490	103 183,783	13,503	13,037
52	58	91 309	7 222,215	95 542,293	13,229	12,763
53	59	90 536	6 820,027	88 320,078	12,950	12,484
54	60	89 686	6 434,327	81 500,051	12,666	12,200
55	61	88 739	6 063,194	75 065,724	12,381	11,914
56	62	87 712	5 707,690	69 002,530	12,089	11,623
57	63	86 600	5 366,960	63 294,840	11,793	11,327
58	64	85 385	5 039,669	57 927,879	11,494	11,028
59	65	84 056	4 724,963	52 888,210	11,193	10,727
60	66	82 640	4 424,201	48 163,248	10,886	10,420
61	67	81 111	4 135,544	43 739,047	10,576	10,110
62	68	79 473	3 859,050	39 603,502	10,263	9,796
63	69	77 702	3 593,393	35 744,452	9,947	9,481
64	70	75 807	3 338,834	32 151,059	9,629	9,163
65	71	73 785	3 095,031	28 812,225	9,309	8,843
66	72	71 652	2 862,427	25 717,195	8,984	8,518
67	73	69 418	2 641,138	22 854,768	8,653	8,187
68	74	67 050	2 429,553	20 213,630	8,320	7,853
69	75	64 591	2 228,985	17 784,077	7,979	7,512
70	76	62 012	2 038,088	15 555,092	7,632	7,166
71	77	59 321	1 856,819	13 517,004	7,280	6,813
72	78	56 483	1 683,782	11 660,185	6,925	6,459
73	79	53 494	1 518,750	9 976,403	6,569	6,102
74	80	50 324	1 360,717	8 457,652	6,216	5,749
75	81	46 982	1 209,854	7 096,936	5,866	5,400
76	82	43 465	1 065,985	5 887,081	5,523	5,056
77	83	39 783	929,217	4 821,097	5,188	4,722
78	84	35 999	800,809	3 891,879	4,860	4,394
79	85	32 123	680,558	3 091,070	4,542	4,076
80	86	28 180	568,590	2 410,512	4,239	3,773
81	87	24 272	466,415	1 841,922	3,949	3,483
82	88	20 436	374,008	1 375,507	3,678	3,211
83	89	16 787	292,596	1 001,499	3,423	2,956
84	90	13 423	222,810	708,903	3,182	2,715
85	91	10 390	164,263	486,093	2,959	2,493
86	92	7 743	116,585	321,830	2,760	2,294
87	93	5 551	79,596	205,245	2,579	2,112
88	94	3 811	52,042	125,649	2,414	1,948
89	95	2 497	32,482	73,607	2,266	1,800
90	96	1 558	19,299	41,124	2,131	1,664
91	97	911	10,746	21,825	2,031	1,565
92	98	511	5,746	11,079	1,928	1,462
93	99	272	2,912	5,334	1,832	1,365
94	100	136	1,391	2,422	1,741	1,275

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 625	99 624,861	1 999 790,017	20,073	19,607
1	8	99 265	94 538,437	1 900 165,156	20,099	19,633
2	9	99 231	90 005,447	1 805 626,718	20,061	19,595
3	10	99 209	85 700,849	1 715 621,271	20,019	19,552
4	11	99 193	81 606,191	1 629 920,422	19,973	19,507
5	12	99 175	77 705,893	1 548 314,231	19,925	19,459
6	13	99 157	73 992,367	1 470 608,338	19,875	19,409
7	14	99 138	70 455,876	1 396 615,972	19,823	19,356
8	15	99 121	67 088,868	1 326 160,095	19,767	19,301
9	16	99 100	63 880,923	1 259 071,227	19,710	19,243
10	17	99 078	60 825,149	1 195 190,305	19,650	19,183
11	18	99 056	57 916,236	1 134 365,156	19,586	19,120
12	19	99 029	55 143,185	1 076 448,920	19,521	19,055
13	20	99 005	52 504,524	1 021 305,735	19,452	18,985
14	21	98 977	49 990,271	968 801,211	19,380	18,913
15	22	98 948	47 595,473	918 810,940	19,305	18,838
16	23	98 916	45 314,396	871 215,468	19,226	18,760
17	24	98 873	43 138,123	825 901,071	19,146	18,679
18	25	98 828	41 065,248	782 762,948	19,061	18,595
19	26	98 772	39 087,338	741 697,699	18,975	18,509
20	27	98 714	37 204,229	702 610,362	18,885	18,419
21	28	98 650	35 409,677	665 406,132	18,792	18,325
22	29	98 587	33 701,892	629 996,455	18,693	18,227
23	30	98 517	32 074,177	596 294,564	18,591	18,125
24	31	98 445	30 524,641	564 220,387	18,484	18,018
25	32	98 367	29 048,158	533 695,745	18,373	17,906
26	33	98 291	27 643,323	504 647,587	18,256	17,789
27	34	98 210	26 305,412	477 004,264	18,133	17,667
28	35	98 125	25 031,036	450 698,852	18,006	17,539
29	36	98 037	23 817,704	425 667,816	17,872	17,406
30	37	97 941	22 661,300	401 850,112	17,733	17,266
31	38	97 839	21 559,835	379 188,812	17,588	17,121
32	39	97 720	20 508,152	357 628,977	17,438	16,972
33	40	97 599	19 507,456	337 120,825	17,282	16,815
34	41	97 461	18 552,206	317 613,369	17,120	16,654
35	42	97 314	17 642,102	299 061,163	16,952	16,485
36	43	97 159	16 775,196	281 419,061	16,776	16,310
37	44	96 987	15 948,151	264 643,865	16,594	16,128
38	45	96 798	15 159,105	248 695,714	16,406	15,939
39	46	96 583	14 405,211	233 536,609	16,212	15,746
40	47	96 358	13 687,281	219 131,398	16,010	15,543
41	48	96 107	13 001,531	205 444,116	15,802	15,335
42	49	95 826	12 346,183	192 442,585	15,587	15,121
43	50	95 521	11 720,804	180 096,402	15,366	14,899
44	51	95 197	11 124,828	168 375,598	15,135	14,669
45	52	94 822	10 553,363	157 250,770	14,901	14,434
46	53	94 416	10 007,733	146 697,407	14,658	14,192
47	54	93 968	9 485,985	136 689,673	14,410	13,943
48	55	93 475	8 986,844	127 203,688	14,154	13,688
49	56	92 924	8 508,467	118 216,845	13,894	13,428
50	57	92 316	8 050,326	109 708,378	13,628	13,161
51	58	91 648	7 611,504	101 658,052	13,356	12,889
52	59	90 912	7 190,803	94 046,548	13,079	12,612
53	60	90 109	6 787,929	86 855,745	12,796	12,329
54	61	89 213	6 400,380	80 067,816	12,510	12,043
55	62	88 234	6 028,720	73 667,436	12,219	11,753
56	63	87 174	5 672,676	67 638,717	11,924	11,457
57	64	86 016	5 330,739	61 966,040	11,624	11,158
58	65	84 747	5 002,009	56 635,301	11,323	10,856
59	66	83 386	4 687,302	51 633,292	11,016	10,549
60	67	81 916	4 385,436	46 945,989	10,705	10,239
61	68	80 342	4 096,330	42 560,553	10,390	9,924
62	69	78 641	3 818,662	38 464,223	10,073	9,606
63	70	76 804	3 551,873	34 645,561	9,754	9,288
64	71	74 852	3 296,769	31 093,688	9,432	8,965
65	72	72 774	3 052,623	27 796,919	9,106	8,640
66	73	70 591	2 820,024	24 744,296	8,774	8,308
67	74	68 279	2 597,780	21 924,272	8,440	7,973
68	75	65 854	2 386,202	19 326,491	8,099	7,633
69	76	63 348	2 186,118	16 940,290	7,749	7,283
70	77	60 674	1 994,135	14 754,171	7,399	6,932
71	78	57 910	1 812,633	12 760,036	7,040	6,573
72	79	54 932	1 637,566	10 947,403	6,685	6,219
73	80	51 814	1 471,040	9 309,837	6,329	5,862
74	81	48 489	1 311,103	7 838,798	5,979	5,512
75	82	44 977	1 158,225	6 527,695	5,636	5,170
76	83	41 319	1 013,347	5 369,469	5,299	4,832
77	84	37 526	876,520	4 356,122	4,970	4,503
78	85	33 653	748,626	3 479,602	4,648	4,182
79	86	29 678	628,751	2 730,976	4,343	3,877
80	87	25 723	519,020	2 102,225	4,050	3,584
81	88	21 846	419,799	1 583,205	3,771	3,305
82	89	18 102	331,296	1 163,406	3,512	3,045
83	90	14 613	254,699	832,110	3,267	2,801
84	91	11 443	189,951	577,411	3,040	2,573
85	92	8 649	136,727	387,460	2,834	2,367
86	93	6 291	94,725	250,733	2,647	2,181
87	94	4 391	62,962	156,008	2,478	2,011
88	95	2 934	40,064	93,045	2,322	1,856
89	96	1 866	24,272	52,981	2,183	1,716
90	97	1 113	13,786	28,710	2,083	1,616
91	98	639	7,533	14,924	1,981	1,515
92	99	351	3,947	7,391	1,873	1,406
93	100	180	1,930	3,444	1,784	1,318

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 620	99 620,233	1 997 498,979	20,051	19,585
1	9	99 258	94 531,849	1 897 878,746	20,077	19,610
2	10	99 225	89 999,941	1 803 346,897	20,037	19,571
3	11	99 204	85 695,836	1 713 346,955	19,993	19,527
4	12	99 185	81 599,880	1 627 651,119	19,947	19,480
5	13	99 167	77 699,791	1 546 051,239	19,898	19,431
6	14	99 148	73 985,396	1 468 351,448	19,847	19,380
7	15	99 129	70 449,380	1 394 366,052	19,792	19,326
8	16	99 109	67 080,705	1 323 916,672	19,736	19,270
9	17	99 086	63 871,517	1 256 835,967	19,678	19,211
10	18	99 064	60 816,866	1 192 964,450	19,616	19,149
11	19	99 037	57 904,825	1 132 147,584	19,552	19,085
12	20	99 012	55 133,546	1 074 242,759	19,484	19,018
13	21	98 987	52 494,817	1 019 109,212	19,414	18,947
14	22	98 961	49 982,027	966 614,395	19,339	18,873
15	23	98 931	47 587,724	916 632,368	19,262	18,796
16	24	98 898	45 306,241	869 044,644	19,182	18,715
17	25	98 856	43 130,361	823 738,402	19,099	18,632
18	26	98 810	41 057,437	780 608,041	19,013	18,546
19	27	98 753	39 079,982	739 550,605	18,924	18,458
20	28	98 693	37 196,224	700 470,623	18,832	18,365
21	29	98 627	35 401,333	663 274,399	18,736	18,269
22	30	98 561	33 693,171	627 873,066	18,635	18,169
23	31	98 485	32 064,005	594 179,895	18,531	18,065
24	32	98 414	30 515,057	562 115,890	18,421	17,955
25	33	98 334	29 038,206	531 600,834	18,307	17,841
26	34	98 255	27 633,362	502 562,628	18,187	17,720
27	35	98 170	26 294,732	474 929,266	18,062	17,595
28	36	98 084	25 020,720	448 634,534	17,931	17,464
29	37	97 992	23 806,783	423 613,813	17,794	17,327
30	38	97 894	22 650,543	399 807,030	17,651	17,185
31	39	97 780	21 546,829	377 156,487	17,504	17,038
32	40	97 661	20 495,823	355 609,657	17,350	16,884
33	41	97 533	19 494,080	335 113,834	17,191	16,724
34	42	97 389	18 538,473	315 619,754	17,025	16,559
35	43	97 237	17 628,098	297 081,281	16,853	16,386
36	44	97 071	16 759,963	279 453,183	16,674	16,207
37	45	96 893	15 932,672	262 693,220	16,488	16,021
38	46	96 687	15 141,638	246 760,549	16,297	15,830
39	47	96 466	14 387,673	231 618,910	16,098	15,632
40	48	96 226	13 668,526	217 231,237	15,893	15,426
41	49	95 954	12 980,806	203 562,711	15,682	15,215
42	50	95 658	12 324,601	190 581,905	15,464	14,997
43	51	95 344	11 699,083	178 257,304	15,237	14,770
44	52	94 993	11 100,991	166 558,221	15,004	14,538
45	53	94 601	10 528,743	155 457,230	14,765	14,299
46	54	94 173	9 982,037	144 928,488	14,519	14,053
47	55	93 696	9 458,583	134 946,451	14,267	13,801
48	56	93 171	8 957,677	125 487,868	14,009	13,543
49	57	92 591	8 478,032	116 530,191	13,745	13,279
50	58	91 954	8 018,735	108 052,158	13,475	13,009
51	59	91 250	7 578,398	100 033,423	13,200	12,733
52	60	90 484	7 156,961	92 455,025	12,918	12,452
53	61	89 634	6 752,116	85 298,064	12,633	12,166
54	62	88 706	6 363,988	78 545,948	12,342	11,876
55	63	87 693	5 991,737	72 181,960	12,047	11,581
56	64	86 586	5 634,392	66 190,223	11,748	11,281
57	65	85 373	5 290,904	60 555,831	11,445	10,979
58	66	84 071	4 962,141	55 264,927	11,137	10,671
59	67	82 655	4 646,232	50 302,786	10,827	10,360
60	68	81 140	4 343,852	45 656,554	10,511	10,044
61	69	79 501	4 053,460	41 312,702	10,192	9,726
62	70	77 732	3 774,539	37 259,242	9,871	9,405
63	71	75 836	3 507,123	33 484,703	9,548	9,081
64	72	73 826	3 251,597	29 977,580	9,219	8,753
65	73	71 696	3 007,403	26 725,982	8,887	8,420
66	74	69 432	2 773,730	23 718,580	8,551	8,085
67	75	67 060	2 551,428	20 944,849	8,209	7,743
68	76	64 587	2 340,312	18 393,422	7,859	7,393
69	77	61 982	2 138,973	16 053,110	7,505	7,039
70	78	59 231	1 946,682	13 914,137	7,148	6,681
71	79	56 320	1 762,880	11 967,456	6,789	6,322
72	80	53 207	1 586,122	10 204,575	6,434	5,967
73	81	49 924	1 417,403	8 618,453	6,080	5,614
74	82	46 420	1 255,153	7 201,050	5,737	5,271
75	83	42 756	1 101,033	5 945,896	5,400	4,934
76	84	38 975	955,879	4 844,863	5,068	4,602
77	85	35 081	819,403	3 888,984	4,746	4,280
78	86	31 092	691,637	3 069,581	4,438	3,972
79	87	27 091	573,937	2 377,944	4,143	3,677
80	88	23 152	467,147	1 804,007	3,862	3,395
81	89	19 351	371,857	1 336,861	3,595	3,129
82	90	15 758	288,387	965,004	3,346	2,880
83	91	12 458	217,137	676,617	3,116	2,650
84	92	9 525	158,108	459,479	2,906	2,440
85	93	7 027	111,091	301,371	2,713	2,246
86	94	4 977	74,930	190,281	2,539	2,073
87	95	3 380	48,470	115,350	2,380	1,913
88	96	2 192	29,937	66,880	2,234	1,768
89	97	1 333	17,338	36,943	2,131	1,664
90	98	780	9,664	19,605	2,029	1,562
91	99	439	5,174	9,941	1,921	1,455
92	100	233	2,617	4,767	1,822	1,355

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 613	99 613,291	1 995 043,001	20,028	19,561
1	10	99 252	94 526,067	1 895 429,710	20,052	19,586
2	11	99 219	89 994,677	1 800 903,644	20,011	19,545
3	12	99 196	85 689,209	1 710 908,967	19,966	19,500
4	13	99 177	81 593,473	1 625 219,757	19,919	19,452
5	14	99 157	77 692,470	1 543 626,285	19,868	19,402
6	15	99 138	73 978,574	1 465 933,814	19,816	19,349
7	16	99 117	70 440,808	1 391 955,240	19,761	19,294
8	17	99 094	67 070,828	1 321 514,432	19,703	19,237
9	18	99 072	63 862,820	1 254 443,604	19,643	19,176
10	19	99 045	60 804,885	1 190 580,784	19,580	19,114
11	20	99 020	57 894,704	1 129 775,900	19,514	19,048
12	21	98 994	55 123,353	1 071 881,195	19,445	18,979
13	22	98 970	52 486,161	1 016 757,842	19,372	18,906
14	23	98 945	49 973,890	964 271,681	19,296	18,829
15	24	98 914	47 579,160	914 297,791	19,216	18,750
16	25	98 880	45 298,089	866 718,632	19,134	18,667
17	26	98 837	43 122,157	821 420,542	19,049	18,582
18	27	98 791	41 049,710	778 298,386	18,960	18,493
19	28	98 732	39 071,572	737 248,676	18,869	18,403
20	29	98 669	37 187,459	698 177,104	18,775	18,308
21	30	98 601	35 392,172	660 989,645	18,676	18,210
22	31	98 530	33 682,486	625 597,473	18,573	18,107
23	32	98 454	32 053,937	591 914,987	18,466	18,000
24	33	98 380	30 504,601	559 861,050	18,353	17,887
25	34	98 298	29 027,742	529 356,449	18,236	17,770
26	35	98 215	27 622,143	500 328,706	18,113	17,647
27	36	98 130	26 283,895	472 706,563	17,985	17,518
28	37	98 039	25 009,248	446 422,668	17,850	17,384
29	38	97 945	23 795,483	421 413,420	17,710	17,243
30	39	97 835	22 636,879	397 617,937	17,565	17,099
31	40	97 722	21 533,877	374 981,057	17,414	16,947
32	41	97 594	20 481,769	353 447,181	17,257	16,790
33	42	97 460	19 479,649	332 965,411	17,093	16,627
34	43	97 312	18 523,758	313 485,762	16,923	16,457
35	44	97 149	17 612,091	294 962,004	16,748	16,281
36	45	96 976	16 743,696	277 349,914	16,564	16,098
37	46	96 781	15 914,314	260 606,218	16,376	15,909
38	47	96 569	15 123,203	244 691,904	16,180	15,713
39	48	96 334	14 367,957	229 568,701	15,978	15,511
40	49	96 073	13 646,737	215 200,743	15,769	15,303
41	50	95 786	12 958,115	201 554,006	15,554	15,088
42	51	95 481	12 301,761	188 595,891	15,331	14,864
43	52	95 139	11 674,016	176 294,130	15,101	14,635
44	53	94 771	11 075,093	164 620,114	14,864	14,398
45	54	94 358	10 501,708	153 545,022	14,621	14,155
46	55	93 901	9 953,202	143 043,314	14,372	13,905
47	56	93 392	9 427,886	133 090,112	14,117	13,650
48	57	92 838	8 925,636	123 662,226	13,855	13,388
49	58	92 228	8 444,763	114 736,590	13,587	13,120
50	59	91 554	7 983,858	106 291,827	13,313	12,847
51	60	90 820	7 542,732	98 307,969	13,033	12,567
52	61	90 007	7 119,201	90 765,237	12,749	12,283
53	62	89 124	6 713,725	83 646,036	12,459	11,993
54	63	88 162	6 324,949	76 932,312	12,163	11,697
55	64	87 101	5 951,299	70 607,363	11,864	11,398
56	65	85 939	5 592,288	64 656,064	11,562	11,095
57	66	84 692	5 248,734	59 063,776	11,253	10,787
58	67	83 335	4 918,662	53 815,042	10,941	10,475
59	68	81 871	4 602,175	48 896,380	10,625	10,158
60	69	80 290	4 298,391	44 294,205	10,305	9,838
61	70	78 582	4 006,623	39 995,814	9,982	9,516
62	71	76 753	3 726,984	35 989,191	9,656	9,190
63	72	74 797	3 459,070	32 262,206	9,327	8,860
64	73	72 733	3 203,430	28 803,136	8,991	8,525
65	74	70 519	2 958,033	25 599,707	8,654	8,188
66	75	68 193	2 724,238	22 641,674	8,311	7,845
67	76	65 771	2 502,360	19 917,436	7,959	7,493
68	77	63 194	2 289,841	17 415,076	7,605	7,139
69	78	60 507	2 088,073	15 125,235	7,244	6,777
70	79	57 605	1 893,249	13 037,162	6,886	6,420
71	80	54 551	1 707,500	11 143,913	6,526	6,060
72	81	51 267	1 528,290	9 436,413	6,174	5,708
73	82	47 794	1 356,917	7 908,123	5,828	5,362
74	83	44 128	1 193,175	6 551,206	5,491	5,024
75	84	40 331	1 038,592	5 358,031	5,159	4,693
76	85	36 436	893,591	4 319,439	4,834	4,367
77	86	32 411	757,027	3 425,848	4,525	4,059
78	87	28 381	631,340	2 668,821	4,227	3,761
79	88	24 383	516,574	2 037,481	3,944	3,478
80	89	20 508	413,798	1 520,907	3,675	3,209
81	90	16 845	323,695	1 107,109	3,420	2,954
82	91	13 434	245,857	783,415	3,186	2,720
83	92	10 370	180,737	537,558	2,974	2,508
84	93	7 739	128,463	356,820	2,778	2,311
85	94	5 559	87,875	228,357	2,599	2,132
86	95	3 831	57,684	140,482	2,435	1,969
87	96	2 526	36,218	82,798	2,286	1,820
88	97	1 566	21,385	46,580	2,178	1,712
89	98	934	12,154	25,195	2,073	1,607
90	99	536	6,638	13,041	1,965	1,498
91	100	291	3,431	6,403	1,866	1,400

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 607	99 607,197	1 992 416,149	20,003	19,536
1	11	99 247	94 520,538	1 892 808,952	20,025	19,559
2	12	99 211	89 987,718	1 798 288,414	19,984	19,517
3	13	99 188	85 682,481	1 708 300,696	19,938	19,471
4	14	99 168	81 585,786	1 622 618,216	19,888	19,422
5	15	99 148	77 685,307	1 541 032,430	19,837	19,370
6	16	99 126	73 969,573	1 463 347,123	19,783	19,317
7	17	99 103	70 430,436	1 389 377,550	19,727	19,261
8	18	99 081	67 061,696	1 318 947,114	19,668	19,201
9	19	99 053	63 850,238	1 251 885,418	19,607	19,140
10	20	99 027	60 794,256	1 188 035,181	19,542	19,075
11	21	99 001	57 884,001	1 127 240,924	19,474	19,008
12	22	98 977	55 114,263	1 069 356,924	19,403	18,936
13	23	98 954	52 477,616	1 014 242,660	19,327	18,861
14	24	98 927	49 964,896	961 765,044	19,249	18,782
15	25	98 896	47 570,599	911 800,148	19,167	18,701
16	26	98 861	45 289,472	864 229,550	19,082	18,616
17	27	98 818	43 114,041	818 940,077	18,995	18,528
18	28	98 770	41 040,877	775 826,036	18,904	18,437
19	29	98 709	39 062,365	734 785,159	18,811	18,344
20	30	98 644	37 177,836	695 722,794	18,713	18,247
21	31	98 570	35 380,948	658 544,958	18,613	18,147
22	32	98 499	33 671,909	623 164,010	18,507	18,041
23	33	98 421	32 042,954	589 492,100	18,397	17,931
24	34	98 345	30 493,610	557 449,146	18,281	17,814
25	35	98 258	29 015,957	526 955,537	18,161	17,694
26	36	98 175	27 610,759	497 939,580	18,034	17,568
27	37	98 085	26 271,844	470 328,820	17,902	17,436
28	38	97 993	24 997,377	444 056,976	17,764	17,298
29	39	97 886	23 781,129	419 059,599	17,622	17,155
30	40	97 776	22 623,271	395 278,470	17,472	17,006
31	41	97 655	21 519,111	372 655,199	17,317	16,851
32	42	97 522	20 466,608	351 136,088	17,157	16,690
33	43	97 383	19 464,187	330 669,481	16,989	16,522
34	44	97 223	18 506,937	311 205,293	16,816	16,349
35	45	97 054	17 594,997	292 698,357	16,635	16,169
36	46	96 865	16 724,404	275 103,360	16,449	15,983
37	47	96 664	15 894,938	258 378,956	16,255	15,789
38	48	96 437	15 102,480	242 484,019	16,056	15,590
39	49	96 180	14 345,054	227 381,539	15,851	15,384
40	50	95 905	13 622,882	213 036,484	15,638	15,172
41	51	95 609	12 934,101	199 413,602	15,418	14,951
42	52	95 277	12 275,402	186 479,502	15,191	14,725
43	53	94 917	11 646,780	174 204,100	14,957	14,491
44	54	94 528	11 046,656	162 557,319	14,716	14,249
45	55	94 085	10 471,372	151 510,664	14,469	14,003
46	56	93 596	9 920,899	141 039,292	14,216	13,750
47	57	93 058	9 394,162	131 118,393	13,957	13,491
48	58	92 474	8 890,611	121 724,230	13,691	13,225
49	59	91 827	8 408,034	112 833,620	13,420	12,953
50	60	91 123	7 946,283	104 425,586	13,141	12,675
51	61	90 341	7 502,937	96 479,303	12,859	12,392
52	62	89 495	7 078,722	88 976,366	12,570	12,103
53	63	88 578	6 672,540	81 897,644	12,274	11,807
54	64	87 567	6 282,262	75 225,105	11,974	11,508
55	65	86 450	5 906,827	68 942,842	11,672	11,205
56	66	85 254	5 547,715	63 036,015	11,363	10,896
57	67	83 950	5 202,744	57 488,300	11,050	10,583
58	68	82 545	4 872,022	52 285,557	10,732	10,265
59	69	81 014	4 554,010	47 413,535	10,411	9,945
60	70	79 363	4 248,725	42 859,524	10,088	9,621
61	71	77 592	3 956,145	38 610,799	9,760	9,293
62	72	75 701	3 675,918	34 654,655	9,427	8,961
63	73	73 689	3 407,828	30 978,737	9,090	8,624
64	74	71 539	3 150,842	27 570,908	8,750	8,284
65	75	69 261	2 905,252	24 420,067	8,405	7,939
66	76	66 881	2 671,847	21 514,814	8,052	7,586
67	77	64 352	2 448,395	18 842,967	7,696	7,230
68	78	61 690	2 235,351	16 394,573	7,334	6,868
69	79	58 846	2 030,759	14 159,222	6,972	6,506
70	80	55 795	1 833,774	12 128,463	6,614	6,148
71	81	52 562	1 645,242	10 294,689	6,257	5,791
72	82	49 079	1 463,072	8 649,447	5,912	5,445
73	83	45 434	1 289,914	7 186,375	5,571	5,105
74	84	41 625	1 125,508	5 896,461	5,239	4,773
75	85	37 703	970,914	4 770,953	4,914	4,447
76	86	33 662	825,567	3 800,038	4,603	4,137
77	87	29 585	691,029	2 974,472	4,304	3,838
78	88	25 545	568,240	2 283,443	4,018	3,552
79	89	21 598	457,580	1 715,202	3,748	3,282
80	90	17 852	360,203	1 257,622	3,491	3,025
81	91	14 361	275,958	897,419	3,252	2,786
82	92	11 182	204,643	621,461	3,037	2,570
83	93	8 425	146,849	416,818	2,838	2,372
84	94	6 122	101,617	269,969	2,657	2,190
85	95	4 279	67,650	168,352	2,489	2,022
86	96	2 863	43,103	100,702	2,336	1,870
87	97	1 804	25,872	57,600	2,226	1,760
88	98	1 098	14,991	31,727	2,116	1,650
89	99	642	8,348	16,737	2,005	1,538
90	100	355	4,401	8,388	1,906	1,440

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 601	99 601,371	1 989 609,064	19,976	19,509
1	12	99 239	94 513,229	1 890 007,694	19,997	19,531
2	13	99 204	89 980,652	1 795 494,465	19,954	19,488
3	14	99 179	85 674,408	1 705 513,813	19,907	19,441
4	15	99 159	81 578,263	1 619 839,405	19,856	19,390
5	16	99 136	77 675,855	1 538 261,142	19,804	19,337
6	17	99 112	73 958,681	1 460 585,287	19,749	19,282
7	18	99 089	70 420,846	1 386 626,606	19,691	19,224
8	19	99 061	67 048,483	1 316 205,760	19,631	19,164
9	20	99 035	63 839,077	1 249 157,277	19,567	19,101
10	21	99 009	60 783,017	1 185 318,199	19,501	19,034
11	22	98 985	57 874,456	1 124 535,183	19,431	18,964
12	23	98 961	55 105,290	1 066 660,727	19,357	18,890
13	24	98 937	52 468,172	1 011 555,437	19,279	18,813
14	25	98 909	49 955,906	959 087,265	19,199	18,732
15	26	98 877	47 561,549	909 131,359	19,115	18,648
16	27	98 843	45 280,949	861 569,809	19,027	18,561
17	28	98 797	43 104,764	816 288,860	18,937	18,471
18	29	98 746	41 031,206	773 184,097	18,844	18,377
19	30	98 683	39 052,257	732 152,891	18,748	18,282
20	31	98 613	37 166,045	693 100,634	18,649	18,182
21	32	98 539	35 369,839	655 934,588	18,545	18,079
22	33	98 465	33 660,372	620 564,749	18,436	17,970
23	34	98 385	32 031,408	586 904,377	18,323	17,856
24	35	98 305	30 481,229	554 872,969	18,204	17,737
25	36	98 218	29 003,999	524 391,740	18,080	17,614
26	37	98 130	27 598,100	495 387,741	17,950	17,484
27	38	98 038	26 259,374	467 789,641	17,814	17,348
28	39	97 934	24 982,298	441 530,267	17,674	17,207
29	40	97 828	23 766,833	416 547,969	17,526	17,060
30	41	97 709	22 607,758	392 781,137	17,374	16,907
31	42	97 582	21 503,181	370 173,379	17,215	16,748
32	43	97 445	20 450,362	348 670,197	17,050	16,583
33	44	97 295	19 446,512	328 219,835	16,878	16,412
34	45	97 129	18 488,974	308 773,323	16,700	16,234
35	46	96 942	17 574,723	290 284,348	16,517	16,051
36	47	96 747	16 704,041	272 709,625	16,326	15,860
37	48	96 531	15 873,157	256 005,584	16,128	15,662
38	49	96 283	15 078,406	240 132,427	15,926	15,459
39	50	96 012	14 319,978	225 054,021	15,716	15,250
40	51	95 727	13 597,636	210 734,043	15,498	15,031
41	52	95 404	12 906,387	197 136,407	15,274	14,808
42	53	95 054	12 246,764	184 230,020	15,043	14,577
43	54	94 674	11 616,875	171 983,256	14,805	14,338
44	55	94 255	11 014,745	160 366,381	14,559	14,093
45	56	93 780	10 437,388	149 351,636	14,309	13,843
46	57	93 262	9 885,412	138 914,248	14,052	13,586
47	58	92 693	9 357,298	129 028,836	13,789	13,323
48	59	92 071	8 851,942	119 671,538	13,519	13,053
49	60	91 395	8 368,462	110 819,596	13,243	12,776
50	61	90 642	7 904,359	102 451,133	12,961	12,495
51	62	89 827	7 460,276	94 546,774	12,673	12,207
52	63	88 946	7 035,298	87 086,498	12,379	11,912
53	64	87 980	6 627,507	80 051,201	12,079	11,612
54	65	86 912	6 235,317	73 423,693	11,775	11,309
55	66	85 761	5 859,747	67 188,376	11,466	11,000
56	67	84 507	5 499,105	61 328,629	11,152	10,686
57	68	83 154	5 153,410	55 829,524	10,834	10,367
58	69	81 681	4 821,033	50 676,114	10,511	10,045
59	70	80 078	4 501,391	45 855,081	10,187	9,720
60	71	78 363	4 195,196	41 353,690	9,857	9,391
61	72	76 529	3 901,939	37 158,494	9,523	9,057
62	73	74 580	3 621,465	33 256,556	9,183	8,717
63	74	72 479	3 351,885	29 635,091	8,841	8,375
64	75	70 262	3 094,621	26 283,206	8,493	8,027
65	76	67 929	2 849,380	23 188,585	8,138	7,672
66	77	65 439	2 614,226	20 339,205	7,780	7,314
67	78	62 821	2 390,131	17 724,979	7,416	6,949
68	79	59 997	2 173,995	15 334,848	7,054	6,587
69	80	56 998	1 966,964	13 160,853	6,691	6,225
70	81	53 761	1 766,911	11 193,889	6,335	5,869
71	82	50 319	1 575,033	9 426,978	5,985	5,519
72	83	46 655	1 390,827	7 851,944	5,646	5,179
73	84	42 857	1 216,761	6 461,117	5,310	4,844
74	85	38 913	1 052,167	5 244,356	4,984	4,518
75	86	34 833	897,004	4 192,189	4,674	4,207
76	87	30 727	753,594	3 295,186	4,373	3,906
77	88	26 628	621,964	2 541,592	4,086	3,620
78	89	22 627	503,346	1 919,628	3,814	3,347
79	90	18 801	398,315	1 416,282	3,556	3,089
80	91	15 219	307,082	1 017,966	3,315	2,849
81	92	11 953	229,698	710,884	3,095	2,628
82	93	9 085	166,272	481,187	2,894	2,428
83	94	6 665	116,161	314,915	2,711	2,245
84	95	4 713	78,229	198,754	2,541	2,074
85	96	3 197	50,549	120,525	2,384	1,918
86	97	2 045	30,790	69,976	2,273	1,806
87	98	1 265	18,136	39,186	2,161	1,694
88	99	754	10,297	21,050	2,044	1,578
89	100	426	5,535	10,753	1,943	1,476

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 594	99 593,669	1 986 612,694	19,947	19,481
1	13	99 231	94 505,807	1 887 019,025	19,967	19,501
2	14	99 194	89 972,174	1 792 513,218	19,923	19,457
3	15	99 170	85 666,509	1 702 541,044	19,874	19,408
4	16	99 147	81 568,337	1 616 874,535	19,822	19,356
5	17	99 122	77 664,417	1 535 306,198	19,768	19,302
6	18	99 098	73 948,611	1 457 641,780	19,712	19,245
7	19	99 070	70 406,972	1 383 693,169	19,653	19,186
8	20	99 044	67 036,764	1 313 286,197	19,591	19,124
9	21	99 017	63 827,275	1 246 249,433	19,525	19,059
10	22	98 993	60 772,994	1 182 422,159	19,456	18,990
11	23	98 969	57 865,033	1 121 649,165	19,384	18,917
12	24	98 943	55 095,373	1 063 784,131	19,308	18,842
13	25	98 919	52 458,731	1 008 688,758	19,228	18,762
14	26	98 890	49 946,403	956 230,027	19,145	18,679
15	27	98 858	47 552,599	906 283,624	19,059	18,592
16	28	98 821	45 271,205	858 731,026	18,969	18,502
17	29	98 774	43 094,606	813 459,821	18,876	18,410
18	30	98 721	41 020,588	770 365,214	18,780	18,314
19	31	98 652	39 039,873	729 344,626	18,682	18,216
20	32	98 582	37 154,375	690 304,753	18,579	18,113
21	33	98 505	35 357,720	653 150,378	18,473	18,006
22	34	98 430	33 648,244	617 792,658	18,360	17,894
23	35	98 345	32 018,404	584 144,414	18,244	17,778
24	36	98 264	30 468,667	552 126,011	18,121	17,655
25	37	98 173	28 990,700	521 657,344	17,994	17,528
26	38	98 083	27 585,000	492 666,643	17,860	17,394
27	39	97 979	26 243,533	465 081,643	17,722	17,255
28	40	97 875	24 967,280	438 838,111	17,577	17,110
29	41	97 760	23 750,536	413 870,831	17,426	16,959
30	42	97 637	22 591,023	390 120,295	17,269	16,802
31	43	97 505	21 486,113	367 529,272	17,105	16,639
32	44	97 356	20 431,792	346 043,159	16,937	16,470
33	45	97 200	19 427,638	325 611,368	16,760	16,294
34	46	97 017	18 467,671	306 183,730	16,579	16,113
35	47	96 824	17 553,326	287 716,059	16,391	15,925
36	48	96 614	16 681,152	270 162,733	16,196	15,729
37	49	96 377	15 847,854	253 481,582	15,995	15,528
38	50	96 115	15 052,048	237 633,727	15,787	15,321
39	51	95 834	14 293,440	222 581,679	15,572	15,106
40	52	95 522	13 568,500	208 288,239	15,351	14,884
41	53	95 181	12 876,277	194 719,739	15,122	14,656
42	54	94 810	12 215,318	181 843,462	14,887	14,420
43	55	94 400	11 583,318	169 628,144	14,644	14,178
44	56	93 949	10 978,997	158 044,826	14,395	13,929
45	57	93 445	10 400,054	147 065,829	14,141	13,674
46	58	92 896	9 846,621	136 665,775	13,879	13,413
47	59	92 290	9 316,600	126 819,155	13,612	13,146
48	60	91 638	8 810,281	117 502,555	13,337	12,871
49	61	90 913	8 324,311	108 692,274	13,057	12,591
50	62	90 127	7 859,416	100 367,963	12,770	12,304
51	63	89 276	7 414,511	92 508,547	12,477	12,010
52	64	88 346	6 987,817	85 094,036	12,177	11,711
53	65	87 322	6 577,982	78 106,218	11,874	11,407
54	66	86 219	6 185,619	71 528,236	11,564	11,097
55	67	85 010	5 808,403	65 342,618	11,250	10,783
56	68	83 706	5 446,962	59 534,214	10,930	10,463
57	69	82 284	5 099,476	54 087,253	10,606	10,140
58	70	80 737	4 765,328	48 987,777	10,280	9,814
59	71	79 070	4 444,679	44 222,448	9,950	9,483
60	72	77 289	4 137,714	39 777,770	9,613	9,147
61	73	75 396	3 844,137	35 640,056	9,271	8,805
62	74	73 355	3 562,014	31 795,919	8,926	8,460
63	75	71 186	3 292,077	28 233,905	8,576	8,110
64	76	68 911	3 035,107	24 941,828	8,218	7,751
65	77	66 464	2 787,931	21 906,721	7,858	7,391
66	78	63 882	2 552,017	19 118,791	7,492	7,025
67	79	61 097	2 324,527	16 566,774	7,127	6,661
68	80	58 112	2 105,700	14 242,247	6,764	6,297
69	81	54 920	1 895,246	12 136,547	6,404	5,937
70	82	51 467	1 691,510	10 241,302	6,055	5,588
71	83	47 834	1 497,260	8 549,791	5,710	5,244
72	84	44 010	1 311,951	7 052,531	5,376	4,909
73	85	40 065	1 137,473	5 740,580	5,047	4,580
74	86	35 951	972,071	4 603,107	4,735	4,269
75	87	31 796	818,803	3 631,036	4,435	3,968
76	88	27 656	678,275	2 812,233	4,146	3,680
77	89	23 587	550,934	2 133,958	3,873	3,407
78	90	19 697	438,154	1 583,023	3,613	3,147
79	91	16 028	339,573	1 144,869	3,371	2,905
80	92	12 668	255,604	805,296	3,151	2,684
81	93	9 712	186,629	549,691	2,945	2,479
82	94	7 187	131,525	363,063	2,760	2,294
83	95	5 131	89,425	231,537	2,589	2,123
84	96	3 521	58,454	142,112	2,431	1,965
85	97	2 284	36,110	83,658	2,317	1,850
86	98	1 434	21,583	47,548	2,203	1,737
87	99	869	12,457	25,965	2,084	1,618
88	100	500	6,827	13,508	1,979	1,512

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 586	99 585,848	1 983 419,926	19,917	19,450
1	14	99 222	94 496,903	1 883 834,078	19,935	19,469
2	15	99 185	89 963,878	1 789 337,175	19,890	19,423
3	16	99 158	85 656,086	1 699 373,296	19,839	19,373
4	17	99 132	81 556,327	1 613 717,211	19,787	19,320
5	18	99 108	77 653,842	1 532 160,884	19,731	19,264
6	19	99 079	73 934,042	1 454 507,041	19,673	19,207
7	20	99 052	70 394,666	1 380 573,000	19,612	19,145
8	21	99 026	67 024,370	1 310 178,334	19,548	19,081
9	22	99 001	63 816,750	1 243 153,964	19,480	19,014
10	23	98 977	60 763,100	1 179 337,214	19,409	18,942
11	24	98 951	57 854,620	1 118 574,115	19,334	18,868
12	25	98 926	55 085,460	1 060 719,495	19,256	18,789
13	26	98 900	52 448,752	1 005 634,035	19,174	18,707
14	27	98 872	49 937,003	953 185,283	19,088	18,621
15	28	98 837	47 542,366	903 248,280	18,999	18,532
16	29	98 798	45 260,538	855 705,914	18,906	18,440
17	30	98 748	43 083,455	810 445,377	18,811	18,345
18	31	98 690	41 007,579	767 361,922	18,713	18,246
19	32	98 621	39 027,614	726 354,342	18,611	18,145
20	33	98 548	37 141,645	687 326,728	18,506	18,039
21	34	98 470	35 344,980	650 185,083	18,395	17,929
22	35	98 390	33 634,583	614 840,104	18,280	17,814
23	36	98 305	32 005,208	581 205,521	18,160	17,693
24	37	98 219	30 454,697	549 200,313	18,033	17,567
25	38	98 126	28 976,940	518 745,616	17,902	17,436
26	39	98 024	27 568,359	489 768,677	17,766	17,299
27	40	97 920	26 227,756	462 200,317	17,623	17,156
28	41	97 808	24 950,160	435 972,561	17,474	17,007
29	42	97 688	23 732,954	411 022,401	17,319	16,852
30	43	97 560	22 573,091	387 289,447	17,157	16,691
31	44	97 416	21 466,602	364 716,356	16,990	16,524
32	45	97 262	20 411,961	343 249,754	16,816	16,350
33	46	97 088	19 405,253	322 837,793	16,637	16,170
34	47	96 899	18 445,186	303 432,540	16,451	15,984
35	48	96 692	17 529,272	284 987,354	16,258	15,791
36	49	96 460	16 654,561	267 458,081	16,059	15,593
37	50	96 209	15 820,151	250 803,520	15,853	15,387
38	51	95 936	15 024,153	234 983,369	15,640	15,174
39	52	95 629	14 262,814	219 959,216	15,422	14,955
40	53	95 299	13 536,846	205 696,402	15,195	14,729
41	54	94 937	12 843,215	192 159,556	14,962	14,496
42	55	94 536	12 180,032	179 316,342	14,722	14,256
43	56	94 094	11 545,725	167 136,310	14,476	14,010
44	57	93 613	10 939,726	155 590,585	14,223	13,756
45	58	93 078	10 359,242	144 650,859	13,963	13,497
46	59	92 492	9 803,794	134 291,617	13,698	13,232
47	60	91 856	9 272,752	124 487,823	13,425	12,959
48	61	91 155	8 763,799	115 215,071	13,147	12,680
49	62	90 396	8 276,980	106 451,272	12,861	12,395
50	63	89 574	7 811,203	98 174,293	12,568	12,102
51	64	88 674	7 364,471	90 363,090	12,270	11,804
52	65	87 685	6 935,600	82 998,618	11,967	11,501
53	66	86 626	6 525,553	76 063,019	11,656	11,190
54	67	85 464	6 131,420	69 537,466	11,341	10,875
55	68	84 204	5 753,327	63 406,046	11,021	10,554
56	69	82 830	5 389,956	57 652,720	10,696	10,230
57	70	81 333	5 040,554	52 262,764	10,368	9,902
58	71	79 720	4 705,291	47 222,211	10,036	9,570
59	72	77 986	4 383,779	42 516,920	9,699	9,232
60	73	76 144	4 076,420	38 133,141	9,355	8,888
61	74	74 158	3 781,031	34 056,721	9,007	8,541
62	75	72 047	3 498,456	30 275,690	8,654	8,188
63	76	69 817	3 228,765	26 777,234	8,293	7,827
64	77	67 425	2 969,652	23 548,469	7,930	7,463
65	78	64 882	2 721,588	20 578,817	7,561	7,095
66	79	62 128	2 481,969	17 857,229	7,195	6,728
67	80	59 177	2 251,503	15 375,260	6,829	6,362
68	81	55 994	2 028,923	13 123,757	6,468	6,002
69	82	52 576	1 814,368	11 094,834	6,115	5,649
70	83	48 925	1 607,985	9 280,466	5,771	5,305
71	84	45 121	1 412,348	7 672,480	5,432	4,966
72	85	41 142	1 226,460	6 260,132	5,104	4,638
73	86	37 015	1 050,883	5 033,672	4,790	4,324
74	87	32 816	887,326	3 982,789	4,489	4,022
75	88	28 618	736,967	3 095,463	4,200	3,734
76	89	24 498	600,815	2 358,495	3,925	3,459
77	90	20 532	479,578	1 757,681	3,665	3,199
78	91	16 792	373,537	1 278,102	3,422	2,955
79	92	13 341	282,649	904,565	3,200	2,734
80	93	10 293	207,678	621,916	2,995	2,528
81	94	7 683	147,628	414,238	2,806	2,340
82	95	5 533	101,253	266,610	2,633	2,167
83	96	3 834	66,820	165,357	2,475	2,008
84	97	2 516	41,757	98,537	2,360	1,893
85	98	1 601	25,312	56,780	2,243	1,777
86	99	985	14,825	31,468	2,123	1,656
87	100	576	8,260	16,643	2,015	1,549

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,466	1 980 021,561	19,884	19,418
1	15	99 213	94 488,190	1 880 445,095	19,901	19,435
2	16	99 173	89 952,932	1 785 956,905	19,854	19,388
3	17	99 143	85 643,473	1 696 003,973	19,803	19,337
4	18	99 119	81 545,222	1 610 360,500	19,748	19,282
5	19	99 089	77 638,543	1 528 815,278	19,691	19,225
6	20	99 061	73 921,119	1 451 176,735	19,631	19,165
7	21	99 034	70 381,651	1 377 255,616	19,568	19,102
8	22	99 009	67 013,318	1 306 873,964	19,502	19,035
9	23	98 985	63 806,360	1 239 860,647	19,432	18,965
10	24	98 959	60 752,164	1 176 054,287	19,358	18,892
11	25	98 933	57 844,209	1 115 302,122	19,281	18,815
12	26	98 907	55 074,981	1 057 457,913	19,200	18,734
13	27	98 881	52 438,881	1 002 382,932	19,115	18,649
14	28	98 851	49 926,257	949 944,051	19,027	18,561
15	29	98 814	47 531,163	900 017,793	18,935	18,469
16	30	98 773	45 248,825	852 486,630	18,840	18,374
17	31	98 717	43 069,792	807 237,805	18,743	18,276
18	32	98 659	40 994,703	764 168,013	18,641	18,174
19	33	98 587	39 014,242	723 173,310	18,536	18,070
20	34	98 512	37 128,262	684 159,068	18,427	17,961
21	35	98 430	35 330,630	647 030,806	18,314	17,847
22	36	98 349	33 620,721	611 700,176	18,194	17,728
23	37	98 260	31 990,533	578 079,456	18,070	17,604
24	38	98 173	30 440,241	546 088,922	17,940	17,473
25	39	98 067	28 959,459	515 648,681	17,806	17,339
26	40	97 965	27 551,787	486 689,221	17,665	17,198
27	41	97 853	26 209,772	459 137,435	17,518	17,051
28	42	97 735	24 931,690	432 927,662	17,365	16,898
29	43	97 611	23 714,116	407 995,972	17,205	16,738
30	44	97 471	22 552,593	384 281,856	17,039	16,573
31	45	97 322	21 445,767	361 729,263	16,867	16,401
32	46	97 150	20 388,442	340 283,496	16,690	16,224
33	47	96 970	19 381,627	319 895,054	16,505	16,039
34	48	96 766	18 419,911	300 513,428	16,315	15,848
35	49	96 538	17 501,330	282 093,517	16,118	15,652
36	50	96 292	16 625,448	264 592,187	15,915	15,448
37	51	96 030	15 790,833	247 966,740	15,703	15,237
38	52	95 731	14 991,961	232 175,906	15,487	15,020
39	53	95 406	14 229,539	217 183,945	15,263	14,796
40	54	95 055	13 502,087	202 954,406	15,031	14,565
41	55	94 663	12 806,114	189 452,319	14,794	14,327
42	56	94 230	12 140,502	176 646,205	14,550	14,084
43	57	93 757	11 504,426	164 505,702	14,299	13,833
44	58	93 246	10 896,797	153 001,276	14,041	13,575
45	59	92 673	10 314,186	142 104,479	13,778	13,311
46	60	92 056	9 757,654	131 790,293	13,506	13,040
47	61	91 371	9 223,830	122 032,640	13,230	12,764
48	62	90 636	8 713,969	112 808,810	12,946	12,479
49	63	89 841	8 226,205	104 094,841	12,654	12,188
50	64	88 970	7 758,486	95 868,636	12,357	11,890
51	65	88 011	7 309,439	88 110,151	12,054	11,588
52	66	86 987	6 880,320	80 800,711	11,744	11,277
53	67	85 867	6 468,375	73 920,392	11,428	10,962
54	68	84 654	6 073,280	67 452,017	11,106	10,640
55	69	83 322	5 693,114	61 378,736	10,781	10,315
56	70	81 873	5 327,677	55 685,622	10,452	9,986
57	71	80 309	4 977,049	50 357,945	10,118	9,652
58	72	78 627	4 640,820	45 380,897	9,779	9,312
59	73	76 831	4 318,839	40 740,077	9,433	8,967
60	74	74 894	4 009,501	36 421,238	9,084	8,617
61	75	72 835	3 713,565	32 411,737	8,728	8,262
62	76	70 661	3 431,176	28 698,171	8,364	7,898
63	77	68 312	3 159,134	25 266,995	7,998	7,532
64	78	65 820	2 898,985	22 107,861	7,626	7,160
65	79	63 101	2 646,885	19 208,877	7,257	6,791
66	80	60 177	2 403,999	16 561,991	6,889	6,423
67	81	57 020	2 169,410	14 157,992	6,526	6,060
68	82	53 604	1 942,341	11 988,582	6,172	5,706
69	83	49 980	1 724,776	10 046,241	5,825	5,358
70	84	46 151	1 516,794	8 321,464	5,486	5,020
71	85	42 181	1 320,315	6 804,670	5,154	4,687
72	86	38 010	1 133,096	5 484,355	4,840	4,374
73	87	33 788	959,267	4 351,259	4,536	4,070
74	88	29 537	798,642	3 391,991	4,247	3,781
75	89	25 350	652,804	2 593,350	3,973	3,506
76	90	21 325	522,999	1 940,545	3,710	3,244
77	91	17 504	408,852	1 417,547	3,467	3,001
78	92	13 977	310,919	1 008,695	3,244	2,778
79	93	10 840	229,652	697,776	3,038	2,572
80	94	8 142	164,279	468,124	2,850	2,383
81	95	5 914	113,649	303,845	2,674	2,207
82	96	4 134	75,658	190,196	2,514	2,047
83	97	2 739	47,733	114,537	2,400	1,933
84	98	1 763	29,271	66,804	2,282	1,816
85	99	1 100	17,387	37,534	2,159	1,692
86	100	653	9,830	20,147	2,050	1,583

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 567	99 567,285	1 976 409,549	19,850	19,384
1	16	99 201	94 476,694	1 876 842,265	19,866	19,399
2	17	99 159	89 939,687	1 782 365,571	19,817	19,351
3	18	99 130	85 631,812	1 692 425,883	19,764	19,298
4	19	99 099	81 529,156	1 606 794,072	19,708	19,242
5	20	99 071	77 624,973	1 525 264,916	19,649	19,183
6	21	99 043	73 907,452	1 447 639,943	19,587	19,121
7	22	99 018	70 370,045	1 373 732,490	19,522	19,055
8	23	98 993	67 002,408	1 303 362,445	19,452	18,986
9	24	98 967	63 794,877	1 236 360,037	19,380	18,914
10	25	98 941	60 741,233	1 172 565,160	19,304	18,838
11	26	98 914	57 833,206	1 111 823,928	19,225	18,758
12	27	98 888	55 064,616	1 053 990,722	19,141	18,675
13	28	98 860	52 427,597	998 926,106	19,053	18,587
14	29	98 827	49 914,493	946 498,508	18,962	18,496
15	30	98 788	47 518,863	896 584,015	18,868	18,402
16	31	98 741	45 234,476	849 065,152	18,770	18,304
17	32	98 686	43 056,268	803 830,676	18,669	18,203
18	33	98 625	40 980,657	760 774,408	18,564	18,098
19	34	98 552	39 000,184	719 793,751	18,456	17,990
20	35	98 472	37 113,188	680 793,567	18,344	17,877
21	36	98 389	35 316,069	643 680,379	18,226	17,760
22	37	98 304	33 605,306	608 364,311	18,103	17,637
23	38	98 213	31 975,349	574 759,005	17,975	17,509
24	39	98 114	30 421,878	542 783,656	17,842	17,375
25	40	98 008	28 942,050	512 361,778	17,703	17,237
26	41	97 898	27 532,895	483 419,728	17,558	17,091
27	42	97 781	26 190,370	455 886,833	17,407	16,940
28	43	97 658	24 911,900	429 696,463	17,249	16,782
29	44	97 522	23 692,582	404 784,562	17,085	16,618
30	45	97 376	22 530,704	381 091,980	16,914	16,448
31	46	97 210	21 421,057	358 561,276	16,739	16,272
32	47	97 031	20 363,619	337 140,220	16,556	16,090
33	48	96 837	19 355,068	316 776,601	16,367	15,900
34	49	96 612	18 390,548	297 421,533	16,173	15,706
35	50	96 369	17 470,736	279 030,985	15,971	15,505
36	51	96 113	16 594,637	261 560,249	15,762	15,295
37	52	95 825	15 756,998	244 965,611	15,546	15,080
38	53	95 507	14 956,985	229 208,613	15,325	14,858
39	54	95 161	14 193,002	214 251,628	15,096	14,629
40	55	94 780	13 463,084	200 058,625	14,860	14,393
41	56	94 355	12 764,553	186 595,541	14,618	14,152
42	57	93 893	12 097,076	173 830,989	14,370	13,903
43	58	93 389	11 459,281	161 733,912	14,114	13,647
44	59	92 840	10 849,402	150 274,631	13,851	13,385
45	60	92 237	10 265,644	139 425,229	13,582	13,115
46	61	91 571	9 706,173	129 159,585	13,307	12,841
47	62	90 851	9 171,384	119 453,413	13,025	12,558
48	63	90 080	8 660,513	110 282,029	12,734	12,267
49	64	89 235	8 170,687	101 621,515	12,437	11,971
50	65	88 305	7 700,509	93 450,828	12,136	11,669
51	66	87 310	7 251,180	85 750,319	11,826	11,359
52	67	86 224	6 820,034	78 499,139	11,510	11,044
53	68	85 053	6 407,041	71 679,106	11,188	10,721
54	69	83 768	6 009,719	65 272,065	10,861	10,395
55	70	82 360	5 627,333	59 262,346	10,531	10,065
56	71	80 841	5 260,554	53 635,013	10,196	9,729
57	72	79 208	4 908,854	48 374,459	9,855	9,388
58	73	77 463	4 572,073	43 465,604	9,507	9,040
59	74	75 570	4 247,940	38 893,532	9,156	8,689
60	75	73 558	3 937,959	34 645,591	8,798	8,331
61	76	71 434	3 642,148	30 707,633	8,431	7,965
62	77	69 137	3 357,180	27 065,484	8,062	7,596
63	78	66 686	3 083,958	23 708,305	7,688	7,221
64	79	64 014	2 819,413	20 624,347	7,315	6,849
65	80	61 119	2 563,735	17 804,934	6,945	6,479
66	81	57 983	2 316,346	15 241,199	6,580	6,113
67	82	54 586	2 076,833	12 924,853	6,223	5,757
68	83	50 957	1 846,430	10 848,020	5,875	5,409
69	84	47 145	1 626,962	9 001,590	5,533	5,066
70	85	43 143	1 417,955	7 374,628	5,201	4,734
71	86	38 970	1 219,807	5 956,673	4,883	4,417
72	87	34 696	1 034,313	4 736,866	4,580	4,113
73	88	30 411	863,393	3 702,553	4,288	3,822
74	89	26 163	707,435	2 839,160	4,013	3,547
75	90	22 067	568,254	2 131,725	3,751	3,285
76	91	18 180	445,869	1 563,471	3,507	3,040
77	92	14 570	340,314	1 117,602	3,284	2,818
78	93	11 356	252,621	777,288	3,077	2,610
79	94	8 575	181,661	524,666	2,888	2,422
80	95	6 268	126,467	343,006	2,712	2,246
81	96	4 419	84,921	216,538	2,550	2,083
82	97	2 953	54,046	131,617	2,435	1,969
83	98	1 920	33,460	77,571	2,318	1,852
84	99	1 211	20,105	44,111	2,194	1,728
85	100	729	11,528	24,005	2,082	1,616

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 555	99 555,170	1 972 573,650	19,814	19,347
1	17	99 186	94 462,783	1 873 018,479	19,828	19,362
2	18	99 145	89 927,441	1 778 555,697	19,778	19,311
3	19	99 110	85 614,941	1 688 628,256	19,724	19,257
4	20	99 082	81 514,906	1 603 013,315	19,665	19,199
5	21	99 053	77 610,622	1 521 498,409	19,604	19,138
6	22	99 027	73 895,265	1 443 887,788	19,540	19,073
7	23	99 002	70 358,589	1 369 992,523	19,472	19,005
8	24	98 975	66 990,350	1 299 633,934	19,400	18,934
9	25	98 949	63 783,398	1 232 643,584	19,325	18,859
10	26	98 922	60 729,678	1 168 860,187	19,247	18,781
11	27	98 896	57 822,322	1 108 130,508	19,164	18,698
12	28	98 867	55 052,767	1 050 308,186	19,078	18,612
13	29	98 837	52 415,243	995 255,419	18,988	18,521
14	30	98 802	49 901,576	942 840,176	18,894	18,428
15	31	98 757	47 503,794	892 938,600	18,797	18,331
16	32	98 710	45 220,272	845 434,806	18,696	18,230
17	33	98 652	43 041,516	800 214,534	18,592	18,125
18	34	98 589	40 965,890	757 173,018	18,483	18,017
19	35	98 512	38 984,350	716 207,128	18,372	17,905
20	36	98 432	37 097,892	677 222,778	18,255	17,789
21	37	98 344	35 299,876	640 124,885	18,134	17,668
22	38	98 258	33 589,354	604 825,009	18,006	17,540
23	39	98 154	31 956,060	571 235,654	17,876	17,409
24	40	98 055	30 403,590	539 279,595	17,737	17,271
25	41	97 941	28 922,205	508 876,004	17,595	17,128
26	42	97 825	27 512,513	479 953,799	17,445	16,979
27	43	97 703	26 169,581	452 441,286	17,289	16,822
28	44	97 569	24 889,279	426 271,705	17,127	16,660
29	45	97 427	23 669,586	401 382,426	16,958	16,491
30	46	97 264	22 504,743	377 712,840	16,784	16,317
31	47	97 091	21 394,976	355 208,096	16,602	16,136
32	48	96 898	20 335,714	333 813,120	16,415	15,949
33	49	96 683	19 324,215	313 477,406	16,222	15,756
34	50	96 443	18 358,400	294 153,191	16,023	15,556
35	51	96 190	17 438,359	275 794,791	15,815	15,349
36	52	95 907	16 559,080	258 356,431	15,602	15,136
37	53	95 601	15 720,238	241 797,351	15,381	14,915
38	54	95 262	14 918,581	226 077,113	15,154	14,688
39	55	94 886	14 152,003	211 158,533	14,921	14,454
40	56	94 472	13 419,390	197 006,530	14,681	14,214
41	57	94 018	12 718,894	183 587,139	14,434	13,968
42	58	93 524	12 049,606	170 868,245	14,180	13,714
43	59	92 983	11 409,440	158 818,639	13,920	13,454
44	60	92 403	10 798,341	147 409,199	13,651	13,185
45	61	91 750	10 211,482	136 610,858	13,378	12,912
46	62	91 050	9 650,984	126 399,376	13,097	12,631
47	63	90 294	9 115,123	116 748,391	12,808	12,342
48	64	89 472	8 602,064	107 633,268	12,512	12,046
49	65	88 568	8 109,630	99 031,204	12,212	11,745
50	66	87 601	7 639,133	90 921,574	11,902	11,436
51	67	86 545	7 187,644	83 282,441	11,587	11,120
52	68	85 407	6 755,365	76 094,797	11,264	10,798
53	69	84 163	6 339,987	69 339,432	10,937	10,470
54	70	82 800	5 940,279	62 999,446	10,605	10,139
55	71	81 322	5 556,435	57 059,166	10,269	9,803
56	72	79 733	5 188,475	51 502,731	9,926	9,460
57	73	78 035	4 836,137	46 314,256	9,577	9,110
58	74	76 191	4 497,017	41 478,119	9,223	8,757
59	75	74 221	4 172,144	36 981,102	8,864	8,397
60	76	72 143	3 862,226	32 808,959	8,495	8,028
61	77	69 893	3 563,602	28 946,733	8,123	7,656
62	78	67 492	3 277,291	25 383,131	7,745	7,279
63	79	64 856	2 999,309	22 105,840	7,370	6,904
64	80	62 003	2 730,843	19 106,531	6,997	6,530
65	81	58 891	2 470,257	16 375,688	6,629	6,163
66	82	55 508	2 217,498	13 905,431	6,271	5,804
67	83	51 891	1 974,281	11 687,932	5,920	5,454
68	84	48 067	1 741,716	9 713,651	5,577	5,111
69	85	44 073	1 520,944	7 971,935	5,241	4,775
70	86	39 859	1 310,014	6 450,991	4,924	4,458
71	87	35 573	1 113,464	5 140,977	4,617	4,151
72	88	31 228	930,938	4 027,513	4,326	3,860
73	89	26 938	764,792	3 096,575	4,049	3,583
74	90	22 775	615,810	2 331,783	3,787	3,320
75	91	18 813	484,450	1 715,973	3,542	3,076
76	92	15 132	371,126	1 231,523	3,318	2,852
77	93	11 838	276,505	860,397	3,112	2,645
78	94	8 983	199,830	583,892	2,922	2,456
79	95	6 601	139,849	384,063	2,746	2,280
80	96	4 684	94,499	244,214	2,584	2,118
81	97	3 157	60,663	149,715	2,468	2,002
82	98	2 070	37,885	89,051	2,351	1,884
83	99	1 319	22,983	51,166	2,226	1,760
84	100	803	13,331	28,183	2,114	1,648

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 541	99 540,511	1 968 506,462	19,776	19,310
1	18	99 172	94 449,920	1 868 965,950	19,788	19,322
2	19	99 125	89 909,724	1 774 516,030	19,737	19,270
3	20	99 093	85 599,976	1 684 606,307	19,680	19,214
4	21	99 064	81 499,835	1 599 006,331	19,620	19,153
5	22	99 037	77 597,824	1 517 506,495	19,556	19,090
6	23	99 011	73 883,234	1 439 908,672	19,489	19,023
7	24	98 984	70 345,927	1 366 025,437	19,419	18,952
8	25	98 957	66 978,296	1 295 679,511	19,345	18,878
9	26	98 930	63 771,265	1 228 701,215	19,267	18,801
10	27	98 904	60 718,249	1 164 929,950	19,186	18,719
11	28	98 875	57 809,880	1 104 211,701	19,101	18,634
12	29	98 844	55 039,794	1 046 401,822	19,012	18,545
13	30	98 811	52 401,680	991 362,027	18,919	18,452
14	31	98 770	49 885,751	938 960,347	18,822	18,356
15	32	98 726	47 488,878	889 074,596	18,722	18,255
16	33	98 676	45 204,778	841 585,719	18,617	18,151
17	34	98 616	43 026,006	796 380,940	18,509	18,043
18	35	98 549	40 949,258	753 354,934	18,397	17,931
19	36	98 471	38 968,283	712 405,676	18,282	17,815
20	37	98 387	37 080,883	673 437,392	18,161	17,695
21	38	98 297	35 283,121	636 356,509	18,036	17,569
22	39	98 198	33 569,092	601 073,388	17,906	17,439
23	40	98 095	31 936,849	567 504,297	17,770	17,303
24	41	97 987	30 382,743	535 567,447	17,627	17,161
25	42	97 868	28 900,795	505 184,704	17,480	17,014
26	43	97 748	27 490,675	476 283,909	17,325	16,859
27	44	97 614	26 145,818	448 793,235	17,165	16,699
28	45	97 474	24 865,122	422 647,417	16,998	16,531
29	46	97 315	23 642,314	397 782,295	16,825	16,359
30	47	97 146	22 477,344	374 139,982	16,645	16,179
31	48	96 958	21 365,659	351 662,638	16,459	15,993
32	49	96 744	20 303,298	330 296,980	16,268	15,802
33	50	96 514	19 290,435	309 993,682	16,070	15,603
34	51	96 264	18 324,379	290 703,247	15,864	15,398
35	52	95 984	17 400,994	272 378,868	15,653	15,187
36	53	95 683	16 520,448	254 977,874	15,434	14,968
37	54	95 356	15 679,873	238 457,425	15,208	14,741
38	55	94 987	14 875,485	222 777,552	14,976	14,510
39	56	94 578	14 106,073	207 902,067	14,738	14,272
40	57	94 134	13 371,390	193 795,993	14,493	14,027
41	58	93 649	12 668,984	180 424,604	14,241	13,775
42	59	93 117	11 997,197	167 755,620	13,983	13,516
43	60	92 546	11 355,743	155 758,423	13,716	13,250
44	61	91 916	10 741,369	144 402,680	13,444	12,977
45	62	91 229	10 153,421	133 661,310	13,164	12,698
46	63	90 491	9 591,781	123 507,889	12,876	12,410
47	64	89 685	9 053,606	113 916,108	12,582	12,116
48	65	88 804	8 537,784	104 862,502	12,282	11,816
49	66	87 862	8 044,993	96 324,718	11,973	11,507
50	67	86 833	7 572,198	88 279,725	11,658	11,192
51	68	85 724	7 119,489	80 707,527	11,336	10,870
52	69	84 513	6 684,665	73 588,038	11,008	10,542
53	70	83 191	6 266,731	66 903,373	10,676	10,210
54	71	81 757	5 865,439	60 636,642	10,338	9,872
55	72	80 208	5 480,302	54 771,203	9,994	9,528
56	73	78 552	5 111,616	49 290,902	9,643	9,177
57	74	76 754	4 756,746	44 179,286	9,288	8,821
58	75	74 832	4 416,776	39 422,540	8,926	8,459
59	76	72 794	4 091,907	35 005,764	8,555	8,088
60	77	70 587	3 778,934	30 913,857	8,181	7,714
61	78	68 230	3 478,801	27 134,923	7,800	7,334
62	79	65 639	3 187,336	23 656,122	7,422	6,956
63	80	62 818	2 905,088	20 468,787	7,046	6,579
64	81	59 742	2 631,272	17 563,699	6,675	6,209
65	82	56 378	2 364,842	14 932,427	6,314	5,848
66	83	52 767	2 108,001	12 567,585	5,962	5,495
67	84	48 948	1 862,317	10 459,585	5,616	5,150
68	85	44 935	1 628,221	8 597,268	5,280	4,814
69	86	40 718	1 405,163	6 969,047	4,960	4,493
70	87	36 384	1 195,807	5 563,884	4,653	4,186
71	88	32 017	1 002,178	4 368,078	4,359	3,892
72	89	27 662	824,623	3 365,899	4,082	3,615
73	90	23 449	665,737	2 541,276	3,817	3,351
74	91	19 416	524,992	1 875,539	3,573	3,106
75	92	15 659	403,240	1 350,546	3,349	2,883
76	93	12 295	301,539	947,307	3,142	2,675
77	94	9 364	218,722	645,768	2,952	2,486
78	95	6 915	153,836	427,045	2,776	2,310
79	96	4 932	104,498	273,209	2,614	2,148
80	97	3 346	67,505	168,711	2,499	2,033
81	98	2 213	42,524	101,206	2,380	1,914
82	99	1 422	26,023	58,682	2,255	1,789
83	100	874	15,239	32,659	2,143	1,677

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 527	99 526,958	1 964 199,868	19,735	19,269
1	19	99 153	94 431,312	1 864 672,911	19,746	19,280
2	20	99 108	89 894,008	1 770 241,599	19,693	19,226
3	21	99 074	85 584,150	1 680 347,591	19,634	19,167
4	22	99 047	81 486,396	1 594 763,440	19,571	19,105
5	23	99 021	77 585,190	1 513 277,044	19,505	19,038
6	24	98 993	73 869,938	1 435 691,854	19,435	18,969
7	25	98 966	70 333,269	1 361 821,916	19,362	18,896
8	26	98 939	66 965,555	1 291 488,647	19,286	18,819
9	27	98 912	63 759,263	1 224 523,092	19,205	18,739
10	28	98 882	60 705,184	1 160 763,829	19,121	18,655
11	29	98 851	57 796,257	1 100 058,646	19,033	18,567
12	30	98 818	55 025,552	1 042 262,388	18,941	18,475
13	31	98 780	52 385,062	987 236,837	18,846	18,379
14	32	98 739	49 870,087	934 851,775	18,746	18,279
15	33	98 692	47 472,606	884 981,688	18,642	18,176
16	34	98 641	45 188,490	837 509,081	18,534	18,067
17	35	98 576	43 008,538	792 320,592	18,422	17,956
18	36	98 509	40 932,382	749 312,054	18,306	17,840
19	37	98 426	38 950,417	708 379,672	18,187	17,720
20	38	98 340	37 063,282	669 429,255	18,062	17,595
21	39	98 238	35 261,836	632 365,973	17,933	17,467
22	40	98 139	33 548,912	597 104,137	17,798	17,332
23	41	98 028	31 914,950	563 555,225	17,658	17,192
24	42	97 915	30 360,252	531 640,275	17,511	17,045
25	43	97 791	28 877,855	501 280,023	17,359	16,892
26	44	97 659	27 465,711	472 402,169	17,200	16,733
27	45	97 520	26 120,441	444 936,457	17,034	16,568
28	46	97 362	24 836,471	418 816,016	16,863	16,397
29	47	97 196	23 613,529	393 979,545	16,684	16,218
30	48	97 013	22 446,543	370 366,016	16,500	16,034
31	49	96 804	21 331,601	347 919,473	16,310	15,844
32	50	96 575	20 267,806	326 587,873	16,114	15,647
33	51	96 335	19 254,686	306 320,066	15,909	15,442
34	52	96 058	18 285,115	287 065,380	15,699	15,233
35	53	95 760	17 360,398	268 780,265	15,482	15,016
36	54	95 438	16 478,029	251 419,867	15,258	14,791
37	55	95 080	15 634,579	234 941,838	15,027	14,561
38	56	94 679	14 827,208	219 307,259	14,791	14,324
39	57	94 239	14 055,617	204 480,051	14,548	14,082
40	58	93 765	13 318,918	190 424,434	14,297	13,831
41	59	93 242	12 613,881	177 105,516	14,041	13,574
42	60	92 679	11 940,734	164 491,635	13,776	13,309
43	61	92 057	11 295,831	152 550,901	13,505	13,039
44	62	91 393	10 680,295	141 255,070	13,226	12,759
45	63	90 669	10 091,136	130 574,775	12,940	12,473
46	64	89 881	9 527,047	120 483,639	12,646	12,180
47	65	89 015	8 985,951	110 956,592	12,348	11,881
48	66	88 096	8 469,734	101 970,641	12,039	11,573
49	67	87 092	7 974,502	93 500,907	11,725	11,259
50	68	86 010	7 500,397	85 526,405	11,403	10,937
51	69	84 827	7 044,979	78 026,008	11,075	10,609
52	70	83 536	6 607,427	70 981,029	10,743	10,276
53	71	82 142	6 187,777	64 373,603	10,403	9,937
54	72	80 636	5 785,072	58 185,825	10,058	9,592
55	73	79 020	5 399,119	52 400,753	9,705	9,239
56	74	77 263	5 027,702	47 001,634	9,349	8,882
57	75	75 384	4 671,870	41 973,932	8,984	8,518
58	76	73 392	4 331,835	37 302,062	8,611	8,145
59	77	71 224	4 003,662	32 970,226	8,235	7,769
60	78	68 908	3 689,008	28 966,565	7,852	7,386
61	79	66 357	3 383,315	25 277,556	7,471	7,005
62	80	63 577	3 087,207	21 894,242	7,092	6,626
63	81	60 528	2 799,164	18 807,035	6,719	6,252
64	82	57 193	2 518,986	16 007,871	6,355	5,888
65	83	53 594	2 248,068	13 488,885	6,000	5,534
66	84	49 775	1 988,453	11 240,817	5,653	5,187
67	85	45 759	1 740,962	9 252,364	5,315	4,848
68	86	41 514	1 504,273	7 511,402	4,993	4,527
69	87	37 168	1 282,661	6 007,129	4,683	4,217
70	88	32 748	1 076,291	4 724,468	4,390	3,923
71	89	28 361	887,727	3 648,177	4,110	3,643
72	90	24 079	717,820	2 760,449	3,846	3,379
73	91	19 991	567,557	2 042,630	3,599	3,133
74	92	16 161	436,986	1 475,073	3,376	2,909
75	93	12 723	327,632	1 038,087	3,168	2,702
76	94	9 726	238,525	710,456	2,979	2,512
77	95	7 209	168,380	471,930	2,803	2,336
78	96	5 167	114,950	303,550	2,641	2,174
79	97	3 523	74,648	188,600	2,527	2,060
80	98	2 345	47,320	113,953	2,408	1,942
81	99	1 520	29,209	66,632	2,281	1,815
82	100	943	17,254	37,424	2,169	1,703

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 507	99 507,349	1 959 641,532	19,693	19,227
1	20	99 136	94 414,806	1 860 134,183	19,702	19,235
2	21	99 090	89 877,389	1 765 719,376	19,646	19,179
3	22	99 058	85 570,038	1 675 841,988	19,584	19,118
4	23	99 031	81 473,129	1 590 271,950	19,519	19,053
5	24	99 003	77 571,228	1 508 798,820	19,450	18,984
6	25	98 975	73 856,646	1 431 227,593	19,378	18,912
7	26	98 947	70 319,890	1 357 370,946	19,303	18,836
8	27	98 920	66 952,952	1 287 051,057	19,223	18,757
9	28	98 890	63 745,543	1 220 098,105	19,140	18,674
10	29	98 859	60 690,879	1 156 352,562	19,053	18,587
11	30	98 826	57 781,301	1 095 661,683	18,962	18,496
12	31	98 787	55 008,102	1 037 880,382	18,868	18,401
13	32	98 749	52 368,613	982 872,280	18,768	18,302
14	33	98 706	49 853,000	930 503,667	18,665	18,199
15	34	98 657	47 455,501	880 650,667	18,557	18,091
16	35	98 601	45 170,143	833 195,167	18,446	17,979
17	36	98 536	42 990,813	788 025,023	18,330	17,864
18	37	98 463	40 913,615	745 034,210	18,210	17,744
19	38	98 379	38 931,928	704 120,596	18,086	17,620
20	39	98 281	37 040,924	665 188,668	17,958	17,492
21	40	98 179	35 240,639	628 147,744	17,825	17,358
22	41	98 072	33 525,907	592 907,105	17,685	17,219
23	42	97 955	31 891,325	559 381,198	17,540	17,074
24	43	97 837	30 336,153	527 489,873	17,388	16,922
25	44	97 702	28 851,632	497 153,720	17,231	16,765
26	45	97 564	27 439,054	468 302,088	17,067	16,601
27	46	97 407	26 090,344	440 863,034	16,898	16,431
28	47	97 244	24 806,233	414 772,690	16,721	16,254
29	48	97 063	23 581,171	389 966,458	16,537	16,071
30	49	96 858	22 410,762	366 385,287	16,349	15,882
31	50	96 634	21 294,311	343 974,525	16,153	15,687
32	51	96 396	20 230,246	322 680,213	15,950	15,484
33	52	96 128	19 213,429	302 449,967	15,742	15,275
34	53	95 834	18 242,456	283 236,538	15,526	15,060
35	54	95 514	17 315,822	264 994,082	15,304	14,837
36	55	95 162	16 430,429	247 678,259	15,074	14,608
37	56	94 772	15 583,838	231 247,830	14,839	14,373
38	57	94 340	14 774,171	215 663,992	14,597	14,131
39	58	93 870	14 000,460	200 889,821	14,349	13,882
40	59	93 357	13 260,989	186 889,360	14,093	13,627
41	60	92 803	12 554,516	173 628,371	13,830	13,364
42	61	92 190	11 877,735	161 073,856	13,561	13,095
43	62	91 534	11 231,604	149 196,120	13,284	12,817
44	63	90 832	10 614,778	137 964,517	12,997	12,531
45	64	90 057	10 023,032	127 349,739	12,706	12,239
46	65	89 209	9 455,855	117 326,707	12,408	11,941
47	66	88 305	8 914,329	107 870,853	12,101	11,634
48	67	87 324	8 395,521	98 956,524	11,787	11,320
49	68	86 266	7 898,886	90 561,002	11,465	10,999
50	69	85 110	7 421,900	82 662,116	11,138	10,671
51	70	83 847	6 963,577	75 240,216	10,805	10,338
52	71	82 484	6 524,181	68 276,639	10,465	9,999
53	72	81 017	6 102,994	61 752,458	10,118	9,652
54	73	79 442	5 699,374	55 649,465	9,764	9,298
55	74	77 722	5 310,486	49 950,090	9,406	8,940
56	75	75 884	4 937,992	44 639,604	9,040	8,574
57	76	73 935	4 582,024	39 701,612	8,665	8,198
58	77	71 810	4 238,415	35 119,588	8,286	7,820
59	78	69 529	3 908,389	30 881,173	7,901	7,435
60	79	67 016	3 587,752	26 972,784	7,518	7,052
61	80	64 273	3 277,030	23 385,032	7,136	6,670
62	81	61 259	2 974,643	20 108,002	6,760	6,293
63	82	57 945	2 679,713	17 133,359	6,394	5,927
64	83	54 369	2 394,601	14 453,647	6,036	5,570
65	84	50 554	2 120,577	12 059,046	5,687	5,220
66	85	46 531	1 858,879	9 938,469	5,346	4,880
67	86	42 275	1 608,432	8 079,590	5,023	4,557
68	87	37 895	1 373,130	6 471,158	4,713	4,246
69	88	33 454	1 154,464	5 098,027	4,416	3,950
70	89	29 008	953,377	3 943,563	4,136	3,670
71	90	24 688	772,751	2 990,186	3,870	3,403
72	91	20 528	611,958	2 217,435	3,624	3,157
73	92	16 640	472,415	1 605,477	3,398	2,932
74	93	13 131	355,050	1 133,062	3,191	2,725
75	94	10 064	259,165	778,012	3,002	2,536
76	95	7 487	183,625	518,847	2,826	2,359
77	96	5 387	125,817	335,222	2,664	2,198
78	97	3 691	82,114	209,404	2,550	2,084
79	98	2 470	52,327	127,290	2,433	1,966
80	99	1 611	32,503	74,964	2,306	1,840
81	100	1 008	19,366	42,460	2,192	1,726

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 490	99 489,956	1 954 826,087	19,648	19,182
1	21	99 117	94 397,351	1 855 336,131	19,655	19,188
2	22	99 073	89 862,568	1 760 938,780	19,596	19,130
3	23	99 042	85 556,106	1 671 076,212	19,532	19,066
4	24	99 013	81 458,467	1 585 520,105	19,464	18,998
5	25	98 985	77 557,270	1 504 061,638	19,393	18,927
6	26	98 956	73 842,597	1 426 504,369	19,318	18,852
7	27	98 929	70 306,656	1 352 661,772	19,239	18,773
8	28	98 899	66 938,545	1 282 355,116	19,157	18,691
9	29	98 867	63 730,522	1 215 416,571	19,071	18,605
10	30	98 833	60 675,174	1 151 686,049	18,981	18,515
11	31	98 794	57 762,977	1 091 010,875	18,888	18,421
12	32	98 756	54 990,829	1 033 247,898	18,789	18,323
13	33	98 715	52 350,670	978 257,069	18,687	18,220
14	34	98 670	49 835,036	925 906,399	18,579	18,113
15	35	98 617	47 436,234	876 071,363	18,468	18,002
16	36	98 560	45 151,527	828 635,129	18,352	17,886
17	37	98 491	42 971,102	783 483,602	18,233	17,766
18	38	98 417	40 894,194	740 512,500	18,108	17,642
19	39	98 320	38 908,443	699 618,306	17,981	17,515
20	40	98 222	37 018,657	660 709,863	17,848	17,382
21	41	98 112	35 216,474	623 691,206	17,710	17,244
22	42	97 999	33 501,089	588 474,732	17,566	17,099
23	43	97 877	31 866,011	554 973,643	17,416	16,949
24	44	97 748	30 308,606	523 107,632	17,259	16,793
25	45	97 607	28 823,629	492 799,026	17,097	16,631
26	46	97 452	27 407,438	463 975,397	16,929	16,462
27	47	97 289	26 058,579	436 567,959	16,753	16,287
28	48	97 110	24 772,241	410 509,381	16,571	16,105
29	49	96 909	23 543,581	385 737,140	16,384	15,918
30	50	96 689	22 371,586	362 193,559	16,190	15,723
31	51	96 455	21 254,849	339 821,972	15,988	15,522
32	52	96 189	20 186,899	318 567,124	15,781	15,314
33	53	95 904	19 168,605	298 380,225	15,566	15,100
34	54	95 588	18 195,616	279 211,620	15,345	14,879
35	55	95 238	17 265,802	261 016,004	15,118	14,651
36	56	94 853	16 377,105	243 750,202	14,884	14,417
37	57	94 433	15 528,095	227 373,097	14,643	14,176
38	58	93 970	14 716,196	211 845,002	14,395	13,929
39	59	93 461	13 939,567	197 128,806	14,142	13,675
40	60	92 918	13 198,578	183 189,240	13,879	13,413
41	61	92 313	12 488,279	169 990,661	13,612	13,146
42	62	91 666	11 810,200	157 502,383	13,336	12,870
43	63	90 972	11 162,704	145 692,183	13,052	12,585
44	64	90 219	10 543,140	134 529,479	12,760	12,294
45	65	89 384	9 948,133	123 986,339	12,463	11,997
46	66	88 498	9 380,487	114 038,206	12,157	11,691
47	67	87 531	8 836,221	104 657,719	11,844	11,378
48	68	86 496	8 315,913	95 821,498	11,523	11,056
49	69	85 364	7 816,219	87 505,585	11,195	10,729
50	70	84 126	7 336,143	79 689,366	10,863	10,396
51	71	82 790	6 875,844	72 353,223	10,523	10,056
52	72	81 354	6 434,788	65 477,379	10,176	9,709
53	73	79 817	6 012,587	59 042,591	9,820	9,353
54	74	78 138	5 605,812	53 030,004	9,460	8,993
55	75	76 336	5 215,730	47 424,192	9,093	8,626
56	76	74 425	4 843,028	42 208,462	8,715	8,249
57	77	72 340	4 483,208	37 365,434	8,335	7,868
58	78	70 101	4 137,556	32 882,226	7,947	7,481
59	79	67 621	3 801,111	28 744,670	7,562	7,096
60	80	64 911	3 475,045	24 943,559	7,178	6,712
61	81	61 929	3 157,544	21 468,514	6,799	6,333
62	82	58 645	2 847,703	18 310,970	6,430	5,964
63	83	55 083	2 547,391	15 463,266	6,070	5,604
64	84	51 285	2 258,799	12 915,875	5,718	5,252
65	85	47 260	1 982,394	10 657,076	5,376	4,909
66	86	42 989	1 717,373	8 674,682	5,051	4,585
67	87	38 590	1 468,209	6 957,309	4,739	4,272
68	88	34 108	1 235,892	5 489,100	4,441	3,975
69	89	29 633	1 022,622	4 253,208	4,159	3,693
70	90	25 251	829,897	3 230,586	3,893	3,426
71	91	21 047	658,789	2 400,688	3,644	3,178
72	92	17 087	509,373	1 741,900	3,420	2,953
73	93	13 520	383,836	1 232,527	3,211	2,745
74	94	10 387	280,854	848,690	3,022	2,555
75	95	7 748	199,514	567,837	2,846	2,380
76	96	5 595	137,209	368,323	2,684	2,218
77	97	3 848	89,877	231,114	2,571	2,105
78	98	2 588	57,560	141,236	2,454	1,987
79	99	1 697	35,942	83,676	2,328	1,862
80	100	1 068	21,551	47,734	2,215	1,749

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 472	99 471,563	1 949 739,248	19,601	19,135
1	22	99 101	94 381,785	1 850 267,685	19,604	19,138
2	23	99 057	89 847,938	1 755 885,900	19,543	19,076
3	24	99 024	85 540,709	1 666 037,962	19,477	19,010
4	25	98 995	81 443,810	1 580 497,253	19,406	18,940
5	26	98 966	77 542,516	1 499 053,443	19,332	18,866
6	27	98 938	73 828,700	1 421 510,927	19,254	18,788
7	28	98 907	70 291,527	1 347 682,227	19,173	18,706
8	29	98 875	66 922,771	1 277 390,700	19,088	18,621
9	30	98 841	63 714,031	1 210 467,929	18,998	18,532
10	31	98 802	60 655,932	1 146 753,898	18,906	18,439
11	32	98 763	57 744,840	1 086 097,966	18,809	18,342
12	33	98 722	54 971,987	1 028 353,127	18,707	18,240
13	34	98 679	52 331,806	973 381,139	18,600	18,134
14	35	98 630	49 814,804	921 049,333	18,489	18,023
15	36	98 576	47 416,684	871 234,529	18,374	17,908
16	37	98 515	45 130,825	823 817,845	18,254	17,788
17	38	98 444	42 950,705	778 687,020	18,130	17,663
18	39	98 357	40 869,525	735 736,315	18,002	17,536
19	40	98 261	38 885,053	694 866,790	17,870	17,403
20	41	98 154	36 993,273	655 981,737	17,732	17,266
21	42	98 039	35 190,405	618 988,464	17,590	17,123
22	43	97 922	33 474,498	583 798,059	17,440	16,974
23	44	97 788	31 837,074	550 323,562	17,286	16,819
24	45	97 653	30 279,189	518 486,487	17,124	16,657
25	46	97 495	28 790,417	488 207,298	16,957	16,491
26	47	97 333	27 374,069	459 416,881	16,783	16,317
27	48	97 155	26 022,871	432 042,812	16,602	16,136
28	49	96 956	24 732,752	406 019,942	16,416	15,950
29	50	96 739	23 502,426	381 287,189	16,223	15,757
30	51	96 510	22 330,127	357 784,764	16,023	15,556
31	52	96 249	21 209,306	335 454,636	15,816	15,350
32	53	95 965	20 139,804	314 245,330	15,603	15,137
33	54	95 658	19 119,386	294 105,527	15,383	14,916
34	55	95 312	18 143,054	274 986,141	15,157	14,690
35	56	94 929	17 209,767	256 843,087	14,924	14,458
36	57	94 514	16 318,525	239 633,320	14,685	14,218
37	58	94 062	15 467,161	223 314,795	14,438	13,972
38	59	93 561	14 652,189	207 847,634	14,185	13,719
39	60	93 021	13 873,962	193 195,445	13,925	13,459
40	61	92 428	13 128,943	179 321,483	13,658	13,192
41	62	91 788	12 417,272	166 192,540	13,384	12,918
42	63	91 104	11 737,751	153 775,268	13,101	12,635
43	64	90 358	11 087,368	142 037,518	12,811	12,344
44	65	89 545	10 464,354	130 950,149	12,514	12,048
45	66	88 672	9 868,842	120 485,795	12,209	11,742
46	67	87 723	9 298,294	110 616,953	11,896	11,430
47	68	86 701	8 752,434	101 318,659	11,576	11,110
48	69	85 591	8 228,882	92 566,225	11,249	10,783
49	70	84 377	7 725,906	84 337,343	10,916	10,450
50	71	83 067	7 243,716	76 611,438	10,576	10,110
51	72	81 656	6 781,633	69 367,722	10,229	9,762
52	73	80 149	6 339,466	62 586,089	9,872	9,406
53	74	78 506	5 913,883	56 246,623	9,511	9,045
54	75	76 743	5 505,787	50 332,740	9,142	8,675
55	76	74 867	5 115,425	44 826,953	8,763	8,297
56	77	72 820	4 738,583	39 711,528	8,380	7,914
57	78	70 619	4 376,524	34 972,945	7,991	7,525
58	79	68 177	4 023,988	30 596,421	7,604	7,137
59	80	65 496	3 681,701	26 572,433	7,217	6,751
60	81	62 544	3 348,340	22 890,732	6,836	6,370
61	82	59 287	3 022,800	19 542,392	6,465	5,999
62	83	55 749	2 707,087	16 519,593	6,102	5,636
63	84	51 960	2 402,925	13 812,506	5,748	5,282
64	85	47 943	2 111,609	11 409,581	5,403	4,937
65	86	43 662	1 831,485	9 297,972	5,077	4,610
66	87	39 241	1 567,652	7 466,487	4,763	4,296
67	88	34 733	1 321,468	5 898,835	4,464	3,997
68	89	30 213	1 094,751	4 577,367	4,181	3,715
69	90	25 795	890,174	3 482,616	3,912	3,446
70	91	21 527	707,507	2 592,442	3,664	3,198
71	92	17 519	548,353	1 884,935	3,437	2,971
72	93	13 883	413,865	1 336,582	3,230	2,763
73	94	10 694	303,624	922,717	3,039	2,573
74	95	7 996	216,211	619,093	2,863	2,397
75	96	5 789	149,082	402,882	2,702	2,236
76	97	3 996	98,015	253,800	2,589	2,123
77	98	2 697	63,002	155,785	2,473	2,006
78	99	1 777	39,537	92,783	2,347	1,880
79	100	1 125	23,831	53,246	2,234	1,768

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 455	99 455,160	1 944 369,446	19,550	19,084
1	23	99 085	94 366,419	1 844 914,286	19,551	19,084
2	24	99 040	89 831,768	1 750 547,867	19,487	19,021
3	25	99 006	85 525,317	1 660 716,099	19,418	18,951
4	26	98 977	81 428,317	1 575 190,782	19,345	18,878
5	27	98 947	77 527,923	1 493 762,464	19,267	18,801
6	28	98 916	73 812,813	1 416 234,541	19,187	18,720
7	29	98 884	70 274,963	1 342 421,728	19,102	18,636
8	30	98 850	66 905,454	1 272 146,765	19,014	18,548
9	31	98 810	63 693,825	1 205 241,311	18,922	18,456
10	32	98 771	60 636,886	1 141 547,486	18,826	18,360
11	33	98 729	57 725,054	1 080 910,600	18,725	18,259
12	34	98 686	54 952,179	1 023 185,546	18,620	18,153
13	35	98 639	52 310,560	968 233,366	18,509	18,043
14	36	98 589	49 794,273	915 922,807	18,394	17,928
15	37	98 531	47 394,943	866 128,533	18,275	17,808
16	38	98 468	45 109,403	818 733,590	18,150	17,684
17	39	98 384	42 924,795	773 624,186	18,023	17,556
18	40	98 298	40 844,956	730 699,391	17,890	17,423
19	41	98 193	38 858,390	689 854,435	17,753	17,287
20	42	98 082	36 965,888	650 996,046	17,611	17,144
21	43	97 961	35 162,472	614 030,157	17,463	16,996
22	44	97 833	33 444,101	578 867,685	17,309	16,842
23	45	97 693	31 806,174	545 423,584	17,148	16,682
24	46	97 541	30 244,300	513 617,410	16,982	16,516
25	47	97 376	28 755,365	483 373,110	16,810	16,343
26	48	97 200	27 336,558	454 617,745	16,630	16,164
27	49	97 000	25 981,389	427 281,187	16,446	15,979
28	50	96 786	24 689,518	401 299,798	16,254	15,787
29	51	96 560	23 458,871	376 610,281	16,054	15,588
30	52	96 303	22 282,281	353 151,410	15,849	15,383
31	53	96 024	21 159,825	330 869,129	15,637	15,170
32	54	95 719	20 088,091	309 709,304	15,418	14,951
33	55	95 382	19 064,156	289 621,213	15,192	14,726
34	56	95 002	18 084,172	270 557,057	14,961	14,495
35	57	94 590	17 148,208	252 472,885	14,723	14,257
36	58	94 143	16 254,489	235 324,677	14,478	14,011
37	59	93 653	15 399,888	219 070,188	14,225	13,759
38	60	93 121	14 583,230	203 670,300	13,966	13,500
39	61	92 531	13 800,764	189 087,070	13,701	13,235
40	62	91 902	13 054,293	175 286,306	13,427	12,961
41	63	91 225	12 341,099	162 232,013	13,146	12,679
42	64	90 489	11 658,534	149 890,914	12,857	12,390
43	65	89 683	11 004,516	138 232,380	12,561	12,095
44	66	88 831	10 380,949	127 227,864	12,256	11,789
45	67	87 895	9 782,370	116 846,915	11,945	11,478
46	68	86 891	9 210,126	107 064,546	11,625	11,158
47	69	85 794	8 660,834	97 854,420	11,298	10,832
48	70	84 602	8 133,800	89 193,586	10,966	10,499
49	71	83 314	7 628,568	81 059,786	10,626	10,159
50	72	81 928	7 144,464	73 431,217	10,278	9,812
51	73	80 446	6 681,173	66 286,753	9,921	9,455
52	74	78 833	6 235,396	59 605,580	9,559	9,093
53	75	77 106	5 808,361	53 370,184	9,189	8,722
54	76	75 268	5 399,903	47 561,823	8,808	8,342
55	77	73 253	5 005,106	42 161,920	8,424	7,957
56	78	71 087	4 625,822	37 156,815	8,032	7,566
57	79	68 680	4 256,397	32 530,993	7,643	7,176
58	80	66 035	3 897,577	28 274,596	7,254	6,788
59	81	63 108	3 547,461	24 377,019	6,872	6,405
60	82	59 875	3 205,453	20 829,559	6,498	6,032
61	83	56 359	2 873,537	17 624,106	6,133	5,667
62	84	52 588	2 553,564	14 750,569	5,776	5,310
63	85	48 574	2 246,343	12 197,005	5,430	4,963
64	86	44 294	1 950,863	9 950,662	5,101	4,634
65	87	39 856	1 671,816	7 999,798	4,785	4,319
66	88	35 319	1 410,972	6 327,983	4,485	4,018
67	89	30 766	1 170,554	4 917,010	4,201	3,734
68	90	26 299	952,961	3 746,456	3,931	3,465
69	91	21 991	758,895	2 793,495	3,681	3,215
70	92	17 918	588,905	2 034,601	3,455	2,988
71	93	14 234	445,536	1 445,696	3,245	2,778
72	94	10 982	327,378	1 000,160	3,055	2,589
73	95	8 233	233,741	672,783	2,878	2,412
74	96	5 975	161,558	439,042	2,718	2,251
75	97	4 136	106,496	277,484	2,606	2,139
76	98	2 801	68,706	170,988	2,489	2,022
77	99	1 853	43,275	102,282	2,364	1,897
78	100	1 178	26,215	59,006	2,251	1,785

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 439	99 438,968	1 938 701,434	19,496	19,030
1	24	99 067	94 349,436	1 839 262,466	19,494	19,028
2	25	99 022	89 815,604	1 744 913,030	19,428	18,961
3	26	98 987	85 509,048	1 655 097,426	19,356	18,889
4	27	98 958	81 412,993	1 569 588,377	19,279	18,813
5	28	98 926	77 511,240	1 488 175,385	19,199	18,733
6	29	98 893	73 795,420	1 410 664,144	19,116	18,649
7	30	98 858	70 256,778	1 336 868,725	19,028	18,562
8	31	98 818	66 884,236	1 266 611,946	18,937	18,471
9	32	98 779	63 673,825	1 199 727,710	18,842	18,375
10	33	98 737	60 616,110	1 136 053,885	18,742	18,275
11	34	98 694	57 704,254	1 075 437,775	18,637	18,171
12	35	98 646	54 929,869	1 017 733,521	18,528	18,061
13	36	98 599	52 289,001	962 803,652	18,413	17,947
14	37	98 544	49 771,443	910 514,651	18,294	17,828
15	38	98 484	47 372,447	860 743,208	18,170	17,703
16	39	98 409	45 082,191	813 370,761	18,042	17,576
17	40	98 325	42 898,991	768 288,570	17,909	17,443
18	41	98 231	40 816,949	725 389,579	17,772	17,305
19	42	98 121	38 829,624	684 572,630	17,630	17,164
20	43	98 004	36 936,546	645 743,006	17,482	17,016
21	44	97 872	35 130,542	608 806,460	17,330	16,863
22	45	97 738	33 411,640	573 675,917	17,170	16,704
23	46	97 581	31 769,526	540 264,277	17,006	16,539
24	47	97 422	30 207,477	508 494,751	16,833	16,367
25	48	97 242	28 715,961	478 287,273	16,656	16,189
26	49	97 045	27 292,982	449 571,312	16,472	16,006
27	50	96 831	25 935,972	422 278,330	16,282	15,815
28	51	96 607	24 643,763	396 342,359	16,083	15,616
29	52	96 353	23 408,606	371 698,595	15,879	15,412
30	53	96 078	22 230,297	348 289,990	15,667	15,201
31	54	95 778	21 105,494	326 059,693	15,449	14,983
32	55	95 442	20 030,063	304 954,199	15,225	14,758
33	56	95 072	19 002,284	284 924,136	14,994	14,528
34	57	94 663	18 019,485	265 921,852	14,757	14,291
35	58	94 219	17 080,917	247 902,367	14,513	14,047
36	59	93 734	16 183,791	230 821,450	14,263	13,796
37	60	93 212	15 327,410	214 637,659	14,004	13,537
38	61	92 630	14 506,290	199 310,249	13,740	13,273
39	62	92 005	13 722,294	184 803,959	13,467	13,001
40	63	91 338	12 974,212	171 081,665	13,186	12,720
41	64	90 610	12 257,810	158 107,452	12,899	12,432
42	65	89 813	11 571,413	145 849,642	12,604	12,138
43	66	88 968	10 916,805	134 278,229	12,300	11,834
44	67	88 053	10 289,990	123 361,423	11,988	11,522
45	68	87 061	9 689,611	113 071,434	11,669	11,203
46	69	85 981	9 113,736	103 381,823	11,344	10,877
47	70	84 803	8 560,761	94 268,087	11,012	10,545
48	71	83 536	8 031,324	85 707,325	10,672	10,205
49	72	82 173	7 524,043	77 676,001	10,324	9,857
50	73	80 715	7 038,629	70 151,958	9,967	9,500
51	74	79 126	6 571,494	63 113,329	9,604	9,138
52	75	77 426	6 124,137	56 541,835	9,233	8,766
53	76	75 623	5 696,658	50 417,698	8,850	8,384
54	77	73 644	5 283,449	44 721,040	8,464	7,998
55	78	71 510	4 886,002	39 437,591	8,072	7,605
56	79	69 136	4 498,852	34 551,590	7,680	7,214
57	80	66 523	4 122,684	30 052,737	7,290	6,823
58	81	63 627	3 755,465	25 930,053	6,905	6,438
59	82	60 415	3 396,077	22 174,588	6,529	6,063
60	83	56 919	3 047,171	18 778,511	6,163	5,696
61	84	53 163	2 710,574	15 731,340	5,804	5,337
62	85	49 161	2 387,166	13 020,765	5,454	4,988
63	86	44 876	2 075,341	10 633,600	5,124	4,657
64	87	40 432	1 780,787	8 558,259	4,806	4,339
65	88	35 873	1 504,725	6 777,472	4,504	4,038
66	89	31 286	1 249,836	5 272,746	4,219	3,752
67	90	26 781	1 018,946	4 022,910	3,948	3,482
68	91	22 421	812,422	3 003,964	3,698	3,231
69	92	18 304	631,678	2 191,542	3,469	3,003
70	93	14 559	478,484	1 559,864	3,260	2,794
71	94	11 259	352,430	1 081,380	3,068	2,602
72	95	8 454	252,027	728,950	2,892	2,426
73	96	6 152	174,656	476,923	2,731	2,264
74	97	4 268	115,408	302,267	2,619	2,153
75	98	2 899	74,652	186,858	2,503	2,037
76	99	1 924	47,193	112,207	2,378	1,911
77	100	1 228	28,693	65,013	2,266	1,799

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 421	99 421,072	1 932 721,115	19,440	18,973
1	25	99 049	94 332,459	1 833 300,043	19,434	18,968
2	26	99 003	89 798,519	1 738 967,584	19,365	18,899
3	27	98 969	85 492,956	1 649 169,065	19,290	18,824
4	28	98 937	81 395,474	1 563 676,109	19,211	18,744
5	29	98 903	77 492,975	1 482 280,635	19,128	18,662
6	30	98 867	73 776,324	1 404 787,659	19,041	18,575
7	31	98 827	70 234,498	1 331 011,336	18,951	18,485
8	32	98 787	66 863,234	1 260 776,838	18,856	18,390
9	33	98 745	63 652,009	1 193 913,604	18,757	18,290
10	34	98 702	60 594,268	1 130 261,595	18,653	18,187
11	35	98 654	57 680,827	1 069 667,327	18,545	18,078
12	36	98 605	54 907,231	1 011 986,500	18,431	17,964
13	37	98 554	52 265,026	957 079,269	18,312	17,846
14	38	98 497	49 747,818	904 814,243	18,188	17,722
15	39	98 425	47 343,869	855 066,425	18,061	17,594
16	40	98 350	45 055,090	807 722,555	17,927	17,461
17	41	98 258	42 869,575	762 667,465	17,790	17,324
18	42	98 158	40 786,734	719 797,890	17,648	17,181
19	43	98 043	38 798,803	679 011,156	17,501	17,034
20	44	97 915	36 903,006	640 212,353	17,349	16,882
21	45	97 777	35 096,446	603 309,348	17,190	16,724
22	46	97 625	33 373,142	568 212,902	17,026	16,560
23	47	97 462	31 730,846	534 839,760	16,856	16,389
24	48	97 289	30 166,084	503 108,914	16,678	16,212
25	49	97 087	28 670,186	472 942,830	16,496	16,030
26	50	96 875	27 245,272	444 272,643	16,306	15,840
27	51	96 651	25 887,907	417 027,371	16,109	15,643
28	52	96 400	24 590,959	391 139,464	15,906	15,439
29	53	96 128	23 353,994	366 548,505	15,695	15,229
30	54	95 831	22 173,217	343 194,511	15,478	15,011
31	55	95 501	21 044,527	321 021,295	15,254	14,788
32	56	95 132	19 965,056	299 976,768	15,025	14,559
33	57	94 732	18 934,314	280 011,712	14,789	14,322
34	58	94 291	17 948,775	261 077,398	14,546	14,079
35	59	93 809	17 006,625	243 128,623	14,296	13,830
36	60	93 292	16 107,625	226 121,999	14,038	13,572
37	61	92 720	15 246,543	210 014,374	13,775	13,308
38	62	92 103	14 423,809	194 767,831	13,503	13,037
39	63	91 440	13 638,116	180 344,022	13,224	12,757
40	64	90 722	12 886,651	166 705,906	12,936	12,470
41	65	89 932	12 166,211	153 819,255	12,643	12,177
42	66	89 097	11 479,184	141 653,044	12,340	11,874
43	67	88 189	10 821,151	130 173,860	12,030	11,563
44	68	87 218	10 192,418	119 352,709	11,710	11,244
45	69	86 150	9 588,203	109 160,291	11,385	10,918
46	70	84 988	9 008,430	99 572,088	11,053	10,587
47	71	83 734	8 452,906	90 563,658	10,714	10,248
48	72	82 391	7 921,281	82 110,752	10,366	9,899
49	73	80 955	7 412,585	74 189,471	10,009	9,542
50	74	79 390	6 923,082	66 776,886	9,646	9,179
51	75	77 714	6 454,237	59 853,804	9,274	8,807
52	76	75 937	6 006,361	53 399,567	8,891	8,424
53	77	73 992	5 573,804	47 393,205	8,503	8,036
54	78	71 892	5 157,722	41 819,401	8,108	7,642
55	79	69 547	4 751,891	36 661,680	7,715	7,249
56	80	66 964	4 357,523	31 909,789	7,323	6,857
57	81	64 097	3 972,365	27 552,266	6,936	6,470
58	82	60 912	3 595,205	23 579,901	6,559	6,092
59	83	57 432	3 228,382	19 984,696	6,190	5,724
60	84	53 691	2 874,362	16 756,314	5,830	5,363
61	85	49 699	2 533,945	13 881,952	5,478	5,012
62	86	45 418	2 205,444	11 348,007	5,145	4,679
63	87	40 964	1 894,413	9 142,564	4,826	4,360
64	88	36 391	1 602,806	7 248,151	4,522	4,056
65	89	31 776	1 332,883	5 645,346	4,235	3,769
66	90	27 234	1 087,960	4 312,463	3,964	3,497
67	91	22 832	868,676	3 224,503	3,712	3,246
68	92	18 662	676,232	2 355,827	3,484	3,017
69	93	14 872	513,237	1 679,595	3,273	2,806
70	94	11 516	378,493	1 166,357	3,082	2,615
71	95	8 668	271,313	787,864	2,904	2,437
72	96	6 317	188,320	516,551	2,743	2,277
73	97	4 395	124,765	328,231	2,631	2,164
74	98	2 992	80,899	203,466	2,515	2,049
75	99	1 991	51,277	122,567	2,390	1,924
76	100	1 276	31,291	71,290	2,278	1,812

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 403	99 403,183	1 926 415,758	19,380	18,913
1	26	99 030	94 314,515	1 827 012,576	19,371	18,905
2	27	98 984	89 781,619	1 732 698,061	19,299	18,833
3	28	98 947	85 474,559	1 642 916,441	19,221	18,755
4	29	98 913	81 376,294	1 557 441,882	19,139	18,672
5	30	98 877	77 472,923	1 476 065,588	19,053	18,586
6	31	98 836	73 752,927	1 398 592,666	18,963	18,497
7	32	98 796	70 212,444	1 324 839,738	18,869	18,403
8	33	98 754	66 840,325	1 254 627,294	18,771	18,304
9	34	98 710	63 629,073	1 187 786,969	18,667	18,201
10	35	98 662	60 569,667	1 124 157,897	18,560	18,093
11	36	98 613	57 657,055	1 063 588,229	18,447	17,980
12	37	98 560	54 882,056	1 005 931,175	18,329	17,863
13	38	98 507	52 240,218	951 049,119	18,205	17,739
14	39	98 438	49 717,808	898 808,901	18,078	17,612
15	40	98 365	47 315,409	849 091,093	17,945	17,479
16	41	98 282	45 024,196	801 775,684	17,808	17,341
17	42	98 185	42 837,840	756 751,488	17,665	17,199
18	43	98 080	40 754,359	713 913,648	17,517	17,051
19	44	97 954	38 763,571	673 159,289	17,366	16,899
20	45	97 820	36 867,188	634 395,718	17,208	16,741
21	46	97 665	35 056,006	597 528,529	17,045	16,579
22	47	97 506	33 332,510	562 472,523	16,875	16,408
23	48	97 328	31 687,365	529 140,013	16,699	16,232
24	49	97 134	30 117,998	497 452,648	16,517	16,050
25	50	96 918	28 620,069	467 334,650	16,329	15,863
26	51	96 696	27 194,781	438 714,581	16,132	15,666
27	52	96 444	25 832,437	411 519,800	15,930	15,464
28	53	96 175	24 533,589	385 687,363	15,721	15,254
29	54	95 881	23 294,029	361 153,774	15,504	15,038
30	55	95 555	22 109,165	337 859,745	15,281	14,815
31	56	95 191	20 976,228	315 750,580	15,053	14,586
32	57	94 792	19 893,642	294 774,352	14,818	14,351
33	58	94 360	18 860,013	274 880,711	14,575	14,108
34	59	93 881	17 870,708	256 020,698	14,326	13,860
35	60	93 367	16 926,585	238 149,990	14,070	13,603
36	61	92 800	16 022,642	221 223,404	13,807	13,341
37	62	92 193	15 159,853	205 200,763	13,536	13,069
38	63	91 538	14 335,327	190 040,909	13,257	12,790
39	64	90 823	13 546,073	175 705,582	12,971	12,505
40	65	90 044	12 790,353	162 159,509	12,678	12,212
41	66	89 216	12 069,241	149 369,156	12,376	11,910
42	67	88 316	11 378,602	137 299,915	12,067	11,600
43	68	87 353	10 718,542	125 921,312	11,748	11,282
44	69	86 305	10 085,747	115 202,770	11,422	10,956
45	70	85 155	9 477,415	105 117,023	11,091	10,625
46	71	83 917	8 894,935	95 639,608	10,752	10,286
47	72	82 587	8 337,086	86 744,673	10,405	9,938
48	73	81 171	7 803,938	78 407,586	10,047	9,581
49	74	79 626	7 290,899	70 603,648	9,684	9,217
50	75	77 973	6 799,552	63 312,749	9,311	8,845
51	76	76 219	6 330,113	56 513,197	8,928	8,461
52	77	74 300	5 876,828	50 183,084	8,539	8,073
53	78	72 231	5 441,167	44 306,255	8,143	7,676
54	79	69 919	5 016,152	38 865,088	7,748	7,282
55	80	67 362	4 602,613	33 848,936	7,354	6,888
56	81	64 522	4 198,641	29 246,323	6,966	6,499
57	82	61 362	3 802,849	25 047,682	6,587	6,120
58	83	57 904	3 417,677	21 244,833	6,216	5,750
59	84	54 175	3 045,296	17 827,155	5,854	5,388
60	85	50 192	2 687,059	14 781,860	5,501	5,035
61	86	45 915	2 341,049	12 094,800	5,166	4,700
62	87	41 459	2 013,173	9 753,751	4,845	4,379
63	88	36 870	1 705,075	7 740,578	4,540	4,073
64	89	32 235	1 419,762	6 035,504	4,251	3,785
65	90	27 660	1 160,251	4 615,742	3,978	3,512
66	91	23 217	927,512	3 455,491	3,726	3,259
67	92	19 004	723,056	2 527,979	3,496	3,030
68	93	15 163	549,437	1 804,923	3,285	2,819
69	94	11 764	405,984	1 255,486	3,092	2,626
70	95	8 866	291,377	849,502	2,915	2,449
71	96	6 477	202,731	558,125	2,753	2,287
72	97	4 513	134,526	355,393	2,642	2,175
73	98	3 080	87,458	220,868	2,525	2,059
74	99	2 055	55,568	133,409	2,401	1,934
75	100	1 320	33,998	77,841	2,290	1,823

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1	0	99 644	94 898,832	1 913 896,015	20,168	19,701
2	1	99 317	90 083,310	1 818 997,183	20,192	19,726
3	2	99 277	85 758,967	1 728 913,873	20,160	19,694
4	3	99 254	81 656,164	1 643 154,905	20,123	19,656
5	4	99 233	77 751,471	1 561 498,741	20,083	19,617
6	5	99 213	74 034,497	1 483 747,270	20,041	19,575
7	6	99 195	70 496,354	1 409 712,773	19,997	19,531
8	7	99 178	67 127,663	1 339 216,418	19,950	19,484
9	8	99 165	63 922,671	1 272 088,755	19,900	19,434
10	9	99 150	60 869,621	1 208 166,084	19,848	19,382
11	10	99 136	57 962,929	1 147 296,463	19,794	19,327
12	11	99 123	55 195,288	1 089 333,534	19,736	19,270
13	12	99 108	52 559,258	1 034 138,246	19,676	19,209
14	13	99 091	50 047,706	981 578,989	19,613	19,146
15	14	99 068	47 653,525	931 531,283	19,548	19,082
16	15	99 043	45 372,870	883 877,757	19,480	19,014
17	16	99 007	43 196,307	838 504,887	19,411	18,945
18	17	98 965	41 121,981	795 308,580	19,340	18,874
19	18	98 914	39 143,455	754 186,598	19,267	18,801
20	19	98 855	37 257,314	715 043,144	19,192	18,726
21	20	98 795	35 461,634	677 785,830	19,113	18,647
22	21	98 736	33 753,056	642 324,196	19,030	18,564
23	22	98 675	32 125,886	608 571,140	18,943	18,477
24	23	98 619	30 578,573	576 445,253	18,851	18,385
25	24	98 554	29 103,383	545 866,681	18,756	18,290
26	25	98 493	27 700,384	516 763,298	18,655	18,189
27	26	98 430	26 364,197	489 062,914	18,550	18,084
28	27	98 366	25 092,439	462 698,718	18,440	17,973
29	28	98 297	23 880,835	437 606,278	18,325	17,858
30	29	98 222	22 726,431	413 725,444	18,205	17,738
31	30	98 142	21 626,472	390 999,012	18,080	17,613
32	31	98 050	20 577,427	369 372,541	17,950	17,484
33	32	97 957	19 578,975	348 795,114	17,815	17,348
34	33	97 852	18 626,615	329 216,139	17,675	17,208
35	34	97 742	17 719,595	310 589,524	17,528	17,062
36	35	97 623	16 855,420	292 869,929	17,375	16,909
37	36	97 499	16 032,374	276 014,509	17,216	16,750
38	37	97 359	15 246,973	259 982,135	17,051	16,585
39	38	97 209	14 498,537	244 735,163	16,880	16,414
40	39	97 042	13 784,429	230 236,625	16,703	16,236
41	40	96 864	13 103,896	216 452,197	16,518	16,052
42	41	96 668	12 454,709	203 348,301	16,327	15,861
43	42	96 458	11 835,770	190 893,592	16,129	15,662
44	43	96 233	11 245,872	179 057,821	15,922	15,456
45	44	95 972	10 681,389	167 811,949	15,711	15,244
46	45	95 691	10 142,972	157 130,560	15,492	15,025
47	46	95 373	9 627,816	146 987,588	15,267	14,801
48	47	95 031	9 136,499	137 359,772	15,034	14,568
49	48	94 649	8 666,429	128 223,272	14,795	14,329
50	49	94 217	8 216,100	119 556,843	14,552	14,085
51	50	93 740	7 785,213	111 340,743	14,302	13,835
52	51	93 220	7 373,351	103 555,529	14,045	13,578
53	52	92 635	6 978,177	96 182,179	13,783	13,317
54	53	91 985	6 599,233	89 204,001	13,517	13,051
55	54	91 261	6 235,519	82 604,768	13,247	12,781
56	55	90 459	5 886,424	76 369,249	12,974	12,507
57	56	89 572	5 551,114	70 482,825	12,697	12,231
58	57	88 597	5 229,239	64 931,711	12,417	11,951
59	58	87 529	4 920,223	59 702,472	12,134	11,668
60	59	86 370	4 623,849	54 782,249	11,848	11,381
61	60	85 118	4 339,851	50 158,399	11,558	11,091
62	61	83 753	4 066,894	45 818,549	11,266	10,800
63	62	82 282	3 805,221	41 751,655	10,972	10,506
64	63	80 716	3 555,044	37 946,434	10,674	10,208
65	64	79 029	3 314,977	34 391,390	10,375	9,908
66	65	77 229	3 085,206	31 076,413	10,073	9,606
67	66	75 341	2 866,468	27 991,207	9,765	9,299
68	67	73 337	2 657,350	25 124,740	9,455	8,988
69	68	71 248	2 458,731	22 467,389	9,138	8,671
70	69	69 015	2 268,251	20 008,658	8,821	8,355
71	70	66 696	2 087,656	17 740,407	8,498	8,031
72	71	64 233	1 914,823	15 652,751	8,175	7,708
73	72	61 694	1 751,558	13 737,928	7,843	7,377
74	73	59 033	1 596,196	11 986,371	7,509	7,043
75	74	56 259	1 448,752	10 390,175	7,172	6,705
76	75	53 397	1 309,582	8 941,423	6,828	6,361
77	76	50 424	1 177,764	7 631,841	6,480	6,014
78	77	47 328	1 052,827	6 454,077	6,130	5,664
79	78	44 101	934,325	5 401,251	5,781	5,315
80	79	40 726	821,734	4 466,926	5,436	4,970
81	80	37 221	715,249	3 645,193	5,096	4,630
82	81	33 550	613,997	2 929,944	4,772	4,306
83	82	29 784	519,132	2 315,947	4,461	3,995
84	83	26 007	431,710	1 796,815	4,162	3,696
85	84	22 275	352,157	1 365,105	3,876	3,410
86	85	18 644	280,712	1 012,948	3,608	3,142
87	86	15 197	217,920	732,236	3,360	2,894
88	87	12 040	164,422	514,316	3,128	2,662
89	88	9 225	119,983	349,893	2,916	2,450
90	89	6 822	84,507	229,910	2,721	2,254
91	90	4 860	57,339	145,403	2,536	2,069
92	91	3 319	37,287	88,064	2,362	1,895
93	92	2 140	22,897	50,777	2,218	1,751
94	93	1 315	13,405	27,880	2,080	1,613
95	94	760	7,372	14,475	1,964	1,497
96	95	415	3,837	7,103	1,851	1,385
97	96	210	1,850	3,267	1,766	1,299
98	97	100	0,835	1,416	1,696	1,230
99	98	45	0,356	0,581	1,631	1,165
100	99	19	0,144	0,225	1,566	1,100

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 616	90 354,858	1 820 450,825	20,148	19,681
3	1	99 301	85 780,236	1 730 095,968	20,169	19,703
4	2	99 266	81 666,309	1 644 315,732	20,135	19,668
5	3	99 243	77 759,491	1 562 649,423	20,096	19,630
6	4	99 223	74 041,582	1 484 889,932	20,055	19,588
7	5	99 204	70 502,635	1 410 848,351	20,011	19,545
8	6	99 187	67 133,602	1 340 345,716	19,965	19,499
9	7	99 170	63 925,641	1 273 212,114	19,917	19,451
10	8	99 157	60 873,863	1 209 286,473	19,865	19,399
11	9	99 142	57 966,475	1 148 412,610	19,812	19,345
12	10	99 129	55 198,517	1 090 446,135	19,755	19,289
13	11	99 116	52 563,322	1 035 247,619	19,695	19,229
14	12	99 099	50 051,636	982 684,297	19,633	19,167
15	13	99 078	47 658,015	932 632,660	19,569	19,103
16	14	99 052	45 377,054	884 974,645	19,503	19,036
17	15	99 019	43 201,564	839 597,591	19,434	18,968
18	16	98 980	41 128,037	796 396,027	19,364	18,897
19	17	98 927	39 148,785	755 267,990	19,292	18,826
20	18	98 874	37 264,656	716 119,204	19,217	18,751
21	19	98 812	35 467,833	678 854,549	19,140	18,674
22	20	98 755	33 759,298	643 386,716	19,058	18,592
23	21	98 692	32 131,185	609 627,418	18,973	18,507
24	22	98 635	30 583,552	577 496,233	18,883	18,416
25	23	98 572	29 108,621	546 912,681	18,789	18,322
26	24	98 511	27 705,369	517 804,060	18,690	18,223
27	25	98 448	26 369,213	490 098,691	18,586	18,120
28	26	98 384	25 097,163	463 729,478	18,477	18,011
29	27	98 318	23 885,974	438 632,316	18,364	17,897
30	28	98 245	22 731,788	414 746,341	18,245	17,779
31	29	98 167	21 632,069	392 014,553	18,122	17,656
32	30	98 081	20 583,955	370 382,484	17,994	17,527
33	31	97 988	19 585,125	349 798,530	17,860	17,394
34	32	97 886	18 632,999	330 213,405	17,722	17,256
35	33	97 777	17 725,982	311 580,406	17,578	17,111
36	34	97 663	16 862,266	293 854,424	17,427	16,960
37	35	97 540	16 038,984	276 992,158	17,270	16,804
38	36	97 404	15 253,967	260 953,174	17,107	16,641
39	37	97 255	14 505,423	245 699,207	16,938	16,472
40	38	97 101	13 792,749	231 193,785	16,762	16,296
41	39	96 922	13 111,778	217 401,035	16,581	16,114
42	40	96 735	12 463,255	204 289,257	16,391	15,925
43	41	96 529	11 844,538	191 826,002	16,195	15,729
44	42	96 309	11 254,806	179 981,464	15,992	15,525
45	43	96 060	10 691,097	168 726,658	15,782	15,316
46	44	95 784	10 152,826	158 035,561	15,566	15,099
47	45	95 483	9 638,923	147 882,735	15,342	14,876
48	46	95 147	9 147,637	138 243,812	15,113	14,646
49	47	94 779	8 678,321	129 096,175	14,876	14,409
50	48	94 368	8 229,218	120 417,854	14,633	14,167
51	49	93 904	7 798,846	112 188,636	14,385	13,919
52	50	93 393	7 387,040	104 389,790	14,131	13,665
53	51	92 834	6 993,162	97 002,749	13,871	13,405
54	52	92 200	6 614,665	90 009,588	13,608	13,141
55	53	91 496	6 251,571	83 394,923	13,340	12,873
56	54	90 721	5 903,477	77 143,352	13,067	12,601
57	55	89 863	5 569,189	71 239,874	12,792	12,325
58	56	88 915	5 248,011	65 670,685	12,513	12,047
59	57	87 874	4 939,607	60 422,674	12,232	11,766
60	58	86 747	4 644,048	55 483,068	11,947	11,481
61	59	85 521	4 360,372	50 839,020	11,659	11,193
62	60	84 197	4 088,464	46 478,647	11,368	10,902
63	61	82 753	3 826,981	42 390,183	11,077	10,610
64	62	81 214	3 576,987	38 563,202	10,781	10,315
65	63	79 566	3 337,501	34 986,215	10,483	10,016
66	64	77 810	3 108,434	31 648,714	10,182	9,715
67	65	75 946	2 889,498	28 540,280	9,877	9,411
68	66	73 985	2 680,840	25 650,782	9,568	9,102
69	67	71 930	2 482,268	22 969,942	9,254	8,787
70	68	69 745	2 292,241	20 487,673	8,938	8,471
71	69	67 476	2 112,060	18 195,432	8,615	8,149
72	70	65 053	1 939,255	16 083,372	8,294	7,827
73	71	62 551	1 775,890	14 144,117	7,965	7,498
74	72	59 921	1 620,197	12 368,227	7,634	7,167
75	73	57 198	1 472,931	10 748,030	7,297	6,831
76	74	54 367	1 333,373	9 275,098	6,956	6,490
77	75	51 412	1 200,858	7 941,725	6,613	6,147
78	76	48 372	1 076,032	6 740,867	6,265	5,798
79	77	45 176	957,100	5 664,835	5,919	5,452
80	78	41 876	844,925	4 707,735	5,572	5,105
81	79	38 428	738,447	3 862,809	5,231	4,765
82	80	34 819	637,231	3 124,363	4,903	4,437
83	81	31 112	542,273	2 487,131	4,586	4,120
84	82	27 358	454,135	1 944,858	4,283	3,816
85	83	23 615	373,329	1 490,724	3,993	3,527
86	84	19 944	300,279	1 117,395	3,721	3,255
87	85	16 450	235,876	817,116	3,464	2,998
88	86	13 190	180,126	581,239	3,227	2,760
89	87	10 249	133,307	401,114	3,009	2,543
90	88	7 702	95,403	267,807	2,807	2,341
91	89	5 584	65,870	172,404	2,617	2,151
92	90	3 893	43,737	106,534	2,436	1,969
93	91	2 571	27,508	62,797	2,283	1,816
94	92	1 619	16,498	35,289	2,139	1,673
95	93	960	9,319	18,791	2,016	1,550
96	94	539	4,984	9,471	1,900	1,434
97	95	281	2,476	4,487	1,812	1,346
98	96	139	1,169	2,011	1,721	1,254
99	97	64	0,508	0,842	1,657	1,191
100	98	27	0,209	0,334	1,597	1,131

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 601	86 038,812	1 731 441,287	20,124	19,658
4	1	99 291	81 686,563	1 645 402,476	20,143	19,676
5	2	99 255	77 769,151	1 563 715,913	20,107	19,641
6	3	99 233	74 049,218	1 485 946,761	20,067	19,601
7	4	99 214	70 509,382	1 411 897,543	20,024	19,558
8	5	99 196	67 139,583	1 341 388,162	19,979	19,513
9	6	99 178	63 931,296	1 274 248,579	19,932	19,465
10	7	99 162	60 876,691	1 210 317,283	19,881	19,415
11	8	99 149	57 970,514	1 149 440,592	19,828	19,362
12	9	99 135	55 201,894	1 091 470,077	19,772	19,306
13	10	99 122	52 566,397	1 036 268,184	19,714	19,247
14	11	99 106	50 055,507	983 701,787	19,652	19,186
15	12	99 085	47 661,758	933 646,280	19,589	19,123
16	13	99 062	45 381,330	885 984,522	19,523	19,057
17	14	99 028	43 205,547	840 603,192	19,456	18,990
18	15	98 992	41 133,042	797 397,645	19,386	18,919
19	16	98 942	39 154,550	756 264,603	19,315	18,848
20	17	98 888	37 269,730	717 110,052	19,241	18,775
21	18	98 832	35 474,822	679 840,322	19,164	18,698
22	19	98 772	33 765,200	644 365,499	19,084	18,617
23	20	98 710	32 137,126	610 600,300	19,000	18,533
24	21	98 651	30 588,596	578 463,174	18,911	18,445
25	22	98 588	29 113,361	547 874,578	18,819	18,352
26	23	98 529	27 710,356	518 761,217	18,721	18,254
27	24	98 466	26 373,958	491 050,861	18,619	18,152
28	25	98 403	25 101,938	464 676,903	18,512	18,045
29	26	98 336	23 890,471	439 574,965	18,400	17,933
30	27	98 267	22 736,680	415 684,494	18,283	17,816
31	28	98 190	21 637,168	392 947,814	18,161	17,694
32	29	98 107	20 589,283	371 310,646	18,034	17,568
33	30	98 019	19 591,338	350 721,364	17,902	17,435
34	31	97 916	18 638,852	331 130,026	17,766	17,299
35	32	97 810	17 732,058	312 491,174	17,623	17,157
36	33	97 698	16 868,344	294 759,117	17,474	17,008
37	34	97 579	16 045,498	277 890,772	17,319	16,853
38	35	97 444	15 260,256	261 845,274	17,159	16,692
39	36	97 300	14 512,076	246 585,018	16,992	16,525
40	37	97 147	13 799,299	232 072,942	16,818	16,351
41	38	96 981	13 119,693	218 273,643	16,637	16,171
42	39	96 793	12 470,752	205 153,950	16,451	15,984
43	40	96 595	11 852,665	192 683,198	16,257	15,790
44	41	96 380	11 263,143	180 830,533	16,055	15,589
45	42	96 136	10 699,590	169 567,389	15,848	15,382
46	43	95 871	10 162,054	158 867,799	15,633	15,167
47	44	95 576	9 648,287	148 705,745	15,413	14,946
48	45	95 257	9 158,189	139 057,458	15,184	14,718
49	46	94 894	8 688,900	129 899,269	14,950	14,484
50	47	94 497	8 240,510	121 210,369	14,709	14,243
51	48	94 054	7 811,298	112 969,859	14,462	13,996
52	49	93 556	7 399,976	105 158,561	14,211	13,744
53	50	93 006	7 006,145	97 758,585	13,953	13,487
54	51	92 398	6 628,869	90 752,439	13,690	13,224
55	52	91 710	6 266,190	84 123,571	13,425	12,959
56	53	90 955	5 918,675	77 857,381	13,155	12,688
57	54	90 124	5 585,323	71 938,706	12,880	12,414
58	55	89 204	5 265,099	66 353,383	12,602	12,136
59	56	88 190	4 957,339	61 088,284	12,323	11,856
60	57	87 089	4 662,344	56 130,946	12,039	11,573
61	58	85 894	4 379,420	51 468,602	11,752	11,286
62	59	84 595	4 107,797	47 089,182	11,463	10,997
63	60	83 192	3 847,279	42 981,385	11,172	10,705
64	61	81 679	3 597,442	39 134,106	10,878	10,412
65	62	80 057	3 358,101	35 536,664	10,582	10,116
66	63	78 339	3 129,555	32 178,563	10,282	9,816
67	64	76 518	2 911,253	29 049,008	9,978	9,512
68	65	74 579	2 702,379	26 137,755	9,672	9,206
69	66	72 566	2 504,211	23 435,376	9,358	8,892
70	67	70 412	2 314,185	20 931,165	9,045	8,578
71	68	68 189	2 134,398	18 616,980	8,722	8,256
72	69	65 813	1 961,924	16 482,582	8,401	7,935
73	70	63 349	1 798,550	14 520,658	8,074	7,607
74	71	60 753	1 642,705	12 722,108	7,745	7,278
75	72	58 058	1 495,079	11 079,403	7,411	6,944
76	73	55 275	1 355,628	9 584,324	7,070	6,604
77	74	52 346	1 222,674	8 228,696	6,730	6,264
78	75	49 320	1 097,132	7 006,022	6,386	5,919
79	76	46 172	978,196	5 908,890	6,041	5,574
80	77	42 896	865,522	4 930,695	5,697	5,230
81	78	39 513	759,288	4 065,173	5,354	4,888
82	79	35 949	657,899	3 305,885	5,025	4,559
83	80	32 289	562,793	2 647,987	4,705	4,239
84	81	28 578	474,378	2 085,193	4,396	3,929
85	82	24 841	392,721	1 610,815	4,102	3,635
86	83	21 143	318,332	1 218,094	3,826	3,360
87	84	17 596	252,318	899,762	3,566	3,100
88	85	14 276	194,968	647,444	3,321	2,854
89	86	11 228	146,038	452,476	3,098	2,632
90	87	8 557	105,996	306,438	2,891	2,425
91	88	6 304	74,363	200,441	2,695	2,229
92	89	4 472	50,245	126,079	2,509	2,043
93	90	3 015	32,266	75,834	2,350	1,884
94	91	1 945	19,821	43,567	2,198	1,732
95	92	1 182	11,470	23,746	2,070	1,604
96	93	682	6,301	12,276	1,948	1,482
97	94	365	3,216	5,976	1,858	1,392
98	95	187	1,564	2,760	1,764	1,297
99	96	89	0,712	1,195	1,679	1,213
100	97	39	0,298	0,483	1,621	1,154

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4	0	99 590	81 932,799	1 646 646,934	20,098	19,631
5	1	99 280	77 788,438	1 564 714,135	20,115	19,649
6	2	99 245	74 058,418	1 486 925,697	20,078	19,611
7	3	99 224	70 516,654	1 412 867,279	20,036	19,570
8	4	99 205	67 146,008	1 342 350,625	19,992	19,525
9	5	99 187	63 936,992	1 275 204,617	19,945	19,478
10	6	99 170	60 882,077	1 211 267,625	19,895	19,429
11	7	99 154	57 973,207	1 150 385,549	19,843	19,377
12	8	99 142	55 205,741	1 092 412,341	19,788	19,322
13	9	99 128	52 569,613	1 037 206,601	19,730	19,264
14	10	99 112	50 058,435	984 636,988	19,670	19,203
15	11	99 093	47 665,444	934 578,553	19,607	19,141
16	12	99 070	45 384,894	886 913,109	19,542	19,076
17	13	99 037	43 209,618	841 528,215	19,475	19,009
18	14	99 001	41 136,835	798 318,597	19,406	18,940
19	15	98 954	39 159,315	757 181,762	19,336	18,870
20	16	98 902	37 275,219	718 022,447	19,263	18,796
21	17	98 845	35 479,653	680 747,228	19,187	18,721
22	18	98 791	33 771,853	645 267,574	19,107	18,640
23	19	98 727	32 142,744	611 495,721	19,024	18,558
24	20	98 670	30 594,252	579 352,977	18,937	18,470
25	21	98 604	29 118,162	548 758,725	18,846	18,380
26	22	98 545	27 714,868	519 640,562	18,750	18,283
27	23	98 484	26 378,705	491 925,694	18,649	18,182
28	24	98 421	25 106,455	465 546,989	18,543	18,077
29	25	98 355	23 895,016	440 440,533	18,432	17,966
30	26	98 285	22 740,960	416 545,517	18,317	17,851
31	27	98 211	21 641,825	393 804,557	18,196	17,730
32	28	98 130	20 594,135	372 162,732	18,071	17,605
33	29	98 045	19 596,408	351 568,597	17,940	17,474
34	30	97 947	18 644,765	331 972,189	17,805	17,339
35	31	97 841	17 737,627	313 327,424	17,665	17,198
36	32	97 732	16 874,126	295 589,797	17,517	17,051
37	33	97 614	16 051,282	278 715,671	17,364	16,898
38	34	97 484	15 266,454	262 664,389	17,205	16,739
39	35	97 340	14 518,060	247 397,935	17,041	16,574
40	36	97 191	13 805,629	232 879,875	16,868	16,402
41	37	97 027	13 125,923	219 074,246	16,690	16,224
42	38	96 851	12 478,280	205 948,323	16,505	16,038
43	39	96 653	11 859,795	193 470,044	16,313	15,847
44	40	96 447	11 270,872	181 610,249	16,113	15,647
45	41	96 207	10 707,517	170 339,377	15,908	15,442
46	42	95 948	10 170,127	159 631,860	15,696	15,230
47	43	95 663	9 657,056	149 461,734	15,477	15,011
48	44	95 349	9 167,087	139 804,678	15,251	14,784
49	45	95 004	8 698,923	130 637,591	15,018	14,551
50	46	94 612	8 250,555	121 938,668	14,779	14,313
51	47	94 183	7 822,016	113 688,112	14,534	14,068
52	48	93 706	7 411,791	105 866,096	14,283	13,817
53	49	93 169	7 018,414	98 454,305	14,028	13,562
54	50	92 569	6 641,176	91 435,891	13,768	13,302
55	51	91 907	6 279,645	84 794,715	13,503	13,037
56	52	91 167	5 932,515	78 515,070	13,235	12,768
57	53	90 356	5 599,701	72 582,555	12,962	12,495
58	54	89 463	5 280,352	66 982,853	12,685	12,219
59	55	88 477	4 973,480	61 702,501	12,406	11,940
60	56	87 401	4 679,080	56 729,021	12,124	11,658
61	57	86 233	4 396,673	52 049,941	11,838	11,372
62	58	84 965	4 125,742	47 653,268	11,550	11,084
63	59	83 585	3 865,471	43 527,526	11,261	10,794
64	60	82 112	3 616,522	39 662,055	10,967	10,501
65	61	80 515	3 377,304	36 045,533	10,673	10,206
66	62	78 822	3 148,872	32 668,228	10,375	9,908
67	63	77 038	2 931,034	29 519,357	10,071	9,605
68	64	75 141	2 722,725	26 588,322	9,765	9,299
69	65	73 149	2 524,331	23 865,597	9,454	8,988
70	66	71 035	2 334,641	21 341,266	9,141	8,675
71	67	68 842	2 154,831	19 006,625	8,820	8,354
72	68	66 509	1 982,674	16 851,795	8,500	8,033
73	69	64 090	1 819,574	14 869,121	8,172	7,705
74	70	61 528	1 663,665	13 049,546	7,844	7,377
75	71	58 864	1 515,849	11 385,881	7,511	7,045
76	72	56 106	1 376,011	9 870,032	7,173	6,707
77	73	53 220	1 243,081	8 494,021	6,833	6,367
78	74	50 216	1 117,064	7 250,940	6,491	6,025
79	75	47 078	997,377	6 133,876	6,150	5,684
80	76	43 842	884,599	5 136,500	5,807	5,340
81	77	40 476	777,797	4 251,901	5,467	5,000
82	78	36 963	676,466	3 474,104	5,136	4,669
83	79	33 337	581,047	2 797,638	4,815	4,348
84	80	29 659	492,329	2 216,591	4,502	4,036
85	81	25 949	410,227	1 724,262	4,203	3,737
86	82	22 241	334,868	1 314,035	3,924	3,458
87	83	18 654	267,488	979,167	3,661	3,194
88	84	15 272	208,558	711,680	3,412	2,946
89	85	12 154	158,072	503,122	3,183	2,716
90	86	9 374	116,120	345,050	2,972	2,505
91	87	7 003	82,620	228,931	2,771	2,304
92	88	5 049	56,723	146,310	2,579	2,113
93	89	3 464	37,067	89,588	2,417	1,950
94	90	2 281	23,250	52,520	2,259	1,793
95	91	1 420	13,780	29,271	2,124	1,658
96	92	839	7,755	15,491	1,998	1,531
97	93	462	4,066	7,736	1,903	1,436
98	94	242	2,032	3,670	1,806	1,339
99	95	119	0,952	1,638	1,720	1,253
100	96	55	0,418	0,685	1,641	1,175

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5	0	99 579	78 022,924	1 565 864,864	20,069	19,603
6	1	99 270	74 076,785	1 487 841,940	20,085	19,619
7	2	99 236	70 525,415	1 413 765,156	20,046	19,580
8	3	99 215	67 152,933	1 343 239,741	20,003	19,536
9	4	99 197	63 943,110	1 276 086,808	19,957	19,490
10	5	99 179	60 887,501	1 212 143,698	19,908	19,442
11	6	99 163	57 978,336	1 151 256,197	19,857	19,390
12	7	99 146	55 208,305	1 093 277,861	19,803	19,336
13	8	99 135	52 573,276	1 038 069,555	19,745	19,279
14	9	99 118	50 061,497	985 496,279	19,686	19,219
15	10	99 099	47 668,232	935 434,782	19,624	19,157
16	11	99 077	45 388,404	887 766,550	19,559	19,093
17	12	99 045	43 213,012	842 378,146	19,494	19,027
18	13	99 010	41 140,711	799 165,134	19,425	18,959
19	14	98 963	39 162,926	758 024,423	19,356	18,889
20	15	98 914	37 279,755	718 861,497	19,283	18,816
21	16	98 860	35 484,878	681 581,743	19,208	18,741
22	17	98 805	33 776,452	646 096,864	19,129	18,662
23	18	98 747	32 149,078	612 320,412	19,046	18,580
24	19	98 687	30 599,601	580 171,334	18,960	18,494
25	20	98 623	29 123,547	549 571,733	18,870	18,404
26	21	98 561	27 719,439	520 448,186	18,776	18,309
27	22	98 500	26 383,001	492 728,747	18,676	18,210
28	23	98 438	25 110,974	466 345,746	18,571	18,105
29	24	98 373	23 899,316	441 234,772	18,462	17,996
30	25	98 304	22 745,287	417 335,456	18,348	17,882
31	26	98 230	21 645,899	394 590,169	18,229	17,763
32	27	98 151	20 598,568	372 944,270	18,105	17,639
33	28	98 068	19 601,027	352 345,702	17,976	17,509
34	29	97 973	18 649,591	332 744,675	17,842	17,376
35	30	97 872	17 743,254	314 095,084	17,702	17,236
36	31	97 763	16 879,426	296 351,830	17,557	17,091
37	32	97 648	16 056,784	279 472,404	17,405	16,939
38	33	97 519	15 271,957	263 415,621	17,248	16,782
39	34	97 380	14 523,956	248 143,664	17,085	16,619
40	35	97 232	13 811,321	233 619,707	16,915	16,449
41	36	97 071	13 131,944	219 808,387	16,738	16,272
42	37	96 897	12 484,205	206 676,443	16,555	16,089
43	38	96 712	11 866,954	194 192,237	16,364	15,898
44	39	96 505	11 277,651	182 325,284	16,167	15,701
45	40	96 273	10 714,864	171 047,632	15,964	15,497
46	41	96 019	10 177,661	160 332,769	15,753	15,287
47	42	95 739	9 664,728	150 155,108	15,536	15,070
48	43	95 436	9 175,418	140 490,380	15,312	14,845
49	44	95 096	8 707,374	131 314,962	15,081	14,614
50	45	94 722	8 260,073	122 607,587	14,843	14,377
51	46	94 298	7 831,551	114 347,514	14,601	14,134
52	47	93 834	7 421,961	106 515,963	14,351	13,885
53	48	93 318	7 029,620	99 094,002	14,097	13,630
54	49	92 731	6 652,806	92 064,382	13,838	13,372
55	50	92 077	6 291,305	85 411,577	13,576	13,110
56	51	91 363	5 945,254	79 120,272	13,308	12,842
57	52	90 567	5 612,796	73 175,018	13,037	12,571
58	53	89 693	5 293,945	67 562,222	12,762	12,296
59	54	88 733	4 987,889	62 268,277	12,484	12,017
60	55	87 686	4 694,316	57 280,389	12,202	11,736
61	56	86 542	4 412,456	52 586,073	11,918	11,451
62	57	85 299	4 141,995	48 173,617	11,631	11,164
63	58	83 950	3 882,357	44 031,621	11,341	10,875
64	59	82 500	3 633,623	40 149,264	11,049	10,583
65	60	80 942	3 395,217	36 515,641	10,755	10,289
66	61	79 273	3 166,878	33 120,424	10,458	9,992
67	62	77 513	2 949,125	29 953,545	10,157	9,690
68	63	75 651	2 741,225	27 004,420	9,851	9,385
69	64	73 700	2 543,336	24 263,194	9,540	9,074
70	65	71 606	2 353,399	21 719,858	9,229	8,763
71	66	69 451	2 173,878	19 366,459	8,909	8,442
72	67	67 146	2 001,654	17 192,581	8,589	8,123
73	68	64 768	1 838,819	15 190,927	8,261	7,795
74	69	62 247	1 683,113	13 352,108	7,933	7,467
75	70	59 616	1 535,190	11 668,995	7,601	7,135
76	71	56 885	1 395,127	10 133,805	7,264	6,797
77	72	54 020	1 261,772	8 738,678	6,926	6,459
78	73	51 054	1 135,708	7 476,905	6,583	6,117
79	74	47 933	1 015,496	6 341,198	6,244	5,778
80	75	44 702	901,944	5 325,701	5,905	5,438
81	76	41 368	794,940	4 423,757	5,565	5,098
82	77	37 864	692,956	3 628,817	5,237	4,770
83	78	34 278	597,445	2 935,860	4,914	4,448
84	79	30 621	508,297	2 338,415	4,600	4,134
85	80	26 931	425,751	1 830,118	4,299	3,832
86	81	23 232	349,795	1 404,367	4,015	3,548
87	82	19 623	281,382	1 054,573	3,748	3,281
88	83	16 190	221,097	773,191	3,497	3,031
89	84	13 001	169,090	552,094	3,265	2,799
90	85	10 147	125,688	383,004	3,047	2,581
91	86	7 672	90,511	257,317	2,843	2,377
92	87	5 609	63,021	166,806	2,647	2,180
93	88	3 911	41,846	103,784	2,480	2,014
94	89	2 621	26,709	61,938	2,319	1,853
95	90	1 665	16,164	35,229	2,179	1,713
96	91	1 008	9,316	19,065	2,046	1,580
97	92	568	5,004	9,749	1,948	1,482
98	93	306	2,569	4,744	1,847	1,380
99	94	155	1,237	2,175	1,759	1,292
100	95	73	0,559	0,938	1,679	1,213

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	74 300,082	1 488 905,732	20,039	19,573
7	1	99 261	70 542,905	1 414 605,650	20,053	19,587
8	2	99 228	67 161,276	1 344 062,745	20,012	19,546
9	3	99 207	63 949,705	1 276 901,469	19,967	19,501
10	4	99 189	60 893,327	1 212 951,764	19,919	19,453
11	5	99 171	57 983,501	1 152 058,436	19,869	19,402
12	6	99 155	55 213,189	1 094 074,935	19,815	19,349
13	7	99 139	52 575,719	1 038 861,746	19,759	19,293
14	8	99 125	50 064,986	986 286,027	19,700	19,234
15	9	99 105	47 671,148	936 221,041	19,639	19,173
16	10	99 083	45 391,059	888 549,892	19,575	19,109
17	11	99 053	43 216,354	843 158,834	19,510	19,044
18	12	99 018	41 143,942	799 942,480	19,443	18,976
19	13	98 972	39 166,616	758 798,538	19,374	18,907
20	14	98 923	37 283,193	719 631,922	19,302	18,835
21	15	98 872	35 489,196	682 348,730	19,227	18,761
22	16	98 819	33 781,427	646 859,534	19,148	18,682
23	17	98 760	32 153,456	613 078,107	19,067	18,601
24	18	98 706	30 605,630	580 924,651	18,981	18,515
25	19	98 640	29 128,638	550 319,020	18,893	18,426
26	20	98 579	27 724,565	521 190,382	18,799	18,332
27	21	98 516	26 387,352	493 465,817	18,701	18,234
28	22	98 454	25 115,063	467 078,465	18,598	18,131
29	23	98 391	23 903,618	441 963,402	18,489	18,023
30	24	98 322	22 749,380	418 059,784	18,377	17,910
31	25	98 249	21 650,017	395 310,403	18,259	17,793
32	26	98 169	20 602,445	373 660,387	18,137	17,670
33	27	98 089	19 605,246	353 057,941	18,008	17,542
34	28	97 996	18 653,986	333 452,695	17,876	17,409
35	29	97 897	17 747,847	314 798,709	17,737	17,271
36	30	97 794	16 884,780	297 050,862	17,593	17,126
37	31	97 679	16 061,827	280 166,082	17,443	16,977
38	32	97 552	15 277,191	264 104,255	17,287	16,821
39	33	97 415	14 529,192	248 827,063	17,126	16,660
40	34	97 271	13 816,931	234 297,872	16,957	16,491
41	35	97 111	13 137,358	220 480,941	16,783	16,316
42	36	96 942	12 489,932	207 343,583	16,601	16,134
43	37	96 758	11 872,589	194 853,651	16,412	15,946
44	38	96 563	11 284,459	182 981,062	16,215	15,749
45	39	96 331	10 721,309	171 696,603	16,015	15,548
46	40	96 085	10 184,644	160 975,294	15,806	15,339
47	41	95 809	9 671,888	150 790,650	15,591	15,124
48	42	95 512	9 182,707	141 118,763	15,368	14,901
49	43	95 183	8 715,289	131 936,055	15,138	14,672
50	44	94 814	8 268,098	123 220,767	14,903	14,437
51	45	94 407	7 840,585	114 952,669	14,661	14,195
52	46	93 949	7 431,009	107 112,084	14,414	13,948
53	47	93 446	7 039,266	99 681,075	14,161	13,694
54	48	92 879	6 663,427	92 641,809	13,903	13,437
55	49	92 238	6 302,321	85 978,382	13,642	13,176
56	50	91 533	5 956,292	79 676,061	13,377	12,910
57	51	90 761	5 624,848	73 719,768	13,106	12,640
58	52	89 903	5 306,325	68 094,920	12,833	12,366
59	53	88 961	5 000,729	62 788,596	12,556	12,089
60	54	87 940	4 707,915	57 787,867	12,275	11,808
61	55	86 824	4 426,824	53 079,952	11,991	11,524
62	56	85 606	4 156,864	48 653,128	11,704	11,238
63	57	84 281	3 897,652	44 496,264	11,416	10,950
64	58	82 861	3 649,497	40 598,612	11,124	10,658
65	59	81 324	3 411,272	36 949,115	10,831	10,365
66	60	79 693	3 183,675	33 537,843	10,534	10,068
67	61	77 957	2 965,990	30 354,168	10,234	9,768
68	62	76 118	2 758,145	27 388,178	9,930	9,464
69	63	74 200	2 560,618	24 630,033	9,619	9,152
70	64	72 145	2 371,117	22 069,416	9,308	8,841
71	65	70 009	2 191,344	19 698,298	8,989	8,523
72	66	67 739	2 019,348	17 506,954	8,670	8,203
73	67	65 388	1 856,422	15 487,606	8,343	7,876
74	68	62 906	1 700,914	13 631,184	8,014	7,548
75	69	60 312	1 553,136	11 930,270	7,681	7,215
76	70	57 611	1 412,928	10 377,134	7,344	6,878
77	71	54 771	1 279,301	8 964,206	7,007	6,541
78	72	51 822	1 152,784	7 684,905	6,666	6,200
79	73	48 733	1 032,445	6 532,120	6,327	5,860
80	74	45 514	918,330	5 499,675	5,989	5,522
81	75	42 179	810,528	4 581,345	5,652	5,186
82	76	38 699	708,230	3 770,817	5,324	4,858
83	77	35 113	612,009	3 062,587	5,004	4,538
84	78	31 485	522,643	2 450,578	4,689	4,222
85	79	27 804	439,559	1 927,935	4,386	3,920
86	80	24 111	363,031	1 488,376	4,100	3,633
87	81	20 498	293,925	1 125,345	3,829	3,362
88	82	17 031	232,581	831,420	3,575	3,108
89	83	13 782	179,256	598,839	3,341	2,874
90	84	10 854	134,449	419,583	3,121	2,654
91	85	8 305	97,969	285,134	2,910	2,444
92	86	6 145	69,040	187,165	2,711	2,245
93	87	4 345	46,493	118,125	2,541	2,074
94	88	2 959	30,153	71,632	2,376	1,909
95	89	1 913	18,569	41,480	2,234	1,767
96	90	1 182	10,928	22,911	2,097	1,630
97	91	683	6,012	11,983	1,993	1,527
98	92	377	3,162	5,971	1,888	1,422
99	93	196	1,564	2,809	1,796	1,330
100	94	95	0,726	1,245	1,715	1,248

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 560	70 755,550	1 415 588,936	20,007	19,540
8	1	99 252	67 177,932	1 344 833,386	20,019	19,553
9	2	99 219	63 957,650	1 277 655,454	19,977	19,510
10	3	99 199	60 899,608	1 213 697,804	19,929	19,463
11	4	99 181	57 989,050	1 152 798,196	19,880	19,413
12	5	99 164	55 218,108	1 094 809,146	19,827	19,361
13	6	99 148	52 580,370	1 039 591,038	19,771	19,305
14	7	99 130	50 067,312	987 010,668	19,714	19,247
15	8	99 112	47 674,471	936 943,356	19,653	19,187
16	9	99 089	45 393,836	889 268,885	19,590	19,124
17	10	99 058	43 218,882	843 875,050	19,526	19,059
18	11	99 025	41 147,124	800 656,168	19,458	18,992
19	12	98 980	39 169,692	759 509,044	19,390	18,924
20	13	98 933	37 286,705	720 339,353	19,319	18,853
21	14	98 881	35 492,469	683 052,647	19,245	18,779
22	15	98 832	33 785,537	647 560,178	19,167	18,700
23	16	98 775	32 158,192	613 774,641	19,086	18,620
24	17	98 720	30 609,798	581 616,450	19,001	18,535
25	18	98 659	29 134,378	551 006,651	18,913	18,446
26	19	98 597	27 729,412	521 872,273	18,820	18,354
27	20	98 534	26 392,231	494 142,861	18,723	18,257
28	21	98 471	25 119,205	467 750,630	18,621	18,155
29	22	98 407	23 907,511	442 631,425	18,514	18,048
30	23	98 339	22 753,475	418 723,914	18,403	17,936
31	24	98 266	21 653,913	395 970,439	18,286	17,820
32	25	98 188	20 606,365	374 316,526	18,165	17,699
33	26	98 107	19 608,936	353 710,161	18,038	17,572
34	27	98 017	18 658,001	334 101,224	17,907	17,440
35	28	97 920	17 752,030	315 443,223	17,769	17,303
36	29	97 819	16 889,151	297 691,193	17,626	17,160
37	30	97 709	16 066,922	280 802,042	17,477	17,011
38	31	97 583	15 281,990	264 735,120	17,323	16,857
39	32	97 448	14 534,172	249 453,130	17,163	16,697
40	33	97 306	13 821,911	234 918,959	16,996	16,530
41	34	97 151	13 142,694	221 097,048	16,823	16,356
42	35	96 982	12 495,082	207 954,353	16,643	16,176
43	36	96 802	11 878,035	195 459,272	16,456	15,989
44	37	96 609	11 289,818	183 581,237	16,261	15,794
45	38	96 389	10 727,780	172 291,419	16,060	15,594
46	39	96 142	10 190,770	161 563,639	15,854	15,388
47	40	95 875	9 678,524	151 372,868	15,640	15,174
48	41	95 583	9 189,510	141 694,344	15,419	14,953
49	42	95 258	8 722,212	132 504,834	15,192	14,725
50	43	94 900	8 275,613	123 782,623	14,958	14,491
51	44	94 498	7 848,203	115 507,010	14,718	14,251
52	45	94 057	7 439,581	107 658,807	14,471	14,005
53	46	93 560	7 047,846	100 219,227	14,220	13,753
54	47	93 007	6 672,571	93 171,380	13,963	13,497
55	48	92 386	6 312,384	86 498,809	13,703	13,237
56	49	91 693	5 966,722	80 186,426	13,439	12,973
57	50	90 930	5 635,291	74 219,703	13,171	12,704
58	51	90 096	5 317,719	68 584,412	12,897	12,431
59	52	89 169	5 012,423	63 266,693	12,622	12,156
60	53	88 166	4 720,035	58 254,270	12,342	11,876
61	54	87 075	4 439,648	53 534,236	12,058	11,592
62	55	85 884	4 170,399	49 094,587	11,772	11,306
63	56	84 583	3 911,644	44 924,188	11,485	11,018
64	57	83 187	3 663,874	41 012,544	11,194	10,727
65	58	81 680	3 426,174	37 348,670	10,901	10,435
66	59	80 070	3 198,730	33 922,497	10,605	10,139
67	60	78 370	2 981,721	30 723,767	10,304	9,838
68	61	76 554	2 773,917	27 742,046	10,001	9,535
69	62	74 658	2 576,422	24 968,128	9,691	9,225
70	63	72 635	2 387,229	22 391,706	9,380	8,913
71	64	70 536	2 207,843	20 004,477	9,061	8,594
72	65	68 284	2 035,572	17 796,635	8,743	8,276
73	66	65 966	1 872,832	15 761,062	8,416	7,949
74	67	63 508	1 717,197	13 888,230	8,088	7,621
75	68	60 950	1 569,563	12 171,033	7,754	7,288
76	69	58 285	1 429,445	10 601,471	7,416	6,950
77	70	55 470	1 295,624	9 172,026	7,079	6,613
78	71	52 542	1 168,799	7 876,402	6,739	6,272
79	72	49 466	1 047,969	6 707,603	6,401	5,934
80	73	46 273	933,657	5 659,633	6,062	5,595
81	74	42 946	825,253	4 725,976	5,727	5,260
82	75	39 458	722,117	3 900,723	5,402	4,935
83	76	35 887	625,498	3 178,606	5,082	4,615
84	77	32 253	535,383	2 553,107	4,769	4,302
85	78	28 589	451,965	2 017,724	4,464	3,998
86	79	24 893	374,806	1 565,760	4,178	3,711
87	80	21 273	305,047	1 190,954	3,904	3,438
88	81	17 790	242,949	885,907	3,646	3,180
89	82	14 498	188,567	642,958	3,410	2,943
90	83	11 507	142,532	454,391	3,188	2,722
91	84	8 883	104,798	311,859	2,976	2,509
92	85	6 651	74,729	207,061	2,771	2,304
93	86	4 760	50,933	132,332	2,598	2,132
94	87	3 287	33,501	81,399	2,430	1,963
95	88	2 160	20,963	47,898	2,285	1,818
96	89	1 358	12,554	26,935	2,146	1,679
97	90	801	7,052	14,381	2,039	1,573
98	91	453	3,799	7,329	1,929	1,463
99	92	241	1,925	3,530	1,834	1,368
100	93	121	0,918	1,605	1,749	1,283

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 552	67 380,434	1 345 742,222	19,972	19,506
9	1	99 244	63 973,512	1 278 361,789	19,983	19,516
10	2	99 211	60 907,174	1 214 388,277	19,938	19,472
11	3	99 191	57 995,031	1 153 481,103	19,889	19,423
12	4	99 173	55 223,392	1 095 486,072	19,837	19,371
13	5	99 157	52 585,054	1 040 262,679	19,782	19,316
14	6	99 139	50 071,741	987 677,625	19,725	19,259
15	7	99 116	47 676,685	937 605,884	19,666	19,200
16	8	99 096	45 396,999	889 929,198	19,603	19,137
17	9	99 065	43 221,526	844 532,199	19,540	19,073
18	10	99 031	41 149,531	801 310,674	19,473	19,007
19	11	98 988	39 172,721	760 161,143	19,405	18,939
20	12	98 940	37 289,634	720 988,422	19,335	18,868
21	13	98 890	35 495,813	683 698,789	19,261	18,795
22	14	98 841	33 788,653	648 202,976	19,184	18,718
23	15	98 787	32 162,105	614 414,323	19,104	18,637
24	16	98 734	30 614,306	582 252,218	19,019	18,553
25	17	98 673	29 138,346	551 637,912	18,932	18,465
26	18	98 616	27 734,876	522 499,566	18,839	18,373
27	19	98 551	26 396,845	494 764,690	18,743	18,277
28	20	98 489	25 123,850	468 367,845	18,642	18,176
29	21	98 423	23 911,453	443 243,995	18,537	18,070
30	22	98 355	22 757,180	419 332,541	18,426	17,960
31	23	98 284	21 657,811	396 575,361	18,311	17,845
32	24	98 206	20 610,074	374 917,550	18,191	17,725
33	25	98 126	19 612,667	354 307,477	18,065	17,599
34	26	98 035	18 661,513	334 694,810	17,935	17,469
35	27	97 942	17 755,851	316 033,296	17,799	17,332
36	28	97 842	16 893,132	298 277,446	17,657	17,190
37	29	97 735	16 071,081	281 384,314	17,509	17,042
38	30	97 614	15 286,838	265 313,233	17,356	16,889
39	31	97 479	14 538,737	250 026,395	17,197	16,731
40	32	97 339	13 826,649	235 487,659	17,031	16,565
41	33	97 186	13 147,432	221 661,010	16,860	16,393
42	34	97 021	12 500,157	208 513,579	16,681	16,214
43	35	96 842	11 882,933	196 013,422	16,495	16,029
44	36	96 653	11 294,996	184 130,489	16,302	15,836
45	37	96 435	10 732,875	172 835,493	16,103	15,637
46	38	96 200	10 196,922	162 102,618	15,897	15,431
47	39	95 933	9 684,346	151 905,697	15,686	15,219
48	40	95 648	9 195,815	142 221,351	15,466	14,999
49	41	95 329	8 728,673	133 025,536	15,240	14,774
50	42	94 975	8 282,187	124 296,862	15,008	14,541
51	43	94 584	7 855,336	116 014,676	14,769	14,302
52	44	94 149	7 446,808	108 159,340	14,524	14,058
53	45	93 668	7 055,977	100 712,531	14,273	13,807
54	46	93 120	6 680,705	93 656,555	14,019	13,553
55	47	92 512	6 321,045	86 975,850	13,760	13,293
56	48	91 839	5 976,249	80 654,804	13,496	13,029
57	49	91 089	5 645,159	74 678,556	13,229	12,762
58	50	90 263	5 327,592	69 033,396	12,958	12,491
59	51	89 361	5 023,186	63 705,804	12,682	12,216
60	52	88 373	4 731,072	58 682,619	12,404	11,937
61	53	87 300	4 451,077	53 951,546	12,121	11,655
62	54	86 133	4 182,481	49 500,469	11,835	11,369
63	55	84 859	3 924,380	45 317,988	11,548	11,081
64	56	83 486	3 677,027	41 393,608	11,257	10,791
65	57	82 001	3 439,671	37 716,581	10,965	10,499
66	58	80 420	3 212,703	34 276,910	10,669	10,203
67	59	78 741	2 995,821	31 064,207	10,369	9,903
68	60	76 960	2 788,630	28 068,386	10,065	9,599
69	61	75 085	2 591,155	25 279,756	9,756	9,290
70	62	73 083	2 401,963	22 688,601	9,446	8,979
71	63	71 015	2 222,845	20 286,637	9,126	8,660
72	64	68 798	2 050,898	18 063,793	8,808	8,341
73	65	66 496	1 887,879	16 012,895	8,482	8,016
74	66	64 069	1 732,376	14 125,016	8,154	7,687
75	67	61 534	1 584,588	12 392,639	7,821	7,354
76	68	58 901	1 444,563	10 808,051	7,482	7,015
77	69	56 118	1 310,770	9 363,488	7,144	6,677
78	70	53 212	1 183,712	8 052,718	6,803	6,337
79	71	50 153	1 062,528	6 869,006	6,465	5,998
80	72	46 969	947,696	5 806,478	6,127	5,661
81	73	43 663	839,026	4 858,782	5,791	5,325
82	74	40 174	735,236	4 019,755	5,467	5,001
83	75	36 591	637,763	3 284,519	5,150	4,684
84	76	32 964	547,184	2 646,756	4,837	4,371
85	77	29 286	462,982	2 099,572	4,535	4,068
86	78	25 596	385,384	1 636,590	4,247	3,780
87	79	21 963	314,941	1 251,207	3,973	3,506
88	80	18 463	252,142	936,266	3,713	3,247
89	81	15 144	196,973	684,123	3,473	3,007
90	82	12 104	149,936	487,151	3,249	2,783
91	83	9 417	111,098	337,215	3,035	2,569
92	84	7 115	79,938	226,117	2,829	2,362
93	85	5 152	55,130	146,179	2,652	2,185
94	86	3 601	36,700	91,048	2,481	2,014
95	87	2 400	23,291	54,348	2,333	1,867
96	88	1 533	14,172	31,058	2,191	1,725
97	89	920	8,102	16,885	2,084	1,618
98	90	531	4,456	8,784	1,971	1,505
99	91	290	2,312	4,328	1,872	1,405
100	92	149	1,130	2,016	1,784	1,318

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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9	0	99 543	64 166,354	1 279 201,849	19,936	19,469
10	1	99 236	60 922,279	1 215 035,495	19,944	19,478
11	2	99 204	58 002,236	1 154 113,216	19,898	19,431
12	3	99 184	55 229,088	1 096 110,980	19,847	19,380
13	4	99 166	52 590,086	1 040 881,892	19,792	19,326
14	5	99 147	50 076,202	988 291,805	19,736	19,269
15	6	99 125	47 680,903	938 215,603	19,677	19,211
16	7	99 101	45 399,108	890 534,700	19,616	19,149
17	8	99 071	43 224,538	845 135,592	19,552	19,086
18	9	99 037	41 152,048	801 911,054	19,487	19,020
19	10	98 993	39 175,012	760 759,006	19,419	18,953
20	11	98 948	37 292,517	721 583,994	19,349	18,883
21	12	98 898	35 498,601	684 291,477	19,277	18,810
22	13	98 850	33 791,836	648 792,876	19,200	18,733
23	14	98 796	32 165,070	615 001,040	19,120	18,654
24	15	98 746	30 618,031	582 835,969	19,036	18,569
25	16	98 687	29 142,637	552 217,938	18,949	18,482
26	17	98 630	27 738,653	523 075,301	18,857	18,391
27	18	98 571	26 402,047	495 336,648	18,761	18,295
28	19	98 506	25 128,242	468 934,601	18,662	18,195
29	20	98 441	23 915,875	443 806,359	18,557	18,091
30	21	98 371	22 760,933	419 890,484	18,448	17,981
31	22	98 300	21 661,338	397 129,550	18,334	17,867
32	23	98 223	20 613,783	375 468,213	18,214	17,748
33	24	98 144	19 616,197	354 854,429	18,090	17,623
34	25	98 054	18 665,064	335 238,233	17,961	17,494
35	26	97 960	17 759,193	316 573,169	17,826	17,359
36	27	97 863	16 896,768	298 813,976	17,685	17,218
37	28	97 758	16 074,869	281 917,208	17,538	17,071
38	29	97 639	15 290,794	265 842,339	17,386	16,919
39	30	97 510	14 543,349	250 551,545	17,228	16,762
40	31	97 370	13 830,991	236 008,196	17,064	16,597
41	32	97 219	13 151,938	222 177,205	16,893	16,427
42	33	97 056	12 504,662	209 025,267	16,716	16,249
43	34	96 881	11 887,759	196 520,605	16,531	16,065
44	35	96 693	11 299,653	184 632,846	16,340	15,873
45	36	96 479	10 737,798	173 333,192	16,142	15,676
46	37	96 246	10 201,764	162 595,394	15,938	15,472
47	38	95 991	9 690,191	152 393,630	15,727	15,260
48	39	95 706	9 201,347	142 703,439	15,509	15,043
49	40	95 394	8 734,663	133 502,092	15,284	14,818
50	41	95 046	8 288,322	124 767,429	15,053	14,587
51	42	94 659	7 861,576	116 479,107	14,816	14,350
52	43	94 234	7 453,577	108 617,531	14,573	14,106
53	44	93 759	7 062,832	101 163,954	14,323	13,857
54	45	93 228	6 688,411	94 101,123	14,069	13,603
55	46	92 625	6 328,751	87 412,711	13,812	13,346
56	47	91 966	5 984,449	81 083,961	13,549	13,083
57	48	91 235	5 654,172	75 099,511	13,282	12,816
58	49	90 421	5 336,921	69 445,339	13,012	12,546
59	50	89 527	5 032,512	64 108,418	12,739	12,272
60	51	88 562	4 741,231	59 075,906	12,460	11,994
61	52	87 504	4 461,486	54 334,674	12,179	11,712
62	53	86 355	4 193,248	49 873,189	11,894	11,427
63	54	85 105	3 935,749	45 679,941	11,606	11,140
64	55	83 757	3 688,999	41 744,191	11,316	10,849
65	56	82 296	3 452,019	38 055,192	11,024	10,558
66	57	80 737	3 225,360	34 603,173	10,728	10,262
67	58	79 085	3 008,908	31 377,813	10,428	9,962
68	59	77 324	2 801,816	28 368,906	10,125	9,659
69	60	75 484	2 604,899	25 567,089	9,815	9,349
70	61	73 501	2 415,699	22 962,191	9,505	9,039
71	62	71 453	2 236,565	20 546,492	9,187	8,720
72	63	69 265	2 064,833	18 309,927	8,868	8,401
73	64	66 996	1 902,093	16 245,094	8,541	8,074
74	65	64 584	1 746,295	14 343,001	8,213	7,747
75	66	62 078	1 598,595	12 596,706	7,880	7,413
76	67	59 465	1 458,392	10 998,111	7,541	7,075
77	68	56 712	1 324,633	9 539,719	7,202	6,735
78	69	53 834	1 197,550	8 215,086	6,860	6,394
79	70	50 793	1 076,085	7 017,536	6,521	6,055
80	71	47 622	960,862	5 941,451	6,183	5,717
81	72	44 319	851,642	4 980,589	5,848	5,382
82	73	40 845	747,507	4 128,947	5,524	5,057
83	74	37 256	649,350	3 381,440	5,207	4,741
84	75	33 610	557,913	2 732,090	4,897	4,431
85	76	29 931	473,187	2 174,177	4,595	4,128
86	77	26 220	394,778	1 700,990	4,309	3,842
87	78	22 583	323,829	1 306,212	4,034	3,567
88	79	19 062	260,320	982,383	3,774	3,307
89	80	15 718	204,426	722,063	3,532	3,066
90	81	12 644	156,619	517,636	3,305	2,839
91	82	9 907	116,869	361,017	3,089	2,623
92	83	7 543	84,744	244,148	2,881	2,415
93	84	5 511	58,973	159,404	2,703	2,237
94	85	3 898	39,724	100,431	2,528	2,062
95	86	2 629	25,515	60,706	2,379	1,913
96	87	1 704	15,746	35,191	2,235	1,769
97	88	1 039	9,146	19,445	2,126	1,660
98	89	611	5,119	10,299	2,012	1,546
99	90	340	2,712	5,180	1,910	1,444
100	91	178	1,357	2,468	1,819	1,352

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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9						
10	0	99 535	61 105,923	1 215 812,074	19,897	19,430
11	1	99 228	58 016,621	1 154 706,150	19,903	19,437
12	2	99 196	55 235,950	1 096 689,529	19,855	19,388
13	3	99 177	52 595,511	1 041 453,580	19,801	19,335
14	4	99 157	50 080,994	988 858,069	19,745	19,279
15	5	99 134	47 685,151	938 777,075	19,687	19,221
16	6	99 109	45 403,124	891 091,924	19,626	19,160
17	7	99 076	43 226,546	845 688,800	19,564	19,098
18	8	99 044	41 154,916	802 462,254	19,499	19,032
19	9	98 999	39 177,409	761 307,338	19,432	18,966
20	10	98 954	37 294,699	722 129,929	19,363	18,896
21	11	98 905	35 501,346	684 835,230	19,290	18,824
22	12	98 858	33 794,490	649 333,884	19,214	18,748
23	13	98 805	32 168,101	615 539,394	19,135	18,669
24	14	98 755	30 620,855	583 371,293	19,051	18,585
25	15	98 699	29 146,183	552 750,438	18,965	18,498
26	16	98 644	27 742,738	523 604,255	18,874	18,407
27	17	98 584	26 405,642	495 861,517	18,779	18,312
28	18	98 525	25 133,194	469 455,875	18,679	18,212
29	19	98 458	23 920,056	444 322,681	18,575	18,109
30	20	98 390	22 765,142	420 402,625	18,467	18,001
31	21	98 316	21 664,910	397 637,483	18,354	17,888
32	22	98 239	20 617,140	375 972,573	18,236	17,770
33	23	98 161	19 619,728	355 355,433	18,112	17,646
34	24	98 072	18 668,423	335 735,705	17,984	17,518
35	25	97 979	17 762,572	317 067,282	17,850	17,384
36	26	97 881	16 899,948	299 304,710	17,710	17,244
37	27	97 779	16 078,329	282 404,762	17,564	17,098
38	28	97 662	15 294,398	266 326,434	17,413	16,947
39	29	97 535	14 547,113	251 032,035	17,256	16,790
40	30	97 401	13 835,379	236 484,922	17,093	16,626
41	31	97 250	13 156,069	222 649,543	16,924	16,457
42	32	97 089	12 508,948	209 493,474	16,747	16,281
43	33	96 916	11 892,044	196 984,526	16,564	16,098
44	34	96 732	11 304,243	185 092,482	16,374	15,907
45	35	96 519	10 742,225	173 788,239	16,178	15,712
46	36	96 290	10 206,444	163 046,014	15,975	15,508
47	37	96 036	9 694,793	152 839,570	15,765	15,299
48	38	95 763	9 206,901	143 144,777	15,548	15,081
49	39	95 452	8 739,917	133 937,876	15,325	14,858
50	40	95 111	8 294,009	125 197,959	15,095	14,629
51	41	94 730	7 867,400	116 903,950	14,859	14,393
52	42	94 309	7 459,498	109 036,550	14,617	14,151
53	43	93 844	7 069,251	101 577,052	14,369	13,902
54	44	93 318	6 694,909	94 507,801	14,116	13,650
55	45	92 732	6 336,051	87 812,892	13,859	13,393
56	46	92 078	5 991,744	81 476,841	13,598	13,132
57	47	91 360	5 661,931	75 485,096	13,332	12,866
58	48	90 566	5 345,442	69 823,165	13,062	12,596
59	49	89 684	5 041,325	64 477,723	12,790	12,323
60	50	88 727	4 750,034	59 436,399	12,513	12,046
61	51	87 692	4 471,066	54 686,364	12,231	11,765
62	52	86 557	4 203,053	50 215,299	11,947	11,481
63	53	85 324	3 945,881	46 012,245	11,661	11,194
64	54	84 000	3 699,686	42 066,364	11,370	10,904
65	55	82 564	3 463,259	38 366,678	11,078	10,612
66	56	81 027	3 236,938	34 903,419	10,783	10,316
67	57	79 396	3 020,761	31 666,480	10,483	10,017
68	58	77 661	2 814,056	28 645,719	10,180	9,713
69	59	75 841	2 617,216	25 831,663	9,870	9,403
70	60	73 891	2 428,511	23 214,447	9,559	9,093
71	61	71 862	2 249,354	20 785,935	9,241	8,774
72	62	69 693	2 077,578	18 536,581	8,922	8,456
73	63	67 451	1 915,017	16 459,003	8,595	8,128
74	64	65 070	1 759,443	14 543,986	8,266	7,800
75	65	62 577	1 611,439	12 784,543	7,934	7,467
76	66	59 991	1 471,283	11 173,104	7,594	7,128
77	67	57 254	1 337,314	9 701,821	7,255	6,788
78	68	54 404	1 210,215	8 364,507	6,912	6,445
79	69	51 386	1 088,664	7 154,292	6,572	6,105
80	70	48 229	973,122	6 065,627	6,233	5,767
81	71	44 935	863,473	5 092,505	5,898	5,431
82	72	41 459	758,747	4 229,032	5,574	5,107
83	73	37 877	660,188	3 470,285	5,257	4,790
84	74	34 221	568,049	2 810,097	4,947	4,481
85	75	30 518	482,465	2 242,048	4,647	4,181
86	76	26 798	403,479	1 759,583	4,361	3,895
87	77	23 134	331,723	1 356,104	4,088	3,622
88	78	19 600	267,667	1 024,381	3,827	3,361
89	79	16 227	211,057	756,714	3,585	3,119
90	80	13 122	162,546	545,657	3,357	2,891
91	81	10 348	122,079	383,111	3,138	2,672
92	82	7 934	89,146	261,032	2,928	2,462
93	83	5 843	62,519	171,886	2,749	2,283
94	84	4 170	42,493	109,368	2,574	2,107
95	85	2 846	27,617	66,875	2,421	1,955
96	86	1 866	17,250	39,257	2,276	1,809
97	87	1 154	10,162	22,007	2,166	1,699
98	88	689	5,779	11,846	2,050	1,583
99	89	390	3,116	6,067	1,947	1,481
100	90	209	1,592	2,951	1,854	1,387

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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11	0	99 527	58 191,506	1 155 424,163	19,856	19,389
12	1	99 220	55 249,648	1 097 232,657	19,860	19,393
13	2	99 189	52 602,045	1 041 983,008	19,809	19,342
14	3	99 167	50 086,159	989 380,963	19,754	19,287
15	4	99 143	47 689,714	939 294,804	19,696	19,230
16	5	99 118	45 407,169	891 605,090	19,636	19,169
17	6	99 085	43 230,370	846 197,920	19,574	19,108
18	7	99 049	41 156,828	802 967,550	19,510	19,044
19	8	99 006	39 180,139	761 810,723	19,444	18,977
20	9	98 960	37 296,980	722 630,583	19,375	18,909
21	10	98 911	35 503,423	685 333,603	19,303	18,837
22	11	98 865	33 797,103	649 830,180	19,227	18,761
23	12	98 813	32 170,627	616 033,077	19,149	18,683
24	13	98 765	30 623,740	583 862,450	19,066	18,599
25	14	98 708	29 148,871	553 238,710	18,980	18,513
26	15	98 656	27 746,114	524 089,839	18,889	18,422
27	16	98 599	26 409,531	496 343,725	18,794	18,328
28	17	98 539	25 136,617	469 934,194	18,695	18,229
29	18	98 478	23 924,770	444 797,577	18,592	18,125
30	19	98 407	22 769,122	420 872,808	18,484	18,018
31	20	98 334	21 668,916	398 103,686	18,372	17,906
32	21	98 256	20 620,540	376 434,770	18,255	17,789
33	22	98 177	19 622,922	355 814,229	18,133	17,666
34	23	98 089	18 671,783	336 191,307	18,005	17,539
35	24	97 996	17 765,768	317 519,524	17,873	17,406
36	25	97 900	16 903,163	299 753,755	17,734	17,267
37	26	97 797	16 081,355	282 850,592	17,589	17,122
38	27	97 683	15 297,690	266 769,237	17,439	16,972
39	28	97 558	14 550,542	251 471,546	17,283	16,816
40	29	97 426	13 838,960	236 921,004	17,120	16,653
41	30	97 280	13 160,242	223 082,044	16,951	16,485
42	31	97 120	12 512,877	209 921,802	16,776	16,310
43	32	96 949	11 896,120	197 408,925	16,594	16,128
44	33	96 767	11 308,317	185 512,805	16,405	15,939
45	34	96 558	10 746,588	174 204,487	16,210	15,744
46	35	96 330	10 210,652	163 457,899	16,009	15,542
47	36	96 080	9 699,240	153 247,247	15,800	15,334
48	37	95 809	9 211,273	143 548,007	15,584	15,118
49	38	95 509	8 745,192	134 336,734	15,361	14,895
50	39	95 168	8 298,998	125 591,541	15,133	14,667
51	40	94 795	7 872,798	117 292,543	14,898	14,432
52	41	94 379	7 465,024	109 419,745	14,658	14,191
53	42	93 918	7 074,867	101 954,721	14,411	13,944
54	43	93 403	6 700,994	94 879,854	14,159	13,693
55	44	92 822	6 342,207	88 178,860	13,903	13,437
56	45	92 184	5 998,656	81 836,653	13,642	13,176
57	46	91 471	5 668,833	75 837,997	13,378	12,912
58	47	90 690	5 352,777	70 169,164	13,109	12,643
59	48	89 827	5 049,374	64 816,387	12,837	12,370
60	49	88 882	4 758,352	59 767,013	12,560	12,094
61	50	87 854	4 479,367	55 008,661	12,280	11,814
62	51	86 743	4 212,079	50 529,294	11,996	11,530
63	52	85 523	3 955,108	46 317,216	11,711	11,244
64	53	84 216	3 709,210	42 362,107	11,421	10,954
65	54	82 803	3 473,292	38 652,897	11,129	10,662
66	55	81 291	3 247,478	35 179,605	10,833	10,366
67	56	79 681	3 031,605	31 932,127	10,533	10,067
68	57	77 967	2 825,142	28 900,522	10,230	9,763
69	58	76 172	2 628,649	26 075,380	9,920	9,453
70	59	74 240	2 439,995	23 446,730	9,609	9,143
71	60	72 243	2 261,285	21 006,735	9,290	8,823
72	61	70 091	2 089,459	18 745,451	8,971	8,505
73	62	67 868	1 926,837	16 655,992	8,644	8,178
74	63	65 513	1 771,398	14 729,155	8,315	7,849
75	64	63 048	1 623,572	12 957,757	7,981	7,515
76	65	60 473	1 483,104	11 334,186	7,642	7,176
77	66	57 761	1 349,135	9 851,081	7,302	6,835
78	67	54 924	1 221,801	8 501,946	6,959	6,492
79	68	51 930	1 100,179	7 280,146	6,617	6,151
80	69	48 793	984,497	6 179,967	6,277	5,811
81	70	45 508	874,491	5 195,470	5,941	5,475
82	71	42 035	769,288	4 320,979	5,617	5,150
83	72	38 447	670,114	3 551,691	5,300	4,834
84	73	34 792	577,530	2 881,577	4,989	4,523
85	74	31 072	491,230	2 304,047	4,690	4,224
86	75	27 323	411,391	1 812,817	4,407	3,940
87	76	23 644	339,035	1 401,426	4,134	3,667
88	77	20 078	274,192	1 062,391	3,875	3,408
89	78	16 685	217,013	788,199	3,632	3,166
90	79	13 548	167,818	571,186	3,404	2,937
91	80	10 740	126,699	403,368	3,184	2,717
92	81	8 288	93,120	276,670	2,971	2,505
93	82	6 146	65,766	183,550	2,791	2,325
94	83	4 420	45,048	117,784	2,615	2,148
95	84	3 044	29,542	72,736	2,462	1,996
96	85	2 020	18,671	43,194	2,313	1,847
97	86	1 265	11,132	24,522	2,203	1,736
98	87	766	6,420	13,390	2,086	1,619
99	88	441	3,518	6,969	1,981	1,515
100	89	240	1,829	3,452	1,888	1,421

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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12	0	99 520	55 416,193	1 097 896,654	19,812	19,345
13	1	99 214	52 615,090	1 042 480,461	19,813	19,347
14	2	99 179	50 092,382	989 865,371	19,761	19,294
15	3	99 154	47 694,633	939 772,989	19,704	19,238
16	4	99 128	45 411,515	892 078,356	19,644	19,178
17	5	99 094	43 234,221	846 666,841	19,583	19,117
18	6	99 058	41 160,469	803 432,620	19,520	19,053
19	7	99 011	39 181,959	762 272,151	19,455	18,988
20	8	98 967	37 299,580	723 090,192	19,386	18,920
21	9	98 917	35 505,594	685 790,612	19,315	18,849
22	10	98 871	33 799,080	650 285,018	19,240	18,773
23	11	98 820	32 173,115	616 485,937	19,162	18,695
24	12	98 772	30 626,145	584 312,822	19,079	18,612
25	13	98 718	29 151,617	553 686,677	18,993	18,527
26	14	98 665	27 748,672	524 535,060	18,903	18,437
27	15	98 611	26 412,745	496 786,388	18,809	18,342
28	16	98 553	25 140,319	470 373,643	18,710	18,244
29	17	98 491	23 928,028	445 233,324	18,607	18,141
30	18	98 426	22 773,609	421 305,297	18,500	18,033
31	19	98 352	21 672,704	398 531,688	18,389	17,922
32	20	98 274	20 624,353	376 858,984	18,273	17,806
33	21	98 193	19 626,159	356 234,630	18,151	17,685
34	22	98 105	18 674,824	336 608,472	18,025	17,558
35	23	98 014	17 768,966	317 933,648	17,893	17,426
36	24	97 918	16 906,205	300 164,682	17,755	17,288
37	25	97 816	16 084,415	283 258,476	17,611	17,144
38	26	97 701	15 300,570	267 174,061	17,462	16,995
39	27	97 579	14 553,674	251 873,492	17,307	16,840
40	28	97 449	13 842,222	237 319,818	17,145	16,678
41	29	97 306	13 163,649	223 477,596	16,977	16,510
42	30	97 151	12 516,847	210 313,947	16,802	16,336
43	31	96 980	11 899,857	197 797,101	16,622	16,155
44	32	96 800	11 312,193	185 897,244	16,433	15,967
45	33	96 593	10 750,462	174 585,051	16,240	15,773
46	34	96 369	10 214,799	163 834,589	16,039	15,573
47	35	96 120	9 703,239	153 619,790	15,832	15,365
48	36	95 853	9 215,498	143 916,550	15,617	15,150
49	37	95 555	8 749,345	134 701,052	15,396	14,929
50	38	95 225	8 304,008	125 951,707	15,168	14,701
51	39	94 852	7 877,534	117 647,699	14,935	14,468
52	40	94 444	7 470,146	109 770,165	14,695	14,228
53	41	93 988	7 080,108	102 300,019	14,449	13,983
54	42	93 477	6 706,317	95 219,911	14,199	13,732
55	43	92 907	6 347,971	88 513,594	13,944	13,477
56	44	92 273	6 004,484	82 165,622	13,684	13,218
57	45	91 577	5 675,372	76 161,138	13,420	12,953
58	46	90 800	5 359,302	70 485,766	13,152	12,686
59	47	89 950	5 056,302	65 126,464	12,880	12,414
60	48	89 024	4 765,949	60 070,162	12,604	12,138
61	49	88 008	4 487,211	55 304,213	12,325	11,858
62	50	86 904	4 219,899	50 817,002	12,042	11,576
63	51	85 707	3 963,601	46 597,103	11,756	11,290
64	52	84 413	3 717,884	42 633,502	11,467	11,001
65	53	83 016	3 482,233	38 915,618	11,175	10,709
66	54	81 526	3 256,886	35 433,384	10,880	10,413
67	55	79 941	3 041,476	32 176,498	10,579	10,113
68	56	78 247	2 835,284	29 135,022	10,276	9,809
69	57	76 472	2 639,005	26 299,738	9,966	9,499
70	58	74 565	2 450,654	23 660,733	9,655	9,188
71	59	72 585	2 271,977	21 210,079	9,336	8,869
72	60	70 463	2 100,541	18 938,102	9,016	8,549
73	61	68 256	1 937,856	16 837,561	8,689	8,222
74	62	65 917	1 782,331	14 899,705	8,360	7,893
75	63	63 476	1 634,603	13 117,374	8,025	7,558
76	64	60 928	1 494,271	11 482,771	7,685	7,218
77	65	58 225	1 359,975	9 988,500	7,345	6,878
78	66	55 410	1 232,601	8 628,525	7,000	6,534
79	67	52 427	1 110,711	7 395,925	6,659	6,192
80	68	49 309	994,910	6 285,214	6,317	5,851
81	69	46 040	884,713	5 290,304	5,980	5,513
82	70	42 571	779,104	4 405,591	5,655	5,188
83	71	38 981	679,424	3 626,487	5,338	4,871
84	72	35 315	586,213	2 947,064	5,027	4,561
85	73	31 591	499,429	2 360,850	4,727	4,261
86	74	27 820	418,865	1 861,421	4,444	3,978
87	75	24 107	345,683	1 442,556	4,173	3,707
88	76	20 520	280,235	1 096,873	3,914	3,448
89	77	17 092	222,303	816,638	3,674	3,207
90	78	13 930	172,554	594,335	3,444	2,978
91	79	11 088	130,808	421,781	3,224	2,758
92	80	8 602	96,643	290,973	3,011	2,544
93	81	6 420	68,698	194,330	2,829	2,362
94	82	4 650	47,388	125,632	2,651	2,185
95	83	3 227	31,318	78,244	2,498	2,032
96	84	2 161	19,973	46,925	2,349	1,883
97	85	1 369	12,050	26,953	2,237	1,770
98	86	839	7,034	14,903	2,119	1,652
99	87	489	3,908	7,869	2,014	1,547
100	88	271	2,064	3,961	1,919	1,453

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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13	0	99 513	52 773,693	1 043 094,646	19,765	19,299
14	1	99 204	50 104,805	990 320,953	19,765	19,299
15	2	99 166	47 700,559	940 216,148	19,711	19,244
16	3	99 138	45 416,198	892 515,589	19,652	19,186
17	4	99 103	43 238,358	847 099,391	19,591	19,125
18	5	99 066	41 164,136	803 861,033	19,528	19,062
19	6	99 020	39 185,426	762 696,897	19,464	18,997
20	7	98 971	37 301,312	723 511,471	19,396	18,930
21	8	98 924	35 508,069	686 210,159	19,325	18,859
22	9	98 877	33 801,148	650 702,090	19,251	18,784
23	10	98 826	32 174,997	616 900,941	19,173	18,707
24	11	98 780	30 628,513	584 725,944	19,091	18,625
25	12	98 725	29 153,906	554 097,431	19,006	18,540
26	13	98 674	27 751,287	524 943,524	18,916	18,450
27	14	98 620	26 415,180	497 192,238	18,822	18,356
28	15	98 565	25 143,378	470 777,057	18,724	18,257
29	16	98 506	23 931,552	445 633,680	18,621	18,155
30	17	98 440	22 776,710	421 702,128	18,515	18,048
31	18	98 371	21 676,975	398 925,418	18,403	17,937
32	19	98 291	20 627,959	377 248,443	18,288	17,822
33	20	98 212	19 629,788	356 620,484	18,167	17,701
34	21	98 122	18 677,904	336 990,696	18,042	17,576
35	22	98 030	17 771,860	318 312,792	17,911	17,445
36	23	97 935	16 909,249	300 540,933	17,774	17,307
37	24	97 833	16 087,310	283 631,684	17,631	17,164
38	25	97 720	15 303,481	267 544,375	17,483	17,016
39	26	97 597	14 556,413	252 240,894	17,329	16,862
40	27	97 470	13 845,201	237 684,481	17,167	16,701
41	28	97 328	13 166,751	223 839,280	17,000	16,534
42	29	97 176	12 520,087	210 672,528	16,827	16,360
43	30	97 011	11 903,632	198 152,442	16,646	16,180
44	31	96 831	11 315,746	186 248,810	16,459	15,993
45	32	96 626	10 754,147	174 933,064	16,267	15,800
46	33	96 404	10 218,481	164 178,917	16,067	15,600
47	34	96 159	9 707,180	153 960,436	15,860	15,394
48	35	95 892	9 219,298	144 253,256	15,647	15,180
49	36	95 598	8 753,359	135 033,958	15,427	14,960
50	37	95 271	8 307,951	126 280,599	15,200	14,734
51	38	94 909	7 882,289	117 972,648	14,967	14,500
52	39	94 500	7 474,639	110 090,359	14,729	14,262
53	40	94 053	7 084,966	102 615,719	14,484	14,017
54	41	93 547	6 711,286	95 530,754	14,234	13,768
55	42	92 980	6 353,014	88 819,468	13,981	13,514
56	43	92 357	6 009,941	82 466,454	13,722	13,255
57	44	91 666	5 680,886	76 456,512	13,459	12,992
58	45	90 905	5 365,484	70 775,626	13,191	12,725
59	46	90 060	5 062,466	65 410,142	12,921	12,454
60	47	89 146	4 772,489	60 347,676	12,645	12,179
61	48	88 149	4 494,375	55 575,187	12,365	11,899
62	49	87 056	4 227,289	51 080,812	12,084	11,617
63	50	85 866	3 970,960	46 853,523	11,799	11,333
64	51	84 595	3 725,868	42 882,563	11,509	11,043
65	52	83 210	3 490,376	39 156,696	11,218	10,752
66	53	81 736	3 265,270	35 666,319	10,923	10,457
67	54	80 172	3 050,288	32 401,049	10,622	10,156
68	55	78 502	2 844,515	29 350,762	10,318	9,852
69	56	76 746	2 648,479	26 506,246	10,008	9,542
70	57	74 858	2 460,308	23 857,768	9,697	9,231
71	58	72 902	2 281,902	21 397,459	9,377	8,911
72	59	70 796	2 110,474	19 115,557	9,057	8,591
73	60	68 618	1 948,134	17 005,083	8,729	8,263
74	61	66 294	1 792,523	15 056,949	8,400	7,933
75	62	63 868	1 644,693	13 264,426	8,065	7,599
76	63	61 342	1 504,424	11 619,733	7,724	7,257
77	64	58 663	1 370,214	10 115,310	7,382	6,916
78	65	55 855	1 242,504	8 745,096	7,038	6,572
79	66	52 890	1 120,529	7 502,592	6,696	6,229
80	67	49 781	1 004,434	6 382,063	6,354	5,887
81	68	46 527	894,071	5 377,629	6,015	5,548
82	69	43 069	788,211	4 483,559	5,688	5,222
83	70	39 478	688,093	3 695,347	5,370	4,904
84	71	35 805	594,357	3 007,255	5,060	4,593
85	72	32 066	506,939	2 412,897	4,760	4,293
86	73	28 284	425,856	1 905,959	4,476	4,009
87	74	24 545	351,963	1 480,103	4,205	3,739
88	75	20 923	285,730	1 128,140	3,948	3,482
89	76	17 469	227,203	842,410	3,708	3,241
90	77	14 270	176,760	615,207	3,480	3,014
91	78	11 401	134,500	438,446	3,260	2,793
92	79	8 881	99,778	303,947	3,046	2,580
93	80	6 663	71,297	204,169	2,864	2,397
94	81	4 857	49,500	132,872	2,684	2,218
95	82	3 395	32,945	83,371	2,531	2,064
96	83	2 291	21,173	50,426	2,382	1,915
97	84	1 464	12,890	29,253	2,269	1,803
98	85	908	7,613	16,363	2,149	1,683
99	86	536	4,281	8,750	2,044	1,577
100	87	302	2,294	4,468	1,948	1,482

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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14	0	99 503	50 255,841	990 889,191	19,717	19,250
15	1	99 191	47 712,388	940 633,350	19,715	19,248
16	2	99 150	45 421,841	892 920,962	19,658	19,192
17	3	99 113	43 242,818	847 499,121	19,599	19,132
18	4	99 076	41 168,075	804 256,303	19,536	19,070
19	5	99 028	39 188,917	763 088,228	19,472	19,006
20	6	98 980	37 304,612	723 899,311	19,405	18,939
21	7	98 929	35 509,719	686 594,699	19,335	18,869
22	8	98 884	33 803,504	651 084,980	19,261	18,794
23	9	98 832	32 176,966	617 281,476	19,184	18,718
24	10	98 786	30 630,305	585 104,511	19,102	18,636
25	11	98 733	29 156,161	554 474,206	19,017	18,551
26	12	98 682	27 753,466	525 318,045	18,928	18,462
27	13	98 629	26 417,669	497 564,578	18,835	18,368
28	14	98 574	25 145,696	471 146,909	18,737	18,270
29	15	98 517	23 934,464	446 001,213	18,634	18,168
30	16	98 454	22 780,064	422 066,749	18,528	18,061
31	17	98 384	21 679,927	399 286,685	18,417	17,951
32	18	98 310	20 632,024	377 606,758	18,302	17,836
33	19	98 229	19 633,220	356 974,734	18,182	17,716
34	20	98 140	18 681,357	337 341,515	18,058	17,591
35	21	98 046	17 774,791	318 660,157	17,928	17,461
36	22	97 951	16 912,002	300 885,367	17,791	17,325
37	23	97 851	16 090,205	283 973,365	17,649	17,182
38	24	97 738	15 306,235	267 883,159	17,502	17,035
39	25	97 616	14 559,183	252 576,924	17,348	16,882
40	26	97 488	13 847,807	238 017,742	17,188	16,722
41	27	97 349	13 169,585	224 169,934	17,022	16,555
42	28	97 199	12 523,038	211 000,349	16,849	16,383
43	29	97 036	11 906,713	198 477,312	16,669	16,203
44	30	96 861	11 319,336	186 570,599	16,482	16,016
45	31	96 656	10 757,525	175 251,263	16,291	15,825
46	32	96 437	10 221,983	164 493,738	16,092	15,626
47	33	96 194	9 710,679	154 271,755	15,887	15,420
48	34	95 931	9 223,042	144 561,075	15,674	15,208
49	35	95 638	8 756,968	135 338,033	15,455	14,988
50	36	95 314	8 311,762	126 581,065	15,229	14,763
51	37	94 954	7 886,032	118 269,303	14,997	14,531
52	38	94 557	7 479,151	110 383,271	14,759	14,292
53	39	94 109	7 089,228	102 904,120	14,516	14,049
54	40	93 611	6 715,891	95 814,892	14,267	13,800
55	41	93 049	6 357,721	89 099,002	14,014	13,548
56	42	92 431	6 014,716	82 741,281	13,756	13,290
57	43	91 749	5 686,049	76 726,566	13,494	13,027
58	44	90 993	5 370,697	71 040,516	13,227	12,761
59	45	90 164	5 068,306	65 669,819	12,957	12,491
60	46	89 255	4 778,307	60 601,513	12,683	12,216
61	47	88 270	4 500,542	55 823,207	12,404	11,937
62	48	87 195	4 234,038	51 322,664	12,121	11,655
63	49	86 016	3 977,914	47 088,627	11,838	11,371
64	50	84 752	3 732,785	43 110,713	11,549	11,083
65	51	83 389	3 497,871	39 377,928	11,258	10,791
66	52	81 927	3 272,906	35 880,056	10,963	10,496
67	53	80 379	3 058,140	32 607,151	10,662	10,196
68	54	78 729	2 852,756	29 549,011	10,358	9,892
69	55	76 996	2 657,102	26 696,255	10,047	9,581
70	56	75 127	2 469,140	24 039,153	9,736	9,269
71	57	73 189	2 290,892	21 570,012	9,416	8,949
72	58	71 105	2 119,693	19 279,120	9,095	8,629
73	59	68 942	1 957,346	17 159,427	8,767	8,300
74	60	66 645	1 802,031	15 202,081	8,436	7,970
75	61	64 233	1 654,098	13 400,050	8,101	7,635
76	62	61 720	1 513,710	11 745,953	7,760	7,293
77	63	59 062	1 379,524	10 232,243	7,417	6,951
78	64	56 276	1 251,859	8 852,719	7,072	6,605
79	65	53 315	1 129,532	7 600,860	6,729	6,263
80	66	50 221	1 013,313	6 471,329	6,386	5,920
81	67	46 972	902,629	5 458,016	6,047	5,580
82	68	43 525	796,547	4 555,387	5,719	5,253
83	69	39 940	696,136	3 758,839	5,400	4,933
84	70	36 262	601,941	3 062,703	5,088	4,622
85	71	32 512	513,981	2 460,762	4,788	4,321
86	72	28 709	432,259	1 946,781	4,504	4,037
87	73	24 955	357,837	1 514,522	4,232	3,766
88	74	21 303	290,921	1 156,684	3,976	3,510
89	75	17 811	231,658	865,763	3,737	3,271
90	76	14 584	180,656	634,105	3,510	3,044
91	77	11 679	137,778	453,449	3,291	2,825
92	78	9 131	102,594	315,670	3,077	2,610
93	79	6 879	73,610	213,077	2,895	2,428
94	80	5 041	51,374	139,467	2,715	2,248
95	81	3 546	34,414	88,093	2,560	2,093
96	82	2 410	22,273	53,679	2,410	1,944
97	83	1 552	13,664	31,406	2,298	1,832
98	84	971	8,144	17,742	2,179	1,712
99	85	580	4,634	9,598	2,071	1,605
100	86	330	2,513	4,964	1,975	1,509

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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15	0	99 490	47 856,213	941 159,197	19,666	19,200
16	1	99 175	45 433,105	893 302,984	19,662	19,196
17	2	99 126	43 248,191	847 869,879	19,605	19,138
18	3	99 086	41 172,321	804 621,688	19,543	19,076
19	4	99 038	39 192,667	763 449,367	19,479	19,013
20	5	98 989	37 307,936	724 256,700	19,413	18,947
21	6	98 937	35 512,860	686 948,765	19,344	18,877
22	7	98 889	33 805,074	651 435,905	19,270	18,804
23	8	98 839	32 179,208	617 630,830	19,193	18,727
24	9	98 792	30 632,179	585 451,622	19,112	18,646
25	10	98 739	29 157,867	554 819,444	19,028	18,562
26	11	98 690	27 755,612	525 661,577	18,939	18,473
27	12	98 637	26 419,744	497 905,965	18,846	18,380
28	13	98 584	25 148,066	471 486,221	18,748	18,282
29	14	98 527	23 936,671	446 338,155	18,647	18,180
30	15	98 466	22 782,836	422 401,484	18,540	18,074
31	16	98 399	21 683,120	399 618,648	18,430	17,964
32	17	98 324	20 634,833	377 935,528	18,315	17,849
33	18	98 248	19 637,088	357 300,695	18,195	17,729
34	19	98 157	18 684,623	337 663,606	18,072	17,605
35	20	98 064	17 778,077	318 978,983	17,942	17,476
36	21	97 967	16 914,791	301 200,906	17,807	17,341
37	22	97 867	16 092,825	284 286,115	17,665	17,199
38	23	97 755	15 308,990	268 193,289	17,519	17,052
39	24	97 633	14 561,803	252 884,299	17,366	16,900
40	25	97 507	13 850,442	238 322,496	17,207	16,740
41	26	97 368	13 172,064	224 472,054	17,042	16,575
42	27	97 220	12 525,733	211 299,990	16,869	16,403
43	28	97 059	11 909,519	198 774,257	16,690	16,224
44	29	96 886	11 322,266	186 864,738	16,504	16,038
45	30	96 687	10 760,937	175 542,472	16,313	15,847
46	31	96 467	10 225,194	164 781,535	16,115	15,649
47	32	96 227	9 714,008	154 556,341	15,911	15,444
48	33	95 966	9 226,367	144 842,333	15,699	15,232
49	34	95 677	8 760,524	135 615,966	15,480	15,014
50	35	95 354	8 315,189	126 855,442	15,256	14,789
51	36	94 997	7 889,650	118 540,253	15,025	14,558
52	37	94 602	7 482,703	110 650,603	14,788	14,321
53	38	94 166	7 093,507	103 167,900	14,544	14,078
54	39	93 667	6 719,930	96 074,394	14,297	13,831
55	40	93 113	6 362,083	89 354,463	14,045	13,578
56	41	92 499	6 019,171	82 992,380	13,788	13,322
57	42	91 822	5 690,566	76 973,209	13,526	13,060
58	43	91 076	5 375,578	71 282,643	13,260	12,794
59	44	90 251	5 073,230	65 907,064	12,991	12,525
60	45	89 358	4 783,819	60 833,835	12,717	12,250
61	46	88 377	4 506,028	56 050,016	12,439	11,972
62	47	87 315	4 239,848	51 543,987	12,157	11,691
63	48	86 154	3 984,265	47 304,140	11,873	11,406
64	49	84 900	3 739,322	43 319,875	11,585	11,119
65	50	83 544	3 504,366	39 580,553	11,295	10,828
66	51	82 103	3 279,934	36 076,187	10,999	10,533
67	52	80 567	3 065,291	32 796,254	10,699	10,233
68	53	78 932	2 860,100	29 730,963	10,395	9,929
69	54	77 219	2 664,800	26 870,863	10,084	9,617
70	55	75 372	2 477,180	24 206,063	9,772	9,305
71	56	73 452	2 299,116	21 728,883	9,451	8,985
72	57	71 386	2 128,044	19 429,767	9,130	8,664
73	58	69 244	1 965,896	17 301,723	8,801	8,335
74	59	66 961	1 810,552	15 335,827	8,470	8,004
75	60	64 574	1 662,871	13 525,275	8,134	7,667
76	61	62 073	1 522,366	11 862,404	7,792	7,326
77	62	59 426	1 388,039	10 340,039	7,449	6,983
78	63	56 658	1 260,365	8 952,000	7,103	6,636
79	64	53 717	1 138,036	7 691,635	6,759	6,292
80	65	50 625	1 021,454	6 553,599	6,416	5,950
81	66	47 388	910,608	5 532,145	6,075	5,609
82	67	43 941	804,173	4 621,537	5,747	5,281
83	68	40 362	703,499	3 817,364	5,426	4,960
84	69	36 686	608,977	3 113,865	5,113	4,647
85	70	32 926	520,539	2 504,887	4,812	4,346
86	71	29 108	438,264	1 984,348	4,528	4,061
87	72	25 330	363,218	1 546,084	4,257	3,790
88	73	21 658	295,777	1 182,866	3,999	3,533
89	74	18 135	235,867	887,089	3,761	3,295
90	75	14 870	184,199	651,222	3,535	3,069
91	76	11 936	140,815	467,024	3,317	2,850
92	77	9 354	105,095	326,209	3,104	2,638
93	78	7 073	75,687	221,114	2,921	2,455
94	79	5 205	53,040	145,427	2,742	2,275
95	80	3 680	35,716	92,387	2,587	2,120
96	81	2 517	23,266	56,671	2,436	1,969
97	82	1 633	14,374	33,405	2,324	1,858
98	83	1 030	8,634	19,031	2,204	1,738
99	84	621	4,957	10,397	2,097	1,631
100	85	358	2,720	5,440	2,000	1,534

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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16	0	99 474	45 570,059	893 789,713	19,614	19,147
17	1	99 150	43 258,916	848 219,654	19,608	19,142
18	2	99 098	41 177,436	804 960,738	19,549	19,082
19	3	99 048	39 196,709	763 783,301	19,486	19,020
20	4	98 999	37 311,506	724 586,592	19,420	18,954
21	5	98 946	35 516,024	687 275,086	19,351	18,885
22	6	98 897	33 808,065	651 759,062	19,278	18,812
23	7	98 844	32 180,703	617 950,998	19,203	18,736
24	8	98 799	30 634,314	585 770,295	19,121	18,655
25	9	98 745	29 159,650	555 135,981	19,038	18,571
26	10	98 696	27 757,236	525 976,331	18,949	18,483
27	11	98 645	26 421,787	498 219,095	18,856	18,390
28	12	98 591	25 150,040	471 797,308	18,759	18,293
29	13	98 536	23 938,926	446 647,267	18,658	18,191
30	14	98 475	22 784,937	422 708,341	18,552	18,086
31	15	98 411	21 685,758	399 923,404	18,442	17,975
32	16	98 338	20 637,872	378 237,645	18,327	17,861
33	17	98 261	19 639,763	357 599,773	18,208	17,742
34	18	98 176	18 688,305	337 960,011	18,084	17,618
35	19	98 081	17 781,185	319 271,705	17,956	17,489
36	20	97 985	16 917,919	301 490,520	17,821	17,354
37	21	97 883	16 095,479	284 572,601	17,680	17,214
38	22	97 771	15 311,483	268 477,122	17,534	17,068
39	23	97 651	14 564,424	253 165,639	17,382	16,916
40	24	97 525	13 852,935	238 601,215	17,224	16,757
41	25	97 386	13 174,570	224 748,280	17,059	16,593
42	26	97 238	12 528,091	211 573,710	16,888	16,422
43	27	97 080	11 912,082	199 045,619	16,710	16,243
44	28	96 909	11 324,935	187 133,537	16,524	16,058
45	29	96 712	10 763,723	175 808,602	16,333	15,867
46	30	96 498	10 228,438	165 044,880	16,136	15,669
47	31	96 257	9 717,059	154 816,442	15,932	15,466
48	32	95 999	9 229,529	145 099,383	15,721	15,255
49	33	95 711	8 763,682	135 869,854	15,504	15,037
50	34	95 392	8 318,566	127 106,172	15,280	14,813
51	35	95 037	7 892,902	118 787,605	15,050	14,584
52	36	94 646	7 486,135	110 894,703	14,813	14,347
53	37	94 211	7 096,875	103 408,568	14,571	14,105
54	38	93 724	6 723,986	96 311,692	14,324	13,857
55	39	93 169	6 365,910	89 587,706	14,073	13,607
56	40	92 563	6 023,302	83 221,796	13,817	13,350
57	41	91 890	5 694,782	77 198,494	13,556	13,090
58	42	91 148	5 379,849	71 503,712	13,291	12,825
59	43	90 333	5 077,841	66 123,864	13,022	12,556
60	44	89 445	4 788,466	61 046,023	12,749	12,282
61	45	88 479	4 511,226	56 257,557	12,471	12,004
62	46	87 421	4 245,016	51 746,330	12,190	11,724
63	47	86 272	3 989,732	47 501,314	11,906	11,439
64	48	85 036	3 745,292	43 511,582	11,618	11,151
65	49	83 690	3 510,502	39 766,290	11,328	10,861
66	50	82 255	3 286,023	36 255,788	11,033	10,567
67	51	80 740	3 071,873	32 969,765	10,733	10,266
68	52	79 117	2 866,788	29 897,891	10,429	9,963
69	53	77 418	2 671,660	27 031,103	10,118	9,651
70	54	75 590	2 484,357	24 359,443	9,805	9,339
71	55	73 691	2 306,602	21 875,087	9,484	9,017
72	56	71 642	2 135,683	19 568,485	9,163	8,696
73	57	69 516	1 973,641	17 432,802	8,833	8,366
74	58	67 253	1 818,461	15 459,161	8,501	8,035
75	59	64 879	1 670,734	13 640,700	8,164	7,698
76	60	62 403	1 530,440	11 969,966	7,821	7,355
77	61	59 766	1 395,976	10 439,526	7,478	7,012
78	62	57 008	1 268,144	9 043,550	7,131	6,665
79	63	54 082	1 145,768	7 775,405	6,786	6,320
80	64	51 006	1 029,145	6 629,637	6,442	5,975
81	65	47 768	917,925	5 600,492	6,101	5,635
82	66	44 330	811,281	4 682,568	5,772	5,305
83	67	40 749	710,234	3 871,286	5,451	4,984
84	68	37 074	615,418	3 161,053	5,136	4,670
85	69	33 311	526,624	2 545,634	4,834	4,367
86	70	29 480	443,856	2 019,010	4,549	4,082
87	71	25 682	368,264	1 575,154	4,277	3,811
88	72	21 984	300,224	1 206,890	4,020	3,554
89	73	18 438	239,803	906,666	3,781	3,314
90	74	15 141	187,545	666,863	3,556	3,089
91	75	12 171	143,576	479,318	3,338	2,872
92	76	9 560	107,411	335,742	3,126	2,659
93	77	7 246	77,532	228,330	2,945	2,479
94	78	5 352	54,537	150,798	2,765	2,299
95	79	3 799	36,874	96,262	2,611	2,144
96	80	2 612	24,147	59,387	2,459	1,993
97	81	1 706	15,015	35,241	2,347	1,881
98	82	1 083	9,082	20,226	2,227	1,761
99	83	658	5,255	11,144	2,120	1,654
100	84	383	2,909	5,888	2,024	1,558

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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17	0	99 449	43 389,316	848 670,265	19,559	19,093
18	1	99 123	41 187,648	805 280,949	19,552	19,085
19	2	99 060	39 201,579	764 093,301	19,491	19,025
20	3	99 009	37 315,354	724 891,721	19,426	18,960
21	4	98 956	35 519,422	687 576,367	19,358	18,891
22	5	98 906	33 811,077	652 056,945	19,285	18,819
23	6	98 853	32 183,550	618 245,868	19,210	18,744
24	7	98 803	30 635,737	586 062,318	19,130	18,664
25	8	98 752	29 161,682	555 426,581	19,046	18,580
26	9	98 702	27 758,934	526 264,899	18,958	18,492
27	10	98 650	26 423,333	498 505,965	18,866	18,400
28	11	98 599	25 151,985	472 082,632	18,769	18,303
29	12	98 544	23 940,806	446 930,647	18,668	18,202
30	13	98 484	22 787,084	422 989,841	18,563	18,096
31	14	98 420	21 687,758	400 202,756	18,453	17,987
32	15	98 350	20 640,383	378 514,998	18,339	17,872
33	16	98 276	19 642,655	357 874,615	18,219	17,753
34	17	98 190	18 690,850	338 231,960	18,096	17,630
35	18	98 101	17 784,689	319 541,110	17,967	17,501
36	19	98 003	16 920,877	301 756,421	17,833	17,367
37	20	97 901	16 098,456	284 835,544	17,693	17,227
38	21	97 787	15 314,008	268 737,088	17,548	17,082
39	22	97 667	14 566,795	253 423,080	17,397	16,931
40	23	97 542	13 855,428	238 856,285	17,239	16,773
41	24	97 404	13 176,941	225 000,856	17,075	16,609
42	25	97 256	12 530,474	211 823,915	16,905	16,438
43	26	97 098	11 914,325	199 293,441	16,727	16,261
44	27	96 930	11 327,372	187 379,116	16,542	16,076
45	28	96 735	10 766,259	176 051,744	16,352	15,886
46	29	96 523	10 231,085	165 285,485	16,155	15,689
47	30	96 287	9 720,141	155 054,399	15,952	15,485
48	31	96 029	9 232,428	145 334,258	15,742	15,275
49	32	95 744	8 766,686	136 101,830	15,525	15,058
50	33	95 427	8 321,565	127 335,144	15,302	14,835
51	34	95 075	7 896,108	119 013,579	15,072	14,606
52	35	94 685	7 489,222	111 117,471	14,837	14,371
53	36	94 254	7 100,131	103 628,249	14,595	14,129
54	37	93 768	6 727,180	96 528,118	14,349	13,883
55	38	93 225	6 369,752	89 800,938	14,098	13,632
56	39	92 618	6 026,925	83 431,186	13,843	13,377
57	40	91 953	5 698,689	77 404,261	13,583	13,116
58	41	91 216	5 383,834	71 705,572	13,319	12,852
59	42	90 405	5 081,875	66 321,738	13,051	12,584
60	43	89 526	4 792,818	61 239,863	12,777	12,311
61	44	88 565	4 515,609	56 447,045	12,500	12,034
62	45	87 522	4 249,913	51 931,436	12,219	11,753
63	46	86 377	3 994,596	47 681,523	11,937	11,470
64	47	85 152	3 750,431	43 686,927	11,649	11,182
65	48	83 824	3 516,107	39 936,496	11,358	10,892
66	49	82 399	3 291,777	36 420,389	11,064	10,598
67	50	80 889	3 077,577	33 128,612	10,765	10,298
68	51	79 287	2 872,944	30 051,035	10,460	9,994
69	52	77 599	2 677,907	27 178,091	10,149	9,683
70	53	75 785	2 490,752	24 500,184	9,836	9,370
71	54	73 904	2 313,284	22 009,432	9,514	9,048
72	55	71 875	2 142,637	19 696,147	9,192	8,726
73	56	69 766	1 980,726	17 553,510	8,862	8,396
74	57	67 518	1 825,625	15 572,784	8,530	8,064
75	58	65 163	1 678,032	13 747,159	8,192	7,726
76	59	62 698	1 537,677	12 069,127	7,849	7,383
77	60	60 083	1 403,380	10 531,450	7,504	7,038
78	61	57 334	1 275,396	9 128,070	7,157	6,691
79	62	54 416	1 152,840	7 852,674	6,812	6,345
80	63	51 352	1 036,137	6 699,833	6,466	6,000
81	64	48 128	924,836	5 663,696	6,124	5,658
82	65	44 686	817,800	4 738,860	5,795	5,328
83	66	41 109	716,512	3 921,061	5,472	5,006
84	67	37 429	621,310	3 204,549	5,158	4,691
85	68	33 664	532,194	2 583,239	4,854	4,388
86	69	29 824	449,045	2 051,045	4,568	4,101
87	70	26 010	372,963	1 602,000	4,295	3,829
88	71	22 289	304,395	1 229,038	4,038	3,571
89	72	18 715	243,409	924,643	3,799	3,332
90	73	15 393	190,675	681,234	3,573	3,106
91	74	12 392	146,185	490,558	3,356	2,889
92	75	9 748	109,517	344,374	3,144	2,678
93	76	7 406	79,241	234,857	2,964	2,497
94	77	5 482	55,866	155,616	2,786	2,319
95	78	3 907	37,915	99,749	2,631	2,164
96	79	2 697	24,930	61,834	2,480	2,014
97	80	1 770	15,583	36,905	2,368	1,902
98	81	1 132	9,487	21,321	2,247	1,781
99	82	692	5,528	11,835	2,141	1,674
100	83	406	3,084	6,306	2,045	1,578

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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18	0	99 422	41 311,804	805 698,211	19,503	19,036
19	1	99 085	39 211,301	764 386,406	19,494	19,028
20	2	99 021	37 319,990	725 175,105	19,431	18,965
21	3	98 966	35 523,086	687 855,115	19,364	18,897
22	4	98 916	33 814,312	652 332,029	19,292	18,825
23	5	98 861	32 186,417	618 517,716	19,217	18,750
24	6	98 812	30 638,447	586 331,299	19,137	18,671
25	7	98 756	29 163,037	555 692,852	19,055	18,588
26	8	98 709	27 760,869	526 529,815	18,967	18,500
27	9	98 656	26 424,949	498 768,946	18,875	18,409
28	10	98 605	25 153,457	472 343,997	18,778	18,312
29	11	98 551	23 942,657	447 190,541	18,678	18,211
30	12	98 492	22 788,874	423 247,883	18,573	18,106
31	13	98 429	21 689,802	400 459,010	18,463	17,997
32	14	98 359	20 642,287	378 769,208	18,349	17,883
33	15	98 288	19 645,045	358 126,921	18,230	17,763
34	16	98 204	18 693,603	338 481,876	18,107	17,640
35	17	98 114	17 787,111	319 788,273	17,979	17,512
36	18	98 022	16 924,211	302 001,162	17,844	17,378
37	19	97 918	16 101,270	285 076,951	17,705	17,239
38	20	97 805	15 316,840	268 975,681	17,561	17,094
39	21	97 683	14 569,198	253 658,841	17,411	16,944
40	22	97 558	13 857,684	239 089,643	17,253	16,787
41	23	97 421	13 179,313	225 231,959	17,090	16,623
42	24	97 274	12 532,729	212 052,646	16,920	16,454
43	25	97 116	11 916,591	199 519,917	16,743	16,277
44	26	96 948	11 329,504	187 603,325	16,559	16,092
45	27	96 756	10 768,577	176 273,821	16,369	15,903
46	28	96 545	10 233,497	165 505,244	16,173	15,706
47	29	96 312	9 722,657	155 271,747	15,970	15,504
48	30	96 059	9 235,357	145 549,090	15,760	15,294
49	31	95 774	8 769,440	136 313,733	15,544	15,078
50	32	95 459	8 324,417	127 544,294	15,322	14,855
51	33	95 109	7 898,954	119 219,876	15,093	14,627
52	34	94 723	7 492,264	111 320,922	14,858	14,392
53	35	94 293	7 103,058	103 828,658	14,617	14,151
54	36	93 811	6 730,265	96 725,600	14,372	13,905
55	37	93 270	6 372,777	89 995,335	14,122	13,655
56	38	92 674	6 030,563	83 622,557	13,866	13,400
57	39	92 008	5 702,117	77 591,995	13,608	13,141
58	40	91 279	5 387,528	71 889,877	13,344	12,877
59	41	90 472	5 085,639	66 502,349	13,076	12,610
60	42	89 597	4 796,626	61 416,710	12,804	12,338
61	43	88 646	4 519,713	56 620,084	12,527	12,061
62	44	87 607	4 254,042	52 100,371	12,247	11,781
63	45	86 477	3 999,204	47 846,329	11,964	11,498
64	46	85 256	3 755,003	43 847,125	11,677	11,211
65	47	83 939	3 520,932	40 092,122	11,387	10,920
66	48	82 531	3 297,033	36 571,191	11,092	10,626
67	49	81 031	3 082,966	33 274,158	10,793	10,327
68	50	79 434	2 878,278	30 191,192	10,489	10,023
69	51	77 766	2 683,658	27 312,914	10,177	9,711
70	52	75 962	2 496,576	24 629,256	9,865	9,399
71	53	74 094	2 319,239	22 132,680	9,543	9,077
72	54	72 083	2 148,844	19 813,440	9,221	8,754
73	55	69 993	1 987,175	17 664,596	8,889	8,423
74	56	67 760	1 832,179	15 677,421	8,557	8,090
75	57	65 419	1 684,643	13 845,242	8,219	7,752
76	58	62 972	1 544,394	12 160,599	7,874	7,408
77	59	60 367	1 410,016	10 616,205	7,529	7,063
78	60	57 638	1 282,161	9 206,188	7,180	6,714
79	61	54 727	1 159,433	7 924,028	6,834	6,368
80	62	51 669	1 042,533	6 764,595	6,489	6,022
81	63	48 455	931,120	5 722,062	6,145	5,679
82	64	45 022	823,957	4 790,942	5,815	5,348
83	65	41 439	722,269	3 966,986	5,492	5,026
84	66	37 760	626,802	3 244,717	5,177	4,710
85	67	33 986	537,289	2 617,915	4,872	4,406
86	68	30 140	453,794	2 080,627	4,585	4,119
87	69	26 314	377,322	1 626,833	4,312	3,845
88	70	22 574	308,279	1 249,510	4,053	3,587
89	71	18 975	246,791	941,231	3,814	3,347
90	72	15 625	193,542	694,441	3,588	3,122
91	73	12 598	148,624	500,898	3,370	2,904
92	74	9 925	111,507	352,274	3,159	2,693
93	75	7 551	80,795	240,767	2,980	2,514
94	76	5 603	57,097	159,972	2,802	2,335
95	77	4 002	38,839	102,875	2,649	2,182
96	78	2 773	25,633	64,035	2,498	2,032
97	79	1 828	16,089	38,402	2,387	1,921
98	80	1 174	9,846	22,314	2,266	1,800
99	81	723	5,775	12,468	2,159	1,693
100	82	427	3,244	6,693	2,063	1,597

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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19	0	99 384	39 329,500	764 772,858	19,445	18,979
20	1	99 046	37 329,246	725 443,358	19,434	18,967
21	2	98 978	35 527,499	688 114,112	19,368	18,902
22	3	98 926	33 817,800	652 586,613	19,297	18,831
23	4	98 871	32 189,497	618 768,813	19,223	18,756
24	5	98 821	30 641,177	586 579,316	19,143	18,677
25	6	98 765	29 165,617	555 938,139	19,061	18,595
26	7	98 713	27 762,158	526 772,522	18,974	18,508
27	8	98 663	26 426,791	499 010,364	18,883	18,416
28	9	98 611	25 154,995	472 583,573	18,787	18,320
29	10	98 557	23 944,058	447 428,577	18,686	18,220
30	11	98 500	22 790,636	423 484,519	18,582	18,115
31	12	98 437	21 691,505	400 693,883	18,472	18,006
32	13	98 369	20 644,232	379 002,379	18,359	17,892
33	14	98 297	19 646,857	358 358,147	18,240	17,774
34	15	98 216	18 695,877	338 711,290	18,117	17,650
35	16	98 128	17 789,731	320 015,413	17,989	17,522
36	17	98 035	16 926,516	302 225,682	17,855	17,389
37	18	97 938	16 104,443	285 299,166	17,716	17,249
38	19	97 822	15 319,518	269 194,723	17,572	17,106
39	20	97 701	14 571,892	253 875,206	17,422	16,956
40	21	97 574	13 859,970	239 303,314	17,266	16,799
41	22	97 437	13 181,459	225 443,344	17,103	16,637
42	23	97 291	12 534,985	212 261,885	16,934	16,467
43	24	97 134	11 918,736	199 726,900	16,757	16,291
44	25	96 967	11 331,660	187 808,164	16,574	16,107
45	26	96 774	10 770,604	176 476,504	16,385	15,919
46	27	96 566	10 235,699	165 705,900	16,189	15,723
47	28	96 335	9 724,949	155 470,201	15,987	15,520
48	29	96 084	9 237,748	145 745,252	15,777	15,311
49	30	95 804	8 772,221	136 507,504	15,561	15,095
50	31	95 489	8 327,032	127 735,283	15,340	14,873
51	32	95 142	7 901,662	119 408,251	15,112	14,645
52	33	94 757	7 494,964	111 506,589	14,878	14,411
53	34	94 331	7 105,943	104 011,625	14,637	14,171
54	35	93 850	6 733,040	96 905,682	14,393	13,926
55	36	93 312	6 375,701	90 172,642	14,143	13,677
56	37	92 718	6 033,426	83 796,941	13,889	13,422
57	38	92 064	5 705,559	77 763,515	13,629	13,163
58	39	91 333	5 390,769	72 057,955	13,367	12,901
59	40	90 534	5 089,129	66 667,186	13,100	12,634
60	41	89 663	4 800,179	61 578,058	12,828	12,362
61	42	88 716	4 523,304	56 777,878	12,552	12,086
62	43	87 687	4 257,908	52 254,575	12,272	11,806
63	44	86 561	4 003,089	47 996,666	11,990	11,524
64	45	85 354	3 759,335	43 993,577	11,702	11,236
65	46	84 041	3 525,224	40 234,243	11,413	10,947
66	47	82 644	3 301,557	36 709,019	11,119	10,652
67	48	81 160	3 087,888	33 407,462	10,819	10,352
68	49	79 573	2 883,318	30 319,574	10,516	10,049
69	50	77 910	2 688,640	27 436,255	10,205	9,738
70	51	76 125	2 501,937	24 747,615	9,891	9,425
71	52	74 268	2 324,663	22 245,678	9,569	9,103
72	53	72 269	2 154,376	19 921,015	9,247	8,780
73	54	70 196	1 992,932	17 766,639	8,915	8,448
74	55	67 981	1 838,144	15 773,707	8,581	8,115
75	56	65 654	1 690,691	13 935,563	8,243	7,776
76	57	63 220	1 550,479	12 244,872	7,897	7,431
77	58	60 631	1 416,176	10 694,394	7,552	7,085
78	59	57 910	1 288,224	9 278,218	7,202	6,736
79	60	55 017	1 165,582	7 989,994	6,855	6,389
80	61	51 965	1 048,494	6 824,412	6,509	6,042
81	62	48 754	936,867	5 775,917	6,165	5,699
82	63	45 328	829,555	4 839,050	5,833	5,367
83	64	41 751	727,706	4 009,495	5,510	5,043
84	65	38 063	631,838	3 281,789	5,194	4,728
85	66	34 286	542,038	2 649,951	4,889	4,422
86	67	30 428	458,138	2 107,913	4,601	4,135
87	68	26 592	381,313	1 649,775	4,327	3,860
88	69	22 838	311,883	1 268,462	4,067	3,601
89	70	19 217	249,940	956,579	3,827	3,361
90	71	15 842	196,231	706,639	3,601	3,135
91	72	12 788	150,859	510,409	3,383	2,917
92	73	10 090	113,368	359,549	3,172	2,705
93	74	7 688	82,263	246,181	2,993	2,526
94	75	5 713	58,217	163,919	2,816	2,349
95	76	4 090	39,695	105,702	2,663	2,196
96	77	2 841	26,258	66,006	2,514	2,047
97	78	1 879	16,543	39,748	2,403	1,936
98	79	1 212	10,165	23,205	2,283	1,816
99	80	751	5,993	13,040	2,176	1,709
100	81	446	3,389	7,047	2,079	1,613

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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20	0	99 344	37 441,771	725 801,350	19,385	18,918
21	1	99 003	35 536,310	688 359,579	19,371	18,904
22	2	98 938	33 822,001	652 823,268	19,302	18,835
23	3	98 881	32 192,817	619 001,267	19,228	18,762
24	4	98 830	30 644,109	586 808,450	19,149	18,683
25	5	98 774	29 168,216	556 164,341	19,067	18,601
26	6	98 722	27 764,614	526 996,125	18,981	18,514
27	7	98 668	26 428,018	499 231,511	18,890	18,424
28	8	98 618	25 156,749	472 803,493	18,794	18,328
29	9	98 563	23 945,523	447 646,744	18,694	18,228
30	10	98 506	22 791,969	423 701,221	18,590	18,124
31	11	98 445	21 693,182	400 909,252	18,481	18,014
32	12	98 376	20 645,853	379 216,070	18,368	17,901
33	13	98 306	19 648,708	358 570,217	18,249	17,783
34	14	98 225	18 697,601	338 921,509	18,126	17,660
35	15	98 140	17 791,895	320 223,908	17,998	17,532
36	16	98 050	16 929,008	302 432,012	17,865	17,398
37	17	97 951	16 106,636	285 503,004	17,726	17,259
38	18	97 842	15 322,536	269 396,368	17,582	17,115
39	19	97 718	14 574,439	254 073,831	17,433	16,966
40	20	97 592	13 862,533	239 499,392	17,277	16,810
41	21	97 453	13 183,633	225 636,859	17,115	16,649
42	22	97 307	12 537,026	212 453,226	16,946	16,480
43	23	97 151	11 920,881	199 916,200	16,770	16,304
44	24	96 984	11 333,699	187 995,318	16,587	16,121
45	25	96 792	10 772,653	176 661,619	16,399	15,933
46	26	96 584	10 237,626	165 888,966	16,204	15,737
47	27	96 356	9 727,042	155 651,340	16,002	15,536
48	28	96 107	9 239,925	145 924,298	15,793	15,326
49	29	95 829	8 774,492	136 684,373	15,577	15,111
50	30	95 520	8 329,673	127 909,881	15,356	14,890
51	31	95 172	7 904,144	119 580,208	15,129	14,662
52	32	94 790	7 497,533	111 676,064	14,895	14,429
53	33	94 365	7 108,505	104 178,531	14,655	14,189
54	34	93 888	6 735,775	97 070,027	14,411	13,945
55	35	93 351	6 378,329	90 334,252	14,163	13,696
56	36	92 761	6 036,194	83 955,922	13,909	13,442
57	37	92 107	5 708,269	77 919,728	13,650	13,184
58	38	91 389	5 394,023	72 211,460	13,387	12,921
59	39	90 589	5 092,190	66 817,437	13,122	12,655
60	40	89 725	4 803,473	61 725,247	12,850	12,384
61	41	88 782	4 526,655	56 921,774	12,575	12,108
62	42	87 756	4 261,291	52 395,119	12,296	11,829
63	43	86 639	4 006,727	48 133,828	12,013	11,547
64	44	85 437	3 762,987	44 127,101	11,727	11,260
65	45	84 138	3 529,290	40 364,114	11,437	10,970
66	46	82 745	3 305,582	36 834,824	11,143	10,677
67	47	81 272	3 092,125	33 529,242	10,843	10,377
68	48	79 700	2 887,922	30 437,117	10,539	10,073
69	49	78 047	2 693,348	27 549,195	10,229	9,762
70	50	76 266	2 506,582	24 855,847	9,916	9,450
71	51	74 427	2 329,654	22 349,264	9,593	9,127
72	52	72 438	2 159,414	20 019,610	9,271	8,804
73	53	70 377	1 998,063	17 860,196	8,939	8,472
74	54	68 178	1 843,470	15 862,133	8,604	8,138
75	55	65 868	1 696,196	14 018,664	8,265	7,798
76	56	63 447	1 556,044	12 322,468	7,919	7,453
77	57	60 870	1 421,755	10 766,424	7,573	7,106
78	58	58 163	1 293,851	9 344,669	7,222	6,756
79	59	55 277	1 171,094	8 050,818	6,875	6,408
80	60	52 241	1 054,056	6 879,724	6,527	6,061
81	61	49 033	942,224	5 825,668	6,183	5,716
82	62	45 608	834,676	4 883,444	5,851	5,384
83	63	42 035	732,651	4 048,768	5,526	5,060
84	64	38 350	636,595	3 316,117	5,209	4,743
85	65	34 562	546,393	2 679,522	4,904	4,438
86	66	30 697	462,188	2 133,129	4,615	4,149
87	67	26 847	384,963	1 670,942	4,341	3,874
88	68	23 079	315,181	1 285,978	4,080	3,614
89	69	19 442	252,861	970,797	3,839	3,373
90	70	16 044	198,735	717,936	3,613	3,146
91	71	12 966	152,955	519,201	3,394	2,928
92	72	10 242	115,073	366,246	3,183	2,716
93	73	7 816	83,636	251,173	3,003	2,537
94	74	5 817	59,275	167,538	2,826	2,360
95	75	4 170	40,474	108,263	2,675	2,208
96	76	2 903	26,837	67,789	2,526	2,060
97	77	1 925	16,946	40,952	2,417	1,950
98	78	1 247	10,452	24,006	2,297	1,830
99	79	775	6,188	13,554	2,191	1,724
100	80	463	3,517	7,367	2,094	1,628

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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21	0	99 301	35 643,431	688 691,276	19,322	18,855
22	1	98 963	33 830,389	653 047,845	19,304	18,837
23	2	98 893	32 196,817	619 217,456	19,232	18,766
24	3	98 841	30 647,269	587 020,639	19,154	18,688
25	4	98 783	29 171,007	556 373,369	19,073	18,606
26	5	98 731	27 767,088	527 202,363	18,987	18,520
27	6	98 677	26 430,356	499 435,275	18,896	18,430
28	7	98 622	25 157,917	473 004,918	18,801	18,335
29	8	98 570	23 947,192	447 847,001	18,701	18,235
30	9	98 512	22 793,363	423 899,810	18,598	18,131
31	10	98 450	21 694,451	401 106,446	18,489	18,022
32	11	98 384	20 647,450	379 411,995	18,376	17,909
33	12	98 314	19 650,251	358 764,545	18,258	17,791
34	13	98 234	18 699,363	339 114,294	18,135	17,669
35	14	98 149	17 793,536	320 414,931	18,007	17,541
36	15	98 062	16 931,068	302 621,395	17,874	17,407
37	16	97 965	16 109,008	285 690,327	17,735	17,268
38	17	97 855	15 324,623	269 581,319	17,591	17,125
39	18	97 737	14 577,311	254 256,695	17,442	16,976
40	19	97 609	13 864,956	239 679,384	17,287	16,820
41	20	97 471	13 186,071	225 814,428	17,125	16,659
42	21	97 323	12 539,094	212 628,357	16,957	16,491
43	22	97 167	11 922,822	200 089,263	16,782	16,316
44	23	97 002	11 335,739	188 166,441	16,599	16,133
45	24	96 810	10 774,592	176 830,701	16,412	15,945
46	25	96 603	10 239,574	166 056,110	16,217	15,751
47	26	96 374	9 728,873	155 816,536	16,016	15,549
48	27	96 128	9 241,914	146 087,663	15,807	15,341
49	28	95 852	8 776,560	136 845,749	15,592	15,126
50	29	95 544	8 331,829	128 069,189	15,371	14,905
51	30	95 202	7 906,651	119 737,360	15,144	14,677
52	31	94 820	7 499,888	111 830,709	14,911	14,445
53	32	94 397	7 110,941	104 330,821	14,672	14,205
54	33	93 922	6 738,203	97 219,880	14,428	13,962
55	34	93 389	6 380,920	90 481,676	14,180	13,714
56	35	92 799	6 038,683	84 100,757	13,927	13,461
57	36	92 150	5 710,887	78 062,074	13,669	13,203
58	37	91 432	5 396,584	72 351,187	13,407	12,940
59	38	90 643	5 095,264	66 954,602	13,141	12,674
60	39	89 779	4 806,362	61 859,339	12,870	12,404
61	40	88 843	4 529,761	57 052,976	12,595	12,129
62	41	87 821	4 264,448	52 523,216	12,317	11,850
63	42	86 708	4 009,910	48 258,768	12,035	11,568
64	43	85 515	3 766,407	44 248,858	11,748	11,282
65	44	84 220	3 532,719	40 482,451	11,459	10,993
66	45	82 840	3 309,395	36 949,732	11,165	10,699
67	46	81 371	3 095,895	33 640,337	10,866	10,400
68	47	79 809	2 891,884	30 544,442	10,562	10,096
69	48	78 171	2 697,649	27 652,558	10,251	9,784
70	49	76 400	2 510,972	24 954,909	9,938	9,472
71	50	74 565	2 333,980	22 443,937	9,616	9,150
72	51	72 593	2 164,051	20 109,957	9,293	8,826
73	52	70 541	2 002,735	17 945,907	8,961	8,494
74	53	68 353	1 848,215	15 943,172	8,626	8,160
75	54	66 059	1 701,110	14 094,957	8,286	7,819
76	55	63 653	1 561,111	12 393,847	7,939	7,473
77	56	61 088	1 426,859	10 832,736	7,592	7,126
78	57	58 393	1 298,948	9 405,877	7,241	6,775
79	58	55 519	1 176,210	8 106,929	6,892	6,426
80	59	52 488	1 059,040	6 930,719	6,544	6,078
81	60	49 293	947,222	5 871,679	6,199	5,732
82	61	45 869	839,449	4 924,458	5,866	5,400
83	62	42 294	737,173	4 085,009	5,541	5,075
84	63	38 610	640,920	3 347,836	5,223	4,757
85	64	34 822	550,507	2 706,916	4,917	4,451
86	65	30 944	465,901	2 156,409	4,628	4,162
87	66	27 084	388,366	1 690,508	4,353	3,886
88	67	23 300	318,198	1 302,141	4,092	3,626
89	68	19 647	255,536	983,943	3,851	3,384
90	69	16 231	201,058	728,407	3,623	3,156
91	70	13 131	154,907	527,349	3,404	2,938
92	71	10 384	116,671	372,443	3,192	2,726
93	72	7 934	84,893	255,771	3,013	2,546
94	73	5 914	60,264	170,878	2,835	2,369
95	74	4 246	41,209	110,614	2,684	2,218
96	75	2 960	27,363	69,405	2,536	2,070
97	76	1 967	17,319	42,042	2,427	1,961
98	77	1 277	10,707	24,723	2,309	1,843
99	78	797	6,362	14,016	2,203	1,737
100	79	478	3,631	7,653	2,108	1,641

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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22	0	99 261	33 932,368	653 355,252	19,255	18,788
23	1	98 918	32 204,802	619 422,884	19,234	18,767
24	2	98 853	30 651,077	587 218,082	19,158	18,692
25	3	98 794	29 174,015	556 567,005	19,077	18,611
26	4	98 740	27 769,745	527 392,990	18,992	18,525
27	5	98 685	26 432,711	499 623,245	18,902	18,435
28	6	98 631	25 160,143	473 190,534	18,807	18,341
29	7	98 574	23 948,304	448 030,391	18,708	18,242
30	8	98 518	22 794,952	424 082,087	18,604	18,138
31	9	98 456	21 695,779	401 287,135	18,496	18,030
32	10	98 390	20 648,657	379 591,356	18,383	17,917
33	11	98 322	19 651,771	358 942,699	18,265	17,799
34	12	98 242	18 700,832	339 290,928	18,143	17,677
35	13	98 159	17 795,213	320 590,097	18,016	17,549
36	14	98 071	16 932,630	302 794,884	17,882	17,416
37	15	97 977	16 110,968	285 862,255	17,743	17,277
38	16	97 869	15 326,880	269 751,286	17,600	17,133
39	17	97 751	14 579,297	254 424,406	17,451	16,985
40	18	97 628	13 867,688	239 845,110	17,295	16,829
41	19	97 488	13 188,376	225 977,422	17,135	16,668
42	20	97 341	12 541,413	212 789,045	16,967	16,501
43	21	97 183	11 924,789	200 247,633	16,793	16,326
44	22	97 017	11 337,585	188 322,844	16,610	16,144
45	23	96 827	10 776,531	176 985,259	16,423	15,957
46	24	96 620	10 241,417	166 208,728	16,229	15,763
47	25	96 392	9 730,724	155 967,311	16,028	15,562
48	26	96 146	9 243,653	146 236,587	15,820	15,354
49	27	95 872	8 778,449	136 992,934	15,606	15,139
50	28	95 567	8 333,793	128 214,485	15,385	14,918
51	29	95 227	7 908,698	119 880,692	15,158	14,692
52	30	94 850	7 502,267	111 971,994	14,925	14,459
53	31	94 427	7 113,175	104 469,727	14,687	14,220
54	32	93 954	6 740,513	97 356,552	14,443	13,977
55	33	93 422	6 383,220	90 616,040	14,196	13,730
56	34	92 837	6 041,135	84 232,820	13,943	13,477
57	35	92 188	5 713,242	78 191,684	13,686	13,220
58	36	91 474	5 399,060	72 478,443	13,424	12,958
59	37	90 686	5 097,683	67 079,383	13,159	12,692
60	38	89 833	4 809,263	61 981,699	12,888	12,422
61	39	88 896	4 532,485	57 172,436	12,614	12,148
62	40	87 881	4 267,374	52 639,950	12,335	11,869
63	41	86 772	4 012,881	48 372,577	12,054	11,588
64	42	85 583	3 769,399	44 359,696	11,768	11,302
65	43	84 296	3 535,930	40 590,297	11,479	11,013
66	44	82 921	3 312,610	37 054,367	11,186	10,719
67	45	81 465	3 099,466	33 741,757	10,886	10,420
68	46	79 907	2 895,410	30 642,291	10,583	10,117
69	47	78 279	2 701,350	27 746,881	10,271	9,805
70	48	76 522	2 514,981	25 045,531	9,959	9,492
71	49	74 696	2 338,067	22 530,550	9,636	9,170
72	50	72 728	2 168,068	20 192,483	9,314	8,847
73	51	70 693	2 007,036	18 024,415	8,981	8,514
74	52	68 513	1 852,537	16 017,379	8,646	8,180
75	53	66 229	1 705,489	14 164,842	8,305	7,839
76	54	63 838	1 565,634	12 459,353	7,958	7,492
77	55	61 287	1 431,505	10 893,720	7,610	7,144
78	56	58 602	1 303,611	9 462,215	7,258	6,792
79	57	55 737	1 180,844	8 158,604	6,909	6,443
80	58	52 717	1 063,666	6 977,760	6,560	6,094
81	59	49 526	951,701	5 914,094	6,214	5,748
82	60	46 112	843,901	4 962,394	5,880	5,414
83	61	42 536	741,389	4 118,493	5,555	5,089
84	62	38 849	644,876	3 377,104	5,237	4,770
85	63	35 059	554,247	2 732,228	4,930	4,463
86	64	31 177	469,409	2 177,980	4,640	4,173
87	65	27 301	391,487	1 708,571	4,364	3,898
88	66	23 506	321,011	1 317,085	4,103	3,637
89	67	19 835	257,982	996,073	3,861	3,395
90	68	16 403	203,184	738,092	3,633	3,166
91	69	13 284	156,717	534,907	3,413	2,947
92	70	10 517	118,160	378,190	3,201	2,734
93	71	8 044	86,073	260,030	3,021	2,555
94	72	6 003	61,170	173,957	2,844	2,377
95	73	4 317	41,897	112,787	2,692	2,226
96	74	3 014	27,860	70,890	2,544	2,078
97	75	2 006	17,659	43,030	2,437	1,970
98	76	1 305	10,943	25,371	2,318	1,852
99	77	816	6,517	14,428	2,214	1,747
100	78	491	3,734	7,911	2,119	1,652

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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23	0	99 216	32 301,880	619 707,844	19,185	18,718
24	1	98 877	30 658,679	587 405,964	19,160	18,693
25	2	98 806	29 177,640	556 747,285	19,081	18,615
26	3	98 750	27 772,609	527 569,645	18,996	18,530
27	4	98 695	26 435,241	499 797,036	18,906	18,440
28	5	98 640	25 162,384	473 361,796	18,812	18,346
29	6	98 583	23 950,423	448 199,411	18,714	18,247
30	7	98 523	22 796,011	424 248,988	18,611	18,144
31	8	98 463	21 697,290	401 452,977	18,502	18,036
32	9	98 396	20 649,921	379 755,687	18,390	17,924
33	10	98 327	19 652,920	359 105,766	18,272	17,806
34	11	98 250	18 702,278	339 452,846	18,150	17,684
35	12	98 166	17 796,610	320 750,568	18,023	17,557
36	13	98 080	16 934,225	302 953,958	17,890	17,424
37	14	97 986	16 112,454	286 019,733	17,751	17,285
38	15	97 881	15 328,745	269 907,279	17,608	17,142
39	16	97 765	14 581,444	254 578,534	17,459	16,993
40	17	97 642	13 869,577	239 997,091	17,304	16,837
41	18	97 508	13 190,975	226 127,514	17,143	16,676
42	19	97 358	12 543,605	212 936,539	16,976	16,509
43	20	97 201	11 926,994	200 392,934	16,802	16,335
44	21	97 033	11 339,455	188 465,940	16,620	16,154
45	22	96 843	10 778,286	177 126,485	16,434	15,967
46	23	96 638	10 243,260	166 348,199	16,240	15,773
47	24	96 410	9 732,475	156 104,939	16,040	15,573
48	25	96 164	9 245,412	146 372,464	15,832	15,366
49	26	95 890	8 780,102	137 127,052	15,618	15,152
50	27	95 588	8 335,587	128 346,951	15,397	14,931
51	28	95 249	7 910,562	120 011,364	15,171	14,705
52	29	94 874	7 504,209	112 100,802	14,938	14,472
53	30	94 457	7 115,431	104 596,593	14,700	14,234
54	31	93 983	6 742,630	97 481,162	14,457	13,991
55	32	93 454	6 385,408	90 738,532	14,210	13,744
56	33	92 870	6 043,313	84 353,124	13,958	13,492
57	34	92 225	5 715,562	78 309,811	13,701	13,235
58	35	91 512	5 401,286	72 594,249	13,440	12,974
59	36	90 728	5 100,022	67 192,963	13,175	12,709
60	37	89 876	4 811,547	62 092,941	12,905	12,439
61	38	88 950	4 535,221	57 281,394	12,630	12,164
62	39	87 934	4 269,940	52 746,173	12,353	11,887
63	40	86 832	4 015,634	48 476,232	12,072	11,605
64	41	85 646	3 772,191	44 460,598	11,786	11,320
65	42	84 363	3 538,739	40 688,407	11,498	11,032
66	43	82 996	3 315,621	37 149,668	11,204	10,738
67	44	81 544	3 102,477	33 834,047	10,905	10,439
68	45	79 999	2 898,750	30 731,570	10,602	10,135
69	46	78 374	2 704,643	27 832,820	10,291	9,824
70	47	76 627	2 518,432	25 128,177	9,978	9,511
71	48	74 815	2 341,800	22 609,745	9,655	9,188
72	49	72 856	2 171,865	20 267,945	9,332	8,866
73	50	70 824	2 010,762	18 096,080	9,000	8,533
74	51	68 660	1 856,515	16 085,318	8,664	8,198
75	52	66 384	1 709,477	14 228,803	8,323	7,857
76	53	64 002	1 569,664	12 519,326	7,976	7,509
77	54	61 465	1 435,652	10 949,662	7,627	7,161
78	55	58 793	1 307,856	9 514,010	7,275	6,808
79	56	55 938	1 185,083	8 206,155	6,925	6,458
80	57	52 925	1 067,857	7 021,072	6,575	6,109
81	58	49 742	955,858	5 953,215	6,228	5,762
82	59	46 330	847,891	4 997,357	5,894	5,427
83	60	42 762	745,321	4 149,466	5,567	5,101
84	61	39 071	648,564	3 404,145	5,249	4,782
85	62	35 275	557,668	2 755,581	4,941	4,475
86	63	31 389	472,599	2 197,913	4,651	4,184
87	64	27 507	394,434	1 725,314	4,374	3,908
88	65	23 695	323,590	1 330,880	4,113	3,646
89	66	20 011	260,262	1 007,290	3,870	3,404
90	67	16 560	205,129	747,027	3,642	3,175
91	68	13 425	158,375	541,898	3,422	2,955
92	69	10 640	119,541	383,523	3,208	2,742
93	70	8 147	87,171	263,982	3,028	2,562
94	71	6 086	62,020	176,811	2,851	2,384
95	72	4 382	42,527	114,791	2,699	2,233
96	73	3 064	28,325	72,264	2,551	2,085
97	74	2 042	17,980	43,939	2,444	1,977
98	75	1 331	11,157	25,959	2,327	1,860
99	76	834	6,661	14,802	2,222	1,756
100	77	503	3,825	8,141	2,128	1,662

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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24	0	99 175	30 751,096	587 670,188	19,111	18,644
25	1	98 830	29 184,876	556 919,092	19,082	18,616
26	2	98 763	27 776,060	527 734,215	19,000	18,533
27	3	98 705	26 437,967	499 958,156	18,911	18,444
28	4	98 649	25 164,792	473 520,189	18,817	18,350
29	5	98 592	23 952,556	448 355,396	18,718	18,252
30	6	98 532	22 798,028	424 402,840	18,616	18,149
31	7	98 468	21 698,298	401 604,812	18,509	18,042
32	8	98 403	20 651,360	379 906,514	18,396	17,930
33	9	98 333	19 654,122	359 255,154	18,279	17,812
34	10	98 255	18 703,372	339 601,032	18,157	17,691
35	11	98 174	17 797,986	320 897,660	18,030	17,564
36	12	98 088	16 935,555	303 099,674	17,897	17,431
37	13	97 996	16 113,972	286 164,119	17,759	17,292
38	14	97 890	15 330,158	270 050,147	17,616	17,149
39	15	97 777	14 583,218	254 719,988	17,467	17,000
40	16	97 656	13 871,619	240 136,770	17,311	16,845
41	17	97 521	13 192,771	226 265,151	17,151	16,684
42	18	97 377	12 546,077	213 072,380	16,983	16,517
43	19	97 218	11 929,079	200 526,303	16,810	16,343
44	20	97 051	11 341,552	188 597,224	16,629	16,162
45	21	96 859	10 780,063	177 255,672	16,443	15,977
46	22	96 653	10 244,928	166 475,608	16,250	15,783
47	23	96 427	9 734,227	156 230,680	16,050	15,583
48	24	96 181	9 247,076	146 496,453	15,842	15,376
49	25	95 909	8 781,772	137 249,378	15,629	15,162
50	26	95 605	8 337,156	128 467,606	15,409	14,943
51	27	95 270	7 912,264	120 130,450	15,183	14,716
52	28	94 897	7 505,978	112 218,185	14,951	14,484
53	29	94 481	7 117,273	104 712,207	14,712	14,246
54	30	94 013	6 744,769	97 594,935	14,470	14,003
55	31	93 484	6 387,413	90 850,166	14,223	13,757
56	32	92 902	6 045,384	84 462,752	13,971	13,505
57	33	92 258	5 717,622	78 417,368	13,715	13,249
58	34	91 549	5 403,480	72 699,746	13,454	12,988
59	35	90 765	5 102,124	67 296,266	13,190	12,723
60	36	89 917	4 813,754	62 194,141	12,920	12,454
61	37	88 992	4 537,375	57 380,387	12,646	12,180
62	38	87 987	4 272,518	52 843,012	12,368	11,902
63	39	86 884	4 018,050	48 570,494	12,088	11,622
64	40	85 705	3 774,780	44 552,444	11,803	11,336
65	41	84 426	3 541,360	40 777,665	11,515	11,048
66	42	83 062	3 318,255	37 236,304	11,222	10,755
67	43	81 618	3 105,297	33 918,049	10,923	10,456
68	44	80 076	2 901,566	30 812,753	10,619	10,153
69	45	78 464	2 707,763	27 911,187	10,308	9,841
70	46	76 720	2 521,502	25 203,423	9,995	9,529
71	47	74 918	2 345,013	22 681,922	9,672	9,206
72	48	72 972	2 175,333	20 336,908	9,349	8,882
73	49	70 948	2 014,283	18 161,576	9,016	8,550
74	50	68 788	1 859,962	16 147,293	8,682	8,215
75	51	66 526	1 713,148	14 287,331	8,340	7,873
76	52	64 152	1 573,334	12 574,183	7,992	7,526
77	53	61 623	1 439,348	11 000,849	7,643	7,177
78	54	58 963	1 311,645	9 561,501	7,290	6,823
79	55	56 120	1 188,941	8 249,856	6,939	6,472
80	56	53 114	1 071,690	7 060,915	6,589	6,122
81	57	49 938	959,624	5 989,225	6,241	5,775
82	58	46 532	851,595	5 029,601	5,906	5,440
83	59	42 964	748,845	4 178,006	5,579	5,113
84	60	39 278	652,004	3 429,161	5,259	4,793
85	61	35 477	560,857	2 777,157	4,952	4,485
86	62	31 582	475,516	2 216,300	4,661	4,194
87	63	27 694	397,114	1 740,784	4,384	3,917
88	64	23 873	326,026	1 343,670	4,121	3,655
89	65	20 171	262,353	1 017,643	3,879	3,412
90	66	16 707	206,943	755,290	3,650	3,183
91	67	13 553	159,891	548,347	3,430	2,963
92	68	10 752	120,806	388,456	3,216	2,749
93	69	8 242	88,190	267,651	3,035	2,569
94	70	6 164	62,811	179,461	2,857	2,391
95	71	4 443	43,118	116,649	2,705	2,239
96	72	3 110	28,751	73,532	2,558	2,091
97	73	2 077	18,280	44,781	2,450	1,983
98	74	1 355	11,360	26,501	2,333	1,866
99	75	851	6,792	15,141	2,229	1,763
100	76	514	3,909	8,349	2,136	1,669

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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24						
25	0	99 128	29 272,851	557 164,152	19,033	18,567
26	1	98 787	27 782,948	527 891,301	19,001	18,534
27	2	98 717	26 441,252	500 108,353	18,914	18,448
28	3	98 659	25 167,388	473 667,101	18,821	18,354
29	4	98 601	23 954,849	448 499,713	18,723	18,256
30	5	98 541	22 800,059	424 544,865	18,620	18,154
31	6	98 476	21 700,218	401 744,806	18,513	18,047
32	7	98 407	20 652,319	380 044,588	18,402	17,936
33	8	98 340	19 655,492	359 392,269	18,285	17,818
34	9	98 261	18 704,516	339 736,777	18,163	17,697
35	10	98 180	17 799,027	321 032,261	18,037	17,570
36	11	98 095	16 936,865	303 233,233	17,904	17,437
37	12	98 003	16 115,238	286 296,368	17,766	17,299
38	13	97 900	15 331,603	270 181,131	17,622	17,156
39	14	97 786	14 584,563	254 849,528	17,474	17,008
40	15	97 668	13 873,307	240 264,965	17,319	16,852
41	16	97 535	13 194,714	226 391,658	17,158	16,691
42	17	97 391	12 547,786	213 196,944	16,991	16,524
43	18	97 237	11 931,430	200 649,158	16,817	16,350
44	19	97 068	11 343,534	188 717,729	16,637	16,170
45	20	96 877	10 782,057	177 374,194	16,451	15,984
46	21	96 669	10 246,618	166 592,137	16,258	15,792
47	22	96 443	9 735,812	156 345,520	16,059	15,592
48	23	96 199	9 248,740	146 609,708	15,852	15,385
49	24	95 926	8 783,352	137 360,967	15,639	15,172
50	25	95 624	8 338,742	128 577,615	15,419	14,953
51	26	95 288	7 913,754	120 238,873	15,194	14,727
52	27	94 917	7 507,594	112 325,119	14,962	14,495
53	28	94 504	7 118,950	104 817,526	14,724	14,257
54	29	94 038	6 746,514	97 698,575	14,481	14,015
55	30	93 513	6 389,440	90 952,061	14,235	13,768
56	31	92 931	6 047,283	84 562,621	13,984	13,517
57	32	92 290	5 719,582	78 515,338	13,727	13,261
58	33	91 582	5 405,428	72 795,756	13,467	13,001
59	34	90 802	5 104,197	67 390,328	13,203	12,737
60	35	89 954	4 815,739	62 286,132	12,934	12,467
61	36	89 033	4 539,456	57 470,392	12,660	12,194
62	37	88 029	4 274,547	52 930,936	12,383	11,916
63	38	86 937	4 020,475	48 656,389	12,102	11,636
64	39	85 757	3 777,050	44 635,914	11,818	11,351
65	40	84 484	3 543,790	40 858,864	11,530	11,063
66	41	83 124	3 320,713	37 315,073	11,237	10,771
67	42	81 683	3 107,764	33 994,360	10,939	10,472
68	43	80 149	2 904,203	30 886,597	10,635	10,169
69	44	78 541	2 710,394	27 982,394	10,324	9,858
70	45	76 809	2 524,411	25 272,000	10,011	9,545
71	46	75 009	2 347,872	22 747,589	9,689	9,222
72	47	73 072	2 178,318	20 399,717	9,365	8,898
73	48	71 061	2 017,499	18 221,400	9,032	8,565
74	49	68 908	1 863,219	16 203,901	8,697	8,230
75	50	66 650	1 716,328	14 340,682	8,355	7,889
76	51	64 289	1 576,713	12 624,354	8,007	7,540
77	52	61 767	1 442,713	11 047,641	7,658	7,191
78	53	59 115	1 315,021	9 604,927	7,304	6,838
79	54	56 282	1 192,386	8 289,906	6,952	6,486
80	55	53 287	1 075,179	7 097,520	6,601	6,135
81	56	50 118	963,069	6 022,341	6,253	5,787
82	57	46 716	854,950	5 059,272	5,918	5,451
83	58	43 152	752,117	4 204,322	5,590	5,124
84	59	39 464	655,087	3 452,205	5,270	4,803
85	60	35 665	563,832	2 797,118	4,961	4,495
86	61	31 763	478,235	2 233,286	4,670	4,203
87	62	27 865	399,565	1 755,052	4,392	3,926
88	63	24 035	328,242	1 355,486	4,130	3,663
89	64	20 323	264,329	1 027,244	3,886	3,420
90	65	16 841	208,605	762,916	3,657	3,191
91	66	13 673	161,304	554,310	3,436	2,970
92	67	10 855	121,962	393,006	3,222	2,756
93	68	8 329	89,123	271,044	3,041	2,575
94	69	6 236	63,545	181,921	2,863	2,396
95	70	4 499	43,668	118,376	2,711	2,244
96	71	3 154	29,151	74,708	2,563	2,096
97	72	2 108	18,555	45,558	2,455	1,989
98	73	1 378	11,550	27,003	2,338	1,872
99	74	866	6,915	15,453	2,235	1,768
100	75	524	3,986	8,538	2,142	1,676

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	1 930 375,765	19,304	18,837	50	50	94 053	7 282,251	102 752,716	14,110	13,643
1	1	99 344	94 388,893	1 830 375,765	19,392	18,925	51	51	93 566	6 883,223	95 470,466	13,870	13,403
2	2	99 292	89 633,640	1 735 986,872	19,368	18,901	52	52	93 020	6 501,708	88 587,243	13,625	13,158
3	3	99 264	85 138,731	1 646 353,232	19,337	18,871	53	53	92 419	6 137,464	82 085,535	13,375	12,908
4	4	99 243	80 874,752	1 561 214,501	19,304	18,837	54	54	91 749	5 789,025	75 948,071	13,119	12,653
5	5	99 223	76 825,082	1 480 339,749	19,269	18,802	55	55	90 997	5 455,216	70 159,046	12,861	12,394
6	6	99 204	72 979,118	1 403 514,667	19,232	18,765	56	56	90 166	5 135,736	64 703,830	12,599	12,132
7	7	99 187	69 326,393	1 330 535,550	19,192	18,726	57	57	89 251	4 830,076	59 568,094	12,333	11,866
8	8	99 174	65 859,573	1 261 209,157	19,150	18,683	58	58	88 249	4 537,621	54 738,018	12,063	11,596
9	9	99 158	62 564,705	1 195 349,584	19,106	18,639	59	59	87 149	4 257,515	50 200,397	11,791	11,324
10	10	99 144	59 435,508	1 132 784,879	19,059	18,592	60	60	85 963	3 990,125	45 942,881	11,514	11,047
11	11	99 130	56 463,014	1 073 349,372	19,010	18,543	61	61	84 669	3 734,017	41 952,756	11,235	10,768
12	12	99 115	53 638,269	1 016 886,358	18,958	18,491	62	62	83 277	3 489,414	38 218,739	10,953	10,486
13	13	99 101	50 955,216	963 248,089	18,904	18,437	63	63	81 777	3 255,673	34 729,325	10,667	10,201
14	14	99 082	48 404,304	912 292,873	18,847	18,381	64	64	80 171	3 032,526	31 473,652	10,379	9,912
15	15	99 059	45 979,358	863 888,569	18,789	18,322	65	65	78 438	2 818,971	28 441,126	10,089	9,622
16	16	99 031	43 673,553	817 909,210	18,728	18,261	66	66	76 613	2 616,035	25 622,155	9,794	9,327
17	17	98 992	41 478,685	774 235,657	18,666	18,199	67	67	74 681	2 422,852	23 006,120	9,495	9,029
18	18	98 951	39 393,484	732 756,972	18,601	18,134	68	68	72 641	2 239,135	20 583,267	9,193	8,726
19	19	98 894	37 406,776	693 363,488	18,536	18,069	69	69	70 502	2 064,802	18 344,132	8,884	8,417
20	20	98 837	35 520,536	655 956,712	18,467	18,000	70	70	68 217	1 898,224	16 279,331	8,576	8,109
21	21	98 777	33 727,917	620 436,176	18,395	17,929	71	71	65 856	1 741,099	14 381,107	8,260	7,793
22	22	98 720	32 027,259	586 708,258	18,319	17,852	72	72	63 353	1 591,383	12 640,008	7,943	7,476
23	23	98 659	30 410,943	554 681,000	18,240	17,773	73	73	60 780	1 450,601	11 048,625	7,617	7,150
24	24	98 601	28 876,976	524 270,057	18,155	17,689	74	74	58 064	1 316,649	9 598,023	7,290	6,823
25	25	98 537	27 418,594	495 393,081	18,068	17,601	75	75	55 255	1 190,459	8 281,374	6,956	6,490
26	26	98 475	26 034,559	467 974,487	17,975	17,508	76	76	52 370	1 072,028	7 090,915	6,614	6,148
27	27	98 411	24 719,920	441 939,928	17,878	17,411	77	77	49 336	959,541	6 018,888	6,273	5,806
28	28	98 344	23 470,961	417 220,009	17,776	17,309	78	78	46 202	853,765	5 059,346	5,926	5,459
29	29	98 274	22 284,136	393 749,048	17,669	17,203	79	79	42 891	753,042	4 205,581	5,585	5,118
30	30	98 197	21 156,055	371 464,912	17,558	17,092	80	80	39 447	658,028	3 452,540	5,247	4,780
31	31	98 111	20 083,109	350 308,858	17,443	16,976	81	81	35 864	568,420	2 794,511	4,916	4,449
32	32	98 019	19 063,599	330 225,748	17,322	16,856	82	82	32 118	483,655	2 226,092	4,603	4,136
33	33	97 924	18 094,998	311 162,149	17,196	16,729	83	83	28 314	405,100	1 742,437	4,301	3,834
34	34	97 817	17 173,627	293 067,151	17,065	16,598	84	84	24 532	333,489	1 337,336	4,010	3,543
35	35	97 702	16 297,810	275 893,523	16,928	16,461	85	85	20 824	268,957	1 003,848	3,732	3,266
36	36	97 583	15 466,055	259 595,714	16,785	16,318	86	86	17 225	211,375	734,890	3,477	3,010
37	37	97 455	14 675,228	244 129,659	16,635	16,169	87	87	13 872	161,744	523,515	3,237	2,770
38	38	97 313	13 922,936	229 454,430	16,480	16,014	88	88	10 836	120,045	361,771	3,014	2,547
39	39	97 150	13 206,347	215 531,495	16,320	15,854	89	89	8 172	86,007	241,727	2,811	2,344
40	40	96 984	12 526,086	202 325,147	16,152	15,686	90	90	5 939	59,388	155,719	2,622	2,155
41	41	96 797	11 878,388	189 799,061	15,979	15,512	91	91	4 144	39,371	96,331	2,447	1,980
42	42	96 597	11 262,483	177 920,673	15,798	15,331	92	92	2 762	24,938	56,960	2,284	1,817
43	43	96 381	10 676,798	166 658,190	15,609	15,143	93	93	1 739	14,912	32,023	2,147	1,681
44	44	96 145	10 119,409	155 981,392	15,414	14,947	94	94	1 041	8,479	17,110	2,018	1,551
45	45	95 879	9 588,038	145 861,982	15,213	14,746	95	95	585	4,527	8,631	1,906	1,440
46	46	95 581	9 081,456	136 273,944	15,006	14,539	96	96	310	2,282	4,104	1,798	1,332
47	47	95 257	8 599,176	127 192,488	14,791	14,324	97	97	150	1,049	1,822	1,736	1,269
48	48	94 901	8 139,723	118 593,312	14,570	14,103	98	98	70	0,464	0,772	1,666	1,199
49	49	94 498	7 700,872	110 453,588	14,343	13,876	99	99	31	0,193	0,309	1,596	1,129
							100	100	13	0,075	0,115	1,536	1,069

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 699	99 699,466	1 928 861,406	19,347	18,880	50	51	93 878	7 268,755	101 899,234	14,019	13,552
1	2	99 320	94 365,490	1 829 161,940	19,384	18,917	51	52	93 366	6 868,474	94 630,478	13,778	13,311
2	3	99 280	89 622,505	1 734 796,450	19,357	18,890	52	53	92 803	6 486,540	87 762,004	13,530	13,063
3	4	99 254	85 129,951	1 645 173,945	19,325	18,859	53	54	92 182	6 121,705	81 275,464	13,277	12,810
4	5	99 234	80 867,014	1 560 043,994	19,291	18,825	54	55	91 483	5 772,302	75 153,760	13,020	12,553
5	6	99 214	76 818,238	1 479 176,980	19,256	18,789	55	56	90 702	5 437,512	69 381,458	12,760	12,293
6	7	99 196	72 972,662	1 402 358,742	19,218	18,751	56	57	89 843	5 117,365	63 943,946	12,495	12,029
7	8	99 182	69 323,172	1 329 386,080	19,177	18,710	57	58	88 901	4 811,123	58 826,580	12,227	11,760
8	9	99 167	65 854,984	1 260 062,908	19,134	18,667	58	59	87 865	4 517,885	54 015,458	11,956	11,489
9	10	99 152	62 560,878	1 194 207,925	19,089	18,622	59	60	86 738	4 237,478	49 497,573	11,681	11,214
10	11	99 138	59 432,031	1 131 647,047	19,041	18,574	60	61	85 510	3 969,074	45 260,095	11,403	10,936
11	12	99 123	56 458,648	1 072 215,016	18,991	18,524	61	62	84 188	3 712,786	41 291,021	11,121	10,655
12	13	99 107	53 634,057	1 015 756,368	18,939	18,472	62	63	82 766	3 468,008	37 578,236	10,836	10,369
13	14	99 091	50 950,415	962 122,311	18,884	18,417	63	64	81 226	3 233,701	34 110,227	10,548	10,082
14	15	99 073	48 399,841	911 171,896	18,826	18,359	64	65	79 572	3 009,865	30 876,526	10,258	9,792
15	16	99 047	45 973,764	862 772,055	18,767	18,300	65	66	77 813	2 796,502	27 866,662	9,965	9,498
16	17	99 017	43 667,122	816 798,291	18,705	18,238	66	67	75 942	2 593,113	25 070,159	9,668	9,201
17	18	98 979	41 473,037	773 131,168	18,642	18,175	67	68	73 972	2 399,878	22 477,046	9,366	8,899
18	19	98 932	39 385,723	731 658,131	18,577	18,110	68	69	71 881	2 215,701	20 077,167	9,061	8,595
19	20	98 877	37 400,237	692 272,408	18,510	18,043	69	70	69 688	2 040,944	17 861,466	8,752	8,285
20	21	98 819	35 513,969	654 872,171	18,440	17,973	70	71	67 358	1 874,309	15 820,523	8,441	7,974
21	22	98 760	33 722,356	619 358,202	18,366	17,900	71	72	64 953	1 717,243	13 946,214	8,121	7,654
22	23	98 704	32 022,044	585 635,846	18,289	17,822	72	73	62 414	1 567,809	12 228,971	7,800	7,333
23	24	98 642	30 405,470	553 613,802	18,208	17,741	73	74	59 782	1 426,788	10 661,162	7,472	7,005
24	25	98 583	28 871,780	523 208,332	18,122	17,655	74	75	57 028	1 293,156	9 234,374	7,141	6,674
25	26	98 518	27 413,378	494 336,552	18,033	17,566	75	76	54 192	1 167,565	7 941,218	6,802	6,335
26	27	98 456	26 029,659	466 923,174	17,938	17,471	76	77	51 241	1 048,908	6 773,654	6,458	5,991
27	28	98 390	24 714,600	440 893,514	17,839	17,373	77	78	48 162	936,708	5 724,745	6,112	5,645
28	29	98 321	23 465,430	416 178,914	17,736	17,269	78	79	44 934	830,331	4 788,038	5,766	5,300
29	30	98 248	22 278,369	392 713,484	17,628	17,161	79	80	41 544	729,385	3 957,707	5,426	4,959
30	31	98 166	21 149,346	370 435,115	17,515	17,048	80	81	38 009	634,036	3 228,321	5,092	4,625
31	32	98 080	20 076,803	349 285,769	17,397	16,931	81	82	34 334	544,163	2 594,286	4,767	4,301
32	33	97 986	19 057,068	329 208,966	17,275	16,808	82	83	30 532	459,773	2 050,123	4,459	3,992
33	34	97 888	18 088,478	310 151,898	17,146	16,680	83	84	26 708	382,126	1 590,350	4,162	3,695
34	35	97 777	17 166,655	292 063,420	17,013	16,547	84	85	22 934	311,757	1 208,224	3,876	3,409
35	36	97 662	16 291,093	274 896,765	16,874	16,407	85	86	19 239	248,483	896,466	3,608	3,141
36	37	97 539	15 458,964	258 605,673	16,729	16,262	86	87	15 723	192,947	647,983	3,358	2,892
37	38	97 408	14 668,262	243 146,709	16,576	16,110	87	88	12 486	145,579	455,036	3,126	2,659
38	39	97 254	13 914,537	228 478,446	16,420	15,953	88	89	9 599	106,335	309,457	2,910	2,443
39	40	97 092	13 198,408	214 563,909	16,257	15,790	89	90	7 113	74,868	203,122	2,713	2,246
40	41	96 917	12 517,497	201 365,501	16,087	15,620	90	91	5 063	50,630	128,254	2,533	2,066
41	42	96 726	11 869,595	188 848,004	15,910	15,443	91	92	3 449	32,771	77,624	2,369	1,902
42	43	96 520	11 253,544	176 978,409	15,726	15,260	92	93	2 244	20,262	44,853	2,214	1,747
43	44	96 293	10 667,103	165 724,865	15,536	15,069	93	94	1 375	11,796	24,592	2,085	1,618
44	45	96 052	10 109,587	155 057,762	15,338	14,871	94	95	801	6,528	12,796	1,960	1,493
45	46	95 769	9 576,991	144 948,175	15,135	14,668	95	96	437	3,383	6,268	1,853	1,386
46	47	95 465	9 070,399	135 371,184	14,925	14,458	96	97	222	1,630	2,885	1,770	1,303
47	48	95 126	8 587,393	126 300,785	14,708	14,241	97	98	105	0,736	1,255	1,706	1,239
48	49	94 750	8 126,748	117 713,392	14,485	14,018	98	99	48	0,318	0,519	1,630	1,164
49	50	94 333	7 687,410	109 586,644	14,255	13,789	99	100	20	0,128	0,201	1,565	1,099

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 675	99 674,746	1 927 544,499	19,338	18,872
1	3	99 307	94 353,768	1 827 869,753	19,373	18,906
2	4	99 270	89 613,263	1 733 515,986	19,344	18,878
3	5	99 245	85 121,805	1 643 902,723	19,312	18,846
4	6	99 225	80 859,810	1 558 780,918	19,278	18,811
5	7	99 206	76 811,443	1 477 921,108	19,241	18,774
6	8	99 191	72 969,272	1 401 109,665	19,201	18,735
7	9	99 175	69 318,341	1 328 140,393	19,160	18,693
8	10	99 161	65 850,955	1 258 822,052	19,116	18,649
9	11	99 146	62 557,218	1 192 971,097	19,070	18,603
10	12	99 131	59 427,435	1 130 413,879	19,022	18,555
11	13	99 115	56 454,214	1 070 986,443	18,971	18,504
12	14	99 098	53 629,004	1 014 532,229	18,918	18,451
13	15	99 082	50 945,717	960 903,225	18,861	18,395
14	16	99 061	48 393,952	909 957,508	18,803	18,336
15	17	99 032	45 966,995	861 563,555	18,743	18,276
16	18	99 003	43 661,176	815 596,561	18,680	18,213
17	19	98 959	41 464,866	771 935,384	18,617	18,150
18	20	98 915	39 378,839	730 470,518	18,550	18,083
19	21	98 859	37 393,323	691 091,679	18,482	18,015
20	22	98 803	35 508,113	653 698,356	18,410	17,943
21	23	98 744	33 716,866	618 190,243	18,335	17,868
22	24	98 686	32 016,281	584 473,378	18,256	17,789
23	25	98 624	30 399,999	552 457,096	18,173	17,706
24	26	98 565	28 866,288	522 057,098	18,085	17,619
25	27	98 499	27 408,219	493 190,810	17,994	17,527
26	28	98 435	26 024,058	465 782,591	17,898	17,431
27	29	98 367	24 708,776	439 758,532	17,798	17,331
28	30	98 296	23 459,358	415 049,756	17,692	17,225
29	31	98 217	22 271,304	391 590,398	17,583	17,116
30	32	98 135	21 142,705	369 319,094	17,468	17,001
31	33	98 046	20 069,924	348 176,389	17,348	16,881
32	34	97 951	19 050,201	328 106,465	17,223	16,756
33	35	97 849	18 081,134	309 056,264	17,093	16,626
34	36	97 737	17 159,580	290 975,130	16,957	16,490
35	37	97 617	16 283,623	273 815,550	16,815	16,349
36	38	97 492	15 451,626	257 531,927	16,667	16,200
37	39	97 350	14 659,414	242 080,300	16,514	16,047
38	40	97 196	13 906,172	227 420,887	16,354	15,887
39	41	97 025	13 189,358	213 514,715	16,188	15,722
40	42	96 846	12 508,231	200 325,356	16,015	15,549
41	43	96 649	11 860,174	187 817,125	15,836	15,369
42	44	96 432	11 243,325	175 956,952	15,650	15,183
43	45	96 200	10 656,749	164 713,627	15,456	14,989
44	46	95 941	10 097,939	154 056,878	15,256	14,789
45	47	95 652	9 565,331	143 958,939	15,050	14,583
46	48	95 334	9 057,970	134 393,608	14,837	14,370
47	49	94 975	8 573,704	125 335,638	14,619	14,152
48	50	94 584	8 112,542	116 761,934	14,393	13,926
49	51	94 158	7 673,164	108 649,392	14,160	13,693
50	52	93 677	7 253,181	100 976,228	13,922	13,455
51	53	93 148	6 852,451	93 723,048	13,677	13,211
52	54	92 565	6 469,884	86 870,597	13,427	12,960
53	55	91 915	6 104,021	80 400,713	13,172	12,705
54	56	91 187	5 753,568	74 296,692	12,913	12,446
55	57	90 377	5 418,062	68 543,123	12,651	12,184
56	58	89 490	5 097,284	63 125,062	12,384	11,917
57	59	88 514	4 790,197	58 027,777	12,114	11,647
58	60	87 452	4 496,622	53 237,580	11,839	11,373
59	61	86 281	4 215,121	48 740,958	11,563	11,097
60	62	85 024	3 946,506	44 525,837	11,282	10,816
61	63	83 671	3 690,010	40 579,331	10,997	10,530
62	64	82 207	3 444,603	36 889,321	10,709	10,243
63	65	80 619	3 209,537	33 444,718	10,420	9,954
64	66	78 938	2 985,875	30 235,181	10,126	9,659
65	67	77 131	2 771,999	27 249,307	9,830	9,363
66	68	75 222	2 568,525	24 477,307	9,530	9,063
67	69	73 198	2 374,762	21 908,782	9,226	8,759
68	70	71 050	2 190,099	19 534,020	8,919	8,452
69	71	68 810	2 015,230	17 343,921	8,606	8,140
70	72	66 435	1 848,627	15 328,691	8,292	7,825
71	73	63 991	1 691,804	13 480,063	7,968	7,501
72	74	61 390	1 542,072	11 788,259	7,644	7,178
73	75	58 716	1 401,329	10 246,187	7,312	6,845
74	76	55 931	1 268,287	8 844,858	6,974	6,507
75	77	53 024	1 142,385	7 576,571	6,632	6,165
76	78	50 022	1 023,948	6 434,186	6,284	5,817
77	79	46 840	910,997	5 410,238	5,939	5,472
78	80	43 522	804,247	4 499,241	5,594	5,128
79	81	40 029	702,791	3 694,995	5,258	4,791
80	82	36 387	606,979	2 992,204	4,930	4,463
81	83	32 638	517,293	2 385,225	4,611	4,144
82	84	28 801	433,699	1 867,932	4,307	3,840
83	85	24 968	357,226	1 434,234	4,015	3,548
84	86	21 188	288,025	1 077,008	3,739	3,272
85	87	17 561	226,820	788,983	3,478	3,012
86	88	14 152	173,663	562,163	3,237	2,770
87	89	11 060	128,953	388,500	3,013	2,546
88	90	8 356	92,563	259,547	2,804	2,337
89	91	6 064	63,827	166,984	2,616	2,149
90	92	4 214	42,143	103,157	2,448	1,981
91	93	2 802	26,626	61,014	2,292	1,825
92	94	1 775	16,028	34,388	2,146	1,679
93	95	1 059	9,081	18,361	2,022	1,555
94	96	599	4,878	9,280	1,902	1,436
95	97	312	2,417	4,402	1,821	1,355
96	98	155	1,143	1,985	1,737	1,271
97	99	72	0,505	0,843	1,668	1,201
98	100	32	0,211	0,337	1,597	1,131

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 662	99 662,364	1 926 143,601	19,327	18,860
1	4	99 297	94 344,037	1 826 481,237	19,360	18,893
2	5	99 260	89 604,688	1 732 137,200	19,331	18,864
3	6	99 236	85 114,222	1 642 532,512	19,298	18,831
4	7	99 216	80 852,657	1 557 418,290	19,262	18,796
5	8	99 201	76 807,875	1 476 565,632	19,224	18,757
6	9	99 184	72 964,187	1 399 757,758	19,184	18,717
7	10	99 169	69 314,101	1 326 793,571	19,142	18,675
8	11	99 155	65 847,103	1 257 479,470	19,097	18,630
9	12	99 139	62 552,381	1 191 632,367	19,050	18,583
10	13	99 123	59 422,769	1 129 079,986	19,001	18,534
11	14	99 106	56 448,896	1 069 657,217	18,949	18,482
12	15	99 089	53 624,059	1 013 208,322	18,895	18,428
13	16	99 070	50 939,519	959 584,263	18,838	18,371
14	17	99 046	48 386,826	908 644,744	18,779	18,312
15	18	99 019	45 960,736	860 257,917	18,717	18,250
16	19	98 984	43 652,574	814 297,181	18,654	18,187
17	20	98 942	41 457,618	770 644,607	18,589	18,122
18	21	98 896	39 371,559	729 186,989	18,521	18,054
19	22	98 842	37 387,157	689 815,430	18,451	17,984
20	23	98 787	35 502,332	652 428,273	18,377	17,910
21	24	98 726	33 710,798	616 925,941	18,301	17,834
22	25	98 669	32 010,520	583 215,143	18,219	17,753
23	26	98 605	30 394,216	551 204,623	18,135	17,668
24	27	98 546	28 860,855	520 810,407	18,046	17,579
25	28	98 478	27 402,321	491 949,552	17,953	17,486
26	29	98 412	26 017,926	464 547,230	17,855	17,388
27	30	98 341	24 702,383	438 529,305	17,753	17,286
28	31	98 265	23 451,918	413 826,922	17,646	17,179
29	32	98 186	22 264,311	390 375,004	17,534	17,067
30	33	98 101	21 135,461	368 110,693	17,417	16,950
31	34	98 011	20 062,692	346 975,232	17,295	16,828
32	35	97 911	19 042,467	326 912,540	17,168	16,701
33	36	97 808	18 073,682	307 870,073	17,034	16,567
34	37	97 692	17 151,712	289 796,391	16,896	16,429
35	38	97 570	16 275,894	272 644,679	16,751	16,285
36	39	97 433	15 442,305	256 368,784	16,602	16,135
37	40	97 291	14 650,601	240 926,479	16,445	15,978
38	41	97 129	13 896,637	226 275,878	16,283	15,816
39	42	96 954	13 179,595	212 379,241	16,114	15,647
40	43	96 769	12 498,302	199 199,647	15,938	15,471
41	44	96 561	11 849,404	186 701,344	15,756	15,289
42	45	96 339	11 232,412	174 851,941	15,567	15,100
43	46	96 089	10 644,470	163 619,529	15,371	14,905
44	47	95 824	10 085,644	152 975,058	15,168	14,701
45	48	95 521	9 552,223	142 889,414	14,959	14,492
46	49	95 182	9 043,531	133 337,190	14,744	14,277
47	50	94 809	8 558,717	124 293,659	14,522	14,056
48	51	94 409	8 097,508	115 734,942	14,293	13,826
49	52	93 956	7 656,723	107 637,435	14,058	13,591
50	53	93 459	7 236,259	99 980,712	13,817	13,350
51	54	92 909	6 834,856	92 744,453	13,569	13,103
52	55	92 297	6 451,195	85 909,597	13,317	12,850
53	56	91 617	6 084,211	79 458,402	13,060	12,593
54	57	90 860	5 732,988	73 374,192	12,799	12,332
55	58	90 023	5 396,801	67 641,204	12,534	12,067
56	59	89 101	5 075,114	62 244,403	12,265	11,798
57	60	88 098	4 767,653	57 169,289	11,991	11,524
58	61	86 990	4 472,898	52 401,636	11,715	11,249
59	62	85 790	4 191,155	47 928,738	11,436	10,969
60	63	84 502	3 922,296	43 737,584	11,151	10,684
61	64	83 106	3 665,106	39 815,287	10,863	10,397
62	65	81 593	3 418,863	36 150,181	10,574	10,107
63	66	79 976	3 183,955	32 731,318	10,280	9,813
64	67	78 246	2 959,712	29 547,363	9,983	9,516
65	68	76 400	2 745,714	26 587,651	9,683	9,217
66	69	74 434	2 541,644	23 841,936	9,381	8,914
67	70	72 353	2 347,323	21 300,293	9,074	8,607
68	71	70 155	2 162,507	18 952,970	8,764	8,298
69	72	67 867	1 987,618	16 790,463	8,448	7,981
70	73	65 451	1 821,243	14 802,845	8,128	7,661
71	74	62 941	1 664,031	12 981,602	7,801	7,335
72	75	60 294	1 514,556	11 317,571	7,473	7,006
73	76	57 586	1 374,380	9 803,015	7,133	6,666
74	77	54 725	1 240,935	8 428,635	6,792	6,325
75	78	51 762	1 115,200	7 187,700	6,445	5,978
76	79	48 649	995,843	6 072,500	6,098	5,631
77	80	45 369	882,379	5 076,657	5,753	5,287
78	81	41 936	774,922	4 194,279	5,413	4,946
79	82	38 321	672,800	3 419,356	5,082	4,615
80	83	34 590	577,007	2 746,556	4,760	4,293
81	84	30 787	487,956	2 169,549	4,446	3,979
82	85	26 924	405,437	1 681,593	4,148	3,681
83	86	23 067	330,032	1 276,156	3,867	3,400
84	87	19 341	262,915	946,124	3,599	3,132
85	88	15 806	204,151	683,209	3,347	2,880
86	89	12 536	153,830	479,058	3,114	2,647
87	90	9 628	112,251	325,228	2,897	2,431
88	91	7 123	78,912	212,976	2,699	2,232
89	92	5 048	53,127	134,064	2,523	2,057
90	93	3 424	34,241	80,937	2,364	1,897
91	94	2 217	21,062	46,696	2,217	1,750
92	95	1 367	12,339	25,634	2,078	1,611
93	96	791	6,786	13,295	1,959	1,493
94	97	428	3,484	6,510	1,868	1,402
95	98	219	1,694	3,026	1,786	1,319
96	99	107	0,785	1,332	1,697	1,230
97	100	48	0,335	0,547	1,632	1,165

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 652	99 652,086	1 924 639,944	19,314	18,847
1	5	99 288	94 335,010	1 824 987,857	19,346	18,879
2	6	99 251	89 596,706	1 730 652,848	19,316	18,849
3	7	99 227	85 106,693	1 641 056,142	19,282	18,816
4	8	99 212	80 848,901	1 555 949,449	19,245	18,778
5	9	99 194	76 802,522	1 475 100,548	19,206	18,740
6	10	99 178	72 959,724	1 398 298,025	19,165	18,699
7	11	99 163	69 310,046	1 325 338,302	19,122	18,655
8	12	99 147	65 842,011	1 256 028,255	19,076	18,610
9	13	99 131	62 547,469	1 190 186,244	19,029	18,562
10	14	99 114	59 417,171	1 127 638,775	18,978	18,512
11	15	99 097	56 443,691	1 068 221,605	18,925	18,459
12	16	99 077	53 617,535	1 011 777,914	18,870	18,403
13	17	99 055	50 932,018	958 160,379	18,813	18,346
14	18	99 032	48 380,238	907 228,361	18,752	18,285
15	19	98 999	45 951,681	858 848,123	18,690	18,223
16	20	98 966	43 644,944	812 896,442	18,625	18,158
17	21	98 924	41 449,954	769 251,498	18,559	18,092
18	22	98 880	39 365,066	727 801,544	18,489	18,022
19	23	98 826	37 381,070	688 436,478	18,417	17,950
20	24	98 769	35 495,943	651 055,408	18,342	17,875
21	25	98 709	33 704,732	615 559,465	18,263	17,797
22	26	98 650	32 004,431	581 854,733	18,180	17,714
23	27	98 587	30 388,496	549 850,302	18,094	17,627
24	28	98 525	28 854,645	519 461,806	18,003	17,536
25	29	98 455	27 395,864	490 607,161	17,908	17,441
26	30	98 386	26 011,193	463 211,297	17,808	17,341
27	31	98 310	24 694,549	437 200,104	17,704	17,238
28	32	98 234	23 444,554	412 505,555	17,595	17,128
29	33	98 153	22 256,682	389 061,001	17,481	17,014
30	34	98 066	21 127,845	366 804,318	17,361	16,894
31	35	97 971	20 054,547	345 676,473	17,237	16,770
32	36	97 870	19 034,619	325 621,926	17,107	16,640
33	37	97 764	18 065,395	306 587,308	16,971	16,504
34	38	97 646	17 143,571	288 521,912	16,830	16,363
35	39	97 512	16 266,076	271 378,341	16,684	16,217
36	40	97 375	15 433,022	255 112,265	16,530	16,063
37	41	97 224	14 640,555	239 679,243	16,371	15,904
38	42	97 057	13 886,350	225 038,688	16,206	15,739
39	43	96 877	13 169,133	211 152,338	16,034	15,567
40	44	96 681	12 486,953	197 983,205	15,855	15,388
41	45	96 468	11 837,903	185 496,252	15,670	15,203
42	46	96 228	11 219,470	173 658,349	15,478	15,012
43	47	95 972	10 631,511	162 438,879	15,279	14,812
44	48	95 693	10 071,824	151 807,369	15,072	14,606
45	49	95 369	9 536,997	141 735,545	14,862	14,395
46	50	95 016	9 027,722	132 198,548	14,644	14,177
47	51	94 633	8 542,856	123 170,826	14,418	13,951
48	52	94 206	8 080,157	114 627,970	14,186	13,720
49	53	93 737	7 638,860	106 547,813	13,948	13,481
50	54	93 219	7 217,679	98 908,953	13,704	13,237
51	55	92 640	6 815,112	91 691,274	13,454	12,987
52	56	91 998	6 430,258	84 876,162	13,199	12,733
53	57	91 289	6 062,448	78 445,905	12,940	12,473
54	58	90 504	5 710,491	72 383,457	12,676	12,209
55	59	89 631	5 373,328	66 672,966	12,408	11,941
56	60	88 682	5 051,229	61 299,638	12,136	11,669
57	61	87 633	4 742,499	56 248,409	11,861	11,394
58	62	86 496	4 447,466	51 505,910	11,581	11,114
59	63	85 264	4 165,444	47 058,445	11,297	10,831
60	64	83 932	3 895,825	42 893,001	11,010	10,543
61	65	82 485	3 637,718	38 997,175	10,720	10,253
62	66	80 943	3 391,613	35 359,457	10,426	9,959
63	67	79 275	3 156,057	31 967,844	10,129	9,662
64	68	77 504	2 931,648	28 811,787	9,828	9,361
65	69	75 600	2 716,979	25 880,140	9,525	9,059
66	70	73 574	2 512,276	23 163,161	9,220	8,753
67	71	71 441	2 317,749	20 650,885	8,910	8,443
68	72	69 194	2 132,877	18 333,136	8,595	8,129
69	73	66 862	1 958,174	16 200,259	8,273	7,806
70	74	64 376	1 791,345	14 242,085	7,950	7,484
71	75	61 818	1 634,340	12 450,740	7,618	7,151
72	76	59 135	1 485,429	10 816,400	7,282	6,815
73	77	56 345	1 344,740	9 330,971	6,939	6,472
74	78	53 423	1 211,405	7 986,231	6,593	6,126
75	79	50 341	1 084,590	6 774,826	6,246	5,780
76	80	47 120	964,559	5 690,236	5,899	5,433
77	81	43 715	850,206	4 725,677	5,558	5,091
78	82	40 146	741,854	3 875,471	5,224	4,757
79	83	36 428	639,578	3 133,618	4,900	4,433
80	84	32 628	544,284	2 494,040	4,582	4,115
81	85	28 781	456,160	1 949,756	4,274	3,807
82	86	24 874	374,574	1 493,596	3,987	3,521
83	87	21 056	301,260	1 119,023	3,714	3,248
84	88	17 408	236,638	817,763	3,456	2,989
85	89	14 001	180,836	581,125	3,214	2,747
86	90	10 912	133,906	400,289	2,989	2,523
87	91	8 208	95,697	266,382	2,784	2,317
88	92	5 929	65,684	170,685	2,599	2,132
89	93	4 101	43,166	105,002	2,433	1,966
90	94	2 708	27,085	61,836	2,283	1,816
91	95	1 707	16,214	34,750	2,143	1,676
92	96	1 021	9,220	18,536	2,011	1,544
93	97	565	4,847	9,317	1,922	1,455
94	98	300	2,442	4,469	1,830	1,363
95	99	150	1,164	2,027	1,742	1,275
96	100	71	0,520	0,863	1,659	1,192

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 643	99 642,551	1 923 024,737	19,299	18,832
1	6	99 279	94 326,606	1 823 382,186	19,331	18,864
2	7	99 243	89 588,780	1 729 055,580	19,300	18,833
3	8	99 222	85 102,740	1 639 466,800	19,265	18,798
4	9	99 205	80 843,267	1 554 364,060	19,227	18,760
5	10	99 188	76 797,824	1 473 520,793	19,187	18,720
6	11	99 172	72 955,456	1 396 722,969	19,145	18,678
7	12	99 156	69 304,687	1 323 767,513	19,101	18,634
8	13	99 139	65 836,841	1 254 462,827	19,054	18,587
9	14	99 121	62 541,576	1 188 625,985	19,005	18,539
10	15	99 104	59 411,692	1 126 084,409	18,954	18,487
11	16	99 084	56 436,823	1 066 672,717	18,900	18,434
12	17	99 062	53 609,640	1 010 235,894	18,844	18,378
13	18	99 042	50 925,083	956 626,254	18,785	18,318
14	19	99 013	48 370,706	905 701,171	18,724	18,257
15	20	98 982	45 943,649	857 330,465	18,660	18,194
16	21	98 948	43 636,875	811 386,816	18,594	18,127
17	22	98 907	41 443,119	767 749,941	18,525	18,059
18	23	98 864	39 358,657	726 306,822	18,454	17,987
19	24	98 808	37 374,343	686 948,165	18,380	17,913
20	25	98 751	35 489,556	649 573,822	18,303	17,836
21	26	98 690	33 698,320	614 084,266	18,223	17,756
22	27	98 631	31 998,408	580 385,946	18,138	17,671
23	28	98 565	30 381,957	548 387,538	18,050	17,583
24	29	98 502	28 847,846	518 005,581	17,956	17,490
25	30	98 429	27 388,775	489 157,735	17,860	17,393
26	31	98 355	26 002,944	461 768,960	17,758	17,292
27	32	98 279	24 686,795	435 766,016	17,652	17,185
28	33	98 200	23 436,522	411 079,221	17,540	17,073
29	34	98 117	22 248,663	387 642,700	17,423	16,956
30	35	98 026	21 119,267	365 394,037	17,301	16,835
31	36	97 931	20 046,282	344 274,770	17,174	16,707
32	37	97 826	19 025,891	324 228,488	17,041	16,575
33	38	97 717	18 056,820	305 202,597	16,902	16,436
34	39	97 587	17 133,229	287 145,776	16,760	16,293
35	40	97 453	16 256,297	270 012,547	16,610	16,143
36	41	97 308	15 422,440	253 756,250	16,454	15,987
37	42	97 152	14 629,718	238 333,810	16,291	15,824
38	43	96 980	13 875,327	223 704,093	16,122	15,656
39	44	96 789	13 157,175	209 828,765	15,948	15,481
40	45	96 587	12 474,834	196 671,591	15,765	15,299
41	46	96 356	11 824,263	184 196,757	15,578	15,111
42	47	96 111	11 205,810	172 372,494	15,382	14,916
43	48	95 841	10 616,942	161 166,684	15,180	14,713
44	49	95 541	10 055,769	150 549,742	14,971	14,505
45	50	95 202	9 520,325	140 493,973	14,757	14,290
46	51	94 840	9 010,992	130 973,648	14,535	14,068
47	52	94 430	8 524,551	121 962,656	14,307	13,840
48	53	93 987	8 061,307	113 438,104	14,072	13,605
49	54	93 496	7 619,246	105 376,798	13,830	13,364
50	55	92 949	7 196,829	97 757,552	13,583	13,117
51	56	92 340	6 792,994	90 560,723	13,331	12,865
52	57	91 669	6 407,257	83 767,729	13,074	12,607
53	58	90 931	6 038,658	77 360,472	12,811	12,344
54	59	90 110	5 685,654	71 321,815	12,544	12,077
55	60	89 209	5 348,039	65 636,161	12,273	11,806
56	61	88 214	5 024,579	60 288,122	11,999	11,532
57	62	87 135	4 715,533	55 263,543	11,719	11,253
58	63	85 965	4 420,183	50 548,010	11,436	10,969
59	64	84 689	4 137,332	46 127,827	11,149	10,682
60	65	83 304	3 866,713	41 990,495	10,859	10,393
61	66	81 828	3 608,724	38 123,782	10,564	10,098
62	67	80 233	3 361,895	34 515,058	10,267	9,800
63	68	78 524	3 126,131	31 153,162	9,965	9,499
64	69	76 693	2 900,966	28 027,032	9,661	9,194
65	70	74 727	2 685,585	25 126,066	9,356	8,889
66	71	72 647	2 480,624	22 440,481	9,046	8,580
67	72	70 462	2 285,992	19 959,856	8,731	8,265
68	73	68 169	2 101,281	17 673,865	8,411	7,944
69	74	65 764	1 926,028	15 572,583	8,085	7,619
70	75	63 228	1 759,382	13 646,555	7,756	7,290
71	76	60 629	1 602,909	11 887,173	7,416	6,949
72	77	57 860	1 453,395	10 284,264	7,076	6,609
73	78	55 004	1 312,740	8 830,870	6,727	6,260
74	79	51 956	1 178,154	7 518,130	6,381	5,914
75	80	48 760	1 050,518	6 339,975	6,035	5,568
76	81	45 402	929,390	5 289,457	5,691	5,225
77	82	41 849	813,924	4 360,067	5,357	4,890
78	83	38 164	705,222	3 546,143	5,028	4,562
79	84	34 362	603,306	2 840,922	4,709	4,242
80	85	30 502	508,817	2 237,615	4,398	3,931
81	86	26 590	421,435	1 728,799	4,102	3,635
82	87	22 706	341,918	1 307,364	3,824	3,357
83	88	18 952	271,150	965,446	3,561	3,094
84	89	15 420	209,613	694,295	3,312	2,845
85	90	12 188	157,415	484,682	3,079	2,612
86	91	9 303	114,158	327,267	2,867	2,400
87	92	6 832	79,655	213,109	2,675	2,209
88	93	4 818	53,368	133,454	2,501	2,034
89	94	3 244	34,145	80,086	2,345	1,879
90	95	2 085	20,851	45,941	2,203	1,736
91	96	1 275	12,116	25,090	2,071	1,604
92	97	730	6,586	12,974	1,970	1,503
93	98	396	3,398	6,388	1,880	1,413
94	99	206	1,678	2,990	1,782	1,315
95	100	100	0,772	1,312	1,701	1,234

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 634	99 633,675	1 921 290,372	19,284	18,817
1	7	99 270	94 318,262	1 821 656,698	19,314	18,847
2	8	99 238	89 584,618	1 727 338,436	19,282	18,815
3	9	99 216	85 096,809	1 637 753,817	19,246	18,779
4	10	99 199	80 838,322	1 552 657,008	19,207	18,740
5	11	99 182	76 793,332	1 471 818,686	19,166	18,699
6	12	99 165	72 949,814	1 395 025,354	19,123	18,656
7	13	99 148	69 299,245	1 322 075,540	19,078	18,611
8	14	99 130	65 830,638	1 252 776,295	19,030	18,563
9	15	99 112	62 535,809	1 186 945,657	18,980	18,513
10	16	99 092	59 404,463	1 124 409,848	18,928	18,461
11	17	99 070	56 428,513	1 065 005,384	18,874	18,407
12	18	99 049	53 602,340	1 008 576,871	18,816	18,349
13	19	99 022	50 915,050	954 974,531	18,756	18,289
14	20	98 996	48 362,251	904 059,481	18,693	18,227
15	21	98 964	45 935,155	855 697,229	18,628	18,162
16	22	98 932	43 629,680	809 762,075	18,560	18,093
17	23	98 891	41 436,372	766 132,395	18,489	18,023
18	24	98 846	39 351,574	724 696,023	18,416	17,949
19	25	98 791	37 367,618	685 344,449	18,341	17,874
20	26	98 732	35 482,805	647 976,832	18,262	17,795
21	27	98 671	33 691,979	612 494,027	18,179	17,712
22	28	98 610	31 991,523	578 802,048	18,092	17,626
23	29	98 542	30 374,797	546 810,525	18,002	17,535
24	30	98 476	28 840,381	516 435,728	17,907	17,440
25	31	98 398	27 380,089	487 595,347	17,808	17,342
26	32	98 324	25 994,779	460 215,258	17,704	17,237
27	33	98 246	24 678,336	434 220,479	17,595	17,128
28	34	98 165	23 428,077	409 542,143	17,481	17,014
29	35	98 077	22 239,630	386 114,066	17,362	16,895
30	36	97 986	21 110,563	363 874,436	17,237	16,770
31	37	97 886	20 037,091	342 763,873	17,106	16,640
32	38	97 779	19 016,860	322 726,782	16,971	16,504
33	39	97 658	18 045,928	303 709,922	16,830	16,363
34	40	97 528	17 122,930	285 663,994	16,683	16,216
35	41	97 386	16 245,150	268 541,064	16,531	16,064
36	42	97 236	15 411,023	252 295,914	16,371	15,904
37	43	97 075	14 618,105	236 884,891	16,205	15,738
38	44	96 892	13 862,727	222 266,786	16,033	15,567
39	45	96 695	13 144,405	208 404,058	15,855	15,388
40	46	96 476	12 460,460	195 259,654	15,670	15,204
41	47	96 239	11 809,867	182 799,194	15,479	15,012
42	48	95 979	11 190,454	170 989,327	15,280	14,813
43	49	95 688	10 600,018	159 798,873	15,075	14,609
44	50	95 374	10 038,191	149 198,855	14,863	14,396
45	51	95 026	9 502,682	139 160,664	14,644	14,178
46	52	94 636	8 991,684	129 657,981	14,420	13,953
47	53	94 210	8 504,664	120 666,297	14,188	13,721
48	54	93 745	8 040,608	112 161,634	13,949	13,483
49	55	93 226	7 597,236	104 121,026	13,705	13,238
50	56	92 648	7 173,472	96 523,790	13,456	12,989
51	57	92 009	6 768,696	89 350,318	13,201	12,734
52	58	91 309	6 382,114	82 581,622	12,940	12,473
53	59	90 536	6 012,393	76 199,508	12,674	12,207
54	60	89 686	5 658,895	70 187,115	12,403	11,936
55	61	88 739	5 319,823	64 528,220	12,130	11,663
56	62	87 712	4 996,010	59 208,397	11,851	11,384
57	63	86 600	4 686,606	54 212,387	11,568	11,101
58	64	85 385	4 390,352	49 525,781	11,281	10,814
59	65	84 056	4 106,415	45 135,429	10,991	10,525
60	66	82 640	3 835,894	41 029,014	10,696	10,229
61	67	81 111	3 577,104	37 193,121	10,398	9,931
62	68	79 473	3 330,017	33 616,017	10,095	9,628
63	69	77 702	3 093,413	30 286,000	9,790	9,324
64	70	75 807	2 867,446	27 192,586	9,483	9,016
65	71	73 785	2 651,750	24 325,140	9,173	8,706
66	72	71 652	2 446,635	21 673,390	8,858	8,392
67	73	69 418	2 252,128	19 226,754	8,537	8,070
68	74	67 050	2 066,786	16 974,626	8,213	7,746
69	75	64 591	1 891,662	14 907,840	7,881	7,414
70	76	62 012	1 725,546	13 016,178	7,543	7,076
71	77	59 321	1 568,341	11 290,632	7,199	6,732
72	78	56 483	1 418,809	9 722,291	6,852	6,386
73	79	53 494	1 276,708	8 303,482	6,504	6,037
74	80	50 324	1 141,143	7 026,774	6,158	5,691
75	81	46 982	1 012,215	5 885,631	5,815	5,348
76	82	43 465	889,729	4 873,416	5,477	5,011
77	83	39 783	773,733	3 983,687	5,149	4,682
78	84	35 999	665,227	3 209,954	4,825	4,359
79	85	32 123	563,993	2 544,726	4,512	4,045
80	86	28 180	470,083	1 980,733	4,214	3,747
81	87	24 272	384,694	1 510,650	3,927	3,460
82	88	20 436	307,745	1 125,956	3,659	3,192
83	89	16 787	240,184	818,211	3,407	2,940
84	90	13 423	182,465	578,027	3,168	2,701
85	91	10 390	134,200	395,562	2,948	2,481
86	92	7 743	95,022	261,362	2,751	2,284
87	93	5 551	64,719	166,341	2,570	2,103
88	94	3 811	42,215	101,621	2,407	1,940
89	95	2 497	26,286	59,406	2,260	1,793
90	96	1 558	15,581	33,120	2,126	1,659
91	97	911	8,655	17,539	2,027	1,560
92	98	511	4,617	8,884	1,924	1,458
93	99	272	2,334	4,268	1,829	1,362
94	100	136	1,112	1,934	1,738	1,272

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 625	99 624,861	1 919 429,137	19,267	18,800
1	8	99 265	94 313,881	1 819 804,276	19,295	18,828
2	9	99 231	89 578,376	1 725 490,395	19,262	18,796
3	10	99 209	85 091,604	1 635 912,020	19,225	18,759
4	11	99 193	80 833,593	1 550 820,416	19,185	18,719
5	12	99 175	76 787,394	1 469 986,823	19,144	18,677
6	13	99 157	72 944,086	1 393 199,429	19,100	18,633
7	14	99 138	69 292,716	1 320 255,343	19,053	18,587
8	15	99 121	65 824,569	1 250 962,627	19,004	18,538
9	16	99 100	62 528,201	1 185 138,059	18,954	18,487
10	17	99 078	59 395,716	1 122 609,858	18,901	18,434
11	18	99 056	56 420,830	1 063 214,142	18,844	18,378
12	19	99 029	53 591,780	1 006 793,312	18,786	18,320
13	20	99 005	50 906,151	953 201,533	18,725	18,258
14	21	98 977	48 353,310	902 295,382	18,660	18,194
15	22	98 948	45 927,580	853 942,072	18,593	18,126
16	23	98 916	43 622,576	808 014,491	18,523	18,056
17	24	98 873	41 428,914	764 391,915	18,451	17,984
18	25	98 828	39 344,493	722 963,001	18,375	17,908
19	26	98 772	37 360,509	683 618,507	18,298	17,831
20	27	98 714	35 476,127	646 257,998	18,217	17,750
21	28	98 650	33 684,729	610 781,871	18,132	17,666
22	29	98 587	31 983,984	577 097,142	18,043	17,577
23	30	98 517	30 366,937	545 113,158	17,951	17,484
24	31	98 445	28 831,235	514 746,221	17,854	17,387
25	32	98 367	27 371,492	485 914,986	17,753	17,286
26	33	98 291	25 985,873	458 543,494	17,646	17,179
27	34	98 210	24 669,444	432 557,621	17,534	17,067
28	35	98 125	23 418,565	407 888,178	17,417	16,951
29	36	98 037	22 230,464	384 469,613	17,295	16,828
30	37	97 941	21 100,884	362 239,148	17,167	16,700
31	38	97 839	20 027,580	341 138,264	17,033	16,567
32	39	97 720	19 005,388	321 110,685	16,896	16,429
33	40	97 599	18 035,079	302 105,296	16,751	16,284
34	41	97 461	17 111,189	284 070,217	16,601	16,135
35	42	97 314	16 233,125	266 959,028	16,445	15,979
36	43	97 159	15 398,790	250 725,903	16,282	15,815
37	44	96 987	14 604,831	235 327,113	16,113	15,646
38	45	96 798	13 849,273	220 722,282	15,937	15,471
39	46	96 583	13 129,259	206 873,009	15,757	15,290
40	47	96 358	12 445,289	193 743,750	15,568	15,101
41	48	96 107	11 793,684	181 298,461	15,373	14,906
42	49	95 826	11 172,616	169 504,778	15,171	14,705
43	50	95 521	10 581,489	158 332,161	14,963	14,496
44	51	95 197	10 019,588	147 750,673	14,746	14,279
45	52	94 822	9 482,321	137 731,085	14,525	14,058
46	53	94 416	8 970,707	128 248,764	14,296	13,830
47	54	93 968	8 482,826	119 278,057	14,061	13,594
48	55	93 475	8 017,381	110 795,230	13,819	13,353
49	56	92 924	7 572,579	102 777,849	13,572	13,106
50	57	92 316	7 147,813	95 205,270	13,319	12,853
51	58	91 648	6 742,134	88 057,457	13,061	12,594
52	59	90 912	6 354,356	81 315,323	12,797	12,330
53	60	90 109	5 984,097	74 960,967	12,527	12,060
54	61	89 213	5 629,039	68 976,870	12,254	11,787
55	62	88 234	5 289,575	63 347,831	11,976	11,509
56	63	87 174	4 965,362	58 058,256	11,693	11,226
57	64	86 016	4 654,977	53 092,894	11,406	10,939
58	65	84 747	4 357,544	48 437,918	11,116	10,649
59	66	83 386	4 073,685	44 080,374	10,821	10,354
60	67	81 916	3 802,283	40 006,688	10,522	10,055
61	68	80 342	3 543,185	36 204,405	10,218	9,751
62	69	78 641	3 295,166	32 661,220	9,912	9,445
63	70	76 804	3 057,670	29 366,054	9,604	9,137
64	71	74 852	2 831,320	26 308,384	9,292	8,825
65	72	72 774	2 615,416	23 477,064	8,976	8,510
66	73	70 591	2 410,392	20 861,647	8,655	8,188
67	74	68 279	2 215,157	18 451,256	8,330	7,863
68	75	65 854	2 029,908	16 236,099	7,998	7,532
69	76	63 348	1 855,283	14 206,191	7,657	7,190
70	77	60 674	1 688,333	12 350,908	7,315	6,849
71	78	57 910	1 531,020	10 662,575	6,964	6,498
72	79	54 932	1 379,865	9 131,555	6,618	6,151
73	80	51 814	1 236,601	7 751,689	6,269	5,802
74	81	48 489	1 099,535	6 515,089	5,925	5,459
75	82	44 977	969,020	5 415,553	5,589	5,122
76	83	41 319	845,795	4 446,533	5,257	4,790
77	84	37 526	729,854	3 600,738	4,934	4,467
78	85	33 653	621,879	2 870,884	4,616	4,150
79	86	29 678	521,059	2 249,005	4,316	3,849
80	87	25 723	429,101	1 727,946	4,027	3,560
81	88	21 846	346,245	1 298,845	3,751	3,284
82	89	18 102	272,600	952,599	3,494	3,028
83	90	14 613	209,076	679,999	3,252	2,786
84	91	11 443	155,555	470,923	3,027	2,561
85	92	8 649	111,703	315,367	2,823	2,356
86	93	6 291	77,205	203,664	2,638	2,171
87	94	4 391	51,195	126,459	2,470	2,003
88	95	2 934	32,499	75,265	2,316	1,849
89	96	1 866	19,642	42,766	2,177	1,711
90	97	1 113	11,130	23,124	2,078	1,611
91	98	639	6,067	11,994	1,977	1,510
92	99	351	3,171	5,927	1,869	1,402
93	100	180	1,547	2,756	1,781	1,314

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 620	99 620,233	1 917 433,759	19,247	18,781
1	9	99 258	94 307,308	1 817 813,526	19,275	18,809
2	10	99 225	89 572,896	1 723 506,218	19,241	18,775
3	11	99 204	85 086,626	1 633 933,322	19,203	18,736
4	12	99 185	80 827,343	1 548 846,696	19,162	18,696
5	13	99 167	76 781,364	1 468 019,353	19,119	18,653
6	14	99 148	72 937,214	1 391 237,989	19,074	18,608
7	15	99 129	69 286,326	1 318 300,776	19,027	18,560
8	16	99 109	65 816,560	1 249 014,449	18,977	18,510
9	17	99 086	62 518,994	1 183 197,889	18,925	18,459
10	18	99 064	59 387,629	1 120 678,896	18,871	18,404
11	19	99 037	56 409,714	1 061 291,267	18,814	18,347
12	20	99 012	53 582,412	1 004 881,553	18,754	18,287
13	21	98 987	50 896,739	951 299,141	18,691	18,224
14	22	98 961	48 345,337	900 402,402	18,624	18,158
15	23	98 931	45 920,103	852 057,065	18,555	18,088
16	24	98 898	43 614,726	806 136,962	18,483	18,016
17	25	98 856	41 421,460	762 522,236	18,409	17,942
18	26	98 810	39 337,009	721 100,776	18,331	17,865
19	27	98 753	37 353,478	681 763,767	18,252	17,785
20	28	98 693	35 468,493	644 410,289	18,169	17,702
21	29	98 627	33 676,791	608 941,795	18,082	17,615
22	30	98 561	31 975,708	575 265,004	17,991	17,524
23	31	98 485	30 357,307	543 289,297	17,896	17,430
24	32	98 414	28 822,182	512 931,990	17,796	17,330
25	33	98 334	27 362,113	484 109,808	17,693	17,226
26	34	98 255	25 976,509	456 747,695	17,583	17,116
27	35	98 170	24 659,428	430 771,185	17,469	17,002
28	36	98 084	23 408,914	406 111,757	17,349	16,882
29	37	97 992	22 220,272	382 702,844	17,223	16,756
30	38	97 894	21 090,868	360 482,572	17,092	16,625
31	39	97 780	20 015,498	339 391,704	16,956	16,490
32	40	97 661	18 993,963	319 376,206	16,815	16,348
33	41	97 533	18 022,713	300 382,242	16,667	16,200
34	42	97 389	17 098,522	282 359,530	16,514	16,047
35	43	97 237	16 220,240	265 261,008	16,354	15,887
36	44	97 071	15 384,807	249 040,768	16,187	15,721
37	45	96 893	14 590,656	233 655,961	16,014	15,547
38	46	96 687	13 833,315	219 065,305	15,836	15,369
39	47	96 466	13 113,274	205 231,990	15,651	15,184
40	48	96 226	12 428,235	192 118,716	15,458	14,991
41	49	95 954	11 774,884	179 690,481	15,260	14,794
42	50	95 658	11 153,086	167 915,597	15,056	14,589
43	51	95 344	10 561,879	156 762,511	14,842	14,375
44	52	94 993	9 998,119	146 200,632	14,623	14,156
45	53	94 601	9 460,199	136 202,513	14,397	13,931
46	54	94 173	8 947,673	126 742,314	14,165	13,698
47	55	93 696	8 458,322	117 794,641	13,926	13,460
48	56	93 171	7 991,361	109 336,319	13,682	13,215
49	57	92 591	7 545,493	101 344,958	13,431	12,964
50	58	91 954	7 119,764	93 799,465	13,175	12,708
51	59	91 250	6 712,810	86 679,701	12,913	12,446
52	60	90 484	6 324,450	79 966,891	12,644	12,177
53	61	89 634	5 952,525	73 642,441	12,372	11,905
54	62	88 706	5 597,033	67 689,916	12,094	11,627
55	63	87 693	5 257,126	62 092,883	11,811	11,344
56	64	86 586	4 931,851	56 835,757	11,524	11,057
57	65	85 373	4 620,192	51 903,906	11,234	10,767
58	66	84 071	4 322,812	47 283,714	10,938	10,471
59	67	82 655	4 037,991	42 960,902	10,639	10,172
60	68	81 140	3 766,229	38 922,911	10,335	9,868
61	69	79 501	3 506,103	35 156,682	10,027	9,560
62	70	77 732	3 257,092	31 650,578	9,717	9,251
63	71	75 836	3 019,147	28 393,487	9,404	8,938
64	72	73 826	2 792,526	25 374,339	9,087	8,620
65	73	71 696	2 576,673	22 581,813	8,764	8,297
66	74	69 432	2 370,823	20 005,141	8,438	7,971
67	75	67 060	2 175,631	17 634,318	8,105	7,639
68	76	64 587	1 990,870	15 458,687	7,765	7,298
69	77	61 982	1 815,272	13 467,817	7,419	6,952
70	78	59 231	1 648,157	11 652,545	7,070	6,603
71	79	56 320	1 488,996	10 004,388	6,719	6,252
72	80	53 207	1 336,518	8 515,392	6,371	5,905
73	81	49 924	1 191,513	7 178,874	6,025	5,558
74	82	46 420	1 052,614	5 987,361	5,688	5,221
75	83	42 756	921,171	4 934,747	5,357	4,890
76	84	38 975	797,829	4 013,577	5,031	4,564
77	85	35 081	682,294	3 215,748	4,713	4,246
78	86	31 092	574,539	2 533,454	4,410	3,943
79	87	27 091	475,633	1 958,915	4,119	3,652
80	88	23 152	386,215	1 483,282	3,841	3,374
81	89	19 351	306,704	1 097,067	3,577	3,110
82	90	15 758	237,293	790,363	3,331	2,864
83	91	12 458	178,243	553,070	3,103	2,636
84	92	9 525	129,479	374,827	2,895	2,428
85	93	7 027	90,759	245,348	2,703	2,237
86	94	4 977	61,071	154,590	2,531	2,065
87	95	3 380	39,411	93,519	2,373	1,906
88	96	2 192	24,284	54,107	2,228	1,761
89	97	1 333	14,031	29,823	2,126	1,659
90	98	780	7,802	15,792	2,024	1,557
91	99	439	4,167	7,990	1,917	1,451
92	100	233	2,103	3,823	1,818	1,352

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 613	99 613,291	1 915 292,422	19,227	18,760
1	10	99 252	94 301,539	1 815 679,131	19,254	18,787
2	11	99 219	89 567,656	1 721 377,592	19,219	18,752
3	12	99 196	85 080,047	1 631 809,935	19,180	18,713
4	13	99 177	80 820,996	1 546 729,889	19,138	18,671
5	14	99 157	76 774,130	1 465 908,893	19,094	18,627
6	15	99 138	72 930,489	1 389 134,763	19,047	18,581
7	16	99 117	69 277,897	1 316 204,274	18,999	18,532
8	17	99 094	65 806,869	1 246 926,378	18,948	18,481
9	18	99 072	62 510,481	1 181 119,509	18,895	18,428
10	19	99 045	59 375,928	1 118 609,028	18,839	18,373
11	20	99 020	56 399,854	1 059 233,100	18,781	18,314
12	21	98 994	53 572,506	1 002 833,246	18,719	18,252
13	22	98 970	50 888,346	949 260,740	18,654	18,187
14	23	98 945	48 337,466	898 372,394	18,585	18,119
15	24	98 914	45 911,839	850 034,928	18,515	18,048
16	25	98 880	43 606,878	804 123,089	18,440	17,973
17	26	98 837	41 413,580	760 516,211	18,364	17,897
18	27	98 791	39 329,606	719 102,630	18,284	17,817
19	28	98 732	37 345,440	679 773,024	18,202	17,736
20	29	98 669	35 460,135	642 427,584	18,117	17,650
21	30	98 601	33 668,076	606 967,449	18,028	17,561
22	31	98 530	31 965,567	573 299,372	17,935	17,468
23	32	98 454	30 347,775	541 333,805	17,838	17,371
24	33	98 380	28 812,306	510 986,030	17,735	17,268
25	34	98 298	27 352,254	482 173,724	17,628	17,162
26	35	98 215	25 965,963	454 821,470	17,516	17,049
27	36	98 130	24 649,265	428 855,507	17,398	16,932
28	37	98 039	23 398,181	404 206,242	17,275	16,808
29	38	97 945	22 209,724	380 808,061	17,146	16,679
30	39	97 835	21 078,145	358 598,337	17,013	16,546
31	40	97 722	20 003,466	337 520,191	16,873	16,406
32	41	97 594	18 980,939	317 516,725	16,728	16,261
33	42	97 460	18 009,371	298 535,786	16,577	16,110
34	43	97 312	17 084,950	280 526,415	16,420	15,953
35	44	97 149	16 205,511	263 441,465	16,256	15,789
36	45	96 976	15 369,875	247 235,955	16,086	15,619
37	46	96 781	14 573,844	231 866,079	15,910	15,443
38	47	96 569	13 816,473	217 292,235	15,727	15,260
39	48	96 334	13 095,305	203 475,763	15,538	15,071
40	49	96 073	12 408,424	190 380,458	15,343	14,876
41	50	95 786	11 754,301	177 972,034	15,141	14,674
42	51	95 481	11 132,417	166 217,733	14,931	14,464
43	52	95 139	10 539,248	155 085,316	14,715	14,248
44	53	94 771	9 974,794	144 546,068	14,491	14,024
45	54	94 358	9 435,908	134 571,274	14,262	13,795
46	55	93 901	8 921,826	125 135,366	14,026	13,559
47	56	93 392	8 430,871	116 213,540	13,784	13,317
48	57	92 838	7 962,776	107 782,669	13,536	13,069
49	58	92 228	7 515,883	99 819,893	13,281	12,814
50	59	91 554	7 088,797	92 304,010	13,021	12,554
51	60	90 820	6 681,217	85 215,212	12,754	12,288
52	61	90 007	6 291,082	78 533,995	12,483	12,017
53	62	89 124	5 918,680	72 242,913	12,206	11,739
54	63	88 162	5 562,698	66 324,234	11,923	11,456
55	64	87 101	5 221,647	60 761,535	11,636	11,170
56	65	85 939	4 894,997	55 539,889	11,346	10,879
57	66	84 692	4 583,367	50 644,892	11,050	10,583
58	67	83 335	4 284,935	46 061,525	10,750	10,283
59	68	81 871	3 999,702	41 776,589	10,445	9,978
60	69	80 290	3 726,813	37 776,888	10,137	9,670
61	70	78 582	3 465,592	34 050,075	9,825	9,358
62	71	76 753	3 216,056	30 584,483	9,510	9,043
63	72	74 797	2 977,780	27 368,427	9,191	8,724
64	73	72 733	2 751,159	24 390,647	8,866	8,399
65	74	70 519	2 534,374	21 639,488	8,538	8,072
66	75	68 193	2 328,520	19 105,115	8,205	7,738
67	76	65 771	2 133,791	16 776,595	7,862	7,396
68	77	63 194	1 947,935	14 642,804	7,517	7,050
69	78	60 507	1 772,075	12 694,869	7,164	6,697
70	79	57 605	1 602,918	10 922,794	6,814	6,348
71	80	54 551	1 442,220	9 319,876	6,462	5,995
72	81	51 267	1 287,786	7 877,656	6,117	5,650
73	82	47 794	1 140,666	6 589,870	5,777	5,310
74	83	44 128	1 000,637	5 449,203	5,446	4,979
75	84	40 331	868,930	4 448,566	5,120	4,653
76	85	36 436	745,840	3 579,637	4,799	4,333
77	86	32 411	630,355	2 833,797	4,496	4,029
78	87	28 381	524,451	2 203,442	4,201	3,735
79	88	24 383	428,096	1 678,992	3,922	3,455
80	89	20 508	342,108	1 250,896	3,656	3,190
81	90	16 845	266,980	908,788	3,404	2,937
82	91	13 434	202,298	641,808	3,173	2,706
83	92	10 370	148,363	439,509	2,962	2,496
84	93	7 739	105,201	291,146	2,768	2,301
85	94	5 559	71,793	185,945	2,590	2,123
86	95	3 831	47,015	114,152	2,428	1,961
87	96	2 526	29,449	67,138	2,280	1,813
88	97	1 566	17,347	37,689	2,173	1,706
89	98	934	9,835	20,342	2,068	1,601
90	99	536	5,359	10,506	1,960	1,494
91	100	291	2,763	5,147	1,863	1,396

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	10	99 607	99 607,197	1 912 999,718	19,205	18,739
1	11	99 247	94 296,023	1 813 392,520	19,231	18,764
2	12	99 211	89 560,730	1 719 096,497	19,195	18,728
3	13	99 188	85 073,366	1 629 535,767	19,154	18,688
4	14	99 168	80 813,381	1 544 462,401	19,111	18,645
5	15	99 148	76 767,051	1 463 649,019	19,066	18,599
6	16	99 126	72 921,615	1 386 881,968	19,019	18,552
7	17	99 103	69 267,696	1 313 960,353	18,969	18,503
8	18	99 081	65 797,908	1 244 692,658	18,917	18,450
9	19	99 053	62 498,165	1 178 894,750	18,863	18,396
10	20	99 027	59 365,550	1 116 396,584	18,805	18,339
11	21	99 001	56 389,427	1 057 031,034	18,745	18,278
12	22	98 977	53 563,672	1 000 641,607	18,681	18,215
13	23	98 954	50 880,061	947 077,935	18,614	18,147
14	24	98 927	48 328,767	896 197,874	18,544	18,077
15	25	98 896	45 903,578	847 869,107	18,471	18,004
16	26	98 861	43 598,583	801 965,529	18,394	17,928
17	27	98 818	41 405,787	758 366,947	18,315	17,849
18	28	98 770	39 321,143	716 961,160	18,233	17,767
19	29	98 709	37 336,640	677 640,017	18,149	17,683
20	30	98 644	35 450,959	640 303,377	18,062	17,595
21	31	98 570	33 657,399	604 852,417	17,971	17,504
22	32	98 499	31 955,530	571 195,018	17,875	17,408
23	33	98 421	30 337,377	539 239,488	17,775	17,308
24	34	98 345	28 801,924	508 902,111	17,669	17,202
25	35	98 258	27 341,149	480 100,187	17,560	17,093
26	36	98 175	25 955,262	452 759,038	17,444	16,977
27	37	98 085	24 637,964	426 803,776	17,323	16,856
28	38	97 993	23 387,074	402 165,813	17,196	16,729
29	39	97 886	22 196,326	378 778,738	17,065	16,598
30	40	97 776	21 065,474	356 582,412	16,927	16,461
31	41	97 655	19 989,750	335 516,938	16,784	16,318
32	42	97 522	18 966,888	315 527,188	16,636	16,169
33	43	97 383	17 995,076	296 560,300	16,480	16,013
34	44	97 223	17 069,435	278 565,223	16,320	15,853
35	45	97 054	16 189,782	261 495,788	16,152	15,685
36	46	96 865	15 352,165	245 306,006	15,979	15,512
37	47	96 664	14 556,100	229 953,841	15,798	15,331
38	48	96 437	13 797,540	215 397,741	15,611	15,145
39	49	96 180	13 074,431	201 600,201	15,419	14,953
40	50	95 905	12 386,733	188 525,770	15,220	14,753
41	51	95 609	11 732,518	176 139,037	15,013	14,546
42	52	95 277	11 108,563	164 406,520	14,800	14,333
43	53	94 917	10 514,660	153 297,956	14,579	14,113
44	54	94 528	9 949,182	142 783,296	14,351	13,884
45	55	94 085	9 408,651	132 834,114	14,118	13,652
46	56	93 596	8 892,871	123 425,463	13,879	13,412
47	57	93 058	8 400,714	114 532,592	13,634	13,167
48	58	92 474	7 931,529	106 131,878	13,381	12,914
49	59	91 827	7 483,193	98 200,349	13,123	12,656
50	60	91 123	7 055,435	90 717,155	12,858	12,391
51	61	90 341	6 645,967	83 661,721	12,588	12,122
52	62	89 495	6 255,312	77 015,753	12,312	11,845
53	63	88 578	5 882,372	70 760,442	12,029	11,562
54	64	87 567	5 525,156	64 878,070	11,742	11,276
55	65	86 450	5 182,627	59 352,914	11,452	10,985
56	66	85 254	4 855,982	54 170,287	11,155	10,689
57	67	83 950	4 543,207	49 314,305	10,855	10,388
58	68	82 545	4 244,305	44 771,098	10,549	10,082
59	69	81 014	3 957,842	40 526,793	10,240	9,773
60	70	79 363	3 683,751	36 568,951	9,927	9,460
61	71	77 592	3 421,929	32 885,200	9,610	9,143
62	72	75 701	3 171,991	29 463,270	9,289	8,822
63	73	73 689	2 933,668	26 291,280	8,962	8,495
64	74	71 539	2 705,995	23 357,612	8,632	8,165
65	75	69 261	2 489,152	20 651,617	8,297	7,830
66	76	66 881	2 283,739	18 162,464	7,953	7,486
67	77	64 352	2 087,774	15 878,725	7,606	7,139
68	78	61 690	1 901,581	13 790,952	7,252	6,786
69	79	58 846	1 723,435	11 889,370	6,899	6,432
70	80	55 795	1 552,563	10 165,936	6,548	6,081
71	81	52 562	1 389,635	8 613,372	6,198	5,732
72	82	49 079	1 232,831	7 223,737	5,859	5,393
73	83	45 434	1 084,341	5 990,906	5,525	5,058
74	84	41 625	943,889	4 906,565	5,198	4,731
75	85	37 703	812,307	3 962,675	4,878	4,412
76	86	33 662	689,063	3 150,368	4,572	4,105
77	87	29 585	575,401	2 461,305	4,278	3,811
78	88	25 545	472,034	1 885,904	3,995	3,528
79	89	21 598	379,206	1 413,870	3,728	3,262
80	90	17 852	297,799	1 034,664	3,474	3,008
81	91	14 361	227,607	736,865	3,237	2,771
82	92	11 182	168,386	509,258	3,024	2,558
83	93	8 425	120,545	340,872	2,828	2,361
84	94	6 122	83,217	220,327	2,648	2,181
85	95	4 279	55,268	137,110	2,481	2,014
86	96	2 863	35,130	81,842	2,330	1,863
87	97	1 804	21,037	46,712	2,220	1,754
88	98	1 098	12,160	25,675	2,111	1,645
89	99	642	6,756	13,515	2,000	1,534
90	100	355	3,553	6,759	1,902	1,435

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 601	99 601,371	1 910 546,784	19,182	18,715
1	12	99 239	94 288,732	1 810 945,413	19,206	18,740
2	13	99 204	89 553,698	1 716 656,682	19,169	18,702
3	14	99 179	85 065,351	1 627 102,984	19,128	18,661
4	15	99 159	80 805,930	1 542 037,633	19,083	18,616
5	16	99 136	76 757,711	1 461 231,703	19,037	18,570
6	17	99 112	72 910,878	1 384 473,992	18,989	18,522
7	18	99 089	69 258,264	1 311 563,115	18,937	18,470
8	19	99 061	65 784,945	1 242 304,851	18,884	18,418
9	20	99 035	62 487,241	1 176 519,906	18,828	18,361
10	21	99 009	59 354,575	1 114 032,665	18,769	18,302
11	22	98 985	56 380,128	1 054 678,090	18,707	18,240
12	23	98 961	53 554,951	998 297,962	18,641	18,174
13	24	98 937	50 870,905	944 743,010	18,571	18,105
14	25	98 909	48 320,071	893 872,105	18,499	18,032
15	26	98 877	45 894,846	845 552,035	18,424	17,957
16	27	98 843	43 590,378	799 657,189	18,345	17,878
17	28	98 797	41 396,877	756 066,811	18,264	17,797
18	29	98 746	39 311,877	714 669,935	18,179	17,713
19	30	98 683	37 326,979	675 358,057	18,093	17,626
20	31	98 613	35 439,717	638 031,079	18,003	17,536
21	32	98 539	33 646,831	602 591,362	17,909	17,443
22	33	98 465	31 944,581	568 944,531	17,810	17,344
23	34	98 385	30 326,445	536 999,950	17,707	17,241
24	35	98 305	28 790,231	506 673,504	17,599	17,132
25	36	98 218	27 329,881	477 883,274	17,486	17,019
26	37	98 130	25 943,361	450 553,393	17,367	16,900
27	38	98 038	24 626,269	424 610,031	17,242	16,775
28	39	97 934	23 372,966	399 983,763	17,113	16,646
29	40	97 828	22 182,983	376 610,797	16,977	16,511
30	41	97 709	21 051,030	354 427,813	16,837	16,370
31	42	97 582	19 974,952	333 376,784	16,690	16,223
32	43	97 445	18 951,833	313 401,832	16,537	16,070
33	44	97 295	17 978,736	294 449,998	16,378	15,911
34	45	97 129	17 052,868	276 471,263	16,213	15,746
35	46	96 942	16 171,127	259 418,395	16,042	15,575
36	47	96 747	15 333,474	243 247,267	15,864	15,397
37	48	96 531	14 536,154	227 913,793	15,679	15,212
38	49	96 283	13 775,546	213 377,640	15,490	15,023
39	50	96 012	13 051,576	199 602,093	15,293	14,827
40	51	95 727	12 363,778	186 550,518	15,088	14,622
41	52	95 404	11 707,378	174 186,740	14,878	14,412
42	53	95 054	11 082,648	162 479,362	14,661	14,194
43	54	94 674	10 487,662	151 396,714	14,436	13,969
44	55	94 255	9 920,442	140 909,052	14,204	13,737
45	56	93 780	9 378,115	130 988,610	13,967	13,501
46	57	93 262	8 861,061	121 610,495	13,724	13,257
47	58	92 693	8 367,749	112 749,434	13,474	13,007
48	59	92 071	7 897,032	104 381,685	13,218	12,751
49	60	91 395	7 447,975	96 484,653	12,954	12,488
50	61	90 642	7 018,211	89 036,678	12,687	12,220
51	62	89 827	6 608,179	82 018,468	12,412	11,945
52	63	88 946	6 216,939	75 410,289	12,130	11,663
53	64	87 980	5 842,672	69 193,350	11,843	11,376
54	65	86 912	5 483,869	63 350,677	11,552	11,085
55	66	85 761	5 141,319	57 866,809	11,255	10,788
56	67	84 507	4 813,433	52 725,490	10,954	10,487
57	68	83 154	4 500,127	47 912,057	10,647	10,180
58	69	81 681	4 199,885	43 411,929	10,336	9,870
59	70	80 078	3 912,111	39 212,044	10,023	9,556
60	71	78 363	3 637,340	35 299,933	9,705	9,238
61	72	76 529	3 375,043	31 662,593	9,381	8,915
62	73	74 580	3 125,002	28 287,550	9,052	8,585
63	74	72 479	2 885,508	25 162,548	8,720	8,254
64	75	70 262	2 657,712	22 277,039	8,382	7,915
65	76	67 929	2 441,282	19 619,328	8,036	7,570
66	77	65 439	2 234,488	17 178,045	7,688	7,221
67	78	62 821	2 038,092	14 943,557	7,332	6,865
68	79	59 997	1 849,387	12 905,465	6,978	6,511
69	80	56 998	1 669,294	11 056,079	6,623	6,156
70	81	53 761	1 495,955	9 386,785	6,275	5,808
71	82	50 319	1 330,334	7 890,830	5,931	5,465
72	83	46 655	1 171,956	6 560,496	5,598	5,131
73	84	42 857	1 022,847	5 388,541	5,268	4,801
74	85	38 913	882,383	4 365,694	4,948	4,481
75	86	34 833	750,471	3 483,312	4,642	4,175
76	87	30 727	628,990	2 732,841	4,345	3,878
77	88	26 628	517,892	2 103,850	4,062	3,596
78	89	22 627	418,127	1 585,958	3,793	3,326
79	90	18 801	330,092	1 167,832	3,538	3,071
80	91	15 219	253,881	837,739	3,300	2,833
81	92	11 953	189,452	583,858	3,082	2,615
82	93	9 085	136,813	394,406	2,883	2,416
83	94	6 665	95,354	257,593	2,701	2,235
84	95	4 713	64,063	162,239	2,532	2,066
85	96	3 197	41,298	98,176	2,377	1,910
86	97	2 045	25,095	56,878	2,266	1,800
87	98	1 265	14,747	31,783	2,155	1,688
88	99	754	8,353	17,036	2,040	1,573
89	100	426	4,479	8,684	1,939	1,472

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 594	99 593,669	1 907 925,037	19,157	18,690
1	13	99 231	94 281,328	1 808 331,368	19,180	18,713
2	14	99 194	89 545,261	1 714 050,041	19,142	18,675
3	15	99 170	85 057,507	1 624 504,780	19,099	18,632
4	16	99 147	80 796,098	1 539 447,273	19,053	18,587
5	17	99 122	76 746,409	1 458 651,175	19,006	18,539
6	18	99 098	72 900,950	1 381 904,766	18,956	18,489
7	19	99 070	69 244,619	1 309 003,816	18,904	18,437
8	20	99 044	65 773,446	1 239 759,197	18,849	18,382
9	21	99 017	62 475,689	1 173 985,751	18,791	18,324
10	22	98 993	59 344,787	1 111 510,062	18,730	18,263
11	23	98 969	56 370,949	1 052 165,275	18,665	18,198
12	24	98 943	53 545,313	995 794,326	18,597	18,130
13	25	98 919	50 861,751	942 249,012	18,526	18,059
14	26	98 890	48 310,879	891 387,261	18,451	17,984
15	27	98 858	45 886,208	843 076,382	18,373	17,906
16	28	98 821	43 580,998	797 190,174	18,292	17,825
17	29	98 774	41 387,122	753 609,176	18,209	17,742
18	30	98 721	39 301,704	712 222,054	18,122	17,655
19	31	98 652	37 315,141	672 920,349	18,033	17,567
20	32	98 582	35 428,589	635 605,208	17,940	17,474
21	33	98 505	33 635,303	600 176,619	17,844	17,377
22	34	98 430	31 933,070	566 541,317	17,742	17,275
23	35	98 345	30 314,133	534 608,246	17,636	17,169
24	36	98 264	28 778,366	504 294,113	17,523	17,057
25	37	98 173	27 317,350	475 515,748	17,407	16,940
26	38	98 083	25 931,047	448 198,398	17,284	16,817
27	39	97 979	24 611,413	422 267,351	17,157	16,691
28	40	97 875	23 358,915	397 655,938	17,024	16,557
29	41	97 760	22 167,772	374 297,022	16,885	16,418
30	42	97 637	21 035,446	352 129,250	16,740	16,273
31	43	97 505	19 959,097	331 093,804	16,589	16,122
32	44	97 356	18 934,624	311 134,707	16,432	15,965
33	45	97 200	17 961,286	292 200,083	16,268	15,802
34	46	97 017	17 033,219	274 238,797	16,100	15,633
35	47	96 824	16 151,439	257 205,578	15,925	15,458
36	48	96 614	15 312,462	241 054,139	15,742	15,276
37	49	96 377	14 512,982	225 741,677	15,554	15,088
38	50	96 115	13 751,465	211 228,694	15,360	14,894
39	51	95 834	13 027,388	197 477,229	15,159	14,692
40	52	95 522	12 337,286	184 449,841	14,951	14,484
41	53	95 181	11 680,065	172 112,554	14,736	14,269
42	54	94 810	11 054,191	160 432,489	14,513	14,046
43	55	94 400	10 457,367	149 378,298	14,285	13,818
44	56	93 949	9 888,245	138 920,932	14,049	13,582
45	57	93 445	9 344,570	129 032,686	13,808	13,342
46	58	92 896	8 826,289	119 688,116	13,560	13,094
47	59	92 290	8 331,354	110 861,827	13,307	12,840
48	60	91 638	7 859,866	102 530,473	13,045	12,578
49	61	90 913	7 408,680	94 670,607	12,778	12,312
50	62	90 127	6 978,306	87 261,928	12,505	12,038
51	63	89 276	6 567,642	80 283,622	12,224	11,757
52	64	88 346	6 174,981	73 715,980	11,938	11,471
53	65	87 322	5 799,012	67 540,999	11,647	11,180
54	66	86 219	5 440,160	61 741,987	11,349	10,883
55	67	85 010	5 096,270	56 301,827	11,048	10,581
56	68	83 706	4 767,791	51 205,557	10,740	10,273
57	69	82 284	4 453,030	46 437,766	10,428	9,962
58	70	80 737	4 151,357	41 984,735	10,113	9,647
59	71	79 070	3 862,823	37 833,378	9,794	9,327
60	72	77 289	3 587,502	33 970,555	9,469	9,002
61	73	75 396	3 325,046	30 383,053	9,138	8,671
62	74	73 355	3 073,701	27 058,006	8,803	8,336
63	75	71 186	2 834,022	23 984,305	8,463	7,996
64	76	68 911	2 606,600	21 150,283	8,114	7,647
65	77	66 464	2 388,634	18 543,683	7,763	7,297
66	78	63 882	2 181,315	16 155,049	7,406	6,939
67	79	61 097	1 982,151	13 973,734	7,050	6,583
68	80	58 112	1 791,289	11 991,583	6,694	6,228
69	81	54 920	1 608,429	10 200,294	6,342	5,875
70	82	51 467	1 432,116	8 591,865	5,999	5,533
71	83	47 834	1 264,643	7 159,749	5,661	5,195
72	84	44 010	1 105,492	5 895,105	5,333	4,866
73	85	40 065	956,195	4 789,613	5,009	4,542
74	86	35 951	815,212	3 833,419	4,702	4,236
75	87	31 796	685,045	3 018,207	4,406	3,939
76	88	27 656	566,126	2 333,162	4,121	3,654
77	89	23 587	458,748	1 767,036	3,852	3,385
78	90	19 697	363,972	1 308,289	3,594	3,128
79	91	16 028	281,412	944,317	3,356	2,889
80	92	12 668	211,322	662,905	3,137	2,670
81	93	9 712	153,929	451,584	2,934	2,467
82	94	7 187	108,223	297,654	2,750	2,284
83	95	5 131	73,407	189,431	2,581	2,114
84	96	3 521	47,870	116,025	2,424	1,957
85	97	2 284	29,501	68,155	2,310	1,843
86	98	1 434	17,591	38,654	2,197	1,731
87	99	869	10,129	21,063	2,079	1,613
88	100	500	5,538	10,934	1,974	1,507

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 586	99 585,848	1 905 127,820	19,131	18,664
1	14	99 222	94 272,445	1 805 541,971	19,152	18,686
2	15	99 185	89 537,004	1 711 269,526	19,112	18,646
3	16	99 158	85 047,158	1 621 732,522	19,069	18,602
4	17	99 132	80 784,201	1 536 685,364	19,022	18,555
5	18	99 108	76 735,959	1 455 901,163	18,973	18,506
6	19	99 079	72 886,587	1 379 165,204	18,922	18,455
7	20	99 052	69 232,516	1 306 278,617	18,868	18,401
8	21	99 026	65 761,286	1 237 046,101	18,811	18,344
9	22	99 001	62 465,387	1 171 284,815	18,751	18,284
10	23	98 977	59 335,125	1 108 819,428	18,687	18,221
11	24	98 951	56 360,804	1 049 484,303	18,621	18,154
12	25	98 926	53 535,679	993 123,499	18,551	18,084
13	26	98 900	50 852,076	939 587,820	18,477	18,010
14	27	98 872	48 301,787	888 735,744	18,400	17,933
15	28	98 837	45 876,334	840 433,957	18,320	17,853
16	29	98 798	43 570,728	794 557,622	18,236	17,769
17	30	98 748	41 376,412	750 986,894	18,150	17,683
18	31	98 690	39 289,241	709 610,482	18,061	17,594
19	32	98 621	37 303,424	670 321,241	17,969	17,503
20	33	98 548	35 416,450	633 017,817	17,874	17,407
21	34	98 470	33 623,183	597 601,367	17,773	17,307
22	35	98 390	31 920,106	563 978,184	17,668	17,202
23	36	98 305	30 301,639	532 058,078	17,559	17,092
24	37	98 219	28 765,171	501 756,439	17,443	16,976
25	38	98 126	27 304,384	472 991,268	17,323	16,856
26	39	98 024	25 915,404	445 686,884	17,198	16,731
27	40	97 920	24 596,618	419 771,481	17,066	16,599
28	41	97 808	23 342,898	395 174,863	16,929	16,462
29	42	97 688	22 151,362	371 831,964	16,786	16,319
30	43	97 560	21 018,749	349 680,602	16,637	16,170
31	44	97 416	19 940,973	328 661,853	16,482	16,015
32	45	97 262	18 916,246	308 720,880	16,320	15,854
33	46	97 088	17 940,590	289 804,634	16,154	15,687
34	47	96 899	17 012,481	271 864,044	15,980	15,513
35	48	96 692	16 129,307	254 851,562	15,801	15,334
36	49	96 460	15 288,054	238 722,256	15,615	15,148
37	50	96 209	14 487,613	223 434,202	15,422	14,956
38	51	95 936	13 725,981	208 946,590	15,223	14,756
39	52	95 629	12 999,475	195 220,608	15,018	14,551
40	53	95 299	12 308,504	182 221,134	14,804	14,338
41	54	94 937	11 650,075	169 912,630	14,585	14,118
42	55	94 536	11 022,259	158 262,556	14,358	13,892
43	56	94 094	10 423,428	147 240,297	14,126	13,659
44	57	93 613	9 852,876	136 816,869	13,886	13,419
45	58	93 078	9 307,901	126 963,993	13,640	13,174
46	59	92 492	8 787,900	117 656,092	13,388	12,922
47	60	91 856	8 292,144	108 868,192	13,129	12,662
48	61	91 155	7 818,397	100 576,049	12,864	12,397
49	62	90 396	7 366,555	92 757,652	12,592	12,125
50	63	89 574	6 935,498	85 391,097	12,312	11,845
51	64	88 674	6 523,317	78 455,599	12,027	11,560
52	65	87 685	6 128,838	71 932,282	11,737	11,270
53	66	86 626	5 752,791	65 803,444	11,439	10,972
54	67	85 464	5 392,492	60 050,653	11,136	10,669
55	68	84 204	5 047,946	54 658,160	10,828	10,361
56	69	82 830	4 717,893	49 610,214	10,515	10,049
57	70	81 333	4 401,577	44 892,321	10,199	9,732
58	71	79 720	4 099,055	40 490,744	9,878	9,411
59	72	77 986	3 809,896	36 391,688	9,552	9,085
60	73	76 144	3 534,358	32 581,793	9,219	8,752
61	74	74 158	3 270,462	29 047,434	8,882	8,415
62	75	72 047	3 018,857	25 776,972	8,539	8,072
63	76	69 817	2 779,520	22 758,116	8,188	7,721
64	77	67 425	2 550,386	19 978,596	7,834	7,367
65	78	64 882	2 331,793	17 428,209	7,474	7,007
66	79	62 128	2 121,442	15 096,417	7,116	6,649
67	80	59 177	1 919,882	12 974,974	6,758	6,291
68	81	55 994	1 725,976	11 055,092	6,405	5,938
69	82	52 576	1 539,791	9 329,116	6,059	5,592
70	83	48 925	1 361,400	7 789,325	5,722	5,255
71	84	45 121	1 192,923	6 427,925	5,388	4,922
72	85	41 142	1 033,455	5 235,001	5,066	4,599
73	86	37 015	883,405	4 201,547	4,756	4,289
74	87	32 816	744,141	3 318,142	4,459	3,992
75	88	28 618	616,578	2 574,000	4,175	3,708
76	89	24 498	501,473	1 957,423	3,903	3,437
77	90	20 532	399,332	1 455,950	3,646	3,179
78	91	16 792	310,295	1 056,618	3,405	2,938
79	92	13 341	234,237	746,323	3,186	2,719
80	93	10 293	171,698	512,086	2,982	2,516
81	94	7 683	121,762	340,388	2,796	2,329
82	95	5 533	83,314	218,626	2,624	2,157
83	96	3 834	54,851	135,312	2,467	2,000
84	97	2 516	34,196	80,461	2,353	1,886
85	98	1 601	20,680	46,265	2,237	1,770
86	99	985	12,083	25,585	2,117	1,651
87	100	576	6,716	13,502	2,010	1,544

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	14	99 576	99 576,466	1 902 146,367	19,102	18,636
1	15	99 213	94 263,753	1 802 569,901	19,123	18,656
2	16	99 173	89 526,110	1 708 306,149	19,082	18,615
3	17	99 143	85 034,636	1 618 780,039	19,037	18,570
4	18	99 119	80 773,202	1 533 745,403	18,988	18,522
5	19	99 089	76 720,840	1 452 972,202	18,938	18,472
6	20	99 061	72 873,847	1 376 251,361	18,885	18,419
7	21	99 034	69 219,716	1 303 377,514	18,830	18,363
8	22	99 009	65 750,442	1 234 157,798	18,770	18,304
9	23	98 985	62 455,217	1 168 407,356	18,708	18,241
10	24	98 959	59 324,447	1 105 952,139	18,642	18,176
11	25	98 933	56 350,663	1 046 627,692	18,573	18,107
12	26	98 907	53 525,495	990 277,029	18,501	18,034
13	27	98 881	50 842,506	936 751,534	18,425	17,958
14	28	98 851	48 291,393	885 909,028	18,345	17,878
15	29	98 814	45 865,524	837 617,635	18,262	17,796
16	30	98 773	43 559,454	791 752,111	18,176	17,710
17	31	98 717	41 363,291	748 192,657	18,088	17,622
18	32	98 659	39 276,904	706 829,366	17,996	17,529
19	33	98 587	37 290,643	667 552,462	17,901	17,435
20	34	98 512	35 403,688	630 261,820	17,802	17,335
21	35	98 430	33 609,532	594 858,131	17,699	17,232
22	36	98 349	31 906,951	561 248,599	17,590	17,123
23	37	98 260	30 287,746	529 341,649	17,477	17,010
24	38	98 173	28 751,517	499 053,903	17,357	16,891
25	39	98 067	27 287,912	470 302,386	17,235	16,768
26	40	97 965	25 899,825	443 014,473	17,105	16,638
27	41	97 853	24 579,752	417 114,649	16,970	16,503
28	42	97 735	23 325,619	392 534,896	16,828	16,362
29	43	97 611	22 133,780	369 209,278	16,681	16,214
30	44	97 471	20 999,663	347 075,498	16,528	16,061
31	45	97 322	19 921,618	326 075,835	16,368	15,901
32	46	97 150	18 894,450	306 154,217	16,203	15,737
33	47	96 970	17 918,747	287 259,767	16,031	15,564
34	48	96 766	16 989,169	269 341,020	15,854	15,387
35	49	96 538	16 103,596	252 351,851	15,671	15,204
36	50	96 292	15 261,329	236 248,255	15,480	15,013
37	51	96 030	14 460,764	220 986,926	15,282	14,815
38	52	95 731	13 696,571	206 526,162	15,079	14,612
39	53	95 406	12 969,147	192 829,591	14,868	14,402
40	54	95 055	12 276,899	179 860,444	14,650	14,184
41	55	94 663	11 616,421	167 583,545	14,426	13,960
42	56	94 230	10 986,487	155 967,123	14,196	13,729
43	57	93 757	10 386,144	144 980,637	13,959	13,492
44	58	93 246	9 814,212	134 594,493	13,714	13,247
45	59	92 673	9 267,417	124 780,282	13,464	12,998
46	60	92 056	8 746,541	115 512,865	13,207	12,740
47	61	91 371	8 248,394	106 766,323	12,944	12,477
48	62	90 636	7 773,943	98 517,929	12,673	12,206
49	63	89 841	7 321,365	90 743,986	12,394	11,928
50	64	88 970	6 888,691	83 422,621	12,110	11,643
51	65	88 011	6 474,571	76 533,930	11,821	11,354
52	66	86 987	6 079,988	70 059,360	11,523	11,056
53	67	85 867	5 702,385	63 979,371	11,220	10,753
54	68	84 654	5 341,360	58 276,987	10,911	10,444
55	69	83 322	4 995,116	52 935,627	10,597	10,131
56	70	81 873	4 663,380	47 940,511	10,280	9,813
57	71	80 309	4 346,123	43 277,131	9,958	9,491
58	72	78 627	4 042,891	38 931,008	9,629	9,163
59	73	76 831	3 753,457	34 888,118	9,295	8,828
60	74	74 894	3 476,338	31 134,660	8,956	8,489
61	75	72 835	3 212,106	27 658,322	8,611	8,144
62	76	70 661	2 960,800	24 446,216	8,257	7,790
63	77	68 312	2 719,577	21 485,416	7,900	7,433
64	78	65 820	2 489,696	18 765,839	7,537	7,071
65	79	63 101	2 267,790	16 276,143	7,177	6,710
66	80	60 177	2 054,798	14 008,353	6,817	6,351
67	81	57 020	1 849,881	11 953,555	6,462	5,995
68	82	53 604	1 652,322	10 103,674	6,115	5,648
69	83	49 980	1 463,758	8 451,352	5,774	5,307
70	84	46 151	1 284,193	6 987,594	5,441	4,974
71	85	42 181	1 115,189	5 703,401	5,114	4,647
72	86	38 010	954,783	4 588,213	4,806	4,339
73	87	33 788	806,390	3 633,429	4,506	4,039
74	88	29 537	669,768	2 827,040	4,221	3,754
75	89	25 350	546,163	2 157,272	3,950	3,483
76	90	21 325	436,523	1 611,109	3,691	3,224
77	91	17 504	340,440	1 174,585	3,450	2,983
78	92	13 977	258,279	834,146	3,230	2,763
79	93	10 840	190,317	575,867	3,026	2,559
80	94	8 142	135,818	385,550	2,839	2,372
81	95	5 914	93,737	249,732	2,664	2,197
82	96	4 134	62,254	155,995	2,506	2,039
83	97	2 739	39,183	93,741	2,392	1,926
84	98	1 763	23,970	54,558	2,276	1,809
85	99	1 100	14,204	30,588	2,153	1,687
86	100	653	8,012	16,383	2,045	1,578

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 567	99 567,285	1 898 973,055	19,072	18,605
1	16	99 201	94 252,284	1 799 405,770	19,091	18,625
2	17	99 159	89 512,928	1 705 153,487	19,049	18,582
3	18	99 130	85 023,057	1 615 640,559	19,002	18,536
4	19	99 099	80 757,288	1 530 617,502	18,953	18,487
5	20	99 071	76 707,430	1 449 860,214	18,901	18,434
6	21	99 043	72 860,375	1 373 152,784	18,846	18,380
7	22	99 018	69 208,302	1 300 292,409	18,788	18,321
8	23	98 993	65 739,737	1 231 084,107	18,727	18,260
9	24	98 967	62 443,977	1 165 344,370	18,662	18,195
10	25	98 941	59 313,773	1 102 900,393	18,594	18,128
11	26	98 914	56 339,944	1 043 586,620	18,523	18,056
12	27	98 888	53 515,422	987 246,677	18,448	17,981
13	28	98 860	50 831,565	933 731,255	18,369	17,902
14	29	98 827	48 280,014	882 899,690	18,287	17,820
15	30	98 788	45 853,655	834 619,676	18,202	17,735
16	31	98 741	43 545,640	788 766,021	18,114	17,647
17	32	98 686	41 350,303	745 220,381	18,022	17,555
18	33	98 625	39 263,446	703 870,078	17,927	17,460
19	34	98 552	37 277,206	664 606,632	17,829	17,362
20	35	98 472	35 389,315	627 329,426	17,727	17,260
21	36	98 389	33 595,680	591 940,111	17,620	17,153
22	37	98 304	31 892,321	558 344,431	17,507	17,040
23	38	98 213	30 273,370	526 452,110	17,390	16,923
24	39	98 114	28 734,173	496 178,740	17,268	16,801
25	40	98 008	27 271,508	467 444,568	17,140	16,674
26	41	97 898	25 882,065	440 173,059	17,007	16,540
27	42	97 781	24 561,557	414 290,994	16,867	16,401
28	43	97 658	23 307,104	389 729,437	16,721	16,255
29	44	97 522	22 113,681	366 422,333	16,570	16,103
30	45	97 376	20 979,281	344 308,653	16,412	15,945
31	46	97 210	19 898,664	323 329,372	16,249	15,782
32	47	97 031	18 871,446	303 430,708	16,079	15,612
33	48	96 837	17 894,193	284 559,262	15,902	15,436
34	49	96 612	16 962,087	266 665,069	15,721	15,254
35	50	96 369	16 075,445	249 702,981	15,533	15,066
36	51	96 113	15 233,047	233 627,536	15,337	14,870
37	52	95 825	14 429,779	218 394,489	15,135	14,668
38	53	95 507	13 664,617	203 964,710	14,926	14,460
39	54	95 161	12 935,847	190 300,093	14,711	14,244
40	55	94 780	12 241,435	177 364,246	14,489	14,022
41	56	94 355	11 578,721	165 122,811	14,261	13,794
42	57	93 893	10 947,188	153 544,090	14,026	13,559
43	58	93 389	10 345,387	142 596,902	13,784	13,317
44	59	92 840	9 771,526	132 251,515	13,534	13,068
45	60	92 237	9 223,801	122 479,989	13,279	12,812
46	61	91 571	8 700,395	113 256,188	13,017	12,551
47	62	90 851	8 201,495	104 555,794	12,748	12,282
48	63	90 080	7 726,254	96 354,298	12,471	12,004
49	64	89 235	7 271,954	88 628,045	12,188	11,721
50	65	88 305	6 837,214	81 356,091	11,899	11,432
51	66	87 310	6 422,965	74 518,877	11,602	11,135
52	67	86 224	6 026,715	68 095,911	11,299	10,832
53	68	85 053	5 648,313	62 069,196	10,989	10,522
54	69	83 768	5 285,459	56 420,883	10,675	10,208
55	70	82 360	4 937,400	51 135,424	10,357	9,890
56	71	80 841	4 604,627	46 198,025	10,033	9,566
57	72	79 208	4 286,573	41 593,398	9,703	9,236
58	73	77 463	3 983,001	37 306,825	9,367	8,900
59	74	75 570	3 691,840	33 323,824	9,026	8,560
60	75	73 558	3 414,309	29 631,984	8,679	8,212
61	76	71 434	3 150,333	26 217,675	8,322	7,855
62	77	69 137	2 896,948	23 067,341	7,963	7,496
63	78	66 686	2 654,860	20 170,394	7,598	7,131
64	79	64 014	2 421,359	17 515,533	7,234	6,767
65	80	61 119	2 196,548	15 094,174	6,872	6,405
66	81	57 983	1 979,877	12 897,626	6,514	6,048
67	82	54 586	1 770,939	10 917,749	6,165	5,698
68	83	50 957	1 570,732	9 146,810	5,823	5,356
69	84	47 145	1 380,746	7 576,078	5,487	5,020
70	85	43 143	1 200,511	6 195,332	5,161	4,694
71	86	38 970	1 030,295	4 994,821	4,848	4,381
72	87	34 696	871,545	3 964,525	4,549	4,082
73	88	30 411	725,795	3 092,980	4,262	3,795
74	89	26 163	593,279	2 367,185	3,990	3,523
75	90	22 067	475,425	1 773,906	3,731	3,264
76	91	18 180	372,146	1 298,481	3,489	3,022
77	92	14 570	283,370	926,335	3,269	2,802
78	93	11 356	209,851	642,964	3,064	2,597
79	94	8 575	150,546	433,113	2,877	2,410
80	95	6 268	104,557	282,567	2,703	2,236
81	96	4 419	70,042	178,010	2,541	2,075
82	97	2 953	44,471	107,968	2,428	1,961
83	98	1 920	27,466	63,497	2,312	1,845
84	99	1 211	16,465	36,031	2,188	1,722
85	100	729	9,418	19,566	2,077	1,611

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 555	99 555,170	1 895 598,056	19,041	18,574
1	17	99 186	94 238,405	1 796 042,885	19,059	18,592
2	18	99 145	89 500,739	1 701 804,480	19,014	18,548
3	19	99 110	85 006,306	1 612 303,740	18,967	18,500
4	20	99 082	80 743,172	1 527 297,434	18,915	18,449
5	21	99 053	76 693,249	1 446 554,262	18,862	18,395
6	22	99 027	72 848,360	1 369 861,013	18,804	18,337
7	23	99 002	69 197,034	1 297 012,653	18,744	18,277
8	24	98 975	65 727,907	1 227 815,619	18,680	18,213
9	25	98 949	62 432,741	1 162 087,712	18,613	18,147
10	26	98 922	59 302,490	1 099 654,971	18,543	18,076
11	27	98 896	56 329,341	1 040 352,482	18,469	18,002
12	28	98 867	53 503,906	984 023,141	18,392	17,925
13	29	98 837	50 819,587	930 519,235	18,310	17,843
14	30	98 802	48 267,520	879 699,648	18,225	17,759
15	31	98 757	45 839,114	831 432,127	18,138	17,671
16	32	98 710	43 531,966	785 593,014	18,046	17,580
17	33	98 652	41 336,135	742 061,047	17,952	17,485
18	34	98 589	39 249,299	700 724,913	17,853	17,386
19	35	98 512	37 262,072	661 475,614	17,752	17,285
20	36	98 432	35 374,730	624 213,542	17,646	17,179
21	37	98 344	33 580,277	588 838,813	17,535	17,068
22	38	98 258	31 877,183	555 258,536	17,419	16,952
23	39	98 154	30 255,107	523 381,353	17,299	16,832
24	40	98 055	28 716,899	493 126,246	17,172	16,705
25	41	97 941	27 252,808	464 409,347	17,041	16,574
26	42	97 825	25 862,906	437 156,538	16,903	16,436
27	43	97 703	24 542,061	411 293,632	16,759	16,292
28	44	97 569	23 285,939	386 751,571	16,609	16,142
29	45	97 427	22 092,218	363 465,632	16,452	15,985
30	46	97 264	20 955,108	341 373,415	16,291	15,824
31	47	97 091	19 874,437	320 418,307	16,122	15,655
32	48	96 898	18 845,586	300 543,870	15,948	15,481
33	49	96 683	17 865,669	281 698,283	15,768	15,301
34	50	96 443	16 932,436	263 832,614	15,581	15,115
35	51	96 190	16 045,654	246 900,178	15,387	14,921
36	52	95 907	15 200,407	230 854,523	15,187	14,721
37	53	95 601	14 396,115	215 654,117	14,980	14,513
38	54	95 262	13 629,531	201 258,002	14,766	14,300
39	55	94 886	12 898,479	187 628,471	14,547	14,080
40	56	94 472	12 201,706	174 729,992	14,320	13,853
41	57	94 018	11 537,304	162 528,286	14,087	13,620
42	58	93 524	10 904,230	150 990,982	13,847	13,380
43	59	92 983	10 300,391	140 086,751	13,600	13,133
44	60	92 403	9 725,537	129 786,361	13,345	12,878
45	61	91 750	9 175,137	120 060,823	13,085	12,619
46	62	91 050	8 650,925	110 885,687	12,818	12,351
47	63	90 294	8 151,184	102 234,761	12,542	12,076
48	64	89 472	7 674,110	94 083,578	12,260	11,793
49	65	88 568	7 217,613	86 409,468	11,972	11,505
50	66	87 601	6 782,718	79 191,855	11,676	11,209
51	67	86 545	6 366,687	72 409,136	11,373	10,906
52	68	85 407	5 969,568	66 042,450	11,063	10,596
53	69	84 163	5 589,200	60 072,881	10,748	10,281
54	70	82 800	5 224,387	54 483,681	10,429	9,962
55	71	81 322	4 875,194	49 259,294	10,104	9,637
56	72	79 733	4 541,535	44 384,100	9,773	9,306
57	73	78 035	4 223,074	39 842,565	9,434	8,968
58	74	76 191	3 917,615	35 619,491	9,092	8,625
59	75	74 221	3 625,966	31 701,875	8,743	8,276
60	76	72 143	3 348,647	28 075,910	8,384	7,917
61	77	69 893	3 082,393	24 727,262	8,022	7,555
62	78	67 492	2 828,011	21 644,869	7,654	7,187
63	79	64 856	2 581,990	18 816,859	7,288	6,821
64	80	62 003	2 345,293	16 234,869	6,922	6,456
65	81	58 891	2 116,459	13 889,576	6,563	6,096
66	82	55 508	1 895,388	11 773,117	6,211	5,745
67	83	51 891	1 683,492	9 877,729	5,867	5,401
68	84	48 067	1 481,654	8 194,237	5,530	5,064
69	85	44 073	1 290,772	6 712,583	5,200	4,734
70	86	39 859	1 109,122	5 421,811	4,888	4,422
71	87	35 573	940,474	4 312,688	4,586	4,119
72	88	31 228	784,438	3 372,214	4,299	3,832
73	89	26 938	642,907	2 587,776	4,025	3,558
74	90	22 775	516,439	1 944,868	3,766	3,299
75	91	18 813	405,311	1 428,430	3,524	3,057
76	92	15 132	309,762	1 023,118	3,303	2,836
77	93	11 838	230,238	713,356	3,098	2,632
78	94	8 983	165,997	483,118	2,910	2,444
79	95	6 601	115,896	317,121	2,736	2,269
80	96	4 684	78,128	201,225	2,576	2,109
81	97	3 157	50,034	123,098	2,460	1,993
82	98	2 070	31,173	73,063	2,344	1,877
83	99	1 319	18,866	41,890	2,220	1,754
84	100	803	10,917	23,024	2,109	1,642

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 541	99 540,511	1 892 014,377	19,007	18,541
1	18	99 172	94 225,574	1 792 473,866	19,023	18,556
2	19	99 125	89 483,106	1 698 248,292	18,978	18,512
3	20	99 093	84 991,448	1 608 765,186	18,929	18,462
4	21	99 064	80 728,245	1 523 773,738	18,875	18,409
5	22	99 037	76 680,602	1 443 045,494	18,819	18,352
6	23	99 011	72 836,500	1 366 364,892	18,759	18,293
7	24	98 984	69 184,581	1 293 528,392	18,697	18,230
8	25	98 957	65 716,080	1 224 343,811	18,631	18,164
9	26	98 930	62 420,865	1 158 627,731	18,562	18,095
10	27	98 904	59 291,329	1 096 206,866	18,488	18,022
11	28	98 875	56 317,220	1 036 915,537	18,412	17,945
12	29	98 844	53 491,298	980 598,317	18,332	17,865
13	30	98 811	50 806,437	927 107,019	18,248	17,781
14	31	98 770	48 252,213	876 300,583	18,161	17,694
15	32	98 726	45 824,720	828 048,369	18,070	17,603
16	33	98 676	43 517,051	782 223,649	17,975	17,508
17	34	98 616	41 321,240	738 706,598	17,877	17,410
18	35	98 549	39 233,364	697 385,358	17,775	17,309
19	36	98 471	37 246,715	658 151,994	17,670	17,203
20	37	98 387	35 358,510	620 905,279	17,560	17,093
21	38	98 297	33 564,337	585 546,769	17,446	16,979
22	39	98 198	31 857,953	551 982,432	17,326	16,860
23	40	98 095	30 236,920	520 124,479	17,202	16,735
24	41	97 987	28 697,208	489 887,559	17,071	16,604
25	42	97 868	27 232,634	461 190,351	16,935	16,468
26	43	97 748	25 842,377	433 957,717	16,792	16,326
27	44	97 614	24 519,775	408 115,340	16,644	16,178
28	45	97 474	23 263,338	383 595,565	16,489	16,022
29	46	97 315	22 066,762	360 332,226	16,329	15,862
30	47	97 146	20 929,595	338 265,464	16,162	15,695
31	48	96 958	19 847,203	317 335,869	15,989	15,522
32	49	96 744	18 815,546	297 488,666	15,811	15,344
33	50	96 514	17 834,438	278 673,121	15,626	15,159
34	51	96 264	16 901,057	260 838,682	15,433	14,966
35	52	95 984	16 011,273	243 937,625	15,235	14,769
36	53	95 683	15 164,945	227 926,352	15,030	14,563
37	54	95 356	14 359,151	212 761,407	14,817	14,350
38	55	94 987	13 590,159	198 402,256	14,599	14,132
39	56	94 578	12 856,618	184 812,097	14,375	13,908
40	57	94 134	12 158,061	171 955,479	14,143	13,677
41	58	93 649	11 492,030	159 797,418	13,905	13,438
42	59	93 117	10 856,803	148 305,388	13,660	13,193
43	60	92 546	10 251,913	137 448,585	13,407	12,940
44	61	91 916	9 674,226	127 196,672	13,148	12,681
45	62	91 229	9 122,968	117 522,446	12,882	12,415
46	63	90 491	8 597,857	108 399,478	12,608	12,141
47	64	89 685	8 096,172	99 801,621	12,327	11,860
48	65	88 804	7 616,764	91 705,449	12,040	11,573
49	66	87 862	7 160,085	84 088,685	11,744	11,277
50	67	86 833	6 723,287	76 928,599	11,442	10,975
51	68	85 724	6 306,316	70 205,312	11,133	10,666
52	69	84 513	5 907,093	63 898,996	10,817	10,351
53	70	83 191	5 524,619	57 991,903	10,497	10,030
54	71	81 757	5 158,566	52 467,284	10,171	9,704
55	72	80 208	4 808,396	47 308,718	9,839	9,372
56	73	78 552	4 474,259	42 500,322	9,499	9,032
57	74	76 754	4 153,747	38 026,063	9,155	8,688
58	75	74 832	3 847,713	33 872,316	8,803	8,336
59	76	72 794	3 556,234	30 024,604	8,443	7,976
60	77	70 587	3 276,430	26 468,370	8,078	7,612
61	78	68 230	3 009,043	23 191,940	7,707	7,241
62	79	65 639	2 750,387	20 182,896	7,338	6,871
63	80	62 818	2 500,878	17 432,509	6,971	6,504
64	81	59 742	2 259,780	14 931,631	6,608	6,141
65	82	56 378	2 026,141	12 671,851	6,254	5,787
66	83	52 767	1 801,796	10 645,710	5,908	5,442
67	84	48 948	1 588,019	8 843,914	5,569	5,102
68	85	44 935	1 385,104	7 255,895	5,239	4,772
69	86	40 718	1 192,513	5 870,791	4,923	4,456
70	87	36 384	1 012,429	4 678,278	4,621	4,154
71	88	32 017	846,478	3 665,849	4,331	3,864
72	89	27 662	694,854	2 819,371	4,058	3,591
73	90	23 449	559,639	2 124,517	3,796	3,329
74	91	19 416	440,276	1 564,877	3,554	3,088
75	92	15 659	337,367	1 124,601	3,333	2,867
76	93	12 295	251,681	787,234	3,128	2,661
77	94	9 364	182,124	535,553	2,941	2,474
78	95	6 915	127,791	353,429	2,766	2,299
79	96	4 932	86,600	225,638	2,606	2,139
80	97	3 346	55,810	139,038	2,491	2,024
81	98	2 213	35,073	83,228	2,373	1,906
82	99	1 422	21,412	48,155	2,249	1,782
83	100	874	12,509	26,742	2,138	1,671

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 527	99 526,958	1 888 214,308	18,972	18,505
1	19	99 153	94 207,010	1 788 687,351	18,987	18,520
2	20	99 108	89 467,466	1 694 480,341	18,940	18,473
3	21	99 074	84 975,735	1 605 012,875	18,888	18,421
4	22	99 047	80 714,933	1 520 037,141	18,832	18,365
5	23	99 021	76 668,118	1 439 322,208	18,773	18,307
6	24	98 993	72 823,392	1 362 654,090	18,712	18,245
7	25	98 966	69 172,132	1 289 830,698	18,647	18,180
8	26	98 939	65 703,579	1 220 658,566	18,578	18,111
9	27	98 912	62 409,117	1 154 954,987	18,506	18,039
10	28	98 882	59 278,571	1 092 545,870	18,431	17,964
11	29	98 851	56 303,949	1 033 267,299	18,352	17,885
12	30	98 818	53 477,456	976 963,350	18,269	17,802
13	31	98 780	50 790,325	923 485,894	18,182	17,716
14	32	98 739	48 237,062	872 695,570	18,092	17,625
15	33	98 692	45 809,019	824 458,507	17,998	17,531
16	34	98 641	43 501,370	778 649,488	17,899	17,433
17	35	98 576	41 304,464	735 148,118	17,798	17,331
18	36	98 509	39 217,194	693 843,654	17,692	17,226
19	37	98 426	37 229,637	654 626,459	17,583	17,117
20	38	98 340	35 341,727	617 396,822	17,469	17,003
21	39	98 238	33 544,090	582 055,095	17,352	16,885
22	40	98 139	31 838,802	548 511,006	17,228	16,761
23	41	98 028	30 216,186	516 672,204	17,099	16,632
24	42	97 915	28 675,965	486 456,018	16,964	16,497
25	43	97 791	27 211,018	457 780,053	16,823	16,357
26	44	97 659	25 818,911	430 569,035	16,676	16,210
27	45	97 520	24 495,977	404 750,124	16,523	16,056
28	46	97 362	23 236,534	380 254,148	16,364	15,898
29	47	97 196	22 039,896	357 017,614	16,199	15,732
30	48	97 013	20 900,915	334 977,719	16,027	15,560
31	49	96 804	19 815,566	314 076,804	15,850	15,383
32	50	96 575	18 782,655	294 261,238	15,667	15,200
33	51	96 335	17 801,388	275 478,583	15,475	15,008
34	52	96 058	16 864,843	257 677,196	15,279	14,812
35	53	95 760	15 973,920	240 812,352	15,075	14,609
36	54	95 438	15 126,006	224 838,433	14,864	14,398
37	55	95 080	14 317,671	209 712,426	14,647	14,180
38	56	94 679	13 546,053	195 394,755	14,424	13,958
39	57	94 239	12 810,630	181 848,702	14,195	13,728
40	58	93 765	12 110,351	169 038,072	13,958	13,491
41	59	93 242	11 442,047	156 927,721	13,715	13,248
42	60	92 679	10 805,707	145 485,674	13,464	12,997
43	61	92 057	10 197,825	134 679,967	13,207	12,740
44	62	91 393	9 619,219	124 482,142	12,941	12,474
45	63	90 669	9 067,004	114 862,923	12,668	12,201
46	64	89 881	8 539,831	105 795,919	12,389	11,922
47	65	89 015	8 035,672	97 256,089	12,103	11,636
48	66	88 096	7 556,055	89 220,417	11,808	11,341
49	67	87 092	7 097,348	81 664,362	11,506	11,040
50	68	86 010	6 659,536	74 567,014	11,197	10,730
51	69	84 827	6 240,317	67 907,478	10,882	10,415
52	70	83 536	5 838,839	61 667,161	10,562	10,095
53	71	82 142	5 455,015	55 828,323	10,234	9,768
54	72	80 636	5 087,885	50 373,307	9,901	9,434
55	73	79 020	4 737,166	45 285,422	9,560	9,093
56	74	77 263	4 400,808	40 548,256	9,214	8,747
57	75	75 384	4 079,631	36 147,448	8,860	8,394
58	76	73 392	3 773,716	32 067,817	8,498	8,031
59	77	71 224	3 479,540	28 294,101	8,132	7,665
60	78	68 908	3 198,463	24 814,561	7,758	7,291
61	79	66 357	2 926,451	21 616,098	7,386	6,920
62	80	63 577	2 663,985	18 689,647	7,016	6,549
63	81	60 528	2 409,692	16 025,662	6,651	6,184
64	82	57 193	2 163,347	13 615,970	6,294	5,827
65	83	53 594	1 926,093	11 452,623	5,946	5,479
66	84	49 775	1 699,613	9 526,530	5,605	5,138
67	85	45 759	1 484,538	7 826,917	5,272	4,805
68	86	41 514	1 279,664	6 342,379	4,956	4,489
69	87	37 168	1 088,549	5 062,715	4,651	4,184
70	88	32 748	911,241	3 974,165	4,361	3,894
71	89	28 361	749,809	3 062,924	4,085	3,618
72	90	24 079	604,858	2 313,115	3,824	3,357
73	91	19 991	477,106	1 708,257	3,580	3,114
74	92	16 161	366,471	1 231,151	3,359	2,893
75	93	12 723	274,110	864,681	3,154	2,688
76	94	9 726	199,086	590,570	2,966	2,500
77	95	7 209	140,205	391,484	2,792	2,325
78	96	5 167	95,488	251,279	2,632	2,165
79	97	3 523	61,862	155,791	2,518	2,052
80	98	2 345	39,122	93,928	2,401	1,934
81	99	1 520	24,091	54,806	2,275	1,808
82	100	943	14,197	30,715	2,163	1,697

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 507	99 507,349	1 884 185,904	18,935	18,468
1	20	99 136	94 190,543	1 784 678,555	18,948	18,481
2	21	99 090	89 450,925	1 690 488,012	18,898	18,432
3	22	99 058	84 961,722	1 601 037,087	18,844	18,377
4	23	99 031	80 701,792	1 516 075,365	18,786	18,319
5	24	99 003	76 654,320	1 435 373,574	18,725	18,258
6	25	98 975	72 810,288	1 358 719,253	18,661	18,194
7	26	98 947	69 158,974	1 285 908,965	18,594	18,127
8	27	98 920	65 691,214	1 216 749,991	18,522	18,055
9	28	98 890	62 395,688	1 151 058,777	18,448	17,981
10	29	98 859	59 264,602	1 088 663,089	18,370	17,903
11	30	98 826	56 289,379	1 029 398,487	18,288	17,821
12	31	98 787	53 460,497	973 109,108	18,202	17,736
13	32	98 749	50 774,377	919 648,611	18,112	17,646
14	33	98 706	48 220,535	868 874,235	18,019	17,552
15	34	98 657	45 792,513	820 653,700	17,921	17,454
16	35	98 601	43 483,709	774 861,187	17,820	17,353
17	36	98 536	41 287,441	731 377,478	17,714	17,247
18	37	98 463	39 199,213	690 090,037	17,605	17,138
19	38	98 379	37 211,966	650 890,824	17,491	17,025
20	39	98 281	35 320,407	613 678,858	17,375	16,908
21	40	98 179	33 523,925	578 358,451	17,252	16,785
22	41	98 072	31 816,970	544 834,526	17,124	16,657
23	42	97 955	30 193,818	513 017,556	16,991	16,524
24	43	97 837	28 653,203	482 823,738	16,851	16,384
25	44	97 702	27 186,309	454 170,535	16,706	16,239
26	45	97 564	25 793,851	426 984,226	16,554	16,087
27	46	97 407	24 467,752	401 190,375	16,397	15,930
28	47	97 244	23 208,243	376 722,623	16,232	15,765
29	48	97 063	22 009,694	353 514,381	16,062	15,595
30	49	96 858	20 867,598	331 504,686	15,886	15,419
31	50	96 634	19 780,927	310 637,089	15,704	15,237
32	51	96 396	18 747,847	290 856,162	15,514	15,047
33	52	96 128	17 763,245	272 108,315	15,319	14,852
34	53	95 834	16 825,498	254 345,071	15,117	14,650
35	54	95 514	15 932,904	237 519,572	14,907	14,441
36	55	95 162	15 082,312	221 586,669	14,692	14,225
37	56	94 772	14 271,204	206 504,357	14,470	14,003
38	57	94 340	13 497,599	192 233,153	14,242	13,775
39	58	93 870	12 760,359	178 735,554	14,007	13,540
40	59	93 357	12 057,678	165 975,194	13,765	13,298
41	60	92 803	11 388,196	153 917,516	13,516	13,049
42	61	92 190	10 748,697	142 529,319	13,260	12,793
43	62	91 534	10 139,841	131 780,623	12,996	12,530
44	63	90 832	9 560,211	121 640,782	12,724	12,257
45	64	90 057	9 005,812	112 080,571	12,445	11,979
46	65	89 209	8 476,015	103 074,759	12,161	11,694
47	66	88 305	7 971,624	94 598,744	11,867	11,400
48	67	87 324	7 489,848	86 627,120	11,566	11,099
49	68	86 266	7 030,049	79 137,272	11,257	10,790
50	69	85 110	6 589,839	72 107,222	10,942	10,475
51	70	83 847	6 168,212	65 517,383	10,622	10,155
52	71	82 484	5 765,276	59 349,171	10,294	9,827
53	72	81 017	5 380,272	53 583,895	9,959	9,493
54	73	79 442	5 012,515	48 203,623	9,617	9,150
55	74	77 722	4 659,400	43 191,108	9,270	8,803
56	75	75 884	4 322,284	38 531,708	8,915	8,448
57	76	73 935	4 001,174	34 209,424	8,550	8,083
58	77	71 810	3 692,332	30 208,250	8,181	7,715
59	78	69 529	3 396,739	26 515,917	7,806	7,339
60	79	67 016	3 110,671	23 119,178	7,432	6,965
61	80	64 273	2 834,518	20 008,507	7,059	6,592
62	81	61 259	2 566,852	17 173,989	6,691	6,224
63	82	57 945	2 306,861	14 607,136	6,332	5,865
64	83	54 369	2 056,523	12 300,275	5,981	5,514
65	84	50 554	1 816,861	10 243,752	5,638	5,171
66	85	46 531	1 588,861	8 426,891	5,304	4,837
67	86	42 275	1 371,528	6 838,030	4,986	4,519
68	87	37 895	1 168,103	5 466,501	4,680	4,213
69	88	33 454	979,754	4 298,399	4,387	3,920
70	89	29 008	807,176	3 318,645	4,111	3,645
71	90	24 688	652,695	2 511,469	3,848	3,381
72	91	20 528	515,656	1 858,774	3,605	3,138
73	92	16 640	397,126	1 343,118	3,382	2,915
74	93	13 131	297,757	945,992	3,177	2,710
75	94	10 064	216,828	648,235	2,990	2,523
76	95	7 487	153,263	431,406	2,815	2,348
77	96	5 387	104,765	278,143	2,655	2,188
78	97	3 691	68,212	173,378	2,542	2,075
79	98	2 470	43,364	105,167	2,425	1,958
80	99	1 611	26,872	61,802	2,300	1,833
81	100	1 008	15,973	34,930	2,187	1,720

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 490	99 489,956	1 879 924,200	18,896	18,429
1	21	99 117	94 173,129	1 780 434,243	18,906	18,439
2	22	99 073	89 436,175	1 686 261,114	18,854	18,388
3	23	99 042	84 947,890	1 596 824,940	18,798	18,331
4	24	99 013	80 687,268	1 511 877,050	18,737	18,271
5	25	98 985	76 640,527	1 431 189,782	18,674	18,207
6	26	98 956	72 796,438	1 354 549,254	18,607	18,141
7	27	98 929	69 145,959	1 281 752,816	18,537	18,070
8	28	98 899	65 677,078	1 212 606,858	18,463	17,996
9	29	98 867	62 380,985	1 146 929,780	18,386	17,919
10	30	98 833	59 249,266	1 084 548,795	18,305	17,838
11	31	98 794	56 271,528	1 025 299,529	18,221	17,754
12	32	98 756	53 443,710	969 028,000	18,132	17,665
13	33	98 715	50 756,980	915 584,290	18,039	17,572
14	34	98 670	48 203,159	864 827,310	17,941	17,475
15	35	98 617	45 773,921	816 624,151	17,840	17,374
16	36	98 560	43 465,788	770 850,230	17,735	17,268
17	37	98 491	41 268,511	727 384,441	17,626	17,159
18	38	98 417	39 180,607	686 115,931	17,512	17,045
19	39	98 320	37 189,517	646 935,324	17,396	16,929
20	40	98 222	35 299,174	609 745,807	17,274	16,807
21	41	98 112	33 500,938	574 446,632	17,147	16,680
22	42	97 999	31 793,417	540 945,695	17,014	16,548
23	43	97 877	30 169,852	509 152,277	16,876	16,409
24	44	97 748	28 627,184	478 982,426	16,732	16,265
25	45	97 607	27 159,922	450 355,242	16,582	16,115
26	46	97 452	25 764,131	423 195,320	16,426	15,959
27	47	97 289	24 437,962	397 431,189	16,263	15,796
28	48	97 110	23 176,440	372 993,227	16,094	15,627
29	49	96 909	21 974,610	349 816,787	15,919	15,452
30	50	96 689	20 831,120	327 842,177	15,738	15,271
31	51	96 455	19 744,269	307 011,057	15,549	15,083
32	52	96 189	18 707,676	287 266,789	15,356	14,889
33	53	95 904	17 721,804	268 559,113	15,154	14,687
34	54	95 588	16 782,296	250 837,309	14,947	14,480
35	55	95 238	15 886,878	234 055,013	14,733	14,266
36	56	94 853	15 033,363	218 168,135	14,512	14,045
37	57	94 433	14 220,157	203 134,772	14,285	13,818
38	58	93 970	13 444,633	188 914,615	14,051	13,585
39	59	93 461	12 704,859	175 469,983	13,811	13,344
40	60	92 918	12 000,931	162 765,123	13,563	13,096
41	61	92 313	11 328,113	150 764,193	13,309	12,842
42	62	91 666	10 687,581	139 436,080	13,047	12,580
43	63	90 972	10 077,639	128 748,499	12,776	12,309
44	64	90 219	9 495,690	118 670,860	12,497	12,031
45	65	89 384	8 938,514	109 175,170	12,214	11,747
46	66	88 498	8 408,458	100 236,656	11,921	11,454
47	67	87 531	7 901,776	91 828,199	11,621	11,154
48	68	86 496	7 418,828	83 926,423	11,313	10,846
49	69	85 364	6 956,475	76 507,595	10,998	10,531
50	70	84 126	6 513,696	69 551,120	10,678	10,211
51	71	82 790	6 090,500	63 037,424	10,350	9,883
52	72	81 354	5 686,282	56 946,923	10,015	9,548
53	73	79 817	5 300,571	51 260,642	9,671	9,204
54	74	78 138	4 930,229	45 960,071	9,322	8,855
55	75	76 336	4 576,261	41 029,842	8,966	8,499
56	76	74 425	4 239,161	36 453,581	8,599	8,132
57	77	72 340	3 914,885	32 214,420	8,229	7,762
58	78	70 101	3 604,468	28 299,535	7,851	7,384
59	79	67 621	3 303,506	24 695,067	7,475	7,009
60	80	64 911	3 012,951	21 391,562	7,100	6,633
61	81	61 929	2 731,167	18 378,611	6,729	6,262
62	82	58 645	2 457,315	15 647,443	6,368	5,901
63	83	55 083	2 192,951	13 190,128	6,015	5,548
64	84	51 285	1 939,895	10 997,178	5,669	5,202
65	85	47 260	1 698,469	9 057,283	5,333	4,866
66	86	42 989	1 467,910	7 358,814	5,013	4,546
67	87	38 590	1 251,959	5 890,904	4,705	4,239
68	88	34 108	1 051,356	4 638,946	4,412	3,946
69	89	29 633	867,864	3 587,590	4,134	3,667
70	90	25 251	702,632	2 719,726	3,871	3,404
71	91	21 047	556,438	2 017,094	3,625	3,158
72	92	17 087	429,214	1 460,656	3,403	2,936
73	93	13 520	322,665	1 031,442	3,197	2,730
74	94	10 387	235,533	708,777	3,009	2,542
75	95	7 748	166,922	473,244	2,835	2,368
76	96	5 595	114,522	306,322	2,675	2,208
77	97	3 848	74,838	191,800	2,563	2,096
78	98	2 588	47,815	116,961	2,446	1,979
79	99	1 697	29,786	69,146	2,321	1,855
80	100	1 068	17,817	39,360	2,209	1,742

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 472	99 471,563	1 875 415,288	18,854	18,387
1	22	99 101	94 157,600	1 775 943,726	18,861	18,395
2	23	99 057	89 421,614	1 681 786,126	18,807	18,341
3	24	99 024	84 932,602	1 592 364,512	18,749	18,282
4	25	98 995	80 672,749	1 507 431,910	18,686	18,219
5	26	98 966	76 625,948	1 426 759,160	18,620	18,153
6	27	98 938	72 782,738	1 350 133,212	18,550	18,083
7	28	98 907	69 131,079	1 277 350,474	18,477	18,010
8	29	98 875	65 661,602	1 208 219,394	18,401	17,934
9	30	98 841	62 364,843	1 142 557,793	18,321	17,854
10	31	98 802	59 230,477	1 080 192,950	18,237	17,770
11	32	98 763	56 253,859	1 020 962,474	18,149	17,682
12	33	98 722	53 425,399	964 708,615	18,057	17,590
13	34	98 679	50 738,690	911 283,216	17,960	17,494
14	35	98 630	48 183,589	860 544,525	17,860	17,393
15	36	98 576	45 755,057	812 360,936	17,755	17,288
16	37	98 515	43 445,859	766 605,880	17,645	17,178
17	38	98 444	41 248,922	723 160,020	17,532	17,065
18	39	98 357	39 156,971	681 911,099	17,415	16,948
19	40	98 261	37 167,161	642 754,127	17,294	16,827
20	41	98 154	35 274,970	605 586,966	17,168	16,701
21	42	98 039	33 476,138	570 311,996	17,036	16,570
22	43	97 922	31 768,181	536 835,858	16,899	16,432
23	44	97 788	30 142,455	505 067,677	16,756	16,289
24	45	97 653	28 599,399	474 925,222	16,606	16,139
25	46	97 495	27 128,628	446 325,823	16,452	15,985
26	47	97 333	25 732,762	419 197,195	16,290	15,824
27	48	97 155	24 404,474	393 464,433	16,123	15,656
28	49	96 956	23 139,496	369 059,958	15,949	15,483
29	50	96 739	21 936,197	345 920,462	15,769	15,303
30	51	96 510	20 792,515	323 984,266	15,582	15,115
31	52	96 249	19 701,963	303 191,750	15,389	14,922
32	53	95 965	18 664,031	283 489,788	15,189	14,722
33	54	95 658	17 676,300	264 825,756	14,982	14,515
34	55	95 312	16 733,817	247 149,457	14,769	14,303
35	56	94 929	15 835,318	230 415,640	14,551	14,084
36	57	94 514	14 979,589	214 580,321	14,325	13,858
37	58	94 062	14 164,355	199 600,732	14,092	13,625
38	59	93 561	13 386,157	185 436,377	13,853	13,386
39	60	93 021	12 645,066	172 050,221	13,606	13,139
40	61	92 428	11 937,614	159 405,155	13,353	12,886
41	62	91 788	11 263,702	147 467,541	13,092	12,625
42	63	91 104	10 622,019	136 203,838	12,823	12,356
43	64	90 358	10 009,626	125 581,820	12,546	12,079
44	65	89 545	9 424,732	115 572,194	12,263	11,796
45	66	88 672	8 867,270	106 147,462	11,971	11,504
46	67	87 723	8 334,782	97 280,192	11,672	11,205
47	68	86 701	7 826,850	88 945,410	11,364	10,897
48	69	85 591	7 341,185	81 118,561	11,050	10,583
49	70	84 377	6 876,096	73 777,376	10,730	10,263
50	71	83 067	6 431,632	66 901,280	10,402	9,935
51	72	81 656	6 007,049	60 469,649	10,066	9,600
52	73	80 149	5 602,047	54 462,599	9,722	9,255
53	74	78 506	5 213,556	48 860,552	9,372	8,905
54	75	76 743	4 842,258	43 646,996	9,014	8,547
55	76	74 867	4 488,254	38 804,738	8,646	8,179
56	77	72 820	4 147,739	34 316,484	8,274	7,807
57	78	70 619	3 821,724	30 168,745	7,894	7,427
58	79	68 177	3 505,532	26 347,021	7,516	7,049
59	80	65 496	3 199,728	22 841,488	7,139	6,672
60	81	62 544	2 903,095	19 641,761	6,766	6,299
61	82	59 287	2 614,618	16 738,666	6,402	5,935
62	83	55 749	2 335,975	14 124,048	6,046	5,580
63	84	51 960	2 068,585	11 788,073	5,699	5,232
64	85	47 943	1 813,485	9 719,488	5,360	4,893
65	86	43 662	1 569,173	7 906,003	5,038	4,572
66	87	39 241	1 339,937	6 336,829	4,729	4,262
67	88	34 733	1 126,831	4 996,892	4,434	3,968
68	89	30 213	931,289	3 870,061	4,156	3,689
69	90	25 795	755,460	2 938,772	3,890	3,423
70	91	21 527	599,011	2 183,312	3,645	3,178
71	92	17 519	463,160	1 584,301	3,421	2,954
72	93	13 883	348,736	1 121,141	3,215	2,748
73	94	10 694	255,236	772,406	3,026	2,559
74	95	7 996	181,322	517,170	2,852	2,385
75	96	5 789	124,728	335,848	2,693	2,226
76	97	3 996	81,808	211,120	2,581	2,114
77	98	2 697	52,460	129,312	2,465	1,998
78	99	1 777	32,843	76,851	2,340	1,873
79	100	1 125	19,749	44,008	2,228	1,762

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 455	99 455,160	1 870 647,974	18,809	18,342
1	23	99 085	94 142,271	1 771 192,814	18,814	18,347
2	24	99 040	89 405,521	1 677 050,544	18,758	18,291
3	25	99 006	84 917,320	1 587 645,023	18,696	18,230
4	26	98 977	80 657,404	1 502 727,703	18,631	18,164
5	27	98 947	76 611,528	1 422 070,299	18,562	18,095
6	28	98 916	72 767,076	1 345 458,772	18,490	18,023
7	29	98 884	69 114,789	1 272 691,695	18,414	17,947
8	30	98 850	65 644,611	1 203 576,906	18,335	17,868
9	31	98 810	62 345,065	1 137 932,295	18,252	17,785
10	32	98 771	59 211,878	1 075 587,231	18,165	17,698
11	33	98 729	56 234,585	1 016 375,352	18,074	17,607
12	34	98 686	53 406,148	960 140,768	17,978	17,511
13	35	98 639	50 718,091	906 734,620	17,878	17,411
14	36	98 589	48 163,731	856 016,529	17,773	17,306
15	37	98 531	45 734,078	807 852,798	17,664	17,197
16	38	98 468	43 425,237	762 118,720	17,550	17,083
17	39	98 384	41 224,039	718 693,483	17,434	16,967
18	40	98 298	39 133,432	677 469,444	17,312	16,845
19	41	98 193	37 141,676	638 336,012	17,187	16,720
20	42	98 082	35 248,857	601 194,336	17,056	16,589
21	43	97 961	33 449,566	565 945,479	16,919	16,453
22	44	97 833	31 739,333	532 495,913	16,777	16,310
23	45	97 693	30 113,200	500 756,580	16,629	16,162
24	46	97 541	28 566,446	470 643,380	16,475	16,009
25	47	97 376	27 095,598	442 076,934	16,315	15,849
26	48	97 200	25 697,501	414 981,336	16,149	15,682
27	49	97 000	24 365,572	389 283,835	15,977	15,510
28	50	96 786	23 099,047	364 918,263	15,798	15,331
29	51	96 560	21 895,544	341 819,216	15,611	15,145
30	52	96 303	20 747,963	319 923,672	15,420	14,953
31	53	96 024	19 655,999	299 175,709	15,221	14,754
32	54	95 719	18 616,108	279 519,710	15,015	14,548
33	55	95 382	17 625,238	260 903,602	14,803	14,336
34	56	95 002	16 679,508	243 278,363	14,585	14,119
35	57	94 590	15 778,676	226 598,855	14,361	13,894
36	58	94 143	14 920,807	210 820,179	14,129	13,662
37	59	93 653	14 102,748	195 899,372	13,891	13,424
38	60	93 121	13 323,157	181 796,623	13,645	13,178
39	61	92 531	12 578,351	168 473,467	13,394	12,927
40	62	91 902	11 869,738	155 895,116	13,134	12,667
41	63	91 225	11 194,606	144 025,378	12,866	12,399
42	64	90 489	10 550,332	132 830,772	12,590	12,123
43	65	89 683	9 934,827	122 280,440	12,308	11,841
44	66	88 831	9 349,612	112 345,613	12,016	11,549
45	67	87 895	8 789,574	102 996,001	11,718	11,251
46	68	86 891	8 255,750	94 206,427	11,411	10,944
47	69	85 794	7 744,936	85 950,677	11,098	10,631
48	70	84 602	7 256,360	78 205,741	10,778	10,311
49	71	83 314	6 789,465	70 949,380	10,450	9,983
50	72	81 928	6 343,507	64 159,915	10,114	9,647
51	73	80 446	5 918,064	57 816,408	9,769	9,303
52	74	78 833	5 510,083	51 898,345	9,419	8,952
53	75	77 106	5 120,530	46 388,261	9,059	8,592
54	76	75 268	4 749,135	41 267,732	8,690	8,223
55	77	73 253	4 391,460	36 518,597	8,316	7,849
56	78	71 087	4 049,037	32 127,137	7,935	7,468
57	79	68 680	3 716,826	28 078,099	7,554	7,088
58	80	66 035	3 395,408	24 361,274	7,175	6,708
59	81	63 108	3 083,061	20 965,866	6,800	6,334
60	82	59 875	2 779,208	17 882,805	6,434	5,968
61	83	56 359	2 485,511	15 103,597	6,077	5,610
62	84	52 588	2 203,499	12 618,086	5,726	5,260
63	85	48 574	1 933,790	10 414,588	5,386	4,919
64	86	44 294	1 675,434	8 480,798	5,062	4,595
65	87	39 856	1 432,373	6 805,364	4,751	4,284
66	88	35 319	1 206,017	5 372,991	4,455	3,988
67	89	30 766	998,145	4 166,974	4,175	3,708
68	90	26 299	810,670	3 168,829	3,909	3,442
69	91	21 991	644,048	2 358,159	3,661	3,195
70	92	17 918	498,596	1 714,111	3,438	2,971
71	93	14 234	376,317	1 215,515	3,230	2,763
72	94	10 982	275,859	839,199	3,042	2,575
73	95	8 233	196,490	563,340	2,867	2,400
74	96	5 975	135,488	366,850	2,708	2,241
75	97	4 136	89,099	231,363	2,597	2,130
76	98	2 801	57,346	142,264	2,481	2,014
77	99	1 853	36,034	84,917	2,357	1,890
78	100	1 178	21,776	48,883	2,245	1,778

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 439	99 438,968	1 865 607,359	18,761	18,295
1	24	99 067	94 125,328	1 766 168,391	18,764	18,297
2	25	99 022	89 389,434	1 672 043,063	18,705	18,238
3	26	98 987	84 901,166	1 582 653,629	18,641	18,174
4	27	98 958	80 642,224	1 497 752,463	18,573	18,106
5	28	98 926	76 595,042	1 417 110,238	18,501	18,035
6	29	98 893	72 749,929	1 340 515,196	18,426	17,960
7	30	98 858	69 096,904	1 267 765,267	18,348	17,881
8	31	98 818	65 623,793	1 198 668,363	18,266	17,799
9	32	98 779	62 325,489	1 133 044,570	18,179	17,713
10	33	98 737	59 191,590	1 070 719,081	18,089	17,622
11	34	98 694	56 214,322	1 011 527,491	17,994	17,527
12	35	98 646	53 384,465	955 313,169	17,895	17,428
13	36	98 599	50 697,188	901 928,704	17,791	17,324
14	37	98 544	48 141,648	851 231,516	17,682	17,215
15	38	98 484	45 712,370	803 089,867	17,568	17,102
16	39	98 409	43 399,041	757 377,498	17,451	16,985
17	40	98 325	41 199,257	713 978,457	17,330	16,863
18	41	98 231	39 106,598	672 779,200	17,204	16,737
19	42	98 121	37 114,181	633 672,602	17,074	16,607
20	43	98 004	35 220,878	596 558,421	16,938	16,471
21	44	97 872	33 419,192	561 337,543	16,797	16,330
22	45	97 738	31 708,528	527 918,351	16,649	16,182
23	46	97 581	30 078,502	496 209,823	16,497	16,030
24	47	97 422	28 531,666	466 131,320	16,337	15,871
25	48	97 242	27 058,469	437 599,655	16,172	15,706
26	49	97 045	25 656,538	410 541,186	16,001	15,535
27	50	96 831	24 322,980	384 884,648	15,824	15,357
28	51	96 607	23 056,239	360 561,669	15,638	15,172
29	52	96 353	21 848,629	337 505,429	15,447	14,981
30	53	96 078	20 699,559	315 656,800	15,249	14,783
31	54	95 778	19 605,528	294 957,241	15,045	14,578
32	55	95 442	18 562,332	275 351,713	14,834	14,367
33	56	95 072	17 568,037	256 789,381	14,617	14,150
34	57	94 663	16 619,846	239 221,344	14,394	13,927
35	58	94 219	15 716,759	222 601,498	14,163	13,697
36	59	93 734	14 855,911	206 884,739	13,926	13,459
37	60	93 212	14 036,376	192 028,829	13,681	13,214
38	61	92 630	13 252,864	177 992,453	13,430	12,964
39	62	92 005	12 506,832	164 739,589	13,172	12,705
40	63	91 338	11 796,924	152 232,757	12,904	12,438
41	64	90 610	11 119,055	140 435,833	12,630	12,163
42	65	89 813	10 471,492	129 316,778	12,349	11,883
43	66	88 968	9 855,642	118 845,286	12,059	11,592
44	67	88 053	9 267,690	108 989,644	11,760	11,293
45	68	87 061	8 706,229	99 721,954	11,454	10,987
46	69	85 981	8 169,348	91 015,724	11,141	10,674
47	70	84 803	7 655,447	82 846,377	10,822	10,355
48	71	83 536	7 164,939	75 190,930	10,494	10,027
49	72	82 173	6 696,438	68 025,991	10,159	9,692
50	73	80 715	6 249,537	61 329,553	9,813	9,347
51	74	79 126	5 820,912	55 080,017	9,462	8,996
52	75	77 426	5 411,766	49 259,105	9,102	8,635
53	76	75 623	5 022,055	43 847,339	8,731	8,264
54	77	73 644	4 646,715	38 825,284	8,355	7,889
55	78	71 510	4 286,959	34 178,569	7,973	7,506
56	79	69 136	3 937,899	29 891,610	7,591	7,124
57	80	66 523	3 600,064	25 953,711	7,209	6,742
58	81	63 627	3 271,606	22 353,648	6,833	6,366
59	82	60 415	2 951,495	19 082,041	6,465	5,998
60	83	56 919	2 641,974	16 130,547	6,105	5,639
61	84	53 163	2 344,554	13 488,573	5,753	5,286
62	85	49 161	2 059,912	11 144,019	5,410	4,943
63	86	44 876	1 786,581	9 084,107	5,085	4,618
64	87	40 432	1 529,370	7 297,526	4,772	4,305
65	88	35 873	1 289,214	5 768,157	4,474	4,007
66	89	31 286	1 068,287	4 478,943	4,193	3,726
67	90	26 781	868,867	3 410,656	3,925	3,459
68	91	22 421	691,116	2 541,789	3,678	3,211
69	92	18 304	536,083	1 850,673	3,452	2,985
70	93	14 559	405,108	1 314,590	3,245	2,778
71	94	11 259	297,676	909,482	3,055	2,588
72	95	8 454	212,366	611,806	2,881	2,414
73	96	6 152	146,821	399,440	2,721	2,254
74	97	4 268	96,785	252,618	2,610	2,143
75	98	2 899	62,457	155,833	2,495	2,028
76	99	1 924	39,390	93,376	2,371	1,904
77	100	1 228	23,892	53,986	2,260	1,793

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 421	99 421,072	1 860 279,677	18,711	18,244
1	25	99 049	94 108,392	1 760 858,605	18,711	18,244
2	26	99 003	89 372,430	1 666 750,213	18,649	18,183
3	27	98 969	84 885,188	1 577 377,784	18,582	18,116
4	28	98 937	80 624,871	1 492 492,596	18,512	18,045
5	29	98 903	76 576,993	1 411 867,724	18,437	17,970
6	30	98 867	72 731,104	1 335 290,731	18,359	17,892
7	31	98 827	69 074,992	1 262 559,627	18,278	17,811
8	32	98 787	65 603,187	1 193 484,636	18,192	17,726
9	33	98 745	62 304,134	1 127 881,449	18,103	17,636
10	34	98 702	59 170,262	1 065 577,315	18,009	17,542
11	35	98 654	56 191,499	1 006 407,053	17,910	17,444
12	36	98 605	53 362,464	950 215,554	17,807	17,340
13	37	98 554	50 673,944	896 853,090	17,699	17,232
14	38	98 497	48 118,797	846 179,146	17,585	17,118
15	39	98 425	45 684,794	798 060,349	17,469	17,002
16	40	98 350	43 372,951	752 375,556	17,347	16,880
17	41	98 258	41 171,007	709 002,604	17,221	16,754
18	42	98 158	39 077,649	667 831,597	17,090	16,623
19	43	98 043	37 084,722	628 753,948	16,955	16,488
20	44	97 915	35 188,895	591 669,226	16,814	16,347
21	45	97 777	33 386,756	556 480,331	16,668	16,201
22	46	97 625	31 671,992	523 093,576	16,516	16,049
23	47	97 462	30 041,881	491 421,583	16,358	15,891
24	48	97 289	28 492,569	461 379,702	16,193	15,726
25	49	97 087	27 015,336	432 887,133	16,024	15,557
26	50	96 875	25 611,688	405 871,797	15,847	15,380
27	51	96 651	24 277,904	380 260,109	15,663	15,196
28	52	96 400	23 006,837	355 982,204	15,473	15,006
29	53	96 128	21 797,657	332 975,367	15,276	14,809
30	54	95 831	20 646,409	311 177,711	15,072	14,605
31	55	95 501	19 548,894	290 531,301	14,862	14,395
32	56	95 132	18 502,089	270 982,407	14,646	14,179
33	57	94 732	17 505,196	252 480,318	14,423	13,956
34	58	94 291	16 554,628	234 975,122	14,194	13,727
35	59	93 809	15 648,400	218 420,494	13,958	13,491
36	60	93 292	14 785,993	202 772,094	13,714	13,247
37	61	92 720	13 962,320	187 986,101	13,464	12,997
38	62	92 103	13 177,510	174 023,781	13,206	12,739
39	63	91 440	12 430,109	160 846,271	12,940	12,473
40	64	90 722	11 717,308	148 416,161	12,666	12,200
41	65	89 932	11 035,966	136 698,853	12,387	11,920
42	66	89 097	10 388,030	125 662,888	12,097	11,630
43	67	88 189	9 769,286	115 274,858	11,800	11,333
44	68	87 218	9 179,812	105 505,572	11,493	11,026
45	69	86 150	8 615,113	96 325,760	11,181	10,714
46	70	84 988	8 074,954	87 710,647	10,862	10,395
47	71	83 734	7 558,997	79 635,693	10,535	10,068
48	72	82 391	7 066,767	72 076,696	10,199	9,733
49	73	80 955	6 597,239	65 009,929	9,854	9,387
50	74	79 390	6 146,943	58 412,690	9,503	9,036
51	75	77 714	5 717,048	52 265,747	9,142	8,675
52	76	75 937	5 307,690	46 548,698	8,770	8,303
53	77	73 992	4 913,749	41 241,008	8,393	7,926
54	78	71 892	4 536,140	36 327,259	8,008	7,542
55	79	69 547	4 169,290	31 791,119	7,625	7,158
56	80	66 964	3 814,192	27 621,829	7,242	6,775
57	81	64 097	3 468,800	23 807,637	6,863	6,397
58	82	60 912	3 131,994	20 338,837	6,494	6,027
59	83	57 432	2 805,753	17 206,843	6,133	5,666
60	84	53 691	2 492,144	14 401,090	5,779	5,312
61	85	49 699	2 191,775	11 908,946	5,433	4,967
62	86	45 418	1 903,102	9 717,171	5,106	4,639
63	87	40 964	1 630,827	7 814,069	4,791	4,325
64	88	36 391	1 376,516	6 183,242	4,492	4,025
65	89	31 776	1 141,983	4 806,726	4,209	3,742
66	90	27 234	929,925	3 664,743	3,941	3,474
67	91	22 832	740,730	2 734,818	3,692	3,225
68	92	18 662	575,261	1 994,089	3,466	3,000
69	93	14 872	435,567	1 418,828	3,257	2,791
70	94	11 516	320,451	983,261	3,068	2,602
71	95	8 668	229,161	662,810	2,892	2,426
72	96	6 317	158,685	433,649	2,733	2,266
73	97	4 395	104,882	274,964	2,622	2,155
74	98	2 992	67,845	170,082	2,507	2,040
75	99	1 991	42,900	102,238	2,383	1,916
76	100	1 276	26,117	59,337	2,272	1,805

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 403	99 403,183	1 854 652,513	18,658	18,191
1	26	99 030	94 090,490	1 755 249,330	18,655	18,188
2	27	98 984	89 355,610	1 661 158,840	18,590	18,124
3	28	98 947	84 866,922	1 571 803,230	18,521	18,054
4	29	98 913	80 605,873	1 486 936,308	18,447	17,980
5	30	98 877	76 557,177	1 406 330,435	18,370	17,903
6	31	98 836	72 708,039	1 329 773,258	18,289	17,822
7	32	98 796	69 053,302	1 257 065,219	18,204	17,737
8	33	98 754	65 580,709	1 188 011,917	18,115	17,648
9	34	98 710	62 281,684	1 122 431,207	18,022	17,555
10	35	98 662	59 146,239	1 060 149,523	17,924	17,457
11	36	98 613	56 168,341	1 001 003,284	17,821	17,355
12	37	98 560	53 337,997	944 834,944	17,714	17,247
13	38	98 507	50 649,890	891 496,946	17,601	17,134
14	39	98 438	48 089,769	840 847,056	17,485	17,018
15	40	98 365	45 657,330	792 757,287	17,363	16,896
16	41	98 282	43 343,211	747 099,956	17,237	16,770
17	42	98 185	41 140,529	703 756,745	17,106	16,639
18	43	98 080	39 046,631	662 616,216	16,970	16,503
19	44	97 954	37 051,046	623 569,585	16,830	16,363
20	45	97 820	35 154,742	586 518,539	16,684	16,217
21	46	97 665	33 348,286	551 363,797	16,533	16,067
22	47	97 506	31 633,431	518 015,511	16,376	15,909
23	48	97 328	30 000,715	486 382,079	16,212	15,746
24	49	97 134	28 447,150	456 381,364	16,043	15,576
25	50	96 918	26 968,112	427 934,214	15,868	15,401
26	51	96 696	25 564,225	400 966,103	15,685	15,218
27	52	96 444	24 225,884	375 401,878	15,496	15,029
28	53	96 175	22 953,163	351 175,994	15,300	14,833
29	54	95 881	21 741,687	328 222,831	15,096	14,630
30	55	95 555	20 586,768	306 481,144	14,887	14,420
31	56	95 191	19 485,449	285 894,376	14,672	14,205
32	57	94 792	18 435,908	266 408,926	14,451	13,984
33	58	94 360	17 436,504	247 973,019	14,221	13,755
34	59	93 881	16 482,625	230 536,515	13,987	13,520
35	60	93 367	15 574,753	214 053,890	13,744	13,277
36	61	92 800	14 707,983	198 479,137	13,495	13,028
37	62	92 193	13 882,932	183 771,154	13,237	12,770
38	63	91 538	13 096,673	169 888,222	12,972	12,505
39	64	90 823	12 346,220	156 791,549	12,700	12,233
40	65	90 044	11 629,748	144 445,329	12,420	11,954
41	66	89 216	10 948,004	132 815,581	12,131	11,665
42	67	88 316	10 297,009	121 867,577	11,835	11,368
43	68	87 353	9 676,651	111 570,568	11,530	11,063
44	69	86 305	9 083,739	101 893,916	11,217	10,750
45	70	85 155	8 515,569	92 810,177	10,899	10,432
46	71	83 917	7 973,220	84 294,609	10,572	10,105
47	72	82 587	7 455,426	76 321,389	10,237	9,770
48	73	81 171	6 962,082	68 865,964	9,892	9,425
49	74	79 626	6 488,938	61 903,881	9,540	9,073
50	75	77 973	6 037,262	55 414,943	9,179	8,712
51	76	76 219	5 607,101	49 377,681	8,806	8,339
52	77	74 300	5 193,225	43 770,579	8,428	7,962
53	78	72 231	4 796,819	38 577,355	8,042	7,575
54	79	69 919	4 411,631	33 780,535	7,657	7,190
55	80	67 362	4 038,314	29 368,904	7,273	6,806
56	81	64 522	3 675,121	25 330,589	6,892	6,426
57	82	61 362	3 320,773	21 655,468	6,521	6,054
58	83	57 904	2 977,339	18 334,695	6,158	5,691
59	84	54 175	2 646,635	15 357,356	5,803	5,336
60	85	50 192	2 329,748	12 710,721	5,456	4,989
61	86	45 915	2 024,927	10 380,973	5,127	4,660
62	87	41 459	1 737,189	8 356,046	4,810	4,343
63	88	36 870	1 467,833	6 618,857	4,509	4,042
64	89	32 235	1 219,315	5 151,024	4,225	3,758
65	90	27 660	994,076	3 931,709	3,955	3,488
66	91	23 217	792,783	2 937,633	3,705	3,239
67	92	19 004	616,558	2 144,850	3,479	3,012
68	93	15 163	467,399	1 528,292	3,270	2,803
69	94	11 764	344,544	1 060,893	3,079	2,612
70	95	8 866	246,694	716,349	2,904	2,437
71	96	6 477	171,235	469,655	2,743	2,276
72	97	4 513	113,356	298,420	2,633	2,166
73	98	3 080	73,520	185,064	2,517	2,050
74	99	2 055	46,601	111,544	2,394	1,927
75	100	1 320	28,444	64,943	2,283	1,816

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1	0	99 644	94 673,419	1 831 777,888	19,348	18,882
2	1	99 317	89 655,869	1 737 104,469	19,375	18,908
3	2	99 277	85 149,309	1 647 448,600	19,348	18,881
4	3	99 254	80 883,094	1 562 299,291	19,316	18,849
5	4	99 233	76 832,434	1 481 416,197	19,281	18,814
6	5	99 213	72 985,619	1 404 583,764	19,245	18,778
7	6	99 195	69 332,526	1 331 598,145	19,206	18,739
8	7	99 178	65 862,633	1 262 265,619	19,165	18,698
9	8	99 165	62 569,065	1 196 402,986	19,121	18,655
10	9	99 150	59 439,144	1 133 833,921	19,076	18,609
11	10	99 136	56 466,317	1 074 394,777	19,027	18,560
12	11	99 123	53 642,417	1 017 928,461	18,976	18,509
13	12	99 108	50 959,218	964 286,044	18,923	18,456
14	13	99 091	48 408,865	913 326,826	18,867	18,400
15	14	99 068	45 983,598	864 917,961	18,809	18,342
16	15	99 043	43 678,867	818 934,363	18,749	18,282
17	16	99 007	41 484,793	775 255,496	18,688	18,221
18	17	98 965	39 398,849	733 770,702	18,624	18,157
19	18	98 914	37 414,147	694 371,853	18,559	18,092
20	19	98 855	35 526,746	656 957,706	18,492	18,025
21	20	98 795	33 734,154	621 430,960	18,421	17,955
22	21	98 736	32 032,541	587 696,806	18,347	17,880
23	22	98 675	30 415,894	555 664,265	18,269	17,802
24	23	98 619	28 882,174	525 248,371	18,186	17,719
25	24	98 554	27 423,528	496 366,197	18,100	17,633
26	25	98 493	26 039,512	468 942,669	18,009	17,542
27	26	98 430	24 724,573	442 903,156	17,913	17,447
28	27	98 366	23 476,013	418 178,584	17,813	17,346
29	28	98 297	22 289,388	394 702,571	17,708	17,241
30	29	98 222	21 161,531	372 413,183	17,599	17,132
31	30	98 142	20 089,480	351 251,652	17,484	17,018
32	31	98 050	19 069,587	331 162,172	17,366	16,899
33	32	97 957	18 101,200	312 092,585	17,242	16,775
34	33	97 852	17 179,818	293 991,385	17,113	16,646
35	34	97 742	16 304,429	276 811,567	16,978	16,511
36	35	97 623	15 472,432	260 507,138	16,837	16,370
37	36	97 499	14 681,960	245 034,706	16,690	16,223
38	37	97 359	13 929,548	230 352,746	16,537	16,070
39	38	97 209	13 214,319	216 423,198	16,378	15,911
40	39	97 042	12 533,621	203 208,880	16,213	15,746
41	40	96 864	11 886,539	190 675,259	16,041	15,574
42	41	96 668	11 270,827	178 788,720	15,863	15,396
43	42	96 458	10 685,280	167 517,893	15,677	15,211
44	43	96 233	10 128,607	156 832,614	15,484	15,017
45	44	95 972	9 597,353	146 704,007	15,286	14,819
46	45	95 691	9 091,932	137 106,654	15,080	14,613
47	46	95 373	8 609,659	128 014,722	14,869	14,402
48	47	95 031	8 150,893	119 405,063	14,649	14,183
49	48	94 649	7 713,167	111 254,171	14,424	13,957
50	49	94 217	7 295,003	103 541,004	14,193	13,727
51	50	93 740	6 896,003	96 246,001	13,957	13,490
52	51	93 220	6 515,669	89 349,998	13,713	13,246
53	52	92 635	6 151,816	82 834,329	13,465	12,998
54	53	91 985	5 803,927	76 682,513	13,212	12,745
55	54	91 261	5 471,020	70 878,586	12,955	12,488
56	55	90 459	5 152,458	65 407,565	12,694	12,228
57	56	89 572	4 847,415	60 255,108	12,430	11,964
58	57	88 597	4 555,497	55 407,692	12,163	11,696
59	58	87 529	4 276,114	50 852,195	11,892	11,425
60	59	86 370	4 008,993	46 576,081	11,618	11,151
61	60	85 118	3 753,822	42 567,088	11,340	10,873
62	61	83 753	3 509,368	38 813,266	11,060	10,593
63	62	82 282	3 275,768	35 303,898	10,777	10,310
64	63	80 716	3 053,131	32 028,130	10,490	10,023
65	64	79 029	2 840,195	28 974,999	10,202	9,735
66	65	77 229	2 637,054	26 134,804	9,911	9,444
67	66	75 341	2 444,269	23 497,750	9,613	9,147
68	67	73 337	2 260,570	21 053,481	9,313	8,847
69	68	71 248	2 086,640	18 792,910	9,006	8,540
70	69	69 015	1 920,414	16 706,271	8,699	8,233
71	70	66 696	1 763,314	14 785,857	8,385	7,918
72	71	64 233	1 613,491	13 022,543	8,071	7,604
73	72	61 694	1 472,413	11 409,052	7,749	7,282
74	73	59 033	1 338,624	9 936,639	7,423	6,956
75	74	56 259	1 212,086	8 598,015	7,094	6,627
76	75	53 397	1 093,048	7 385,928	6,757	6,290
77	76	50 424	980,691	6 292,880	6,417	5,950
78	77	47 328	874,577	5 312,189	6,074	5,607
79	78	44 101	774,294	4 437,612	5,731	5,264
80	79	40 726	679,370	3 663,318	5,392	4,925
81	80	37 221	589,929	2 983,947	5,058	4,591
82	81	33 550	505,215	2 394,018	4,739	4,272
83	82	29 784	426,143	1 888,803	4,432	3,966
84	83	26 007	353,538	1 462,660	4,137	3,670
85	84	22 275	287,705	1 109,122	3,855	3,388
86	85	18 644	228,791	821,417	3,590	3,123
87	86	15 197	177,192	592,625	3,345	2,878
88	87	12 040	133,375	415,434	3,115	2,648
89	88	9 225	97,096	282,059	2,905	2,438
90	89	6 822	68,225	184,963	2,711	2,244
91	90	4 860	46,181	116,738	2,528	2,061
92	91	3 319	29,960	70,557	2,355	1,888
93	92	2 140	18,354	40,597	2,212	1,745
94	93	1 315	10,720	22,244	2,075	1,608
95	94	760	5,881	11,524	1,959	1,493
96	95	415	3,054	5,643	1,848	1,381
97	96	210	1,469	2,589	1,763	1,296
98	97	100	0,661	1,120	1,693	1,227
99	98	45	0,282	0,459	1,629	1,162
100	99	19	0,113	0,177	1,564	1,098

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 616	89 926,128	1 738 402,654	19,331	18,865
3	1	99 301	85 170,426	1 648 476,526	19,355	18,888
4	2	99 266	80 893,143	1 563 306,100	19,326	18,859
5	3	99 243	76 840,358	1 482 412,957	19,292	18,825
6	4	99 223	72 992,604	1 405 572,599	19,256	18,790
7	5	99 204	69 338,702	1 332 579,996	19,218	18,752
8	6	99 187	65 868,459	1 263 241,293	19,178	18,711
9	7	99 170	62 571,972	1 197 372,834	19,136	18,669
10	8	99 157	59 443,286	1 134 800,862	19,090	18,624
11	9	99 142	56 469,771	1 075 357,576	19,043	18,576
12	10	99 129	53 645,555	1 018 887,805	18,993	18,526
13	11	99 116	50 963,158	965 242,250	18,940	18,473
14	12	99 099	48 412,666	914 279,092	18,885	18,418
15	13	99 078	45 987,931	865 866,425	18,828	18,361
16	14	99 052	43 682,895	819 878,494	18,769	18,302
17	15	99 019	41 489,841	776 195,599	18,708	18,241
18	16	98 980	39 404,651	734 705,758	18,645	18,178
19	17	98 927	37 419,242	695 301,106	18,581	18,115
20	18	98 874	35 533,747	657 881,864	18,514	18,047
21	19	98 812	33 740,052	622 348,118	18,445	17,979
22	20	98 755	32 038,464	588 608,066	18,372	17,905
23	21	98 692	30 420,911	556 569,602	18,296	17,829
24	22	98 635	28 886,877	526 148,691	18,214	17,747
25	23	98 572	27 428,465	497 261,814	18,129	17,663
26	24	98 511	26 044,199	469 833,350	18,040	17,573
27	25	98 448	24 729,277	443 789,151	17,946	17,479
28	26	98 384	23 480,431	419 059,874	17,847	17,380
29	27	98 318	22 294,185	395 579,443	17,744	17,277
30	28	98 245	21 166,518	373 285,258	17,636	17,169
31	29	98 167	20 094,680	352 118,739	17,523	17,056
32	30	98 081	19 075,637	332 024,059	17,406	16,939
33	31	97 988	18 106,886	312 948,422	17,283	16,817
34	32	97 886	17 185,706	294 841,537	17,156	16,689
35	33	97 777	16 310,306	277 655,830	17,023	16,557
36	34	97 663	15 478,716	261 345,524	16,884	16,417
37	35	97 540	14 688,013	245 866,808	16,739	16,272
38	36	97 404	13 935,937	231 178,795	16,589	16,122
39	37	97 255	13 220,594	217 242,858	16,432	15,965
40	38	97 101	12 541,186	204 022,263	16,268	15,801
41	39	96 922	11 893,689	191 481,077	16,099	15,633
42	40	96 735	11 278,560	179 587,388	15,923	15,456
43	41	96 529	10 693,195	168 308,828	15,740	15,273
44	42	96 309	10 136,653	157 615,633	15,549	15,082
45	43	96 060	9 606,076	147 478,980	15,353	14,886
46	44	95 784	9 100,765	137 872,904	15,150	14,683
47	45	95 483	8 619,591	128 772,139	14,939	14,473
48	46	95 147	8 160,828	120 152,548	14,723	14,256
49	47	94 779	7 723,751	111 991,720	14,500	14,033
50	48	94 368	7 306,650	104 267,969	14,270	13,803
51	49	93 904	6 908,079	96 961,319	14,036	13,569
52	50	93 393	6 527,766	90 053,240	13,795	13,329
53	51	92 834	6 165,026	83 525,474	13,548	13,081
54	52	92 200	5 817,500	77 360,449	13,298	12,831
55	53	91 496	5 485,104	71 542,949	13,043	12,576
56	54	90 721	5 167,385	66 057,845	12,784	12,317
57	55	89 863	4 863,199	60 890,460	12,521	12,054
58	56	88 915	4 571,850	56 027,261	12,255	11,788
59	57	87 874	4 292,960	51 455,411	11,986	11,519
60	58	86 747	4 026,506	47 162,451	11,713	11,246
61	59	85 521	3 771,572	43 135,944	11,437	10,970
62	60	84 197	3 527,981	39 364,372	11,158	10,691
63	61	82 753	3 294,500	35 836,391	10,878	10,411
64	62	81 214	3 071,976	32 541,891	10,593	10,126
65	63	79 566	2 859,493	29 469,915	10,306	9,839
66	64	77 810	2 656,908	26 610,421	10,016	9,549
67	65	75 946	2 463,908	23 953,513	9,722	9,255
68	66	73 985	2 280,553	21 489,606	9,423	8,956
69	67	71 930	2 106,615	19 209,053	9,118	8,652
70	68	69 745	1 940,725	17 102,438	8,812	8,346
71	69	67 476	1 783,927	15 161,713	8,499	8,032
72	70	65 053	1 634,078	13 377,786	8,187	7,720
73	71	62 551	1 492,868	11 743,708	7,867	7,400
74	72	59 921	1 358,752	10 250,840	7,544	7,078
75	73	57 198	1 232,316	8 892,088	7,216	6,749
76	74	54 367	1 112,906	7 659,772	6,883	6,416
77	75	51 412	999,921	6 546,865	6,547	6,081
78	76	48 372	893,854	5 546,944	6,206	5,739
79	77	45 176	793,169	4 653,091	5,866	5,400
80	78	41 876	698,544	3 859,922	5,526	5,059
81	79	38 428	609,063	3 161,378	5,191	4,724
82	80	34 819	524,333	2 552,315	4,868	4,401
83	81	31 112	445,138	2 027,982	4,556	4,089
84	82	27 358	371,902	1 582,844	4,256	3,789
85	83	23 615	305,002	1 210,941	3,970	3,503
86	84	19 944	244,739	905,939	3,702	3,235
87	85	16 450	191,792	661,200	3,447	2,981
88	86	13 190	146,113	469,408	3,213	2,746
89	87	10 249	107,878	323,295	2,997	2,530
90	88	7 702	77,021	215,417	2,797	2,330
91	89	5 584	53,052	138,396	2,609	2,142
92	90	3 893	35,143	85,344	2,429	1,962
93	91	2 571	22,050	50,201	2,277	1,810
94	92	1 619	13,193	28,151	2,134	1,667
95	93	960	7,435	14,958	2,012	1,545
96	94	539	3,967	7,523	1,897	1,430
97	95	281	1,966	3,557	1,809	1,342
98	96	139	0,926	1,591	1,718	1,251
99	97	64	0,402	0,665	1,655	1,188
100	98	27	0,165	0,263	1,595	1,128

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 601	85 427,164	1 649 677,838	19,311	18,844
4	1	99 291	80 913,204	1 564 250,674	19,332	18,866
5	2	99 255	76 849,905	1 483 337,470	19,302	18,835
6	3	99 233	73 000,132	1 406 487,565	19,267	18,800
7	4	99 214	69 345,338	1 333 487,433	19,230	18,763
8	5	99 196	65 874,327	1 264 142,096	19,190	18,723
9	6	99 178	62 577,507	1 198 267,768	19,149	18,682
10	7	99 162	59 446,048	1 135 690,261	19,105	18,638
11	8	99 149	56 473,707	1 076 244,213	19,057	18,591
12	9	99 135	53 648,837	1 019 770,506	19,008	18,541
13	10	99 122	50 966,140	966 121,670	18,956	18,489
14	11	99 106	48 416,410	915 155,530	18,902	18,435
15	12	99 085	45 991,543	866 739,120	18,846	18,379
16	13	99 062	43 687,011	820 747,577	18,787	18,320
17	14	99 028	41 493,667	777 060,566	18,727	18,260
18	15	98 992	39 409,446	735 566,899	18,665	18,198
19	16	98 942	37 424,753	696 157,453	18,602	18,135
20	17	98 888	35 538,586	658 732,700	18,536	18,069
21	18	98 832	33 746,700	623 194,114	18,467	18,000
22	19	98 772	32 044,065	589 447,414	18,395	17,928
23	20	98 710	30 426,536	557 403,349	18,320	17,853
24	21	98 651	28 891,641	526 976,813	18,240	17,773
25	22	98 588	27 432,931	498 085,172	18,156	17,690
26	23	98 529	26 048,887	470 652,241	18,068	17,601
27	24	98 466	24 733,727	444 603,355	17,976	17,509
28	25	98 403	23 484,899	419 869,627	17,878	17,411
29	26	98 336	22 298,382	396 384,728	17,776	17,310
30	27	98 267	21 171,074	374 086,347	17,670	17,203
31	28	98 190	20 099,416	352 915,272	17,558	17,092
32	29	98 107	19 080,574	332 815,856	17,443	16,976
33	30	98 019	18 112,630	313 735,282	17,321	16,855
34	31	97 916	17 191,104	295 622,652	17,196	16,729
35	32	97 810	16 315,897	278 431,548	17,065	16,598
36	33	97 698	15 484,296	262 115,652	16,928	16,461
37	34	97 579	14 693,979	246 631,356	16,785	16,318
38	35	97 444	13 941,683	231 937,377	16,636	16,169
39	36	97 300	13 226,659	217 995,694	16,482	16,015
40	37	97 147	12 547,142	204 769,035	16,320	15,853
41	38	96 981	11 900,868	192 221,893	16,152	15,685
42	39	96 793	11 285,344	180 321,026	15,978	15,512
43	40	96 595	10 700,533	169 035,681	15,797	15,330
44	41	96 380	10 144,162	158 335,149	15,608	15,142
45	42	96 136	9 613,707	148 190,987	15,415	14,948
46	43	95 871	9 109,037	138 577,279	15,213	14,746
47	44	95 576	8 627,965	129 468,243	15,006	14,539
48	45	95 257	8 170,243	120 840,278	14,790	14,323
49	46	94 894	7 733,166	112 670,035	14,570	14,103
50	47	94 497	7 316,676	104 936,869	14,342	13,875
51	48	94 054	6 919,108	97 620,193	14,109	13,642
52	49	93 556	6 539,197	90 701,085	13,870	13,404
53	50	93 006	6 176,472	84 161,888	13,626	13,159
54	51	92 398	5 829,991	77 985,416	13,377	12,910
55	52	91 710	5 497,931	72 155,425	13,124	12,657
56	53	90 955	5 180,687	66 657,494	12,867	12,400
57	54	90 124	4 877,288	61 476,807	12,605	12,138
58	55	89 204	4 586,737	56 599,519	12,340	11,873
59	56	88 190	4 308,371	52 012,783	12,072	11,606
60	57	87 089	4 042,369	47 704,412	11,801	11,334
61	58	85 894	3 788,048	43 662,043	11,526	11,059
62	59	84 595	3 544,664	39 873,995	11,249	10,782
63	60	83 192	3 311,974	36 329,331	10,969	10,502
64	61	81 679	3 089,543	33 017,357	10,687	10,220
65	62	80 057	2 877,143	29 927,814	10,402	9,935
66	63	78 339	2 674,961	27 050,671	10,113	9,646
67	64	76 518	2 482,458	24 375,710	9,819	9,352
68	65	74 579	2 298,876	21 893,252	9,523	9,057
69	66	72 566	2 125,237	19 594,376	9,220	8,753
70	67	70 412	1 959,303	17 469,139	8,916	8,449
71	68	68 189	1 802,795	15 509,836	8,603	8,136
72	69	65 813	1 653,180	13 707,042	8,291	7,825
73	70	63 349	1 511,916	12 053,861	7,973	7,506
74	71	60 753	1 377,628	10 541,945	7,652	7,185
75	72	58 058	1 250,846	9 164,317	7,326	6,860
76	73	55 275	1 131,481	7 913,471	6,994	6,527
77	74	52 346	1 018,087	6 781,991	6,662	6,195
78	75	49 320	911,381	5 763,904	6,324	5,858
79	76	46 172	810,651	4 852,523	5,986	5,519
80	77	42 896	715,572	4 041,872	5,648	5,182
81	78	39 513	626,252	3 326,299	5,311	4,845
82	79	35 949	541,339	2 700,047	4,988	4,521
83	80	32 289	461,983	2 158,709	4,673	4,206
84	81	28 578	388,480	1 696,726	4,368	3,901
85	82	24 841	320,845	1 308,245	4,077	3,611
86	83	21 143	259,453	987,400	3,806	3,339
87	84	17 596	205,161	727,946	3,548	3,081
88	85	14 276	158,152	522,786	3,306	2,839
89	86	11 228	118,181	364,634	3,085	2,619
90	87	8 557	85,573	246,453	2,880	2,413
91	88	6 304	59,892	160,879	2,686	2,219
92	89	4 472	40,371	100,987	2,501	2,035
93	90	3 015	25,864	60,616	2,344	1,877
94	91	1 945	15,850	34,751	2,192	1,726
95	92	1 182	9,151	18,901	2,066	1,599
96	93	682	5,015	9,750	1,944	1,478
97	94	365	2,554	4,736	1,854	1,388
98	95	187	1,239	2,182	1,761	1,294
99	96	89	0,562	0,943	1,677	1,210
100	97	39	0,235	0,381	1,618	1,152

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4	0	99 590	81 157,109	1 565 361,861	19,288	18,821
5	1	99 280	76 868,964	1 484 204,752	19,308	18,841
6	2	99 245	73 009,201	1 407 335,789	19,276	18,809
7	3	99 224	69 352,490	1 334 326,587	19,240	18,773
8	4	99 205	65 880,631	1 264 974,097	19,201	18,734
9	5	99 187	62 583,082	1 199 093,466	19,160	18,693
10	6	99 170	59 451,307	1 136 510,384	19,117	18,650
11	7	99 154	56 476,330	1 077 059,077	19,071	18,604
12	8	99 142	53 652,576	1 020 582,747	19,022	18,555
13	9	99 128	50 969,258	966 930,171	18,971	18,504
14	10	99 112	48 419,243	915 960,914	18,917	18,450
15	11	99 093	45 995,099	867 541,671	18,862	18,395
16	12	99 070	43 690,442	821 546,572	18,804	18,337
17	13	99 037	41 497,577	777 856,130	18,745	18,278
18	14	99 001	39 413,080	736 358,553	18,683	18,216
19	15	98 954	37 429,307	696 945,473	18,620	18,154
20	16	98 902	35 543,820	659 516,166	18,555	18,088
21	17	98 845	33 751,296	623 972,347	18,487	18,021
22	18	98 791	32 050,379	590 221,051	18,415	17,949
23	19	98 727	30 431,855	558 170,672	18,342	17,875
24	20	98 670	28 896,984	527 738,816	18,263	17,796
25	21	98 604	27 437,455	498 841,833	18,181	17,714
26	22	98 545	26 053,128	471 404,378	18,094	17,627
27	23	98 484	24 738,179	445 351,249	18,003	17,536
28	24	98 421	23 489,125	420 613,070	17,907	17,440
29	25	98 355	22 302,624	397 123,945	17,806	17,339
30	26	98 285	21 175,059	374 821,320	17,701	17,234
31	27	98 211	20 103,742	353 646,261	17,591	17,124
32	28	98 130	19 085,071	333 542,519	17,477	17,010
33	29	98 045	18 117,318	314 457,447	17,357	16,890
34	30	97 947	17 196,558	296 340,129	17,233	16,766
35	31	97 841	16 321,021	279 143,572	17,103	16,637
36	32	97 732	15 489,603	262 822,550	16,968	16,501
37	33	97 614	14 699,275	247 332,947	16,826	16,359
38	34	97 484	13 947,346	232 633,672	16,679	16,213
39	35	97 340	13 232,112	218 686,326	16,527	16,060
40	36	97 191	12 552,897	205 454,214	16,367	15,900
41	37	97 027	11 906,519	192 901,317	16,201	15,735
42	38	96 851	11 292,156	180 994,798	16,028	15,562
43	39	96 653	10 706,969	169 702,641	15,850	15,383
44	40	96 447	10 151,123	158 995,672	15,663	15,196
45	41	96 207	9 620,829	148 844,550	15,471	15,004
46	42	95 948	9 116,273	139 223,720	15,272	14,805
47	43	95 663	8 635,807	130 107,448	15,066	14,599
48	44	95 349	8 178,180	121 471,641	14,853	14,386
49	45	95 004	7 742,087	113 293,461	14,633	14,167
50	46	94 612	7 325,595	105 551,374	14,409	13,942
51	47	94 183	6 928,602	98 225,779	14,177	13,710
52	48	93 706	6 549,638	91 297,177	13,939	13,472
53	49	93 169	6 187,288	84 747,539	13,697	13,230
54	50	92 569	5 840,816	78 560,251	13,450	12,983
55	51	91 907	5 509,736	72 719,436	13,198	12,732
56	52	91 167	5 192,802	67 209,699	12,943	12,476
57	53	90 356	4 889,843	62 016,898	12,683	12,216
58	54	89 463	4 600,025	57 127,054	12,419	11,952
59	55	88 477	4 322,399	52 527,030	12,152	11,685
60	56	87 401	4 056,880	48 204,631	11,882	11,415
61	57	86 233	3 802,971	44 147,750	11,609	11,142
62	58	84 965	3 560,148	40 344,779	11,332	10,866
63	59	83 585	3 327,635	36 784,631	11,054	10,587
64	60	82 112	3 105,930	33 456,996	10,772	10,305
65	61	80 515	2 893,595	30 351,066	10,489	10,022
66	62	78 822	2 691,472	27 457,471	10,202	9,735
67	63	77 038	2 499,326	24 765,999	9,909	9,442
68	64	75 141	2 316,184	22 266,673	9,614	9,147
69	65	73 149	2 142,312	19 950,489	9,313	8,846
70	66	71 035	1 976,623	17 808,177	9,009	8,543
71	67	68 842	1 820,053	15 831,554	8,698	8,232
72	68	66 509	1 670,665	14 011,502	8,387	7,920
73	69	64 090	1 529,590	12 340,837	8,068	7,601
74	70	61 528	1 395,206	10 811,247	7,749	7,282
75	71	58 864	1 268,223	9 416,041	7,425	6,958
76	72	56 106	1 148,494	8 147,818	7,094	6,628
77	73	53 220	1 035,079	6 999,324	6,762	6,295
78	74	50 216	927,938	5 964,245	6,427	5,961
79	75	47 078	826,547	5 036,307	6,093	5,626
80	76	43 842	731,344	4 209,760	5,756	5,289
81	77	40 476	641,518	3 478,416	5,422	4,955
82	78	36 963	556,617	2 836,898	5,097	4,630
83	79	33 337	476,967	2 280,281	4,781	4,314
84	80	29 659	403,181	1 803,315	4,473	4,006
85	81	25 949	335,147	1 400,134	4,178	3,711
86	82	22 241	272,930	1 064,986	3,902	3,435
87	83	18 654	217,495	792,056	3,642	3,175
88	84	15 272	169,176	574,561	3,396	2,929
89	85	12 154	127,919	405,384	3,169	2,702
90	86	9 374	93,746	277,466	2,960	2,493
91	87	7 003	66,543	183,719	2,761	2,294
92	88	5 049	45,576	117,177	2,571	2,104
93	89	3 464	29,713	71,600	2,410	1,943
94	90	2 281	18,592	41,888	2,253	1,786
95	91	1 420	10,993	23,295	2,119	1,652
96	92	839	6,172	12,302	1,993	1,526
97	93	462	3,228	6,130	1,899	1,432
98	94	242	1,610	2,902	1,803	1,336
99	95	119	0,753	1,292	1,717	1,250
100	96	55	0,329	0,540	1,639	1,172

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5	0	99 579	77 100,678	1 485 232,240	19,264	18,797
6	1	99 270	73 027,308	1 408 131,563	19,282	18,815
7	2	99 236	69 361,106	1 335 104,255	19,249	18,782
8	3	99 215	65 887,426	1 265 743,148	19,211	18,744
9	4	99 197	62 589,071	1 199 855,722	19,170	18,704
10	5	99 179	59 456,603	1 137 266,651	19,128	18,661
11	6	99 163	56 481,327	1 077 810,048	19,083	18,616
12	7	99 146	53 655,068	1 021 328,721	19,035	18,568
13	8	99 135	50 972,810	967 673,653	18,984	18,517
14	9	99 118	48 422,205	916 700,844	18,931	18,465
15	10	99 099	45 997,790	868 278,639	18,877	18,410
16	11	99 077	43 693,821	822 280,849	18,819	18,352
17	12	99 045	41 500,836	778 587,029	18,761	18,294
18	13	99 010	39 416,794	737 086,193	18,700	18,233
19	14	98 963	37 432,758	697 669,399	18,638	18,171
20	15	98 914	35 548,145	660 236,641	18,573	18,106
21	16	98 860	33 756,266	624 688,496	18,506	18,039
22	17	98 805	32 054,744	590 932,230	18,435	17,968
23	18	98 747	30 437,852	558 877,486	18,361	17,894
24	19	98 687	28 902,035	528 439,634	18,284	17,817
25	20	98 623	27 442,529	499 537,599	18,203	17,736
26	21	98 561	26 057,425	472 095,070	18,117	17,651
27	22	98 500	24 742,208	446 037,645	18,027	17,561
28	23	98 438	23 493,353	421 295,437	17,933	17,466
29	24	98 373	22 306,638	397 802,084	17,833	17,367
30	25	98 304	21 179,088	375 495,446	17,730	17,263
31	26	98 230	20 107,527	354 316,358	17,621	17,154
32	27	98 151	19 089,179	334 208,831	17,508	17,041
33	28	98 068	18 121,588	315 119,652	17,389	16,922
34	29	97 973	17 201,009	296 998,064	17,266	16,800
35	30	97 872	16 326,199	279 797,055	17,138	16,671
36	31	97 763	15 494,468	263 470,856	17,004	16,537
37	32	97 648	14 704,314	247 976,388	16,864	16,397
38	33	97 519	13 952,373	233 272,075	16,719	16,252
39	34	97 380	13 237,486	219 319,702	16,568	16,101
40	35	97 232	12 558,073	206 082,215	16,410	15,944
41	36	97 071	11 911,981	193 524,142	16,246	15,779
42	37	96 897	11 297,519	181 612,161	16,075	15,609
43	38	96 712	10 713,432	170 314,642	15,897	15,431
44	39	96 505	10 157,229	159 601,210	15,713	15,246
45	40	96 273	9 627,431	149 443,982	15,523	15,056
46	41	96 019	9 123,026	139 816,551	15,326	14,859
47	42	95 739	8 642,667	130 693,525	15,122	14,655
48	43	95 436	8 185,613	122 050,858	14,910	14,444
49	44	95 096	7 749,608	113 865,245	14,693	14,226
50	45	94 722	7 334,046	106 115,637	14,469	14,002
51	46	94 298	6 937,048	98 781,591	14,240	13,773
52	47	93 834	6 558,625	91 844,543	14,004	13,537
53	48	93 318	6 197,166	85 285,918	13,762	13,295
54	49	92 731	5 851,044	79 088,752	13,517	13,050
55	50	92 077	5 519,966	73 237,708	13,268	12,801
56	51	91 363	5 203,952	67 717,742	13,013	12,546
57	52	90 567	4 901,278	62 513,790	12,755	12,288
58	53	89 693	4 611,866	57 612,512	12,492	12,025
59	54	88 733	4 334,921	53 000,645	12,226	11,760
60	55	87 686	4 070,090	48 665,724	11,957	11,490
61	56	86 542	3 816,623	44 595,635	11,685	11,218
62	57	85 299	3 574,174	40 779,011	11,409	10,943
63	58	83 950	3 342,172	37 204,837	11,132	10,665
64	59	82 500	3 120,616	33 862,666	10,851	10,384
65	60	80 942	2 908,943	30 742,050	10,568	10,101
66	61	79 273	2 706,863	27 833,107	10,282	9,816
67	62	77 513	2 514,753	25 126,244	9,992	9,525
68	63	75 651	2 331,922	22 611,491	9,697	9,230
69	64	73 700	2 158,441	20 279,569	9,395	8,929
70	65	71 606	1 992,504	18 121,128	9,095	8,628
71	66	69 451	1 836,141	16 128,625	8,784	8,317
72	67	67 146	1 686,658	14 292,483	8,474	8,007
73	68	64 768	1 545,767	12 605,825	8,155	7,688
74	69	62 247	1 411,515	11 060,058	7,836	7,369
75	70	59 616	1 284,405	9 648,542	7,512	7,045
76	71	56 885	1 164,449	8 364,138	7,183	6,716
77	72	54 020	1 050,643	7 199,689	6,853	6,386
78	73	51 054	943,426	6 149,046	6,518	6,051
79	74	47 933	841,563	5 205,620	6,186	5,719
80	75	44 702	745,685	4 364,057	5,852	5,386
81	76	41 368	655,658	3 618,372	5,519	5,052
82	77	37 864	570,185	2 962,715	5,196	4,729
83	78	34 278	490,428	2 392,530	4,878	4,412
84	79	30 621	416,258	1 902,102	4,570	4,103
85	80	26 931	347,830	1 485,844	4,272	3,805
86	81	23 232	285,097	1 138,014	3,992	3,525
87	82	19 623	228,793	852,918	3,728	3,261
88	83	16 190	179,347	624,125	3,480	3,013
89	84	13 001	136,835	444,778	3,250	2,784
90	85	10 147	101,471	307,942	3,035	2,568
91	86	7 672	72,898	206,472	2,832	2,366
92	87	5 609	50,637	133,574	2,638	2,171
93	88	3 911	33,543	82,936	2,473	2,006
94	89	2 621	21,359	49,393	2,313	1,846
95	90	1 665	12,895	28,034	2,174	1,707
96	91	1 008	7,415	15,139	2,042	1,575
97	92	568	3,974	7,725	1,944	1,477
98	93	306	2,035	3,751	1,843	1,377
99	94	155	0,978	1,716	1,756	1,289
100	95	73	0,441	0,739	1,676	1,210

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	73 247,442	1 409 081,449	19,237	18,770
7	1	99 261	69 378,308	1 335 834,008	19,254	18,788
8	2	99 228	65 895,612	1 266 455,700	19,219	18,752
9	3	99 207	62 595,527	1 200 560,088	19,180	18,713
10	4	99 189	59 462,293	1 137 964,561	19,138	18,671
11	5	99 171	56 486,358	1 078 502,268	19,093	18,626
12	6	99 155	53 659,815	1 022 015,910	19,046	18,579
13	7	99 139	50 975,178	968 356,095	18,997	18,530
14	8	99 125	48 425,579	917 380,918	18,944	18,477
15	9	99 105	46 000,604	868 955,338	18,890	18,423
16	10	99 083	43 696,377	822 954,735	18,833	18,367
17	11	99 053	41 504,045	779 258,358	18,775	18,309
18	12	99 018	39 419,889	737 754,313	18,715	18,248
19	13	98 972	37 436,285	698 334,424	18,654	18,187
20	14	98 923	35 551,423	660 898,139	18,590	18,123
21	15	98 872	33 760,374	625 346,716	18,523	18,056
22	16	98 819	32 059,465	591 586,342	18,453	17,986
23	17	98 760	30 441,997	559 526,877	18,380	17,913
24	18	98 706	28 907,731	529 084,880	18,303	17,836
25	19	98 640	27 447,326	500 177,149	18,223	17,756
26	20	98 579	26 062,243	472 729,823	18,138	17,672
27	21	98 516	24 746,288	446 667,580	18,050	17,583
28	22	98 454	23 497,179	421 921,292	17,956	17,489
29	23	98 391	22 310,653	398 424,113	17,858	17,391
30	24	98 322	21 182,900	376 113,460	17,756	17,289
31	25	98 249	20 111,352	354 930,560	17,648	17,181
32	26	98 169	19 092,772	334 819,208	17,536	17,070
33	27	98 089	18 125,488	315 726,435	17,419	16,952
34	28	97 996	17 205,063	297 600,947	17,297	16,830
35	29	97 897	16 330,425	280 395,884	17,170	16,703
36	30	97 794	15 499,383	264 065,459	17,037	16,570
37	31	97 679	14 708,932	248 566,076	16,899	16,432
38	32	97 552	13 957,155	233 857,144	16,755	16,289
39	33	97 415	13 242,258	219 899,988	16,606	16,139
40	34	97 271	12 563,174	206 657,731	16,449	15,983
41	35	97 111	11 916,892	194 094,557	16,287	15,821
42	36	96 942	11 302,701	182 177,665	16,118	15,651
43	37	96 758	10 718,520	170 874,963	15,942	15,475
44	38	96 563	10 163,360	160 156,444	15,758	15,291
45	39	96 331	9 633,222	149 993,084	15,570	15,104
46	40	96 085	9 129,286	140 359,862	15,375	14,908
47	41	95 809	8 649,069	131 230,576	15,173	14,706
48	42	95 512	8 192,116	122 581,507	14,963	14,497
49	43	95 183	7 756,652	114 389,391	14,747	14,280
50	44	94 814	7 341,171	106 632,739	14,525	14,059
51	45	94 407	6 945,051	99 291,569	14,297	13,830
52	46	93 949	6 566,620	92 346,518	14,063	13,596
53	47	93 446	6 205,670	85 779,898	13,823	13,356
54	48	92 879	5 860,385	79 574,228	13,578	13,112
55	49	92 238	5 529,632	73 713,843	13,331	12,864
56	50	91 533	5 213,614	68 184,211	13,078	12,611
57	51	90 761	4 911,802	62 970,596	12,820	12,353
58	52	89 903	4 622,651	58 058,794	12,560	12,093
59	53	88 961	4 346,081	53 436,143	12,295	11,828
60	54	87 940	4 081,881	49 090,063	12,026	11,560
61	55	86 824	3 829,050	45 008,182	11,754	11,288
62	56	85 606	3 587,004	41 179,131	11,480	11,013
63	57	84 281	3 355,338	37 592,127	11,204	10,737
64	58	82 861	3 134,248	34 236,789	10,923	10,457
65	59	81 324	2 922,698	31 102,540	10,642	10,175
66	60	79 693	2 721,220	28 179,842	10,356	9,889
67	61	77 957	2 529,133	25 458,622	10,066	9,599
68	62	76 118	2 346,315	22 929,489	9,773	9,306
69	63	74 200	2 173,107	20 583,174	9,472	9,005
70	64	72 145	2 007,505	18 410,067	9,171	8,704
71	65	70 009	1 850,894	16 402,562	8,862	8,395
72	66	67 739	1 701,567	14 551,668	8,552	8,085
73	67	65 388	1 560,565	12 850,101	8,234	7,767
74	68	62 906	1 426,444	11 289,536	7,914	7,448
75	69	60 312	1 299,419	9 863,092	7,590	7,124
76	70	57 611	1 179,307	8 563,673	7,262	6,795
77	71	54 771	1 065,238	7 384,366	6,932	6,465
78	72	51 822	957,611	6 319,128	6,599	6,132
79	73	48 733	855,609	5 361,516	6,266	5,800
80	74	45 514	759,232	4 505,907	5,935	5,468
81	75	42 179	668,514	3 746,675	5,604	5,138
82	76	38 699	582,753	3 078,161	5,282	4,815
83	77	35 113	502,383	2 495,408	4,967	4,500
84	78	31 485	428,005	1 993,025	4,657	4,190
85	79	27 804	359,111	1 565,020	4,358	3,891
86	80	24 111	295,885	1 205,909	4,076	3,609
87	81	20 498	238,991	910,024	3,808	3,341
88	82	17 031	188,663	671,033	3,557	3,090
89	83	13 782	145,062	482,369	3,325	2,858
90	84	10 854	108,544	337,307	3,108	2,641
91	85	8 305	78,905	228,764	2,899	2,432
92	86	6 145	55,473	149,859	2,701	2,235
93	87	4 345	37,268	94,386	2,533	2,066
94	88	2 959	24,112	57,117	2,369	1,902
95	89	1 913	14,814	33,005	2,228	1,761
96	90	1 182	8,697	18,191	2,092	1,625
97	91	683	4,774	9,494	1,989	1,522
98	92	377	2,505	4,720	1,885	1,418
99	93	196	1,236	2,216	1,793	1,326
100	94	95	0,572	0,980	1,712	1,245

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 560	69 587,442	1 336 712,054	19,209	18,742
8	1	99 252	65 911,954	1 267 124,612	19,225	18,758
9	2	99 219	62 603,303	1 201 212,657	19,188	18,721
10	3	99 199	59 468,426	1 138 609,354	19,146	18,680
11	4	99 181	56 491,764	1 079 140,928	19,103	18,636
12	5	99 164	53 664,595	1 022 649,164	19,056	18,590
13	6	99 148	50 979,687	968 984,569	19,007	18,540
14	7	99 130	48 427,829	918 004,882	18,956	18,489
15	8	99 112	46 003,810	869 577,053	18,902	18,435
16	9	99 089	43 699,050	823 573,243	18,846	18,380
17	10	99 058	41 506,473	779 874,194	18,789	18,322
18	11	99 025	39 422,938	738 367,721	18,729	18,263
19	12	98 980	37 439,225	698 944,783	18,669	18,202
20	13	98 933	35 554,772	661 505,558	18,605	18,138
21	14	98 881	33 763,487	625 950,785	18,539	18,072
22	15	98 832	32 063,366	592 187,298	18,469	18,002
23	16	98 775	30 446,480	560 123,933	18,397	17,930
24	17	98 720	28 911,667	529 677,452	18,321	17,854
25	18	98 659	27 452,735	500 765,785	18,241	17,774
26	19	98 597	26 066,800	473 313,050	18,158	17,691
27	20	98 534	24 750,864	447 246,250	18,070	17,603
28	21	98 471	23 501,054	422 495,386	17,978	17,511
29	22	98 407	22 314,286	398 994,332	17,881	17,414
30	23	98 339	21 186,712	376 680,046	17,779	17,312
31	24	98 266	20 114,972	355 493,334	17,673	17,206
32	25	98 188	19 096,405	335 378,362	17,562	17,096
33	26	98 107	18 128,900	316 281,957	17,446	16,979
34	27	98 017	17 208,766	298 153,057	17,326	16,859
35	28	97 920	16 334,274	280 944,291	17,200	16,733
36	29	97 819	15 503,395	264 610,017	17,068	16,601
37	30	97 709	14 713,598	249 106,622	16,930	16,464
38	31	97 583	13 961,539	234 393,024	16,788	16,322
39	32	97 448	13 246,797	220 431,484	16,640	16,174
40	33	97 306	12 567,702	207 184,688	16,485	16,019
41	34	97 151	11 921,733	194 616,986	16,325	15,858
42	35	96 982	11 307,361	182 695,253	16,157	15,690
43	36	96 802	10 723,436	171 387,892	15,983	15,516
44	37	96 609	10 168,186	160 664,455	15,801	15,334
45	38	96 389	9 639,036	150 496,269	15,613	15,146
46	39	96 142	9 134,777	140 857,233	15,420	14,953
47	40	95 875	8 655,004	131 722,456	15,219	14,752
48	41	95 583	8 198,185	123 067,451	15,012	14,545
49	42	95 258	7 762,814	114 869,267	14,797	14,331
50	43	94 900	7 347,843	107 106,453	14,577	14,110
51	44	94 498	6 951,798	99 758,610	14,350	13,883
52	45	94 057	6 574,195	92 806,812	14,117	13,650
53	46	93 560	6 213,235	86 232,617	13,879	13,412
54	47	93 007	5 868,427	80 019,383	13,636	13,169
55	48	92 386	5 538,461	74 150,956	13,388	12,922
56	49	91 693	5 222,744	68 612,495	13,137	12,670
57	50	90 930	4 920,922	63 389,751	12,882	12,415
58	51	90 096	4 632,577	58 468,829	12,621	12,154
59	52	89 169	4 356,244	53 836,252	12,358	11,892
60	53	88 166	4 092,389	49 480,009	12,091	11,624
61	54	87 075	3 840,143	45 387,620	11,819	11,352
62	55	85 884	3 598,684	41 547,477	11,545	11,078
63	56	84 583	3 367,383	37 948,793	11,270	10,803
64	57	83 187	3 146,596	34 581,409	10,990	10,523
65	58	81 680	2 935,466	31 434,813	10,709	10,242
66	59	80 070	2 734,087	28 499,348	10,424	9,957
67	60	78 370	2 542,547	25 765,260	10,134	9,667
68	61	76 554	2 359,732	23 222,713	9,841	9,374
69	62	74 658	2 186,520	20 862,981	9,542	9,075
70	63	72 635	2 021,146	18 676,460	9,241	8,774
71	64	70 536	1 864,829	16 655,315	8,931	8,464
72	65	68 284	1 715,239	14 790,486	8,623	8,156
73	66	65 966	1 574,360	13 075,247	8,305	7,838
74	67	63 508	1 440,100	11 500,887	7,986	7,519
75	68	60 950	1 313,162	10 060,788	7,661	7,195
76	69	58 285	1 193,093	8 747,626	7,332	6,865
77	70	55 470	1 078,830	7 554,533	7,003	6,536
78	71	52 542	970,915	6 475,703	6,670	6,203
79	72	49 466	868,474	5 504,789	6,338	5,872
80	73	46 273	771,904	4 636,314	6,006	5,540
81	74	42 946	680,659	3 864,411	5,677	5,211
82	75	39 458	594,180	3 183,751	5,358	4,891
83	76	35 887	513,456	2 589,572	5,043	4,577
84	77	32 253	438,439	2 076,116	4,735	4,268
85	78	28 589	369,246	1 637,677	4,435	3,968
86	79	24 893	305,481	1 268,431	4,152	3,685
87	80	21 273	248,035	962,949	3,882	3,416
88	81	17 790	197,073	714,914	3,628	3,161
89	82	14 498	152,597	517,841	3,394	2,927
90	83	11 507	115,069	365,244	3,174	2,707
91	84	8 883	84,405	250,174	2,964	2,497
92	85	6 651	60,044	165,770	2,761	2,294
93	86	4 760	40,827	105,725	2,590	2,123
94	87	3 287	26,790	64,898	2,422	1,956
95	88	2 160	16,724	38,108	2,279	1,812
96	89	1 358	9,991	21,384	2,140	1,673
97	90	801	5,600	11,393	2,035	1,568
98	91	453	3,009	5,794	1,925	1,459
99	92	241	1,521	2,785	1,831	1,364
100	93	121	0,723	1,264	1,746	1,280

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 552	66 110,639	1 267 936,229	19,179	18,712
9	1	99 244	62 618,829	1 201 825,590	19,193	18,726
10	2	99 211	59 475,814	1 139 206,760	19,154	18,687
11	3	99 191	56 497,590	1 079 730,946	19,111	18,644
12	4	99 173	53 669,731	1 023 233,356	19,065	18,599
13	5	99 157	50 984,229	969 563,625	19,017	18,550
14	6	99 139	48 432,113	918 579,396	18,966	18,500
15	7	99 116	46 005,947	870 147,283	18,914	18,447
16	8	99 096	43 702,095	824 141,336	18,858	18,391
17	9	99 065	41 509,012	780 439,241	18,802	18,335
18	10	99 031	39 425,244	738 930,229	18,743	18,276
19	11	98 988	37 442,120	699 504,985	18,682	18,216
20	12	98 940	35 557,565	662 062,865	18,619	18,153
21	13	98 890	33 766,669	626 505,300	18,554	18,087
22	14	98 841	32 066,322	592 738,632	18,485	18,018
23	15	98 787	30 450,185	560 672,309	18,413	17,946
24	16	98 734	28 915,925	530 222,124	18,337	17,870
25	17	98 673	27 456,473	501 306,199	18,258	17,791
26	18	98 616	26 071,936	473 849,726	18,175	17,708
27	19	98 551	24 755,191	447 777,789	18,088	17,621
28	20	98 489	23 505,400	423 022,598	17,997	17,530
29	21	98 423	22 317,966	399 517,199	17,901	17,434
30	22	98 355	21 190,162	377 199,232	17,801	17,334
31	23	98 284	20 118,592	356 009,070	17,696	17,229
32	24	98 206	19 099,842	335 890,478	17,586	17,119
33	25	98 126	18 132,349	316 790,636	17,471	17,004
34	26	98 035	17 212,005	298 658,287	17,352	16,885
35	27	97 942	16 337,789	281 446,281	17,227	16,760
36	28	97 842	15 507,049	265 108,492	17,096	16,629
37	29	97 735	14 717,407	249 601,443	16,960	16,493
38	30	97 614	13 965,968	234 884,036	16,818	16,352
39	31	97 479	13 250,957	220 918,068	16,672	16,205
40	32	97 339	12 572,010	207 667,110	16,518	16,051
41	33	97 186	11 926,030	195 095,101	16,359	15,892
42	34	97 021	11 311,954	183 169,071	16,193	15,726
43	35	96 842	10 727,858	171 857,117	16,020	15,553
44	36	96 653	10 172,850	161 129,259	15,839	15,372
45	37	96 435	9 643,614	150 956,409	15,654	15,187
46	38	96 200	9 140,291	141 312,795	15,460	14,994
47	39	95 933	8 660,210	132 172,504	15,262	14,795
48	40	95 648	8 203,810	123 512,294	15,055	14,589
49	41	95 329	7 768,565	115 308,484	14,843	14,376
50	42	94 975	7 353,680	107 539,919	14,624	14,157
51	43	94 584	6 958,116	100 186,239	14,398	13,932
52	44	94 149	6 580,582	93 228,123	14,167	13,700
53	45	93 668	6 220,402	86 647,541	13,930	13,463
54	46	93 120	5 875,581	80 427,139	13,688	13,222
55	47	92 512	5 546,061	74 551,558	13,442	12,975
56	48	91 839	5 231,082	69 005,498	13,191	12,725
57	49	91 089	4 929,539	63 774,415	12,937	12,470
58	50	90 263	4 641,178	58 844,876	12,679	12,212
59	51	89 361	4 365,598	54 203,698	12,416	11,949
60	52	88 373	4 101,958	49 838,100	12,150	11,683
61	53	87 300	3 850,029	45 736,142	11,879	11,413
62	54	86 133	3 609,109	41 886,113	11,606	11,139
63	55	84 859	3 378,348	38 277,004	11,330	10,863
64	56	83 486	3 157,892	34 898,656	11,051	10,584
65	57	82 001	2 947,030	31 740,764	10,770	10,304
66	58	80 420	2 746,031	28 793,734	10,486	10,019
67	59	78 741	2 554,570	26 047,703	10,197	9,730
68	60	76 960	2 372,248	23 493,133	9,903	9,437
69	61	75 085	2 199,024	21 120,885	9,605	9,138
70	62	73 083	2 033,621	18 921,861	9,305	8,838
71	63	71 015	1 877,500	16 888,240	8,995	8,528
72	64	68 798	1 728,153	15 010,740	8,686	8,219
73	65	66 496	1 587,009	13 282,588	8,370	7,903
74	66	64 069	1 452,829	11 695,579	8,050	7,583
75	67	61 534	1 325,733	10 242,750	7,726	7,259
76	68	58 901	1 205,711	8 917,017	7,396	6,929
77	69	56 118	1 091,441	7 711,306	7,065	6,598
78	70	53 212	983,303	6 619,864	6,732	6,265
79	71	50 153	880,539	5 636,561	6,401	5,934
80	72	46 969	783,510	4 756,022	6,070	5,603
81	73	43 663	692,020	3 972,512	5,740	5,274
82	74	40 174	604,974	3 280,492	5,423	4,956
83	75	36 591	523,524	2 675,518	5,111	4,644
84	76	32 964	448,102	2 151,994	4,802	4,336
85	77	29 286	378,247	1 703,891	4,505	4,038
86	78	25 596	314,103	1 325,644	4,220	3,754
87	79	21 963	256,080	1 011,541	3,950	3,483
88	80	18 463	204,531	755,461	3,694	3,227
89	81	15 144	159,399	550,931	3,456	2,989
90	82	12 104	121,046	391,531	3,235	2,768
91	83	9 417	89,479	270,485	3,023	2,556
92	84	7 115	64,230	181,005	2,818	2,351
93	85	5 152	44,192	116,776	2,642	2,176
94	86	3 601	29,348	72,584	2,473	2,006
95	87	2 400	18,581	43,236	2,327	1,860
96	88	1 533	11,280	24,655	2,186	1,719
97	89	920	6,433	13,376	2,079	1,613
98	90	531	3,530	6,943	1,967	1,500
99	91	290	1,827	3,413	1,868	1,401
100	92	149	0,890	1,586	1,781	1,315

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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8						
9	0	99 543	62 807,588	1 202 575,841	19,147	18,680
10	1	99 236	59 490,564	1 139 768,254	19,159	18,692
11	2	99 204	56 504,610	1 080 277,690	19,118	18,652
12	3	99 184	53 675,266	1 023 773,080	19,073	18,607
13	4	99 166	50 989,108	970 097,814	19,026	18,559
14	5	99 147	48 436,428	919 108,706	18,976	18,509
15	6	99 125	46 010,017	870 672,278	18,924	18,457
16	7	99 101	43 704,125	824 662,261	18,869	18,402
17	8	99 071	41 511,905	780 958,136	18,813	18,346
18	9	99 037	39 427,656	739 446,231	18,755	18,288
19	10	98 993	37 444,311	700 018,575	18,695	18,228
20	11	98 948	35 560,314	662 574,264	18,632	18,166
21	12	98 898	33 769,320	627 013,950	18,568	18,101
22	13	98 850	32 069,344	593 244,630	18,499	18,032
23	14	98 796	30 452,993	561 175,286	18,428	17,961
24	15	98 746	28 919,444	530 722,293	18,352	17,885
25	16	98 687	27 460,517	501 802,849	18,274	17,807
26	17	98 630	26 075,487	474 342,333	18,191	17,724
27	18	98 571	24 760,069	448 266,846	18,104	17,638
28	19	98 506	23 509,509	423 506,777	18,014	17,547
29	20	98 441	22 322,093	399 997,268	17,919	17,453
30	21	98 371	21 193,657	377 675,174	17,820	17,353
31	22	98 300	20 121,868	356 481,517	17,716	17,249
32	23	98 223	19 103,280	336 359,649	17,607	17,141
33	24	98 144	18 135,613	317 256,369	17,494	17,027
34	25	98 054	17 215,280	299 120,757	17,375	16,909
35	26	97 960	16 340,865	281 905,477	17,252	16,785
36	27	97 863	15 510,387	265 564,612	17,122	16,655
37	28	97 758	14 720,876	250 054,225	16,986	16,520
38	29	97 639	13 969,583	235 333,349	16,846	16,379
39	30	97 510	13 255,161	221 363,766	16,700	16,233
40	31	97 370	12 575,958	208 108,605	16,548	16,081
41	32	97 219	11 930,118	195 532,647	16,390	15,923
42	33	97 056	11 316,031	183 602,529	16,225	15,758
43	34	96 881	10 732,215	172 286,498	16,053	15,586
44	35	96 693	10 177,045	161 554,283	15,874	15,408
45	36	96 479	9 648,038	151 377,239	15,690	15,223
46	37	96 246	9 144,632	141 729,201	15,499	15,032
47	38	95 991	8 665,438	132 584,569	15,300	14,834
48	39	95 706	8 208,744	123 919,131	15,096	14,629
49	40	95 394	7 773,895	115 710,387	14,884	14,418
50	41	95 046	7 359,128	107 936,492	14,667	14,200
51	42	94 659	6 963,644	100 577,364	14,443	13,976
52	43	94 234	6 586,563	93 613,720	14,213	13,746
53	44	93 759	6 226,445	87 027,157	13,977	13,510
54	45	93 228	5 882,358	80 800,712	13,736	13,269
55	46	92 625	5 552,821	74 918,354	13,492	13,025
56	47	91 966	5 238,260	69 365,533	13,242	12,775
57	48	91 235	4 937,409	64 127,272	12,988	12,521
58	49	90 421	4 649,305	59 189,863	12,731	12,264
59	50	89 527	4 373,703	54 540,557	12,470	12,003
60	51	88 562	4 110,767	50 166,854	12,204	11,737
61	52	87 504	3 859,032	46 056,088	11,935	11,468
62	53	86 355	3 618,400	42 197,056	11,662	11,195
63	54	85 105	3 388,135	38 578,655	11,386	10,920
64	55	83 757	3 168,174	35 190,521	11,108	10,641
65	56	82 296	2 957,610	32 022,347	10,827	10,360
66	57	80 737	2 756,849	29 064,737	10,543	10,076
67	58	79 085	2 565,730	26 307,888	10,254	9,787
68	59	77 324	2 383,466	23 742,158	9,961	9,494
69	60	75 484	2 210,687	21 358,693	9,662	9,195
70	61	73 501	2 045,250	19 148,006	9,362	8,895
71	62	71 453	1 889,088	17 102,756	9,053	8,587
72	63	69 265	1 739,895	15 213,667	8,744	8,277
73	64	66 996	1 598,957	13 473,772	8,427	7,960
74	65	64 584	1 464,502	11 874,815	8,108	7,642
75	66	62 078	1 337,452	10 410,313	7,784	7,317
76	67	59 465	1 217,254	9 072,861	7,454	6,987
77	68	56 712	1 102,985	7 855,608	7,122	6,655
78	69	53 834	994,797	6 752,623	6,788	6,321
79	70	50 793	891,775	5 757,825	6,457	5,990
80	71	47 622	794,395	4 866,051	6,125	5,659
81	72	44 319	702,425	4 071,656	5,797	5,330
82	73	40 845	615,071	3 369,231	5,478	5,011
83	74	37 256	533,035	2 754,160	5,167	4,700
84	75	33 610	456,889	2 221,124	4,861	4,395
85	76	29 931	386,584	1 764,235	4,564	4,097
86	77	26 220	321,760	1 377,651	4,282	3,815
87	78	22 583	263,307	1 055,891	4,010	3,543
88	79	19 062	211,164	792,584	3,753	3,287
89	80	15 718	165,431	581,420	3,515	3,048
90	81	12 644	126,442	415,989	3,290	2,823
91	82	9 907	94,127	289,547	3,076	2,609
92	83	7 543	68,091	195,419	2,870	2,403
93	84	5 511	47,272	127,328	2,694	2,227
94	85	3 898	31,767	80,056	2,520	2,053
95	86	2 629	20,355	48,290	2,372	1,906
96	87	1 704	12,532	27,934	2,229	1,762
97	88	1 039	7,262	15,402	2,121	1,654
98	89	611	4,055	8,140	2,008	1,541
99	90	340	2,143	4,086	1,906	1,439
100	91	178	1,070	1,942	1,815	1,349

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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3						
4						
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9						
10	0	99 535	59 669,893	1 140 461,858	19,113	18,646
11	1	99 228	56 518,623	1 080 791,965	19,123	18,656
12	2	99 196	53 681,935	1 024 273,342	19,080	18,614
13	3	99 177	50 994,367	970 591,407	19,033	18,567
14	4	99 157	48 441,063	919 597,040	18,984	18,517
15	5	99 134	46 014,116	871 155,977	18,932	18,466
16	6	99 109	43 707,992	825 141,862	18,879	18,412
17	7	99 076	41 513,834	781 433,870	18,823	18,357
18	8	99 044	39 430,403	739 920,036	18,765	18,298
19	9	98 999	37 446,601	700 489,633	18,706	18,240
20	10	98 954	35 562,395	663 043,032	18,644	18,178
21	11	98 905	33 771,932	627 480,637	18,580	18,113
22	12	98 858	32 071,862	593 708,705	18,512	18,045
23	13	98 805	30 455,862	561 636,843	18,441	17,974
24	14	98 755	28 922,110	531 180,981	18,366	17,899
25	15	98 699	27 463,858	502 258,870	18,288	17,821
26	16	98 644	26 079,327	474 795,012	18,206	17,739
27	17	98 584	24 763,441	448 715,685	18,120	17,653
28	18	98 525	23 514,142	423 952,244	18,030	17,563
29	19	98 458	22 325,996	400 438,102	17,936	17,469
30	20	98 390	21 197,576	378 112,107	17,838	17,371
31	21	98 316	20 125,187	356 914,531	17,735	17,268
32	22	98 239	19 106,390	336 789,344	17,627	17,160
33	23	98 161	18 138,877	317 682,953	17,514	17,047
34	24	98 072	17 218,378	299 544,076	17,397	16,930
35	25	97 979	16 343,974	282 325,698	17,274	16,807
36	26	97 881	15 513,307	265 981,724	17,145	16,679
37	27	97 779	14 724,044	250 468,418	17,011	16,544
38	28	97 662	13 972,876	235 744,374	16,872	16,405
39	29	97 535	13 258,592	221 771,498	16,727	16,260
40	30	97 401	12 579,948	208 512,906	16,575	16,108
41	31	97 250	11 933,865	195 932,958	16,418	15,951
42	32	97 089	11 319,910	183 999,094	16,254	15,788
43	33	96 916	10 736,083	172 679,184	16,084	15,617
44	34	96 732	10 181,178	161 943,100	15,906	15,439
45	35	96 519	9 652,015	151 761,922	15,723	15,257
46	36	96 290	9 148,827	142 109,907	15,533	15,066
47	37	96 036	8 669,553	132 961,080	15,337	14,870
48	38	95 763	8 213,699	124 291,528	15,132	14,665
49	39	95 452	7 778,571	116 077,828	14,923	14,456
50	40	95 111	7 364,177	108 299,257	14,706	14,239
51	41	94 730	6 968,802	100 935,080	14,484	14,017
52	42	94 309	6 591,795	93 966,277	14,255	13,788
53	43	93 844	6 232,104	87 374,482	14,020	13,553
54	44	93 318	5 888,073	81 142,378	13,781	13,314
55	45	92 732	5 559,227	75 254,304	13,537	13,070
56	46	92 078	5 244,646	69 695,078	13,289	12,822
57	47	91 360	4 944,184	64 450,432	13,036	12,569
58	48	90 566	4 656,728	59 506,247	12,779	12,312
59	49	89 684	4 381,362	54 849,519	12,519	12,052
60	50	88 727	4 118,399	50 468,157	12,254	11,788
61	51	87 692	3 867,318	46 349,758	11,985	11,518
62	52	86 557	3 626,861	42 482,439	11,713	11,246
63	53	85 324	3 396,857	38 855,578	11,439	10,972
64	54	84 000	3 177,352	35 458,721	11,160	10,693
65	55	82 564	2 967,240	32 281,369	10,879	10,412
66	56	81 027	2 766,746	29 314,129	10,595	10,128
67	57	79 396	2 575,837	26 547,383	10,306	9,840
68	58	77 661	2 393,878	23 971,546	10,014	9,547
69	59	75 841	2 221,141	21 577,668	9,715	9,248
70	60	73 891	2 056,098	19 356,528	9,414	8,947
71	61	71 862	1 899,891	17 300,430	9,106	8,639
72	62	69 693	1 750,634	15 400,539	8,797	8,330
73	63	67 451	1 609,822	13 649,905	8,479	8,012
74	64	65 070	1 475,528	12 040,083	8,160	7,693
75	65	62 577	1 348,197	10 564,555	7,836	7,369
76	66	59 991	1 228,014	9 216,357	7,505	7,038
77	67	57 254	1 113,544	7 988,344	7,174	6,707
78	68	54 404	1 005,319	6 874,800	6,838	6,372
79	69	51 386	902,199	5 869,481	6,506	6,039
80	70	48 229	804,531	4 967,282	6,174	5,707
81	71	44 935	712,183	4 162,751	5,845	5,378
82	72	41 459	624,320	3 450,568	5,527	5,060
83	73	37 877	541,932	2 826,248	5,215	4,748
84	74	34 221	465,190	2 284,316	4,911	4,444
85	75	30 518	394,165	1 819,127	4,615	4,148
86	76	26 798	328,852	1 424,962	4,333	3,866
87	77	23 134	269,725	1 096,111	4,064	3,597
88	78	19 600	217,124	826,385	3,806	3,339
89	79	16 227	170,797	609,261	3,567	3,100
90	80	13 122	131,227	438,465	3,341	2,874
91	81	10 348	98,323	307,238	3,125	2,658
92	82	7 934	71,628	208,915	2,917	2,450
93	83	5 843	50,114	137,287	2,739	2,273
94	84	4 170	33,981	87,173	2,565	2,099
95	85	2 846	22,033	53,192	2,414	1,947
96	86	1 866	13,729	31,159	2,270	1,803
97	87	1 154	8,068	17,430	2,160	1,693
98	88	689	4,577	9,362	2,045	1,578
99	89	390	2,462	4,784	1,943	1,476
100	90	209	1,255	2,322	1,850	1,384

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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10						
11	0	99 527	56 688,993	1 081 433,299	19,077	18,610
12	1	99 220	53 695,248	1 024 744,306	19,084	18,618
13	2	99 189	51 000,702	971 049,058	19,040	18,573
14	3	99 167	48 446,059	920 048,356	18,991	18,524
15	4	99 143	46 018,519	871 602,296	18,940	18,473
16	5	99 118	43 711,886	825 583,777	18,887	18,420
17	6	99 085	41 517,506	781 871,892	18,832	18,366
18	7	99 049	39 432,235	740 354,385	18,775	18,309
19	8	99 006	37 449,211	700 922,150	18,717	18,250
20	9	98 960	35 564,570	663 472,939	18,655	18,189
21	10	98 911	33 773,907	627 908,369	18,592	18,125
22	11	98 865	32 074,342	594 134,462	18,524	18,057
23	12	98 813	30 458,254	562 060,119	18,453	17,987
24	13	98 765	28 924,836	531 601,865	18,379	17,912
25	14	98 708	27 466,391	502 677,030	18,302	17,835
26	15	98 656	26 082,500	475 210,639	18,220	17,753
27	16	98 599	24 767,088	449 128,139	18,134	17,667
28	17	98 539	23 517,344	424 361,051	18,045	17,578
29	18	98 478	22 330,395	400 843,707	17,951	17,484
30	19	98 407	21 201,282	378 513,312	17,853	17,387
31	20	98 334	20 128,908	357 312,030	17,751	17,284
32	21	98 256	19 109,541	337 183,122	17,645	17,178
33	22	98 177	18 141,831	318 073,580	17,533	17,066
34	23	98 089	17 221,478	299 931,750	17,416	16,949
35	24	97 996	16 346,915	282 710,272	17,294	16,828
36	25	97 900	15 516,258	266 363,357	17,167	16,700
37	26	97 797	14 726,816	250 847,099	17,033	16,567
38	27	97 683	13 975,883	236 120,283	16,895	16,428
39	28	97 558	13 261,717	222 144,400	16,751	16,284
40	29	97 426	12 583,204	208 882,683	16,600	16,133
41	30	97 280	11 937,651	196 299,479	16,444	15,977
42	31	97 120	11 323,465	184 361,829	16,281	15,815
43	32	96 949	10 739,763	173 038,363	16,112	15,645
44	33	96 767	10 184,848	162 298,600	15,935	15,469
45	34	96 558	9 655,936	152 113,752	15,753	15,287
46	35	96 330	9 152,599	142 457,816	15,565	15,098
47	36	96 080	8 673,530	133 305,218	15,369	14,902
48	37	95 809	8 217,600	124 631,688	15,166	14,700
49	38	95 509	7 783,266	116 414,088	14,957	14,490
50	39	95 168	7 368,607	108 630,822	14,742	14,276
51	40	94 795	6 973,584	101 262,215	14,521	14,054
52	41	94 379	6 596,678	94 288,630	14,293	13,827
53	42	93 918	6 237,055	87 691,952	14,060	13,593
54	43	93 403	5 893,425	81 454,897	13,821	13,355
55	44	92 822	5 564,628	75 561,472	13,579	13,112
56	45	92 184	5 250,696	69 996,844	13,331	12,864
57	46	91 471	4 950,211	64 746,148	13,079	12,613
58	47	90 690	4 663,118	59 795,937	12,823	12,356
59	48	89 827	4 388,357	55 132,819	12,563	12,097
60	49	88 882	4 125,611	50 744,461	12,300	11,833
61	50	87 854	3 874,499	46 618,851	12,032	11,565
62	51	86 743	3 634,649	42 744,352	11,760	11,293
63	52	85 523	3 404,800	39 109,703	11,487	11,020
64	53	84 216	3 185,532	35 704,902	11,208	10,742
65	54	82 803	2 975,836	32 519,371	10,928	10,461
66	55	81 291	2 775,754	29 543,535	10,643	10,177
67	56	79 681	2 585,084	26 767,780	10,355	9,888
68	57	77 967	2 403,308	24 182,696	10,062	9,595
69	58	76 172	2 230,843	21 779,388	9,763	9,296
70	59	74 240	2 065,820	19 548,544	9,463	8,996
71	60	72 243	1 909,968	17 482,724	9,153	8,687
72	61	70 091	1 760,645	15 572,756	8,845	8,378
73	62	67 868	1 619,758	13 812,111	8,527	8,060
74	63	65 513	1 485,554	12 192,353	8,207	7,740
75	64	63 048	1 358,348	10 706,799	7,882	7,415
76	65	60 473	1 237,880	9 348,451	7,552	7,085
77	66	57 761	1 123,387	8 110,571	7,220	6,753
78	67	54 924	1 014,943	6 987,184	6,884	6,418
79	68	51 930	911,741	5 972,241	6,550	6,084
80	69	48 793	813,936	5 060,500	6,217	5,751
81	70	45 508	721,270	4 246,565	5,888	5,421
82	71	42 035	632,993	3 525,294	5,569	5,102
83	72	38 447	550,080	2 892,301	5,258	4,791
84	73	34 792	472,954	2 342,221	4,952	4,486
85	74	31 072	401,325	1 869,267	4,658	4,191
86	75	27 323	335,300	1 467,942	4,378	3,911
87	76	23 644	275,671	1 132,642	4,109	3,642
88	77	20 078	222,417	856,971	3,853	3,386
89	78	16 685	175,617	634,555	3,613	3,146
90	79	13 548	135,483	458,938	3,387	2,921
91	80	10 740	102,044	323,455	3,170	2,703
92	81	8 288	74,821	221,411	2,959	2,492
93	82	6 146	52,717	146,590	2,781	2,314
94	83	4 420	36,024	93,873	2,606	2,139
95	84	3 044	23,568	57,849	2,455	1,988
96	85	2 020	14,860	34,281	2,307	1,840
97	86	1 265	8,839	19,420	2,197	1,730
98	87	766	5,086	10,581	2,081	1,614
99	88	441	2,780	5,496	1,977	1,510
100	89	240	1,442	2,716	1,884	1,417

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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12	0	99 520	53 857,107	1 025 337,421	19,038	18,571
13	1	99 214	51 013,351	971 480,314	19,044	18,577
14	2	99 179	48 452,078	920 466,963	18,997	18,531
15	3	99 154	46 023,265	872 014,885	18,947	18,480
16	4	99 128	43 716,069	825 991,620	18,894	18,428
17	5	99 094	41 521,205	782 275,551	18,840	18,374
18	6	99 058	39 435,724	740 754,346	18,784	18,317
19	7	99 011	37 450,951	701 318,622	18,726	18,260
20	8	98 967	35 567,049	663 867,671	18,665	18,198
21	9	98 917	33 775,973	628 300,623	18,602	18,135
22	10	98 871	32 076,219	594 524,649	18,535	18,068
23	11	98 820	30 460,610	562 448,431	18,465	17,998
24	12	98 772	28 927,107	531 987,821	18,391	17,924
25	13	98 718	27 468,979	503 060,714	18,314	17,847
26	14	98 665	26 084,905	475 591,735	18,232	17,766
27	15	98 611	24 770,102	449 506,830	18,147	17,680
28	16	98 553	23 520,807	424 736,728	18,058	17,591
29	17	98 491	22 333,436	401 215,921	17,965	17,498
30	18	98 426	21 205,460	378 882,485	17,867	17,400
31	19	98 352	20 132,427	357 677,025	17,766	17,299
32	20	98 274	19 113,075	337 544,598	17,660	17,194
33	21	98 193	18 144,823	318 431,523	17,549	17,083
34	22	98 105	17 224,282	300 286,700	17,434	16,967
35	23	98 014	16 349,857	283 062,418	17,313	16,846
36	24	97 918	15 519,051	266 712,561	17,186	16,719
37	25	97 816	14 729,617	251 193,510	17,054	16,587
38	26	97 701	13 978,514	236 463,893	16,916	16,449
39	27	97 579	13 264,571	222 485,379	16,773	16,306
40	28	97 449	12 586,170	209 220,808	16,623	16,156
41	29	97 306	11 940,740	196 634,638	16,468	16,001
42	30	97 151	11 327,058	184 693,898	16,306	15,839
43	31	96 980	10 743,136	173 366,840	16,137	15,671
44	32	96 800	10 188,339	162 623,703	15,962	15,495
45	33	96 593	9 659,416	152 435,365	15,781	15,314
46	34	96 369	9 156,316	142 775,948	15,593	15,126
47	35	96 120	8 677,106	133 619,632	15,399	14,932
48	36	95 853	8 221,369	124 942,527	15,197	14,730
49	37	95 555	7 786,963	116 721,157	14,989	14,523
50	38	95 225	7 373,055	108 934,195	14,775	14,308
51	39	94 852	6 977,779	101 561,140	14,555	14,088
52	40	94 444	6 601,205	94 583,361	14,328	13,861
53	41	93 988	6 241,675	87 982,156	14,096	13,629
54	42	93 477	5 898,107	81 740,480	13,859	13,392
55	43	92 907	5 569,685	75 842,374	13,617	13,150
56	44	92 273	5 255,797	70 272,689	13,371	12,904
57	45	91 577	4 955,922	65 016,891	13,119	12,652
58	46	90 800	4 668,803	60 060,970	12,864	12,398
59	47	89 950	4 394,379	55 392,167	12,605	12,138
60	48	89 024	4 132,198	50 997,788	12,342	11,875
61	49	88 008	3 881,283	46 865,590	12,075	11,608
62	50	86 904	3 641,398	42 984,307	11,804	11,338
63	51	85 707	3 412,111	39 342,909	11,530	11,064
64	52	84 413	3 192,981	35 930,798	11,253	10,786
65	53	83 016	2 983,496	32 737,817	10,973	10,506
66	54	81 526	2 783,796	29 754,321	10,688	10,222
67	55	79 941	2 593,501	26 970,525	10,399	9,932
68	56	78 247	2 411,936	24 377,023	10,107	9,640
69	57	76 472	2 239,632	21 965,088	9,807	9,341
70	58	74 565	2 074,845	19 725,456	9,507	9,040
71	59	72 585	1 918,999	17 650,611	9,198	8,731
72	60	70 463	1 769,983	15 731,612	8,888	8,421
73	61	68 256	1 629,021	13 961,628	8,571	8,104
74	62	65 917	1 494,723	12 332,608	8,251	7,784
75	63	63 476	1 367,578	10 837,884	7,925	7,458
76	64	60 928	1 247,200	9 470,307	7,593	7,126
77	65	58 225	1 132,413	8 223,107	7,262	6,795
78	66	55 410	1 023,914	7 090,694	6,925	6,458
79	67	52 427	920,469	6 066,780	6,591	6,124
80	68	49 309	822,544	5 146,311	6,257	5,790
81	69	46 040	729,702	4 323,766	5,925	5,459
82	70	42 571	641,070	3 594,065	5,606	5,140
83	71	38 981	557,722	2 952,995	5,295	4,828
84	72	35 315	480,065	2 395,273	4,989	4,523
85	73	31 591	408,024	1 915,208	4,694	4,227
86	74	27 820	341,392	1 507,184	4,415	3,948
87	75	24 107	281,076	1 165,793	4,148	3,681
88	76	20 520	227,319	884,717	3,892	3,425
89	77	17 092	179,898	657,397	3,654	3,187
90	78	13 930	139,307	477,500	3,428	2,961
91	79	11 088	105,353	338,193	3,210	2,743
92	80	8 602	77,652	232,839	2,998	2,532
93	81	6 420	55,067	155,187	2,818	2,351
94	82	4 650	37,895	100,120	2,642	2,175
95	83	3 227	24,985	62,225	2,490	2,024
96	84	2 161	15,896	37,240	2,343	1,876
97	85	1 369	9,567	21,344	2,231	1,764
98	86	839	5,571	11,776	2,114	1,647
99	87	489	3,088	6,205	2,009	1,542
100	88	271	1,627	3,117	1,915	1,448

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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12						
13	0	99 513	51 167,125	972 028,950	18,997	18,530
14	1	99 204	48 464,094	920 861,824	19,001	18,534
15	2	99 166	46 028,983	872 397,730	18,953	18,486
16	3	99 138	43 720,578	826 368,747	18,901	18,434
17	4	99 103	41 525,178	782 648,169	18,848	18,381
18	5	99 066	39 439,237	741 122,991	18,792	18,325
19	6	99 020	37 454,264	701 683,754	18,734	18,268
20	7	98 971	35 568,701	664 229,490	18,675	18,208
21	8	98 924	33 778,327	628 660,789	18,611	18,145
22	9	98 877	32 078,181	594 882,462	18,545	18,078
23	10	98 826	30 462,391	562 804,281	18,475	18,009
24	11	98 780	28 929,344	532 341,889	18,401	17,935
25	12	98 725	27 471,136	503 412,545	18,325	17,858
26	13	98 674	26 087,363	475 941,409	18,244	17,777
27	14	98 620	24 772,386	449 854,046	18,159	17,693
28	15	98 565	23 523,669	425 081,660	18,070	17,604
29	16	98 506	22 336,725	401 557,991	17,977	17,511
30	17	98 440	21 208,348	379 221,266	17,881	17,414
31	18	98 371	20 136,394	358 012,918	17,779	17,313
32	19	98 291	19 116,416	337 876,524	17,675	17,208
33	20	98 212	18 148,178	318 760,107	17,564	17,098
34	21	98 122	17 227,123	300 611,930	17,450	16,983
35	22	98 030	16 352,520	283 384,807	17,330	16,863
36	23	97 935	15 521,844	267 032,287	17,204	16,737
37	24	97 833	14 732,268	251 510,443	17,072	16,605
38	25	97 720	13 981,173	236 778,175	16,936	16,469
39	26	97 597	13 267,068	222 797,002	16,793	16,326
40	27	97 470	12 588,879	209 529,934	16,644	16,177
41	28	97 328	11 943,555	196 941,055	16,489	16,023
42	29	97 176	11 329,989	184 997,500	16,328	15,861
43	30	97 011	10 746,544	173 667,510	16,160	15,694
44	31	96 831	10 191,539	162 920,966	15,986	15,519
45	32	96 626	9 662,727	152 729,427	15,806	15,339
46	33	96 404	9 159,617	143 066,700	15,619	15,152
47	34	96 159	8 680,630	133 907,083	15,426	14,959
48	35	95 892	8 224,759	125 226,453	15,226	14,759
49	36	95 598	7 790,534	117 001,694	15,018	14,552
50	37	95 271	7 376,556	109 211,160	14,805	14,338
51	38	94 909	6 981,991	101 834,603	14,585	14,119
52	39	94 500	6 605,176	94 852,613	14,360	13,894
53	40	94 053	6 245,958	88 247,437	14,129	13,662
54	41	93 547	5 902,476	82 001,479	13,893	13,426
55	42	92 980	5 574,110	76 099,003	13,652	13,185
56	43	92 357	5 260,574	70 524,893	13,406	12,940
57	44	91 666	4 960,737	65 264,319	13,156	12,689
58	45	90 905	4 674,188	60 303,582	12,901	12,435
59	46	90 060	4 399,736	55 629,394	12,644	12,177
60	47	89 146	4 137,868	51 229,658	12,381	11,914
61	48	88 149	3 887,480	47 091,791	12,114	11,647
62	49	87 056	3 647,774	43 204,310	11,844	11,377
63	50	85 866	3 418,446	39 556,536	11,571	11,105
64	51	84 595	3 199,837	36 138,090	11,294	10,827
65	52	83 210	2 990,473	32 938,253	11,014	10,548
66	53	81 736	2 790,962	29 947,779	10,730	10,263
67	54	80 172	2 601,015	27 156,817	10,441	9,974
68	55	78 502	2 419,789	24 555,802	10,148	9,681
69	56	76 746	2 247,672	22 136,013	9,848	9,382
70	57	74 858	2 083,019	19 888,341	9,548	9,081
71	58	72 902	1 927,382	17 805,323	9,238	8,771
72	59	70 796	1 778,353	15 877,940	8,928	8,462
73	60	68 618	1 637,661	14 099,588	8,610	8,143
74	61	66 294	1 503,271	12 461,927	8,290	7,823
75	62	63 868	1 376,019	10 958,656	7,964	7,497
76	63	61 342	1 255,674	9 582,637	7,631	7,165
77	64	58 663	1 140,939	8 326,963	7,298	6,832
78	65	55 855	1 032,141	7 186,024	6,962	6,495
79	66	52 890	928,606	6 153,883	6,627	6,160
80	67	49 781	830,418	5 225,277	6,292	5,826
81	68	46 527	737,419	4 394,859	5,960	5,493
82	69	43 069	648,563	3 657,440	5,639	5,172
83	70	39 478	564,838	3 008,876	5,327	4,860
84	71	35 805	486,734	2 444,038	5,021	4,555
85	72	32 066	414,159	1 957,304	4,726	4,259
86	73	28 284	347,089	1 543,145	4,446	3,979
87	74	24 545	286,182	1 196,055	4,179	3,713
88	75	20 923	231,776	909,873	3,926	3,459
89	76	17 469	183,863	678,097	3,688	3,221
90	77	14 270	142,703	494,233	3,463	2,997
91	78	11 401	108,327	351,531	3,245	2,778
92	79	8 881	80,171	243,204	3,034	2,567
93	80	6 663	57,151	163,033	2,853	2,386
94	81	4 857	39,584	105,883	2,675	2,208
95	82	3 395	26,283	66,298	2,522	2,056
96	83	2 291	16,852	40,015	2,375	1,908
97	84	1 464	10,234	23,163	2,263	1,797
98	85	908	6,031	12,929	2,144	1,677
99	86	536	3,383	6,899	2,039	1,572
100	87	302	1,808	3,515	1,944	1,477

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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13						
14	0	99 503	48 610,185	921 369,423	18,954	18,487
15	1	99 191	46 040,399	872 759,238	18,956	18,490
16	2	99 150	43 726,009	826 718,840	18,907	18,440
17	3	99 113	41 529,461	782 992,830	18,854	18,387
18	4	99 076	39 443,011	741 463,369	18,798	18,332
19	5	99 028	37 457,601	702 020,358	18,742	18,275
20	6	98 980	35 571,848	664 562,757	18,682	18,215
21	7	98 929	33 779,897	628 990,910	18,620	18,153
22	8	98 884	32 080,417	595 211,013	18,554	18,087
23	9	98 832	30 464,255	563 130,597	18,485	18,018
24	10	98 786	28 931,036	532 666,342	18,412	17,945
25	11	98 733	27 473,261	503 735,305	18,335	17,869
26	12	98 682	26 089,412	476 262,045	18,255	17,788
27	13	98 629	24 774,720	450 172,633	18,171	17,704
28	14	98 574	23 525,839	425 397,913	18,082	17,615
29	15	98 517	22 339,443	401 872,074	17,989	17,523
30	16	98 454	21 211,471	379 532,631	17,893	17,426
31	17	98 384	20 139,137	358 321,161	17,792	17,325
32	18	98 310	19 120,183	338 182,024	17,687	17,220
33	19	98 229	18 151,351	319 061,841	17,578	17,111
34	20	98 140	17 230,308	300 910,490	17,464	16,997
35	21	98 046	16 355,217	283 680,182	17,345	16,878
36	22	97 951	15 524,371	267 324,965	17,220	16,753
37	23	97 851	14 734,920	251 800,594	17,089	16,622
38	24	97 738	13 983,689	237 065,674	16,953	16,486
39	25	97 616	13 269,592	223 081,984	16,812	16,345
40	26	97 488	12 591,248	209 812,392	16,663	16,197
41	27	97 349	11 946,125	197 221,143	16,509	16,042
42	28	97 199	11 332,660	185 275,018	16,349	15,882
43	29	97 036	10 749,326	173 942,358	16,182	15,715
44	30	96 861	10 194,772	163 193,032	16,008	15,541
45	31	96 656	9 665,762	152 998,260	15,829	15,362
46	32	96 437	9 162,756	143 332,498	15,643	15,176
47	33	96 194	8 683,759	134 169,742	15,451	14,984
48	34	95 931	8 228,100	125 485,983	15,251	14,784
49	35	95 638	7 793,747	117 257,883	15,045	14,578
50	36	95 314	7 379,940	109 464,137	14,833	14,366
51	37	94 954	6 985,306	102 084,197	14,614	14,147
52	38	94 557	6 609,163	95 098,890	14,389	13,922
53	39	94 109	6 249,715	88 489,728	14,159	13,692
54	40	93 611	5 906,526	82 240,012	13,924	13,457
55	41	93 049	5 578,239	76 333,486	13,684	13,217
56	42	92 431	5 264,753	70 755,247	13,439	12,973
57	43	91 749	4 965,245	65 490,494	13,190	12,723
58	44	90 993	4 678,729	60 525,249	12,936	12,469
59	45	90 164	4 404,811	55 846,519	12,679	12,212
60	46	89 255	4 142,912	51 441,708	12,417	11,950
61	47	88 270	3 892,815	47 298,796	12,150	11,683
62	48	87 195	3 653,598	43 405,982	11,880	11,414
63	49	86 016	3 424,433	39 752,384	11,608	11,142
64	50	84 752	3 205,778	36 327,951	11,332	10,865
65	51	83 389	2 996,895	33 122,173	11,052	10,585
66	52	81 927	2 797,489	30 125,278	10,769	10,302
67	53	80 379	2 607,711	27 327,790	10,480	10,013
68	54	78 729	2 426,799	24 720,079	10,186	9,719
69	55	76 996	2 254,990	22 293,280	9,886	9,419
70	56	75 127	2 090,496	20 038,289	9,585	9,119
71	57	73 189	1 934,975	17 947,793	9,275	8,809
72	58	71 105	1 786,121	16 012,818	8,965	8,498
73	59	68 942	1 645,405	14 226,696	8,646	8,180
74	60	66 645	1 511,244	12 581,291	8,325	7,858
75	61	64 233	1 383,887	11 070,047	7,999	7,532
76	62	61 720	1 263,425	9 686,160	7,667	7,200
77	63	59 062	1 148,691	8 422,735	7,332	6,866
78	64	56 276	1 039,912	7 274,044	6,995	6,528
79	65	53 315	936,067	6 234,132	6,660	6,193
80	66	50 221	837,759	5 298,066	6,324	5,857
81	67	46 972	744,479	4 460,307	5,991	5,524
82	68	43 525	655,423	3 715,828	5,669	5,203
83	69	39 940	571,441	3 060,405	5,356	4,889
84	70	36 262	492,945	2 488,964	5,049	4,582
85	71	32 512	419,912	1 996,019	4,753	4,287
86	72	28 709	352,308	1 576,107	4,474	4,007
87	73	24 955	290,959	1 223,799	4,206	3,739
88	74	21 303	235,987	932,840	3,953	3,486
89	75	17 811	187,468	696,853	3,717	3,250
90	76	14 584	145,848	509,384	3,493	3,026
91	77	11 679	110,967	363,536	3,276	2,809
92	78	9 131	82,433	252,569	3,064	2,597
93	79	6 879	59,004	170,136	2,883	2,417
94	80	5 041	41,082	111,131	2,705	2,238
95	81	3 546	27,455	70,049	2,551	2,085
96	82	2 410	17,727	42,594	2,403	1,936
97	83	1 552	10,850	24,867	2,292	1,825
98	84	971	6,451	14,018	2,173	1,706
99	85	580	3,662	7,567	2,066	1,599
100	86	330	1,981	3,905	1,971	1,504

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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15	0	99 490	46 179,183	873 228,965	18,910	18,443
16	1	99 175	43 736,853	827 049,782	18,910	18,443
17	2	99 126	41 534,621	783 312,929	18,859	18,392
18	3	99 086	39 447,079	741 778,308	18,804	18,338
19	4	99 038	37 461,185	702 331,229	18,748	18,281
20	5	98 989	35 575,017	664 870,044	18,689	18,222
21	6	98 937	33 782,885	629 295,027	18,628	18,161
22	7	98 889	32 081,907	595 512,142	18,562	18,095
23	8	98 839	30 466,378	563 430,235	18,494	18,027
24	9	98 792	28 932,806	532 963,857	18,421	17,954
25	10	98 739	27 474,868	504 031,051	18,345	17,878
26	11	98 690	26 091,429	476 556,183	18,265	17,798
27	12	98 637	24 776,665	450 464,754	18,181	17,714
28	13	98 584	23 528,055	425 688,088	18,093	17,626
29	14	98 527	22 341,503	402 160,033	18,001	17,534
30	15	98 466	21 214,052	379 818,530	17,904	17,437
31	16	98 399	20 142,103	358 604,478	17,804	17,337
32	17	98 324	19 122,787	338 462,376	17,699	17,233
33	18	98 248	18 154,927	319 339,588	17,590	17,123
34	19	98 157	17 233,320	301 184,661	17,477	17,010
35	20	98 064	16 358,241	283 951,341	17,358	16,892
36	21	97 967	15 526,932	267 593,100	17,234	16,767
37	22	97 867	14 737,319	252 066,168	17,104	16,637
38	23	97 755	13 986,207	237 328,848	16,969	16,502
39	24	97 633	13 271,980	223 342,642	16,828	16,361
40	25	97 507	12 593,644	210 070,662	16,681	16,214
41	26	97 368	11 948,374	197 477,017	16,528	16,061
42	27	97 220	11 335,099	185 528,643	16,368	15,901
43	28	97 059	10 751,860	174 193,544	16,201	15,734
44	29	96 886	10 197,411	163 441,685	16,028	15,561
45	30	96 687	9 668,828	153 244,274	15,849	15,383
46	31	96 467	9 165,634	143 575,445	15,665	15,198
47	32	96 227	8 686,735	134 409,811	15,473	15,006
48	33	95 966	8 231,066	125 723,076	15,274	14,807
49	34	95 677	7 796,912	117 492,010	15,069	14,602
50	35	95 354	7 382,983	109 695,098	14,858	14,391
51	36	94 997	6 988,511	102 312,116	14,640	14,173
52	37	94 602	6 612,301	95 323,605	14,416	13,949
53	38	94 166	6 253,488	88 711,304	14,186	13,719
54	39	93 667	5 910,079	82 457,816	13,952	13,485
55	40	93 113	5 582,067	76 547,737	13,713	13,246
56	41	92 499	5 268,653	70 965,671	13,469	13,003
57	42	91 822	4 969,190	65 697,017	13,221	12,754
58	43	91 076	4 682,982	60 727,828	12,968	12,501
59	44	90 251	4 409,090	56 044,846	12,711	12,244
60	45	89 358	4 147,691	51 635,755	12,449	11,982
61	46	88 377	3 897,560	47 488,064	12,184	11,717
62	47	87 315	3 658,612	43 590,504	11,914	11,448
63	48	86 154	3 429,900	39 931,893	11,642	11,175
64	49	84 900	3 211,392	36 501,993	11,366	10,900
65	50	83 544	3 002,459	33 290,601	11,088	10,621
66	51	82 103	2 803,496	30 288,142	10,804	10,337
67	52	80 567	2 613,809	27 484,647	10,515	10,048
68	53	78 932	2 433,047	24 870,838	10,222	9,755
69	54	77 219	2 261,523	22 437,791	9,922	9,455
70	55	75 372	2 097,303	20 176,268	9,620	9,153
71	56	73 452	1 941,922	18 078,965	9,310	8,843
72	57	71 386	1 793,158	16 137,044	8,999	8,532
73	58	69 244	1 652,593	14 343,886	8,680	8,213
74	59	66 961	1 518,390	12 691,293	8,358	7,892
75	60	64 574	1 391,227	11 172,903	8,031	7,564
76	61	62 073	1 270,649	9 781,676	7,698	7,231
77	62	59 426	1 155,781	8 511,026	7,364	6,897
78	63	56 658	1 046,978	7 355,245	7,025	6,558
79	64	53 717	943,114	6 308,267	6,689	6,222
80	65	50 625	844,490	5 365,153	6,353	5,886
81	66	47 388	751,060	4 520,663	6,019	5,552
82	67	43 941	661,697	3 769,603	5,697	5,230
83	68	40 362	577,485	3 107,906	5,382	4,915
84	69	36 686	498,707	2 530,421	5,074	4,607
85	70	32 926	425,270	2 031,714	4,777	4,311
86	71	29 108	357,203	1 606,444	4,497	4,030
87	72	25 330	295,334	1 249,241	4,230	3,763
88	73	21 658	239,926	953,907	3,976	3,509
89	74	18 135	190,874	713,982	3,741	3,274
90	75	14 870	148,708	523,107	3,518	3,051
91	76	11 936	113,413	374,400	3,301	2,834
92	77	9 354	84,443	260,986	3,091	2,624
93	78	7 073	60,670	176,544	2,910	2,443
94	79	5 205	42,415	115,874	2,732	2,265
95	80	3 680	28,494	73,459	2,578	2,111
96	81	2 517	18,517	44,965	2,428	1,962
97	82	1 633	11,413	26,448	2,317	1,851
98	83	1 030	6,839	15,035	2,199	1,732
99	84	621	3,917	8,196	2,092	1,626
100	85	358	2,144	4,279	1,996	1,529

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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16	0	99 474	43 868,694	827 484,553	18,863	18,396
17	1	99 150	41 544,921	783 615,859	18,862	18,395
18	2	99 098	39 451,980	742 070,937	18,809	18,343
19	3	99 048	37 465,049	702 618,957	18,754	18,287
20	4	98 999	35 578,421	665 153,908	18,695	18,229
21	5	98 946	33 785,895	629 575,487	18,634	18,167
22	6	98 897	32 084,745	595 789,593	18,569	18,102
23	7	98 844	30 467,793	563 704,848	18,502	18,035
24	8	98 799	28 934,823	533 237,054	18,429	17,962
25	9	98 745	27 476,548	504 302,232	18,354	17,887
26	10	98 696	26 092,956	476 825,683	18,274	17,807
27	11	98 645	24 778,582	450 732,727	18,190	17,724
28	12	98 591	23 529,903	425 954,146	18,103	17,636
29	13	98 536	22 343,608	402 424,243	18,011	17,544
30	14	98 475	21 216,008	380 080,635	17,915	17,448
31	15	98 411	20 144,553	358 864,627	17,814	17,348
32	16	98 338	19 125,603	338 720,073	17,710	17,244
33	17	98 261	18 157,400	319 594,470	17,601	17,135
34	18	98 176	17 236,716	301 437,070	17,488	17,021
35	19	98 081	16 361,101	284 200,354	17,370	16,904
36	20	97 985	15 529,803	267 839,253	17,247	16,780
37	21	97 883	14 739,750	252 309,450	17,118	16,651
38	22	97 771	13 988,484	237 569,700	16,983	16,516
39	23	97 651	13 274,369	223 581,216	16,843	16,376
40	24	97 525	12 595,911	210 306,847	16,696	16,230
41	25	97 386	11 950,647	197 710,936	16,544	16,077
42	26	97 238	11 337,233	185 760,289	16,385	15,918
43	27	97 080	10 754,174	174 423,056	16,219	15,752
44	28	96 909	10 199,814	163 668,883	16,046	15,579
45	29	96 712	9 671,331	153 469,068	15,868	15,402
46	30	96 498	9 168,542	143 797,737	15,684	15,217
47	31	96 257	8 689,464	134 629,196	15,493	15,027
48	32	95 999	8 233,887	125 939,732	15,295	14,829
49	33	95 711	7 799,723	117 705,845	15,091	14,624
50	34	95 392	7 385,981	109 906,122	14,880	14,414
51	35	95 037	6 991,392	102 520,141	14,664	14,197
52	36	94 646	6 615,334	95 528,749	14,441	13,974
53	37	94 211	6 256,457	88 913,415	14,211	13,745
54	38	93 724	5 913,646	82 656,957	13,977	13,511
55	39	93 169	5 585,424	76 743,311	13,740	13,273
56	40	92 563	5 272,268	71 157,887	13,497	13,030
57	41	91 890	4 972,871	65 885,618	13,249	12,782
58	42	91 148	4 686,702	60 912,747	12,997	12,530
59	43	90 333	4 413,098	56 226,045	12,741	12,274
60	44	89 445	4 151,720	51 812,947	12,480	12,013
61	45	88 479	3 902,056	47 661,227	12,214	11,748
62	46	87 421	3 663,072	43 759,171	11,946	11,479
63	47	86 272	3 434,606	40 096,099	11,674	11,207
64	48	85 036	3 216,519	36 661,493	11,398	10,931
65	49	83 690	3 007,716	33 444,974	11,120	10,653
66	50	82 255	2 808,701	30 437,257	10,837	10,370
67	51	80 740	2 619,421	27 628,557	10,548	10,081
68	52	79 117	2 438,736	25 009,136	10,255	9,788
69	53	77 418	2 267,345	22 570,399	9,955	9,488
70	54	75 590	2 103,379	20 303,054	9,653	9,186
71	55	73 691	1 948,245	18 199,675	9,342	8,875
72	56	71 642	1 799,595	16 251,431	9,031	8,564
73	57	69 516	1 659,103	14 451,836	8,711	8,244
74	58	67 253	1 525,023	12 792,733	8,389	7,922
75	59	64 879	1 397,806	11 267,710	8,061	7,594
76	60	62 403	1 277,389	9 869,904	7,727	7,260
77	61	59 766	1 162,390	8 592,515	7,392	6,925
78	62	57 008	1 053,440	7 430,124	7,053	6,586
79	63	54 082	949,522	6 376,684	6,716	6,249
80	64	51 006	850,848	5 427,162	6,379	5,912
81	65	47 768	757,094	4 576,314	6,045	5,578
82	66	44 330	667,546	3 819,220	5,721	5,254
83	67	40 749	583,013	3 151,674	5,406	4,939
84	68	37 074	503,982	2 568,660	5,097	4,630
85	69	33 311	430,242	2 064,679	4,799	4,332
86	70	29 480	361,760	1 634,437	4,518	4,051
87	71	25 682	299,437	1 272,677	4,250	3,783
88	72	21 984	243,534	973,240	3,996	3,530
89	73	18 438	194,060	729,707	3,760	3,293
90	74	15 141	151,409	535,647	3,538	3,071
91	75	12 171	115,637	384,237	3,323	2,856
92	76	9 560	86,304	268,600	3,112	2,645
93	77	7 246	62,149	182,296	2,933	2,466
94	78	5 352	43,612	120,148	2,755	2,288
95	79	3 799	29,418	76,536	2,602	2,135
96	80	2 612	19,218	47,118	2,452	1,985
97	81	1 706	11,922	27,900	2,340	1,873
98	82	1 083	7,194	15,978	2,221	1,754
99	83	658	4,153	8,784	2,115	1,648
100	84	383	2,293	4,632	2,019	1,553

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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17	0	99 449	41 670,155	784 018,347	18,815	18,348
18	1	99 123	39 461,764	742 348,192	18,812	18,345
19	2	99 060	37 469,704	702 886,428	18,759	18,292
20	3	99 009	35 582,091	665 416,724	18,701	18,234
21	4	98 956	33 789,128	629 834,634	18,640	18,173
22	5	98 906	32 087,603	596 045,506	18,576	18,109
23	6	98 853	30 470,489	563 957,903	18,508	18,042
24	7	98 803	28 936,167	533 487,414	18,437	17,970
25	8	98 752	27 478,463	504 551,247	18,362	17,895
26	9	98 702	26 094,552	477 072,784	18,282	17,816
27	10	98 650	24 780,031	450 978,232	18,199	17,732
28	11	98 599	23 531,723	426 198,201	18,112	17,645
29	12	98 544	22 345,363	402 666,478	18,020	17,553
30	13	98 484	21 218,007	380 321,115	17,924	17,458
31	14	98 420	20 146,411	359 103,108	17,825	17,358
32	15	98 350	19 127,931	338 956,697	17,721	17,254
33	16	98 276	18 160,074	319 828,767	17,612	17,145
34	17	98 190	17 239,064	301 668,693	17,499	17,032
35	18	98 101	16 364,325	284 429,629	17,381	16,914
36	19	98 003	15 532,518	268 065,304	17,258	16,792
37	20	97 901	14 742,476	252 532,787	17,130	16,663
38	21	97 787	13 990,791	237 790,311	16,996	16,529
39	22	97 667	13 276,531	223 799,520	16,857	16,390
40	23	97 542	12 598,178	210 522,989	16,711	16,244
41	24	97 404	11 952,798	197 924,811	16,559	16,092
42	25	97 256	11 339,390	185 972,013	16,401	15,934
43	26	97 098	10 756,198	174 632,624	16,236	15,769
44	27	96 930	10 202,010	163 876,425	16,063	15,596
45	28	96 735	9 673,611	153 674,416	15,886	15,419
46	29	96 523	9 170,915	144 000,805	15,702	15,235
47	30	96 287	8 692,220	134 829,891	15,512	15,045
48	31	96 029	8 236,473	126 137,670	15,315	14,848
49	32	95 744	7 802,396	117 901,197	15,111	14,644
50	33	95 427	7 388,644	110 098,801	14,901	14,434
51	34	95 075	6 994,232	102 710,157	14,685	14,218
52	35	94 685	6 618,062	95 715,926	14,463	13,996
53	36	94 254	6 259,327	89 097,864	14,234	13,768
54	37	93 768	5 916,455	82 838,537	14,001	13,535
55	38	93 225	5 588,796	76 922,082	13,764	13,297
56	39	92 618	5 275,440	71 333,286	13,522	13,055
57	40	91 953	4 976,283	66 057,847	13,275	12,808
58	41	91 216	4 690,174	61 081,564	13,023	12,557
59	42	90 405	4 416,604	56 391,390	12,768	12,301
60	43	89 526	4 155,494	51 974,786	12,507	12,041
61	44	88 565	3 905,847	47 819,292	12,243	11,776
62	45	87 522	3 667,297	43 913,445	11,974	11,508
63	46	86 377	3 438,793	40 246,148	11,704	11,237
64	47	85 152	3 220,933	36 807,355	11,428	10,961
65	48	83 824	3 012,519	33 586,422	11,149	10,682
66	49	82 399	2 813,619	30 573,903	10,866	10,400
67	50	80 889	2 624,284	27 760,284	10,578	10,111
68	51	79 287	2 443,973	25 136,000	10,285	9,818
69	52	77 599	2 272,647	22 692,027	9,985	9,518
70	53	75 785	2 108,794	20 419,380	9,683	9,216
71	54	73 904	1 953,889	18 310,586	9,371	8,905
72	55	71 875	1 805,455	16 356,698	9,060	8,593
73	56	69 766	1 665,059	14 551,243	8,739	8,272
74	57	67 518	1 531,031	12 886,184	8,417	7,950
75	58	65 163	1 403,912	11 355,153	8,088	7,621
76	59	62 698	1 283,429	9 951,241	7,754	7,287
77	60	60 083	1 168,556	8 667,812	7,418	6,951
78	61	57 334	1 059,464	7 499,256	7,078	6,612
79	62	54 416	955,383	6 439,792	6,741	6,274
80	63	51 352	856,629	5 484,409	6,402	5,936
81	64	48 128	762,794	4 627,779	6,067	5,600
82	65	44 686	672,910	3 864,985	5,744	5,277
83	66	41 109	588,167	3 192,076	5,427	4,960
84	67	37 429	508,806	2 603,909	5,118	4,651
85	68	33 664	434,792	2 095,103	4,819	4,352
86	69	29 824	365,989	1 660,311	4,537	4,070
87	70	26 010	303,257	1 294,322	4,268	3,801
88	71	22 289	246,917	991,064	4,014	3,547
89	72	18 715	196,978	744,148	3,778	3,311
90	73	15 393	153,937	547,170	3,555	3,088
91	74	12 392	117,738	393,233	3,340	2,873
92	75	9 748	87,996	275,495	3,131	2,664
93	76	7 406	63,518	187,499	2,952	2,485
94	77	5 482	44,675	123,981	2,775	2,308
95	78	3 907	30,248	79,306	2,622	2,155
96	79	2 697	19,841	49,058	2,473	2,006
97	80	1 770	12,373	29,216	2,361	1,895
98	81	1 132	7,515	16,843	2,241	1,775
99	82	692	4,369	9,329	2,135	1,669
100	83	406	2,431	4,960	2,040	1,573

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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18	0	99 422	39 580,718	742 720,867	18,765	18,298
19	1	99 085	37 478,996	703 140,149	18,761	18,294
20	2	99 021	35 586,511	665 661,153	18,705	18,239
21	3	98 966	33 792,613	630 074,642	18,645	18,179
22	4	98 916	32 090,674	596 282,029	18,581	18,114
23	5	98 861	30 473,203	564 191,355	18,514	18,048
24	6	98 812	28 938,727	533 718,151	18,443	17,976
25	7	98 756	27 479,740	504 779,425	18,369	17,902
26	8	98 709	26 096,371	477 299,685	18,290	17,823
27	9	98 656	24 781,547	451 203,314	18,207	17,740
28	10	98 605	23 533,099	426 421,767	18,120	17,653
29	11	98 551	22 347,091	402 888,668	18,029	17,562
30	12	98 492	21 219,673	380 541,577	17,933	17,467
31	13	98 429	20 148,309	359 321,904	17,834	17,367
32	14	98 359	19 129,694	339 173,595	17,730	17,263
33	15	98 288	18 162,284	320 043,900	17,621	17,155
34	16	98 204	17 241,602	301 881,617	17,509	17,042
35	17	98 114	16 366,553	284 640,014	17,392	16,925
36	18	98 022	15 535,579	268 273,461	17,268	16,802
37	19	97 918	14 745,053	252 737,882	17,141	16,674
38	20	97 805	13 993,378	237 992,829	17,008	16,541
39	21	97 683	13 278,721	223 999,451	16,869	16,402
40	22	97 558	12 600,229	210 720,731	16,724	16,257
41	23	97 421	11 954,950	198 120,502	16,572	16,105
42	24	97 274	11 341,430	186 165,552	16,415	15,948
43	25	97 116	10 758,245	174 824,122	16,250	15,783
44	26	96 948	10 203,930	164 065,877	16,079	15,612
45	27	96 756	9 675,693	153 861,947	15,902	15,435
46	28	96 545	9 173,076	144 186,254	15,718	15,252
47	29	96 312	8 694,470	135 013,178	15,529	15,062
48	30	96 059	8 239,086	126 318,708	15,332	14,865
49	31	95 774	7 804,847	118 079,622	15,129	14,662
50	32	95 459	7 391,176	110 274,775	14,920	14,453
51	33	95 109	6 996,753	102 883,599	14,704	14,238
52	34	94 723	6 620,750	95 886,846	14,483	14,016
53	35	94 293	6 261,908	89 266,097	14,255	13,789
54	36	93 811	5 919,168	83 004,189	14,023	13,556
55	37	93 270	5 591,450	77 085,020	13,786	13,319
56	38	92 674	5 278,624	71 493,570	13,544	13,077
57	39	92 008	4 979,276	66 214,946	13,298	12,831
58	40	91 279	4 693,392	61 235,670	13,047	12,580
59	41	90 472	4 419,875	56 542,277	12,793	12,326
60	42	89 597	4 158,795	52 122,402	12,533	12,066
61	43	88 646	3 909,397	47 963,607	12,269	11,802
62	44	87 607	3 670,860	44 054,210	12,001	11,534
63	45	86 477	3 442,760	40 383,350	11,730	11,263
64	46	85 256	3 224,859	36 940,590	11,455	10,988
65	47	83 939	3 016,652	33 715,731	11,177	10,710
66	48	82 531	2 818,111	30 699,079	10,893	10,427
67	49	81 031	2 628,880	27 880,967	10,606	10,139
68	50	79 434	2 448,510	25 252,087	10,313	9,846
69	51	77 766	2 277,527	22 803,577	10,012	9,546
70	52	75 962	2 113,725	20 526,050	9,711	9,244
71	53	74 094	1 958,919	18 412,325	9,399	8,932
72	54	72 083	1 810,685	16 453,406	9,087	8,620
73	55	69 993	1 670,480	14 642,721	8,766	8,299
74	56	67 760	1 536,527	12 972,241	8,443	7,976
75	57	65 419	1 409,443	11 435,714	8,114	7,647
76	58	62 972	1 289,036	10 026,271	7,778	7,311
77	59	60 367	1 174,081	8 737,235	7,442	6,975
78	60	57 638	1 065,083	7 563,154	7,101	6,634
79	61	54 727	960,846	6 498,070	6,763	6,296
80	62	51 669	861,917	5 537,224	6,424	5,958
81	63	48 455	767,977	4 675,307	6,088	5,621
82	64	45 022	677,976	3 907,330	5,763	5,296
83	65	41 439	592,892	3 229,354	5,447	4,980
84	66	37 760	513,304	2 636,462	5,136	4,669
85	67	33 986	438,954	2 123,158	4,837	4,370
86	68	30 140	369,860	1 684,204	4,554	4,087
87	69	26 314	306,802	1 314,344	4,284	3,817
88	70	22 574	250,067	1 007,541	4,029	3,562
89	71	18 975	199,714	757,474	3,793	3,326
90	72	15 625	156,251	557,760	3,570	3,103
91	73	12 598	119,703	401,509	3,354	2,887
92	74	9 925	89,595	281,806	3,145	2,679
93	75	7 551	64,764	192,211	2,968	2,501
94	76	5 603	45,660	127,447	2,791	2,324
95	77	4 002	30,985	81,787	2,640	2,173
96	78	2 773	20,401	50,802	2,490	2,023
97	79	1 828	12,774	30,401	2,380	1,913
98	80	1 174	7,799	17,626	2,260	1,793
99	81	723	4,563	9,827	2,154	1,687
100	82	427	2,558	5,264	2,058	1,591

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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19	0	99 384	37 591,973	703 485,274	18,714	18,247
20	1	99 046	35 595,337	665 893,301	18,707	18,241
21	2	98 978	33 796,811	630 297,965	18,650	18,183
22	3	98 926	32 093,984	596 501,153	18,586	18,119
23	4	98 871	30 476,119	564 407,169	18,520	18,053
24	5	98 821	28 941,305	533 931,050	18,449	17,982
25	6	98 765	27 482,171	504 989,745	18,375	17,908
26	7	98 713	26 097,583	477 507,574	18,297	17,830
27	8	98 663	24 783,274	451 409,991	18,214	17,748
28	9	98 611	23 534,539	426 626,717	18,128	17,661
29	10	98 557	22 348,398	403 092,179	18,037	17,570
30	11	98 500	21 221,314	380 743,781	17,942	17,475
31	12	98 437	20 149,892	359 522,466	17,842	17,376
32	13	98 369	19 131,497	339 372,575	17,739	17,272
33	14	98 297	18 163,958	320 241,078	17,631	17,164
34	15	98 216	17 243,700	302 077,119	17,518	17,051
35	16	98 128	16 368,964	284 833,419	17,401	16,934
36	17	98 035	15 537,694	268 464,455	17,278	16,811
37	18	97 938	14 747,958	252 926,761	17,150	16,683
38	19	97 822	13 995,824	238 178,803	17,018	16,551
39	20	97 701	13 281,176	224 182,978	16,880	16,413
40	21	97 574	12 602,307	210 901,802	16,735	16,268
41	22	97 437	11 956,896	198 299,495	16,585	16,118
42	23	97 291	11 343,472	186 342,599	16,427	15,961
43	24	97 134	10 760,181	174 999,127	16,264	15,797
44	25	96 967	10 205,871	164 238,946	16,093	15,626
45	26	96 774	9 677,514	154 033,075	15,917	15,450
46	27	96 566	9 175,051	144 355,561	15,733	15,267
47	28	96 335	8 696,519	135 180,510	15,544	15,077
48	29	96 084	8 241,218	126 483,991	15,348	14,881
49	30	95 804	7 807,323	118 242,772	15,145	14,678
50	31	95 489	7 393,498	110 435,450	14,937	14,470
51	32	95 142	6 999,151	103 041,952	14,722	14,255
52	33	94 757	6 623,136	96 042,801	14,501	14,034
53	34	94 331	6 264,451	89 419,665	14,274	13,807
54	35	93 850	5 921,609	83 155,213	14,043	13,576
55	36	93 312	5 594,015	77 233,604	13,806	13,340
56	37	92 718	5 281,131	71 639,590	13,565	13,098
57	38	92 064	4 982,282	66 358,459	13,319	12,852
58	39	91 333	4 696,215	61 376,177	13,069	12,602
59	40	90 534	4 422,908	56 679,961	12,815	12,348
60	41	89 663	4 161,876	52 257,053	12,556	12,089
61	42	88 716	3 912,503	48 095,177	12,293	11,826
62	43	87 687	3 674,196	44 182,675	12,025	11,558
63	44	86 561	3 446,105	40 508,479	11,755	11,288
64	45	85 354	3 228,579	37 062,374	11,479	11,013
65	46	84 041	3 020,330	33 833,795	11,202	10,735
66	47	82 644	2 821,978	30 813,465	10,919	10,452
67	48	81 160	2 633,077	27 991,487	10,631	10,164
68	49	79 573	2 452,798	25 358,409	10,339	9,872
69	50	77 910	2 281,756	22 905,611	10,039	9,572
70	51	76 125	2 118,264	20 623,856	9,736	9,269
71	52	74 268	1 963,499	18 505,592	9,425	8,958
72	53	72 269	1 815,346	16 542,093	9,112	8,646
73	54	70 196	1 675,320	14 726,746	8,790	8,324
74	55	67 981	1 541,530	13 051,426	8,467	8,000
75	56	65 654	1 414,503	11 509,896	8,137	7,670
76	57	63 220	1 294,114	10 095,394	7,801	7,334
77	58	60 631	1 179,210	8 801,280	7,464	6,997
78	59	57 910	1 070,120	7 622,070	7,123	6,656
79	60	55 017	965,943	6 551,950	6,783	6,316
80	61	51 965	866,845	5 586,007	6,444	5,977
81	62	48 754	772,717	4 719,162	6,107	5,640
82	63	45 328	682,583	3 946,444	5,782	5,315
83	64	41 751	597,356	3 263,862	5,464	4,997
84	65	38 063	517,428	2 666,505	5,153	4,687
85	66	34 286	442,834	2 149,078	4,853	4,386
86	67	30 428	373,401	1 706,243	4,569	4,103
87	68	26 592	310,047	1 332,842	4,299	3,832
88	69	22 838	252,990	1 022,795	4,043	3,576
89	70	19 217	202,263	769,805	3,806	3,339
90	71	15 842	158,422	567,542	3,582	3,116
91	72	12 788	121,503	409,120	3,367	2,900
92	73	10 090	91,090	287,618	3,157	2,691
93	74	7 688	65,940	196,527	2,980	2,514
94	75	5 713	46,555	130,587	2,805	2,338
95	76	4 090	31,668	84,032	2,653	2,187
96	77	2 841	20,898	52,364	2,506	2,039
97	78	1 879	13,135	31,465	2,396	1,929
98	79	1 212	8,052	18,330	2,277	1,810
99	80	751	4,736	10,278	2,170	1,703
100	81	446	2,672	5,542	2,074	1,608

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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20	0	99 344	35 702,635	666 212,976	18,660	18,193
21	1	99 003	33 805,193	630 510,340	18,651	18,184
22	2	98 938	32 097,971	596 705,147	18,590	18,123
23	3	98 881	30 479,263	564 607,176	18,524	18,058
24	4	98 830	28 944,074	534 127,913	18,454	17,987
25	5	98 774	27 484,619	505 183,839	18,381	17,914
26	6	98 722	26 099,892	477 699,220	18,303	17,836
27	7	98 668	24 784,425	451 599,328	18,221	17,754
28	8	98 618	23 536,179	426 814,903	18,134	17,668
29	9	98 563	22 349,765	403 278,724	18,044	17,577
30	10	98 506	21 222,556	380 928,959	17,949	17,482
31	11	98 445	20 151,450	359 706,403	17,850	17,383
32	12	98 376	19 132,999	339 554,953	17,747	17,280
33	13	98 306	18 165,670	320 421,954	17,639	17,172
34	14	98 225	17 245,290	302 256,284	17,527	17,060
35	15	98 140	16 370,955	285 010,993	17,410	16,943
36	16	98 050	15 539,982	268 640,038	17,287	16,820
37	17	97 951	14 749,967	253 100,055	17,159	16,693
38	18	97 842	13 998,582	238 350,088	17,027	16,560
39	19	97 718	13 283,498	224 351,506	16,889	16,423
40	20	97 592	12 604,638	211 068,008	16,745	16,278
41	21	97 453	11 958,868	198 463,371	16,595	16,129
42	22	97 307	11 345,319	186 504,502	16,439	15,972
43	23	97 151	10 762,118	175 159,183	16,276	15,809
44	24	96 984	10 207,708	164 397,066	16,105	15,638
45	25	96 792	9 679,355	154 189,358	15,930	15,463
46	26	96 584	9 176,778	144 510,003	15,747	15,281
47	27	96 356	8 698,391	135 333,225	15,558	15,092
48	28	96 107	8 243,161	126 634,834	15,362	14,896
49	29	95 829	7 809,343	118 391,673	15,160	14,693
50	30	95 520	7 395,843	110 582,330	14,952	14,485
51	31	95 172	7 001,349	103 186,486	14,738	14,271
52	32	94 790	6 625,406	96 185,137	14,518	14,051
53	33	94 365	6 266,709	89 559,731	14,291	13,825
54	34	93 888	5 924,014	83 293,021	14,060	13,593
55	35	93 351	5 596,321	77 369,007	13,825	13,358
56	36	92 761	5 283,553	71 772,686	13,584	13,117
57	37	92 107	4 984,648	66 489,133	13,339	12,872
58	38	91 389	4 699,050	61 504,485	13,089	12,622
59	39	90 589	4 425,569	56 805,435	12,836	12,369
60	40	89 725	4 164,732	52 379,866	12,577	12,110
61	41	88 782	3 915,401	48 215,134	12,314	11,847
62	42	87 756	3 677,115	44 299,733	12,047	11,581
63	43	86 639	3 449,237	40 622,618	11,777	11,310
64	44	85 437	3 231,716	37 173,381	11,503	11,036
65	45	84 138	3 023,814	33 941,666	11,225	10,758
66	46	82 745	2 825,418	30 917,852	10,943	10,476
67	47	81 272	2 636,690	28 092,434	10,654	10,188
68	48	79 700	2 456,714	25 455,743	10,362	9,895
69	49	78 047	2 285,751	22 999,029	10,062	9,595
70	50	76 266	2 122,197	20 713,278	9,760	9,294
71	51	74 427	1 967,716	18 591,081	9,448	8,981
72	52	72 438	1 819,591	16 623,366	9,136	8,669
73	53	70 377	1 679,633	14 803,774	8,814	8,347
74	54	68 178	1 545,996	13 124,142	8,489	8,022
75	55	65 868	1 419,108	11 578,146	8,159	7,692
76	56	63 447	1 298,760	10 159,037	7,822	7,355
77	57	60 870	1 183,856	8 860,278	7,484	7,017
78	58	58 163	1 074,795	7 676,422	7,142	6,675
79	59	55 277	970,510	6 601,627	6,802	6,335
80	60	52 241	871,443	5 631,117	6,462	5,995
81	61	49 033	777,136	4 759,674	6,125	5,658
82	62	45 608	686,796	3 982,538	5,799	5,332
83	63	42 035	601,415	3 295,742	5,480	5,013
84	64	38 350	521,324	2 694,327	5,168	4,701
85	65	34 562	446,392	2 173,004	4,868	4,401
86	66	30 697	376,701	1 726,611	4,584	4,117
87	67	26 847	313,015	1 349,910	4,313	3,846
88	68	23 079	255,666	1 036,895	4,056	3,589
89	69	19 442	204,627	781,228	3,818	3,351
90	70	16 044	160,443	576,601	3,594	3,127
91	71	12 966	123,191	416,158	3,378	2,911
92	72	10 242	92,460	292,968	3,169	2,702
93	73	7 816	67,041	200,507	2,991	2,524
94	74	5 817	47,401	133,466	2,816	2,349
95	75	4 170	32,289	86,066	2,665	2,199
96	76	2 903	21,359	53,776	2,518	2,051
97	77	1 925	13,455	32,417	2,409	1,943
98	78	1 247	8,279	18,962	2,290	1,824
99	79	775	4,890	10,683	2,185	1,718
100	80	463	2,773	5,794	2,089	1,623

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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21	0	99 301	33 907,095	630 806,497	18,604	18,137
22	1	98 963	32 105,932	596 899,401	18,592	18,125
23	2	98 893	30 483,050	564 793,470	18,528	18,061
24	3	98 841	28 947,060	534 310,420	18,458	17,991
25	4	98 783	27 487,249	505 363,360	18,385	17,919
26	5	98 731	26 102,217	477 876,111	18,308	17,841
27	6	98 677	24 786,618	451 773,894	18,227	17,760
28	7	98 622	23 537,272	426 987,276	18,141	17,674
29	8	98 570	22 351,323	403 450,004	18,050	17,584
30	9	98 512	21 223,854	381 098,681	17,956	17,489
31	10	98 450	20 152,629	359 874,827	17,857	17,391
32	11	98 384	19 134,479	339 722,198	17,754	17,288
33	12	98 314	18 167,096	320 587,719	17,647	17,180
34	13	98 234	17 246,915	302 420,623	17,535	17,068
35	14	98 149	16 372,465	285 173,708	17,418	16,951
36	15	98 062	15 541,873	268 801,243	17,295	16,828
37	16	97 965	14 752,139	253 259,369	17,168	16,701
38	17	97 855	14 000,489	238 507,230	17,036	16,569
39	18	97 737	13 286,115	224 506,741	16,898	16,431
40	19	97 609	12 606,841	211 220,626	16,754	16,288
41	20	97 471	11 961,080	198 613,785	16,605	16,138
42	21	97 323	11 347,190	186 652,705	16,449	15,982
43	22	97 167	10 763,870	175 305,515	16,286	15,820
44	23	97 002	10 209,545	164 541,645	16,116	15,650
45	24	96 810	9 681,097	154 332,100	15,942	15,475
46	25	96 603	9 178,524	144 651,003	15,760	15,293
47	26	96 374	8 700,029	135 472,479	15,571	15,105
48	27	96 128	8 244,935	126 772,450	15,376	14,909
49	28	95 852	7 811,184	118 527,515	15,174	14,707
50	29	95 544	7 397,758	110 716,331	14,966	14,499
51	30	95 202	7 003,570	103 318,574	14,752	14,285
52	31	94 820	6 627,487	96 315,003	14,533	14,066
53	32	94 397	6 268,857	89 687,516	14,307	13,840
54	33	93 922	5 926,149	83 418,659	14,076	13,610
55	34	93 389	5 598,594	77 492,509	13,841	13,375
56	35	92 799	5 285,732	71 893,915	13,602	13,135
57	36	92 150	4 986,934	66 608,183	13,357	12,890
58	37	91 432	4 701,282	61 621,249	13,107	12,641
59	38	90 643	4 428,240	56 919,967	12,854	12,387
60	39	89 779	4 167,237	52 491,727	12,596	12,129
61	40	88 843	3 918,088	48 324,491	12,334	11,867
62	41	87 821	3 679,839	44 406,403	12,067	11,601
63	42	86 708	3 451,977	40 726,564	11,798	11,331
64	43	85 515	3 234,653	37 274,587	11,524	11,057
65	44	84 220	3 026,751	34 039,934	11,246	10,780
66	45	82 840	2 828,678	31 013,182	10,964	10,497
67	46	81 371	2 639,904	28 184,505	10,676	10,210
68	47	79 809	2 460,085	25 544,600	10,384	9,917
69	48	78 171	2 289,401	23 084,515	10,083	9,616
70	49	76 400	2 125,913	20 795,114	9,782	9,315
71	50	74 565	1 971,369	18 669,202	9,470	9,003
72	51	72 593	1 823,499	16 697,833	9,157	8,690
73	52	70 541	1 683,560	14 874,334	8,835	8,368
74	53	68 353	1 549,976	13 190,774	8,510	8,044
75	54	66 059	1 423,219	11 640,798	8,179	7,712
76	55	63 653	1 302,988	10 217,578	7,842	7,375
77	56	61 088	1 188,105	8 914,590	7,503	7,036
78	57	58 393	1 079,029	7 726,484	7,161	6,694
79	58	55 519	974,750	6 647,456	6,820	6,353
80	59	52 488	875,564	5 672,706	6,479	6,012
81	60	49 293	781,258	4 797,142	6,140	5,673
82	61	45 869	690,723	4 015,884	5,814	5,347
83	62	42 294	605,127	3 325,161	5,495	5,028
84	63	38 610	524,866	2 720,034	5,182	4,716
85	64	34 822	449,753	2 195,168	4,881	4,414
86	65	30 944	379,728	1 745,415	4,596	4,130
87	66	27 084	315,782	1 365,687	4,325	3,858
88	67	23 300	258,114	1 049,904	4,068	3,601
89	68	19 647	206,791	791,791	3,829	3,362
90	69	16 231	162,319	585,000	3,604	3,137
91	70	13 131	124,763	422,681	3,388	2,921
92	71	10 384	93,745	297,918	3,178	2,711
93	72	7 934	68,049	204,174	3,000	2,534
94	73	5 914	48,192	136,125	2,825	2,358
95	74	4 246	32,876	87,933	2,675	2,208
96	75	2 960	21,778	55,057	2,528	2,061
97	76	1 967	13,752	33,279	2,420	1,953
98	77	1 277	8,481	19,528	2,303	1,836
99	78	797	5,028	11,047	2,197	1,730
100	79	478	2,863	6,019	2,103	1,636

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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22	0	99 261	32 202,712	597 173,830	18,544	18,077
23	1	98 918	30 490,609	564 971,118	18,529	18,063
24	2	98 853	28 950,656	534 480,508	18,462	17,995
25	3	98 794	27 490,084	505 529,852	18,390	17,923
26	4	98 740	26 104,715	478 039,768	18,312	17,846
27	5	98 685	24 788,826	451 935,053	18,231	17,765
28	6	98 631	23 539,355	427 146,227	18,146	17,679
29	7	98 574	22 352,361	403 606,872	18,057	17,590
30	8	98 518	21 225,333	381 254,511	17,962	17,495
31	9	98 456	20 153,862	360 029,178	17,864	17,397
32	10	98 390	19 135,598	339 875,317	17,761	17,295
33	11	98 322	18 168,501	320 739,718	17,654	17,187
34	12	98 242	17 248,270	302 571,217	17,542	17,075
35	13	98 159	16 374,008	285 322,947	17,425	16,959
36	14	98 071	15 543,307	268 948,940	17,303	16,836
37	15	97 977	14 753,934	253 405,633	17,175	16,709
38	16	97 869	14 002,551	238 651,699	17,043	16,577
39	17	97 751	13 287,925	224 649,148	16,906	16,439
40	18	97 628	12 609,325	211 361,224	16,762	16,295
41	19	97 488	11 963,171	198 751,898	16,614	16,147
42	20	97 341	11 349,288	186 788,727	16,458	15,991
43	21	97 183	10 765,645	175 439,439	16,296	15,829
44	22	97 017	10 211,208	164 673,794	16,127	15,660
45	23	96 827	9 682,840	154 462,586	15,952	15,485
46	24	96 620	9 180,176	144 779,746	15,771	15,304
47	25	96 392	8 701,684	135 599,571	15,583	15,116
48	26	96 146	8 246,487	126 897,887	15,388	14,921
49	27	95 872	7 812,865	118 651,400	15,187	14,720
50	28	95 567	7 399,501	110 838,535	14,979	14,512
51	29	95 227	7 005,383	103 439,034	14,766	14,299
52	30	94 850	6 629,590	96 433,650	14,546	14,079
53	31	94 427	6 270,826	89 804,061	14,321	13,854
54	32	93 954	5 928,181	83 533,234	14,091	13,624
55	33	93 422	5 600,612	77 605,054	13,857	13,390
56	34	92 837	5 287,879	72 004,441	13,617	13,150
57	35	92 188	4 988,991	66 716,563	13,373	12,906
58	36	91 474	4 703,438	61 727,572	13,124	12,657
59	37	90 686	4 430,343	57 024,134	12,871	12,404
60	38	89 833	4 169,752	52 593,791	12,613	12,146
61	39	88 896	3 920,444	48 424,039	12,352	11,885
62	40	87 881	3 682,364	44 503,595	12,086	11,619
63	41	86 772	3 454,534	40 821,231	11,817	11,350
64	42	85 583	3 237,223	37 366,696	11,543	11,076
65	43	84 296	3 029,502	34 129,474	11,266	10,799
66	44	82 921	2 831,426	31 099,971	10,984	10,517
67	45	81 465	2 642,950	28 268,546	10,696	10,229
68	46	79 907	2 463,084	25 625,596	10,404	9,937
69	47	78 279	2 292,542	23 162,512	10,103	9,637
70	48	76 522	2 129,307	20 869,970	9,801	9,335
71	49	74 696	1 974,821	18 740,662	9,490	9,023
72	50	72 728	1 826,884	16 765,841	9,177	8,710
73	51	70 693	1 687,175	14 938,957	8,854	8,388
74	52	68 513	1 553,600	13 251,782	8,530	8,063
75	53	66 229	1 426,883	11 698,181	8,198	7,732
76	54	63 838	1 306,763	10 271,298	7,860	7,393
77	55	61 287	1 191,974	8 964,535	7,521	7,054
78	56	58 602	1 082,902	7 772,561	7,178	6,711
79	57	55 737	978,590	6 689,659	6,836	6,369
80	58	52 717	879,389	5 711,069	6,494	6,028
81	59	49 526	784,952	4 831,680	6,155	5,689
82	60	46 112	694,387	4 046,728	5,828	5,361
83	61	42 536	608,588	3 352,341	5,508	5,042
84	62	38 849	528,106	2 743,754	5,195	4,729
85	63	35 059	452,809	2 215,648	4,893	4,426
86	64	31 177	382,587	1 762,839	4,608	4,141
87	65	27 301	318,319	1 380,252	4,336	3,869
88	66	23 506	260,395	1 061,933	4,078	3,611
89	67	19 835	208,771	801,537	3,839	3,373
90	68	16 403	164,035	592,767	3,614	3,147
91	69	13 284	126,221	428,731	3,397	2,930
92	70	10 517	94,941	302,510	3,186	2,720
93	71	8 044	68,994	207,570	3,008	2,542
94	72	6 003	48,917	138,575	2,833	2,366
95	73	4 317	33,425	89,659	2,682	2,216
96	74	3 014	22,174	56,234	2,536	2,069
97	75	2 006	14,021	34,060	2,429	1,962
98	76	1 305	8,668	20,039	2,312	1,845
99	77	816	5,150	11,371	2,208	1,741
100	78	491	2,943	6,221	2,114	1,647

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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23	0	99 216	30 582,520	565 225,464	18,482	18,015
24	1	98 877	28 957,836	534 642,944	18,463	17,996
25	2	98 806	27 493,500	505 685,108	18,393	17,926
26	3	98 750	26 107,407	478 191,608	18,316	17,850
27	4	98 695	24 791,198	452 084,201	18,236	17,769
28	5	98 640	23 541,452	427 293,003	18,151	17,684
29	6	98 583	22 354,339	403 751,551	18,061	17,595
30	7	98 523	21 226,319	381 397,212	17,968	17,501
31	8	98 463	20 155,266	360 170,893	17,870	17,403
32	9	98 396	19 136,769	340 015,627	17,768	17,301
33	10	98 327	18 169,564	320 878,858	17,660	17,193
34	11	98 250	17 249,604	302 709,294	17,549	17,082
35	12	98 166	16 375,294	285 459,691	17,432	16,966
36	13	98 080	15 544,771	269 084,397	17,310	16,843
37	14	97 986	14 755,295	253 539,626	17,183	16,716
38	15	97 881	14 004,254	238 784,331	17,051	16,584
39	16	97 765	13 289,882	224 780,077	16,914	16,447
40	17	97 642	12 611,043	211 490,195	16,770	16,303
41	18	97 508	11 965,528	198 879,153	16,621	16,154
42	19	97 358	11 351,272	186 913,624	16,466	16,000
43	20	97 201	10 767,636	175 562,352	16,305	15,838
44	21	97 033	10 212,892	164 794,716	16,136	15,669
45	22	96 843	9 684,416	154 581,824	15,962	15,495
46	23	96 638	9 181,828	144 897,408	15,781	15,314
47	24	96 410	8 703,250	135 715,580	15,594	15,127
48	25	96 164	8 248,056	127 012,330	15,399	14,932
49	26	95 890	7 814,336	118 764,274	15,198	14,731
50	27	95 588	7 401,094	110 949,938	14,991	14,524
51	28	95 249	7 007,034	103 548,844	14,778	14,311
52	29	94 874	6 631,306	96 541,810	14,558	14,092
53	30	94 457	6 272,816	89 910,504	14,333	13,867
54	31	93 983	5 930,043	83 637,689	14,104	13,637
55	32	93 454	5 602,532	77 707,646	13,870	13,403
56	33	92 870	5 289,785	72 105,114	13,631	13,164
57	34	92 225	4 991,017	66 815,329	13,387	12,920
58	35	91 512	4 705,377	61 824,312	13,139	12,672
59	36	90 728	4 432,375	57 118,935	12,887	12,420
60	37	89 876	4 171,732	52 686,560	12,629	12,163
61	38	88 950	3 922,811	48 514,828	12,367	11,901
62	39	87 934	3 684,579	44 592,017	12,102	11,636
63	40	86 832	3 456,905	40 907,438	11,834	11,367
64	41	85 646	3 239,621	37 450,533	11,560	11,093
65	42	84 363	3 031,909	34 210,912	11,284	10,817
66	43	82 996	2 833,999	31 179,003	11,002	10,535
67	44	81 544	2 645,517	28 345,004	10,714	10,248
68	45	79 999	2 465,926	25 699,487	10,422	9,955
69	46	78 374	2 295,337	23 233,561	10,122	9,655
70	47	76 627	2 132,229	20 938,225	9,820	9,353
71	48	74 815	1 977,974	18 805,996	9,508	9,041
72	49	72 856	1 830,083	16 828,022	9,195	8,728
73	50	70 824	1 690,308	14 997,938	8,873	8,406
74	51	68 660	1 556,936	13 307,630	8,547	8,081
75	52	66 384	1 430,220	11 750,694	8,216	7,749
76	53	64 002	1 310,127	10 320,474	7,877	7,411
77	54	61 465	1 195,427	9 010,347	7,537	7,071
78	55	58 793	1 086,428	7 814,920	7,193	6,726
79	56	55 938	982,103	6 728,492	6,851	6,384
80	57	52 925	882,853	5 746,389	6,509	6,042
81	58	49 742	788,381	4 863,536	6,169	5,702
82	59	46 330	697,670	4 075,154	5,841	5,374
83	60	42 762	611,816	3 377,484	5,520	5,054
84	61	39 071	531,125	2 765,669	5,207	4,740
85	62	35 275	455,604	2 234,543	4,905	4,438
86	63	31 389	385,187	1 778,939	4,618	4,152
87	64	27 507	320,716	1 393,753	4,346	3,879
88	65	23 695	262,487	1 073,037	4,088	3,621
89	66	20 011	210,616	810,549	3,848	3,382
90	67	16 560	165,606	599,933	3,623	3,156
91	68	13 425	127,556	434,327	3,405	2,938
92	69	10 640	96,050	306,771	3,194	2,727
93	70	8 147	69,875	210,721	3,016	2,549
94	71	6 086	49,596	140,846	2,840	2,373
95	72	4 382	33,927	91,250	2,690	2,223
96	73	3 064	22,544	57,323	2,543	2,076
97	74	2 042	14,276	34,779	2,436	1,969
98	75	1 331	8,838	20,503	2,320	1,853
99	76	834	5,264	11,665	2,216	1,749
100	77	503	3,015	6,402	2,123	1,656

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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24	0	99 175	29 045,126	534 878,737	18,415	17,949
25	1	98 830	27 500,318	505 833,611	18,394	17,927
26	2	98 763	26 110,651	478 333,293	18,319	17,853
27	3	98 705	24 793,755	452 222,642	18,239	17,773
28	4	98 649	23 543,704	427 428,887	18,155	17,688
29	5	98 592	22 356,330	403 885,182	18,066	17,599
30	6	98 532	21 228,197	381 528,852	17,973	17,506
31	7	98 468	20 156,202	360 300,655	17,875	17,409
32	8	98 403	19 138,103	340 144,453	17,773	17,306
33	9	98 333	18 170,676	321 006,350	17,666	17,199
34	10	98 255	17 250,613	302 835,674	17,555	17,088
35	11	98 174	16 376,560	285 585,062	17,439	16,972
36	12	98 088	15 545,992	269 208,502	17,317	16,850
37	13	97 996	14 756,685	253 662,510	17,190	16,723
38	14	97 890	14 005,546	238 905,825	17,058	16,591
39	15	97 777	13 291,499	224 900,279	16,921	16,454
40	16	97 656	12 612,900	211 608,780	16,777	16,310
41	17	97 521	11 967,158	198 995,881	16,629	16,162
42	18	97 377	11 353,509	187 028,723	16,473	16,006
43	19	97 218	10 769,518	175 675,214	16,312	15,845
44	20	97 051	10 214,781	164 905,695	16,144	15,677
45	21	96 859	9 686,014	154 690,915	15,971	15,504
46	22	96 653	9 183,323	145 004,901	15,790	15,323
47	23	96 427	8 704,816	135 821,578	15,603	15,136
48	24	96 181	8 249,540	127 116,762	15,409	14,942
49	25	95 909	7 815,823	118 867,221	15,209	14,742
50	26	95 605	7 402,487	111 051,399	15,002	14,535
51	27	95 270	7 008,542	103 648,912	14,789	14,322
52	28	94 897	6 632,869	96 640,370	14,570	14,103
53	29	94 481	6 274,439	90 007,501	14,345	13,878
54	30	94 013	5 931,924	83 733,061	14,116	13,649
55	31	93 484	5 604,292	77 801,138	13,882	13,416
56	32	92 902	5 291,598	72 196,846	13,644	13,177
57	33	92 258	4 992,816	66 905,248	13,400	12,934
58	34	91 549	4 707,288	61 912,432	13,152	12,686
59	35	90 765	4 434,203	57 205,144	12,901	12,434
60	36	89 917	4 173,646	52 770,941	12,644	12,177
61	37	88 992	3 924,674	48 597,295	12,383	11,916
62	38	87 987	3 686,803	44 672,622	12,117	11,650
63	39	86 884	3 458,984	40 985,819	11,849	11,382
64	40	85 705	3 241,844	37 526,835	11,576	11,109
65	41	84 426	3 034,155	34 284,991	11,300	10,833
66	42	83 062	2 836,250	31 250,836	11,018	10,552
67	43	81 618	2 647,922	28 414,585	10,731	10,264
68	44	80 076	2 468,321	25 766,663	10,439	9,972
69	45	78 464	2 297,985	23 298,342	10,139	9,672
70	46	76 720	2 134,828	21 000,358	9,837	9,370
71	47	74 918	1 980,688	18 865,530	9,525	9,058
72	48	72 972	1 833,005	16 884,841	9,212	8,745
73	49	70 948	1 693,268	15 051,836	8,889	8,422
74	50	68 788	1 559,827	13 358,568	8,564	8,097
75	51	66 526	1 433,291	11 798,741	8,232	7,765
76	52	64 152	1 313,191	10 365,450	7,893	7,427
77	53	61 623	1 198,505	9 052,259	7,553	7,086
78	54	58 963	1 089,576	7 853,755	7,208	6,741
79	55	56 120	985,301	6 764,179	6,865	6,398
80	56	53 114	886,022	5 778,879	6,522	6,055
81	57	49 938	791,487	4 892,856	6,182	5,715
82	58	46 532	700,718	4 101,369	5,853	5,386
83	59	42 964	614,709	3 400,651	5,532	5,065
84	60	39 278	533,943	2 785,943	5,218	4,751
85	61	35 477	458,209	2 252,000	4,915	4,448
86	62	31 582	387,564	1 793,791	4,628	4,162
87	63	27 694	322,895	1 406,227	4,355	3,888
88	64	23 873	264,464	1 083,332	4,096	3,630
89	65	20 171	212,308	818,868	3,857	3,390
90	66	16 707	167,070	606,560	3,631	3,164
91	67	13 553	128,777	439,490	3,413	2,946
92	68	10 752	97,066	310,713	3,201	2,734
93	69	8 242	70,692	213,647	3,022	2,555
94	70	6 164	50,229	142,955	2,846	2,379
95	71	4 443	34,398	92,726	2,696	2,229
96	72	3 110	22,883	58,328	2,549	2,082
97	73	2 077	14,514	35,445	2,442	1,975
98	74	1 355	8,998	20,931	2,326	1,859
99	75	851	5,367	11,932	2,223	1,757
100	76	514	3,082	6,565	2,130	1,664

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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24						
25	0	99 128	27 583,215	506 052,256	18,346	17,880
26	1	98 787	26 117,126	478 469,040	18,320	17,853
27	2	98 717	24 796,836	452 351,914	18,242	17,776
28	3	98 659	23 546,133	427 555,078	18,158	17,691
29	4	98 601	22 358,470	404 008,946	18,070	17,603
30	5	98 541	21 230,088	381 650,476	17,977	17,510
31	6	98 476	20 157,986	360 420,388	17,880	17,413
32	7	98 407	19 138,992	340 262,402	17,778	17,312
33	8	98 340	18 171,942	321 123,411	17,671	17,205
34	9	98 261	17 251,668	302 951,469	17,561	17,094
35	10	98 180	16 377,518	285 699,801	17,445	16,978
36	11	98 095	15 547,194	269 322,283	17,323	16,856
37	12	98 003	14 757,844	253 775,089	17,196	16,729
38	13	97 900	14 006,865	239 017,245	17,064	16,597
39	14	97 786	13 292,724	225 010,379	16,927	16,461
40	15	97 668	12 614,435	211 717,655	16,784	16,317
41	16	97 535	11 968,920	199 103,220	16,635	16,168
42	17	97 391	11 355,055	187 134,301	16,480	16,013
43	18	97 237	10 771,641	175 779,245	16,319	15,852
44	19	97 068	10 216,566	165 007,605	16,151	15,684
45	20	96 877	9 687,805	154 791,038	15,978	15,511
46	21	96 669	9 184,838	145 103,234	15,798	15,331
47	22	96 443	8 706,234	135 918,396	15,612	15,145
48	23	96 199	8 251,025	127 212,162	15,418	14,951
49	24	95 926	7 817,229	118 961,137	15,218	14,751
50	25	95 624	7 403,895	111 143,908	15,012	14,545
51	26	95 288	7 009,862	103 740,012	14,799	14,332
52	27	94 917	6 634,296	96 730,151	14,580	14,114
53	28	94 504	6 275,918	90 095,854	14,356	13,889
54	29	94 038	5 933,459	83 819,936	14,127	13,660
55	30	93 513	5 606,070	77 886,477	13,893	13,426
56	31	92 931	5 293,260	72 280,407	13,655	13,188
57	32	92 290	4 994,527	66 987,148	13,412	12,945
58	33	91 582	4 708,985	61 992,620	13,165	12,698
59	34	90 802	4 436,004	57 283,635	12,913	12,447
60	35	89 954	4 175,367	52 847,632	12,657	12,190
61	36	89 033	3 926,474	48 672,265	12,396	11,929
62	37	88 029	3 688,554	44 745,791	12,131	11,664
63	38	86 937	3 461,072	41 057,237	11,863	11,396
64	39	85 757	3 243,794	37 596,165	11,590	11,123
65	40	84 484	3 036,237	34 352,371	11,314	10,847
66	41	83 124	2 838,352	31 316,134	11,033	10,566
67	42	81 683	2 650,025	28 477,783	10,746	10,279
68	43	80 149	2 470,565	25 827,757	10,454	9,987
69	44	78 541	2 300,217	23 357,193	10,154	9,688
70	45	76 809	2 137,291	21 056,976	9,852	9,385
71	46	75 009	1 983,103	18 919,685	9,540	9,074
72	47	73 072	1 835,520	16 936,582	9,227	8,760
73	48	71 061	1 695,971	15 101,062	8,904	8,437
74	49	68 908	1 562,559	13 405,091	8,579	8,112
75	50	66 650	1 435,952	11 842,532	8,247	7,780
76	51	64 289	1 316,011	10 406,580	7,908	7,441
77	52	61 767	1 201,307	9 090,569	7,567	7,100
78	53	59 115	1 092,381	7 889,262	7,222	6,755
79	54	56 282	988,155	6 796,882	6,878	6,412
80	55	53 287	888,907	5 808,726	6,535	6,068
81	56	50 118	794,328	4 919,819	6,194	5,727
82	57	46 716	703,478	4 125,491	5,864	5,398
83	58	43 152	617,394	3 422,012	5,543	5,076
84	59	39 464	536,467	2 804,619	5,228	4,761
85	60	35 665	460,640	2 268,151	4,924	4,457
86	61	31 763	389,780	1 807,512	4,637	4,170
87	62	27 865	324,888	1 417,731	4,364	3,897
88	63	24 035	266,261	1 092,843	4,104	3,638
89	64	20 323	213,907	826,583	3,864	3,397
90	65	16 841	168,412	612,676	3,638	3,171
91	66	13 673	129,915	444,264	3,420	2,953
92	67	10 855	97,996	314,348	3,208	2,741
93	68	8 329	71,439	216,353	3,028	2,562
94	69	6 236	50,816	144,913	2,852	2,385
95	70	4 499	34,837	94,097	2,701	2,234
96	71	3 154	23,201	59,260	2,554	2,087
97	72	2 108	14,732	36,060	2,448	1,981
98	73	1 378	9,149	21,327	2,331	1,864
99	74	866	5,464	12,178	2,229	1,762
100	75	524	3,142	6,714	2,137	1,670

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	1 854 590,754	18,546	18,079	50	50	94 053	6 467,670	89 072,633	13,772	13,305
1	1	99 344	94 165,223	1 754 590,754	18,633	18,166	51	51	93 566	6 098,791	82 604,963	13,544	13,077
2	2	99 292	89 209,339	1 660 425,531	18,613	18,146	52	52	93 020	5 747,103	76 506,172	13,312	12,845
3	3	99 264	84 534,912	1 571 216,192	18,587	18,119	53	53	92 419	5 412,278	70 759,069	13,074	12,607
4	4	99 243	80 110,887	1 486 681,279	18,558	18,091	54	54	91 749	5 092,913	65 346,791	12,831	12,364
5	5	99 223	75 919,136	1 406 570,392	18,527	18,060	55	55	90 997	4 787,871	60 253,878	12,585	12,118
6	6	99 204	71 947,627	1 330 651,256	18,495	18,028	56	56	90 166	4 496,792	55 466,007	12,335	11,867
7	7	99 187	68 184,572	1 258 703,629	18,460	17,993	57	57	89 251	4 219,138	50 969,215	12,080	11,613
8	8	99 174	64 621,356	1 190 519,057	18,423	17,956	58	58	88 249	3 954,282	46 750,077	11,823	11,355
9	9	99 158	61 242,964	1 125 897,701	18,384	17,917	59	59	87 149	3 701,394	42 795,795	11,562	11,095
10	10	99 144	58 042,008	1 064 654,737	18,343	17,876	60	60	85 963	3 460,710	39 094,402	11,297	10,829
11	11	99 130	55 008,544	1 006 612,729	18,299	17,832	61	61	84 669	3 230,908	35 633,691	11,029	10,562
12	12	99 115	52 132,733	951 604,185	18,253	17,786	62	62	83 277	3 012,107	32 402,783	10,758	10,290
13	13	99 101	49 407,631	899 471,452	18,205	17,738	63	63	81 777	2 803,680	29 390,676	10,483	10,016
14	14	99 082	46 822,975	850 063,821	18,155	17,688	64	64	80 171	2 605,324	26 586,996	10,205	9,738
15	15	99 059	44 371,854	803 240,846	18,102	17,635	65	65	78 438	2 416,114	23 981,671	9,926	9,459
16	16	99 031	42 046,790	758 868,991	18,048	17,581	66	66	76 613	2 236,867	21 565,557	9,641	9,174
17	17	98 992	39 839,047	716 822,201	17,993	17,526	67	67	74 681	2 066,775	19 328,690	9,352	8,885
18	18	98 951	37 746,614	676 983,154	17,935	17,468	68	68	72 641	1 905,532	17 261,915	9,059	8,592
19	19	98 894	35 758,025	639 236,540	17,877	17,410	69	69	70 502	1 753,008	15 356,383	8,760	8,293
20	20	98 837	33 874,462	603 478,515	17,815	17,348	70	70	68 217	1 607,765	13 603,376	8,461	7,994
21	21	98 777	32 088,696	569 604,052	17,751	17,284	71	71	65 856	1 471,188	11 995,611	8,154	7,687
22	22	98 720	30 398,486	537 515,356	17,682	17,215	72	72	63 353	1 341,495	10 524,422	7,845	7,378
23	23	98 659	28 795,970	507 116,870	17,611	17,144	73	73	60 780	1 219,922	9 182,927	7,527	7,060
24	24	98 601	27 278,670	478 320,900	17,535	17,067	74	74	58 064	1 104,648	7 963,005	7,209	6,741
25	25	98 537	25 839,631	451 042,230	17,455	16,988	75	75	55 255	996,409	6 858,357	6,883	6,416
26	26	98 475	24 477,158	425 202,600	17,371	16,904	76	76	52 370	895,157	5 861,948	6,549	6,081
27	27	98 411	23 186,087	400 725,442	17,283	16,816	77	77	49 336	799,331	4 966,792	6,214	5,747
28	28	98 344	21 962,457	377 539,355	17,190	16,723	78	78	46 202	709,530	4 167,461	5,874	5,406
29	29	98 274	20 802,498	355 576,897	17,093	16,626	79	79	42 891	624,340	3 457,931	5,539	5,071
30	30	98 197	19 702,622	334 774,399	16,991	16,524	80	80	39 447	544,272	2 833,591	5,206	4,739
31	31	98 111	18 659,068	315 071,777	16,886	16,419	81	81	35 864	469,040	2 289,319	4,881	4,414
32	32	98 019	17 669,878	296 412,709	16,775	16,308	82	82	32 118	398,150	1 820,279	4,572	4,105
33	33	97 924	16 732,345	278 742,832	16,659	16,192	83	83	28 314	332,692	1 422,129	4,275	3,807
34	34	97 817	15 842,728	262 010,486	16,538	16,071	84	84	24 532	273,232	1 089,436	3,987	3,520
35	35	97 702	14 999,156	246 167,758	16,412	15,945	85	85	20 824	219,838	816,204	3,713	3,246
36	36	97 583	14 199,949	231 168,603	16,280	15,812	86	86	17 225	172,362	596,366	3,460	2,993
37	37	97 455	13 441,933	216 968,654	16,141	15,674	87	87	13 872	131,579	424,004	3,222	2,755
38	38	97 313	12 722,643	203 526,721	15,997	15,530	88	88	10 836	97,425	292,424	3,002	2,534
39	39	97 150	12 039,234	190 804,079	15,849	15,381	89	89	8 172	69,636	194,999	2,800	2,333
40	40	96 984	11 392,032	178 764,844	15,692	15,225	90	90	5 939	47,970	125,363	2,613	2,146
41	41	96 797	10 777,374	167 372,813	15,530	15,063	91	91	4 144	31,726	77,393	2,439	1,972
42	42	96 597	10 194,343	156 595,439	15,361	14,894	92	92	2 762	20,048	45,667	2,278	1,811
43	43	96 381	9 641,304	146 401,096	15,185	14,718	93	93	1 739	11,960	25,620	2,142	1,675
44	44	96 145	9 116,319	136 759,792	15,002	14,534	94	94	1 041	6,784	13,660	2,013	1,546
45	45	95 879	8 617,153	127 643,473	14,813	14,346	95	95	585	3,614	6,876	1,903	1,435
46	46	95 581	8 142,526	119 026,320	14,618	14,151	96	96	310	1,817	3,262	1,795	1,328
47	47	95 257	7 691,839	110 883,794	14,416	13,949	97	97	150	0,834	1,445	1,733	1,266
48	48	94 901	7 263,611	103 191,955	14,207	13,740	98	98	70	0,367	0,611	1,663	1,196
49	49	94 498	6 855,711	95 928,344	13,992	13,525	99	99	31	0,153	0,244	1,594	1,127
							100	100	13	0,059	0,091	1,534	1,067

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 699	99 699,466	1 853 229,781	18,588	18,121	50	51	93 878	6 455,684	88 350,669	13,686	13,219
1	2	99 320	94 141,875	1 753 530,315	18,626	18,159	51	52	93 366	6 085,723	81 894,984	13,457	12,990
2	3	99 280	89 198,257	1 659 388,440	18,603	18,136	52	53	92 803	5 733,695	75 809,261	13,222	12,755
3	4	99 254	84 526,195	1 570 190,182	18,576	18,109	53	54	92 182	5 398,381	70 075,566	12,981	12,514
4	5	99 234	80 103,222	1 485 663,988	18,547	18,080	54	55	91 483	5 078,201	64 677,185	12,736	12,269
5	6	99 214	75 912,373	1 405 560,766	18,516	18,048	55	56	90 702	4 772,332	59 598,984	12,488	12,021
6	7	99 196	71 941,263	1 329 648,393	18,482	18,015	56	57	89 843	4 480,707	54 826,652	12,236	11,769
7	8	99 182	68 181,404	1 257 707,130	18,446	17,979	57	58	88 901	4 202,582	50 345,945	11,980	11,513
8	9	99 167	64 616,853	1 189 525,726	18,409	17,942	58	59	87 865	3 937,083	46 143,363	11,720	11,253
9	10	99 152	61 239,218	1 124 908,873	18,369	17,902	59	60	86 738	3 683,974	42 206,280	11,457	10,990
10	11	99 138	58 038,613	1 063 669,655	18,327	17,860	60	61	85 510	3 442,452	38 522,306	11,190	10,723
11	12	99 123	55 004,290	1 005 631,042	18,283	17,816	61	62	84 188	3 212,538	35 079,854	10,920	10,452
12	13	99 107	52 128,639	950 626,752	18,236	17,769	62	63	82 766	2 993,630	31 867,317	10,645	10,178
13	14	99 091	49 402,976	898 498,113	18,187	17,720	63	64	81 226	2 784,758	28 873,687	10,368	9,901
14	15	99 073	46 818,658	849 095,137	18,136	17,669	64	65	79 572	2 585,856	26 088,929	10,089	9,622
15	16	99 047	44 366,456	802 276,479	18,083	17,616	65	66	77 813	2 396,857	23 503,073	9,806	9,339
16	17	99 017	42 040,599	757 910,023	18,028	17,561	66	67	75 942	2 217,267	21 106,216	9,519	9,052
17	18	98 979	39 833,622	715 869,424	17,971	17,504	67	68	73 972	2 047,177	18 888,949	9,227	8,760
18	19	98 932	37 739,178	676 035,802	17,913	17,446	68	69	71 881	1 885,589	16 841,772	8,932	8,465
19	20	98 877	35 751,775	638 296,624	17,854	17,386	69	70	69 688	1 732,752	14 956,183	8,631	8,164
20	21	98 819	33 868,200	602 544,849	17,791	17,324	70	71	67 358	1 587,509	13 223,430	8,330	7,862
21	22	98 760	32 083,405	568 676,649	17,725	17,258	71	72	64 953	1 451,030	11 635,921	8,019	7,552
22	23	98 704	30 393,537	536 593,245	17,655	17,188	72	73	62 414	1 321,623	10 184,891	7,706	7,239
23	24	98 642	28 790,788	506 199,708	17,582	17,115	73	74	59 782	1 199,896	8 863,268	7,387	6,920
24	25	98 583	27 273,761	477 408,920	17,504	17,037	74	75	57 028	1 084,937	7 663,372	7,063	6,596
25	26	98 518	25 834,715	450 135,159	17,424	16,956	75	76	54 192	977,247	6 578,435	6,732	6,264
26	27	98 456	24 472,552	424 300,443	17,338	16,871	76	77	51 241	875,852	5 601,188	6,395	5,928
27	28	98 390	23 181,098	399 827,892	17,248	16,781	77	78	48 162	780,309	4 725,336	6,056	5,589
28	29	98 321	21 957,282	376 646,794	17,154	16,686	78	79	44 934	690,055	3 945,027	5,717	5,250
29	30	98 248	20 797,115	354 689,512	17,055	16,588	79	80	41 544	604,726	3 254,972	5,383	4,915
30	31	98 166	19 696,374	333 892,397	16,952	16,485	80	81	38 009	524,427	2 650,246	5,054	4,586
31	32	98 080	18 653,209	314 196,023	16,844	16,377	81	82	34 334	449,025	2 125,819	4,734	4,267
32	33	97 986	17 663,823	295 542,814	16,732	16,264	82	83	30 532	378,490	1 676,794	4,430	3,963
33	34	97 888	16 726,316	277 878,991	16,613	16,146	83	84	26 708	313,825	1 298,304	4,137	3,670
34	35	97 777	15 836,296	261 152,674	16,491	16,024	84	85	22 934	255,427	984,479	3,854	3,387
35	36	97 662	14 992,974	245 316,379	16,362	15,895	85	86	19 239	203,103	729,052	3,590	3,122
36	37	97 539	14 193,438	230 323,405	16,227	15,760	86	87	15 723	157,336	525,949	3,343	2,876
37	38	97 408	13 435,552	216 129,967	16,086	15,619	87	88	12 486	118,429	368,613	3,113	2,645
38	39	97 254	12 714,968	202 694,414	15,941	15,474	88	89	9 599	86,299	250,185	2,899	2,432
39	40	97 092	12 031,997	189 979,447	15,790	15,322	89	90	7 113	60,617	163,885	2,704	2,236
40	41	96 917	11 384,220	177 947,450	15,631	15,164	90	91	5 063	40,896	103,268	2,525	2,058
41	42	96 726	10 769,396	166 563,229	15,466	14,999	91	92	3 449	26,407	62,373	2,362	1,895
42	43	96 520	10 186,251	155 793,833	15,295	14,827	92	93	2 244	16,289	35,966	2,208	1,741
43	44	96 293	9 632,549	145 607,582	15,116	14,649	93	94	1 375	9,460	19,677	2,080	1,613
44	45	96 052	9 107,471	135 975,034	14,930	14,463	94	95	801	5,223	10,217	1,956	1,489
45	46	95 769	8 607,224	126 867,562	14,740	14,272	95	96	437	2,700	4,994	1,849	1,382
46	47	95 465	8 132,612	118 260,339	14,541	14,074	96	97	222	1,298	2,293	1,767	1,300
47	48	95 126	7 681,299	110 127,727	14,337	13,870	97	98	105	0,584	0,995	1,703	1,236
48	49	94 750	7 252,033	102 446,428	14,127	13,659	98	99	48	0,252	0,411	1,628	1,161
49	50	94 333	6 843,727	95 194,395	13,910	13,443	99	100	20	0,101	0,159	1,564	1,096

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 675	99 674,746	1 852 078,483	18,581	18,114	50	52	93 677	6 441,852	87 569,511	13,594	13,127
1	3	99 307	94 130,180	1 752 403,737	18,617	18,150	51	53	93 148	6 071,525	81 127,659	13,362	12,895
2	4	99 270	89 189,058	1 658 273,556	18,593	18,126	52	54	92 565	5 718,973	75 056,134	13,124	12,657
3	5	99 245	84 518,107	1 569 084,498	18,565	18,098	53	55	91 915	5 382,787	69 337,161	12,881	12,414
4	6	99 225	80 096,086	1 484 566,391	18,535	18,068	54	56	91 187	5 061,720	63 954,374	12,635	12,168
5	7	99 206	75 905,658	1 404 470,305	18,503	18,036	55	57	90 377	4 755,262	58 892,654	12,385	11,918
6	8	99 191	71 937,921	1 328 564,647	18,468	18,001	56	58	89 490	4 463,124	54 137,392	12,130	11,663
7	9	99 175	68 176,653	1 256 626,726	18,432	17,965	57	59	88 514	4 184,303	49 674,268	11,872	11,404
8	10	99 161	64 612,901	1 188 450,074	18,393	17,926	58	60	87 452	3 918,554	45 489,965	11,609	11,142
9	11	99 146	61 235,636	1 123 837,173	18,353	17,885	59	61	86 281	3 664,537	41 571,412	11,344	10,877
10	12	99 131	58 034,125	1 062 601,537	18,310	17,843	60	62	85 024	3 422,878	37 906,875	11,075	10,607
11	13	99 115	54 999,971	1 004 567,413	18,265	17,798	61	63	83 671	3 192,831	34 483,996	10,800	10,333
12	14	99 098	52 123,728	949 567,441	18,218	17,750	62	64	82 207	2 973,426	31 291,166	10,524	10,056
13	15	99 082	49 398,421	897 443,713	18,167	17,700	63	65	80 619	2 763,949	28 317,740	10,245	9,778
14	16	99 061	46 812,962	848 045,293	18,116	17,648	64	66	78 938	2 565,245	25 553,791	9,962	9,494
15	17	99 032	44 359,923	801 232,331	18,062	17,595	65	67	77 131	2 375,855	22 988,546	9,676	9,209
16	18	99 003	42 034,874	756 872,408	18,006	17,539	66	68	75 222	2 196,243	20 612,690	9,385	8,918
17	19	98 959	39 825,775	714 837,534	17,949	17,482	67	69	73 198	2 025,752	18 416,448	9,091	8,624
18	20	98 915	37 732,581	675 011,759	17,889	17,422	68	70	71 050	1 863,802	16 390,695	8,794	8,327
19	21	98 859	35 745,165	637 279,178	17,828	17,361	69	71	68 810	1 710,922	14 526,894	8,491	8,023
20	22	98 803	33 862,615	601 534,013	17,764	17,297	70	72	66 435	1 565,758	12 815,972	8,185	7,718
21	23	98 744	32 078,181	567 671,398	17,696	17,229	71	73	63 991	1 429,535	11 250,214	7,870	7,403
22	24	98 686	30 388,067	535 593,216	17,625	17,158	72	74	61 390	1 299,927	9 820,679	7,555	7,088
23	25	98 624	28 785,607	505 205,149	17,551	17,083	73	75	58 716	1 178,486	8 520,752	7,230	6,763
24	26	98 565	27 268,573	476 419,542	17,471	17,004	74	76	55 931	1 064,072	7 342,266	6,900	6,433
25	27	98 499	25 829,853	449 150,969	17,389	16,922	75	77	53 024	956,172	6 278,194	6,566	6,099
26	28	98 435	24 467,285	423 321,116	17,302	16,834	76	78	50 022	855,009	5 322,022	6,225	5,757
27	29	98 367	23 175,635	398 853,830	17,210	16,743	77	79	46 840	758,891	4 467,013	5,886	5,419
28	30	98 296	21 951,600	375 678,195	17,114	16,647	78	80	43 522	668,377	3 708,121	5,548	5,081
29	31	98 217	20 790,520	353 726,595	17,014	16,547	79	81	40 029	582,677	3 039,744	5,217	4,750
30	32	98 135	19 690,189	332 936,075	16,909	16,442	80	82	36 387	502,048	2 457,067	4,894	4,427
31	33	98 046	18 646,818	313 245,886	16,799	16,332	81	83	32 638	426,852	1 955,019	4,580	4,113
32	34	97 951	17 657,458	294 599,068	16,684	16,217	82	84	28 801	357,025	1 528,167	4,280	3,813
33	35	97 849	16 719,525	276 941,609	16,564	16,097	83	85	24 968	293,375	1 171,142	3,992	3,525
34	36	97 737	15 829,769	260 222,084	16,439	15,972	84	86	21 188	235,983	877,767	3,720	3,252
35	37	97 617	14 986,100	244 392,315	16,308	15,841	85	87	17 561	185,397	641,784	3,462	2,994
36	38	97 492	14 186,701	229 406,215	16,171	15,703	86	88	14 152	141,611	456,387	3,223	2,756
37	39	97 350	13 427,447	215 219,514	16,028	15,561	87	89	11 060	104,904	314,777	3,001	2,533
38	40	97 196	12 707,324	201 792,067	15,880	15,413	88	90	8 356	75,122	209,873	2,794	2,327
39	41	97 025	12 023,747	189 084,743	15,726	15,259	89	91	6 064	51,677	134,751	2,608	2,140
40	42	96 846	11 375,793	177 060,996	15,565	15,098	90	92	4 214	34,040	83,073	2,440	1,973
41	43	96 649	10 760,848	165 685,203	15,397	14,930	91	93	2 802	21,456	49,033	2,285	1,818
42	44	96 432	10 177,001	154 924,355	15,223	14,756	92	94	1 775	12,885	27,578	2,140	1,673
43	45	96 200	9 623,199	144 747,354	15,041	14,574	93	95	1 059	7,283	14,693	2,017	1,550
44	46	95 941	9 096,977	135 124,154	14,854	14,387	94	96	599	3,903	7,410	1,899	1,431
45	47	95 652	8 596,744	126 027,177	14,660	14,193	95	97	312	1,929	3,507	1,818	1,351
46	48	95 334	8 121,468	117 430,433	14,459	13,992	96	98	155	0,910	1,578	1,735	1,267
47	49	94 975	7 669,054	109 308,965	14,253	13,786	97	99	72	0,401	0,668	1,665	1,198
48	50	94 584	7 239,356	101 639,911	14,040	13,573	98	100	32	0,167	0,267	1,595	1,128
49	51	94 158	6 831,044	94 400,555	13,819	13,352							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 662	99 662,364	1 850 856,125	18,571	18,104
1	4	99 297	94 120,473	1 751 193,761	18,606	18,139
2	5	99 260	89 180,524	1 657 073,288	18,581	18,114
3	6	99 236	84 510,578	1 567 892,763	18,553	18,085
4	7	99 216	80 089,001	1 483 382,186	18,522	18,054
5	8	99 201	75 902,131	1 403 293,185	18,488	18,021
6	9	99 184	71 932,908	1 327 391,053	18,453	17,986
7	10	99 169	68 172,482	1 255 458,145	18,416	17,949
8	11	99 155	64 609,121	1 187 285,663	18,376	17,909
9	12	99 139	61 230,901	1 122 676,542	18,335	17,868
10	13	99 123	58 029,568	1 061 445,641	18,291	17,824
11	14	99 106	54 994,789	1 003 416,074	18,246	17,778
12	15	99 089	52 118,922	948 421,284	18,197	17,730
13	16	99 070	49 392,411	896 302,363	18,147	17,679
14	17	99 046	46 806,069	846 909,952	18,094	17,627
15	18	99 019	44 353,883	800 103,883	18,039	17,572
16	19	98 984	42 026,593	755 750,000	17,983	17,515
17	20	98 942	39 818,813	713 723,408	17,924	17,457
18	21	98 896	37 725,605	673 904,594	17,863	17,396
19	22	98 842	35 739,271	636 178,989	17,801	17,333
20	23	98 787	33 857,102	600 439,718	17,735	17,267
21	24	98 726	32 072,408	566 582,616	17,666	17,199
22	25	98 669	30 382,599	534 510,208	17,593	17,125
23	26	98 605	28 780,132	504 127,609	17,517	17,049
24	27	98 546	27 263,441	475 347,477	17,435	16,968
25	28	98 478	25 824,295	448 084,036	17,351	16,884
26	29	98 412	24 461,520	422 259,741	17,262	16,795
27	30	98 341	23 169,638	397 798,221	17,169	16,702
28	31	98 265	21 944,638	374 628,582	17,072	16,604
29	32	98 186	20 783,992	352 683,944	16,969	16,502
30	33	98 101	19 683,443	331 899,952	16,862	16,395
31	34	98 011	18 640,099	312 216,510	16,750	16,283
32	35	97 911	17 650,290	293 576,411	16,633	16,166
33	36	97 808	16 712,635	275 926,121	16,510	16,043
34	37	97 692	15 822,511	259 213,486	16,383	15,915
35	38	97 570	14 978,986	243 390,975	16,249	15,782
36	39	97 433	14 178,143	228 411,989	16,110	15,643
37	40	97 291	13 419,376	214 233,846	15,965	15,497
38	41	97 129	12 698,611	200 814,471	15,814	15,347
39	42	96 954	12 014,846	188 115,860	15,657	15,190
40	43	96 769	11 366,763	176 101,014	15,493	15,025
41	44	96 561	10 751,076	164 734,250	15,323	14,855
42	45	96 339	10 167,124	153 983,174	15,145	14,678
43	46	96 089	9 612,111	143 816,051	14,962	14,495
44	47	95 824	9 085,902	134 203,939	14,771	14,303
45	48	95 521	8 584,964	125 118,038	14,574	14,107
46	49	95 182	8 108,522	116 533,074	14,372	13,904
47	50	94 809	7 655,648	108 424,552	14,163	13,696
48	51	94 409	7 225,940	100 768,903	13,945	13,478
49	52	93 956	6 816,407	93 542,964	13,723	13,256
50	53	93 459	6 426,823	86 726,557	13,494	13,027
51	54	92 909	6 055,935	80 299,734	13,260	12,792
52	55	92 297	5 702,453	74 243,798	13,020	12,552
53	56	91 617	5 365,317	68 541,345	12,775	12,308
54	57	90 860	5 043,614	63 176,028	12,526	12,059
55	58	90 023	4 736,601	58 132,414	12,273	11,806
56	59	89 101	4 443,712	53 395,812	12,016	11,549
57	60	88 098	4 164,610	48 952,100	11,754	11,287
58	61	86 990	3 897,879	44 787,490	11,490	11,023
59	62	85 790	3 643,701	40 889,610	11,222	10,755
60	63	84 502	3 401,881	37 245,909	10,949	10,481
61	64	83 106	3 171,282	33 844,028	10,672	10,205
62	65	81 593	2 951,207	30 672,746	10,393	9,926
63	66	79 976	2 741,919	27 721,539	10,110	9,643
64	67	78 246	2 542,768	24 979,621	9,824	9,357
65	68	76 400	2 353,327	22 436,852	9,534	9,067
66	69	74 434	2 173,258	20 083,525	9,241	8,774
67	70	72 353	2 002,345	17 910,268	8,945	8,477
68	71	70 155	1 840,320	15 907,922	8,644	8,177
69	72	67 867	1 687,479	14 067,602	8,336	7,869
70	73	65 451	1 542,563	12 380,123	8,026	7,558
71	74	62 941	1 406,068	10 837,560	7,708	7,241
72	75	60 294	1 276,732	9 431,492	7,387	6,920
73	76	57 586	1 155,822	8 154,760	7,055	6,588
74	77	54 725	1 041,125	6 998,938	6,722	6,255
75	78	51 762	933,418	5 957,814	6,383	5,916
76	79	48 649	831,541	5 024,395	6,042	5,575
77	80	45 369	735,051	4 192,854	5,704	5,237
78	81	41 936	644,007	3 457,803	5,369	4,902
79	82	38 321	557,812	2 813,796	5,044	4,577
80	83	34 590	477,257	2 255,984	4,727	4,260
81	84	30 787	402,645	1 778,727	4,418	3,950
82	85	26 924	333,760	1 376,082	4,123	3,656
83	86	23 067	271,042	1 042,322	3,846	3,378
84	87	19 341	215,410	771,280	3,581	3,113
85	88	15 806	166,867	555,870	3,331	2,864
86	89	12 536	125,439	389,003	3,101	2,634
87	90	9 628	91,317	263,564	2,886	2,419
88	91	7 123	64,043	172,247	2,690	2,222
89	92	5 048	43,015	108,204	2,516	2,048
90	93	3 424	27,658	65,189	2,357	1,890
91	94	2 217	16,972	37,532	2,211	1,744
92	95	1 367	9,919	20,560	2,073	1,606
93	96	791	5,442	10,641	1,955	1,488
94	97	428	2,788	5,199	1,865	1,398
95	98	219	1,352	2,411	1,783	1,316
96	99	107	0,625	1,059	1,694	1,227
97	100	48	0,266	0,434	1,630	1,163

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 652	99 652,086	1 849 544,604	18,560	18,093
1	5	99 288	94 111,467	1 749 892,518	18,594	18,127
2	6	99 251	89 172,580	1 655 781,051	18,568	18,101
3	7	99 227	84 503,102	1 566 608,471	18,539	18,072
4	8	99 212	80 085,280	1 482 105,369	18,507	18,039
5	9	99 194	75 896,842	1 402 020,089	18,473	18,006
6	10	99 178	71 928,508	1 326 123,247	18,437	17,969
7	11	99 163	68 168,495	1 254 194,739	18,398	17,931
8	12	99 147	64 604,125	1 186 026,245	18,358	17,891
9	13	99 131	61 226,093	1 121 422,120	18,316	17,849
10	14	99 114	58 024,100	1 060 196,027	18,272	17,804
11	15	99 097	54 989,719	1 002 171,927	18,225	17,758
12	16	99 077	52 112,581	947 182,208	18,176	17,709
13	17	99 055	49 385,138	895 069,627	18,124	17,657
14	18	99 032	46 799,695	845 684,490	18,070	17,603
15	19	98 999	44 345,144	798 884,794	18,015	17,548
16	20	98 966	42 019,247	754 539,650	17,957	17,490
17	21	98 924	39 811,452	712 520,403	17,897	17,430
18	22	98 880	37 719,384	672 708,951	17,835	17,367
19	23	98 826	35 733,453	634 989,567	17,770	17,303
20	24	98 769	33 851,009	599 256,115	17,703	17,236
21	25	98 709	32 066,637	565 405,106	17,632	17,165
22	26	98 650	30 376,820	533 338,469	17,557	17,090
23	27	98 587	28 774,715	502 961,649	17,479	17,012
24	28	98 525	27 257,575	474 186,934	17,397	16,929
25	29	98 455	25 818,210	446 929,359	17,311	16,843
26	30	98 386	24 455,190	421 111,149	17,220	16,753
27	31	98 310	23 162,291	396 655,959	17,125	16,658
28	32	98 234	21 937,748	373 493,669	17,025	16,558
29	33	98 153	20 776,870	351 555,921	16,921	16,453
30	34	98 066	19 676,350	330 779,050	16,811	16,344
31	35	97 971	18 632,531	311 102,700	16,697	16,230
32	36	97 870	17 643,015	292 470,169	16,577	16,110
33	37	97 764	16 704,972	274 827,154	16,452	15,985
34	38	97 646	15 815,001	258 122,182	16,321	15,854
35	39	97 512	14 969,950	242 307,181	16,186	15,719
36	40	97 375	14 169,620	227 337,231	16,044	15,577
37	41	97 224	13 410,174	213 167,611	15,896	15,429
38	42	97 057	12 689,210	199 757,437	15,742	15,275
39	43	96 877	12 005,309	187 068,226	15,582	15,115
40	44	96 681	11 356,442	175 062,917	15,415	14,948
41	45	96 468	10 740,641	163 706,476	15,242	14,775
42	46	96 228	10 155,409	152 965,834	15,062	14,595
43	47	95 972	9 600,408	142 810,426	14,875	14,408
44	48	95 693	9 073,451	133 210,017	14,681	14,214
45	49	95 369	8 571,279	124 136,566	14,483	14,016
46	50	95 016	8 094,348	115 565,287	14,277	13,810
47	51	94 633	7 641,461	107 470,939	14,064	13,597
48	52	94 206	7 210,457	99 829,478	13,845	13,378
49	53	93 737	6 800,504	92 619,022	13,619	13,152
50	54	93 219	6 410,321	85 818,517	13,388	12,920
51	55	92 640	6 038,442	79 408,196	13,150	12,683
52	56	91 998	5 683,946	73 369,754	12,908	12,441
53	57	91 289	5 346,126	67 685,809	12,661	12,194
54	58	90 504	5 023,823	62 339,683	12,409	11,942
55	59	89 631	4 716,000	57 315,860	12,153	11,686
56	60	88 682	4 422,798	52 599,860	11,893	11,426
57	61	87 633	4 142,638	48 177,062	11,630	11,162
58	62	86 496	3 875,717	44 034,424	11,362	10,894
59	63	85 264	3 621,349	40 158,707	11,089	10,622
60	64	83 932	3 378,922	36 537,358	10,813	10,346
61	65	82 485	3 147,584	33 158,436	10,535	10,067
62	66	80 943	2 927,684	30 010,852	10,251	9,784
63	67	79 275	2 717,894	27 083,167	9,965	9,498
64	68	77 504	2 518,657	24 365,274	9,674	9,207
65	69	75 600	2 328,698	21 846,617	9,381	8,914
66	70	73 574	2 148,147	19 517,919	9,086	8,619
67	71	71 441	1 977,118	17 369,772	8,785	8,318
68	72	69 194	1 815,104	15 392,654	8,480	8,013
69	73	66 862	1 662,481	13 577,550	8,167	7,700
70	74	64 376	1 517,240	11 915,068	7,853	7,386
71	75	61 818	1 380,979	10 397,828	7,529	7,062
72	76	59 135	1 252,179	9 016,849	7,201	6,734
73	77	56 345	1 130,895	7 764,670	6,866	6,399
74	78	53 423	1 016,350	6 633,774	6,527	6,060
75	79	50 341	907,798	5 617,425	6,188	5,721
76	80	47 120	805,419	4 709,627	5,847	5,380
77	81	43 715	708,250	3 904,209	5,512	5,045
78	82	40 146	616,525	3 195,958	5,184	4,717
79	83	36 428	530,268	2 579,434	4,864	4,397
80	84	32 628	450,191	2 049,166	4,552	4,085
81	85	28 781	376,407	1 598,975	4,248	3,781
82	86	24 874	308,353	1 222,567	3,965	3,498
83	87	21 056	247,413	914,214	3,695	3,228
84	88	17 408	193,881	666,802	3,439	2,972
85	89	14 001	147,811	472,921	3,200	2,732
86	90	10 912	109,192	325,111	2,977	2,510
87	91	8 208	77,850	215,919	2,774	2,306
88	92	5 929	53,307	138,069	2,590	2,123
89	93	4 101	34,949	84,761	2,425	1,958
90	94	2 708	21,878	49,812	2,277	1,810
91	95	1 707	13,066	27,934	2,138	1,671
92	96	1 021	7,412	14,869	2,006	1,539
93	97	565	3,887	7,457	1,918	1,451
94	98	300	1,954	3,569	1,827	1,359
95	99	150	0,929	1,615	1,739	1,272
96	100	71	0,414	0,686	1,656	1,189

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 643	99 642,551	1 848 135,773	18,548	18,080
1	6	99 279	94 103,083	1 748 493,222	18,581	18,113
2	7	99 243	89 164,692	1 654 390,139	18,554	18,087
3	8	99 222	84 499,176	1 565 225,447	18,524	18,056
4	9	99 205	80 079,700	1 480 726,270	18,491	18,023
5	10	99 188	75 892,199	1 400 646,571	18,456	17,989
6	11	99 172	71 924,300	1 324 754,371	18,419	17,952
7	12	99 156	68 163,223	1 252 830,071	18,380	17,913
8	13	99 139	64 599,052	1 184 666,848	18,339	17,872
9	14	99 121	61 220,324	1 120 067,796	18,296	17,828
10	15	99 104	58 018,750	1 058 847,472	18,250	17,783
11	16	99 084	54 983,028	1 000 828,721	18,203	17,735
12	17	99 062	52 104,907	945 845,693	18,153	17,686
13	18	99 042	49 378,413	893 740,786	18,100	17,633
14	19	99 013	46 790,475	844 362,373	18,046	17,578
15	20	98 982	44 337,393	797 571,898	17,989	17,522
16	21	98 948	42 011,478	753 234,504	17,929	17,462
17	22	98 907	39 804,887	711 223,026	17,868	17,401
18	23	98 864	37 713,243	671 418,139	17,803	17,336
19	24	98 808	35 727,022	633 704,896	17,737	17,270
20	25	98 751	33 844,918	597 977,874	17,668	17,201
21	26	98 690	32 060,537	564 132,956	17,596	17,129
22	27	98 631	30 371,103	532 072,419	17,519	17,052
23	28	98 565	28 768,523	501 701,316	17,439	16,972
24	29	98 502	27 251,152	472 932,793	17,355	16,887
25	30	98 429	25 811,529	445 681,641	17,267	16,800
26	31	98 355	24 447,435	419 870,112	17,174	16,707
27	32	98 279	23 155,018	395 422,678	17,077	16,610
28	33	98 200	21 930,231	372 267,660	16,975	16,508
29	34	98 117	20 769,384	350 337,429	16,868	16,401
30	35	98 026	19 668,362	329 568,045	16,756	16,289
31	36	97 931	18 624,852	309 899,683	16,639	16,172
32	37	97 826	17 634,926	291 274,831	16,517	16,050
33	38	97 717	16 697,043	273 639,905	16,389	15,921
34	39	97 587	15 805,460	256 942,862	16,257	15,789
35	40	97 453	14 960,951	241 137,402	16,118	15,651
36	41	97 308	14 159,904	226 176,451	15,973	15,506
37	42	97 152	13 400,247	212 016,547	15,822	15,355
38	43	96 980	12 679,138	198 616,300	15,665	15,198
39	44	96 789	11 994,407	185 937,162	15,502	15,035
40	45	96 587	11 345,419	173 942,755	15,332	14,864
41	46	96 356	10 728,266	162 597,335	15,156	14,689
42	47	96 111	10 143,045	151 869,069	14,973	14,506
43	48	95 841	9 587,253	141 726,025	14,783	14,316
44	49	95 541	9 058,988	132 138,772	14,586	14,119
45	50	95 202	8 556,296	123 079,784	14,385	13,918
46	51	94 840	8 079,347	114 523,488	14,175	13,708
47	52	94 430	7 625,087	106 444,141	13,960	13,493
48	53	93 987	7 193,635	98 819,054	13,737	13,270
49	54	93 496	6 783,043	91 625,419	13,508	13,041
50	55	92 949	6 391,804	84 842,376	13,274	12,806
51	56	92 340	6 018,844	78 450,572	13,034	12,567
52	57	91 669	5 663,614	72 431,728	12,789	12,322
53	58	90 931	5 325,147	66 768,113	12,538	12,071
54	59	90 110	5 001,972	61 442,966	12,284	11,817
55	60	89 209	4 693,805	56 440,994	12,025	11,557
56	61	88 214	4 399,464	51 747,190	11,762	11,295
57	62	87 135	4 119,083	47 347,726	11,495	11,028
58	63	85 965	3 851,941	43 228,642	11,223	10,755
59	64	84 689	3 596,909	39 376,701	10,947	10,480
60	65	83 304	3 353,672	35 779,792	10,669	10,202
61	66	81 828	3 122,497	32 426,120	10,385	9,917
62	67	80 233	2 902,032	29 303,623	10,098	9,630
63	68	78 524	2 692,122	26 401,591	9,807	9,340
64	69	76 693	2 492,298	23 709,469	9,513	9,046
65	70	74 727	2 301,791	21 217,172	9,218	8,750
66	71	72 647	2 121,082	18 915,381	8,918	8,451
67	72	70 462	1 950,028	16 794,299	8,612	8,145
68	73	68 169	1 788,216	14 844,270	8,301	7,834
69	74	65 764	1 635,190	13 056,054	7,984	7,517
70	75	63 228	1 490,168	11 420,864	7,664	7,197
71	76	60 629	1 354,421	9 930,696	7,332	6,865
72	77	57 860	1 225,175	8 576,276	7,000	6,533
73	78	55 004	1 103,984	7 351,101	6,659	6,192
74	79	51 956	988,453	6 247,117	6,320	5,853
75	80	48 760	879,280	5 258,664	5,981	5,513
76	81	45 402	776,052	4 379,384	5,643	5,176
77	82	41 849	678,026	3 603,333	5,314	4,847
78	83	38 164	586,081	2 925,306	4,991	4,524
79	84	34 362	500,196	2 339,225	4,677	4,209
80	85	30 502	420,856	1 839,029	4,370	3,903
81	86	26 590	347,753	1 418,174	4,078	3,611
82	87	22 706	281,471	1 070,420	3,803	3,336
83	88	18 952	222,685	788,950	3,543	3,076
84	89	15 420	171,739	566,265	3,297	2,830
85	90	12 188	128,666	394,526	3,066	2,599
86	91	9 303	93,089	265,859	2,856	2,389
87	92	6 832	64,799	172,770	2,666	2,199
88	93	4 818	43,312	107,971	2,493	2,026
89	94	3 244	27,646	64,659	2,339	1,872
90	95	2 085	16,842	37,013	2,198	1,730
91	96	1 275	9,763	20,171	2,066	1,599
92	97	730	5,295	10,408	1,966	1,499
93	98	396	2,725	5,113	1,876	1,409
94	99	206	1,342	2,388	1,779	1,312
95	100	100	0,616	1,046	1,698	1,231

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 634	99 633,675	1 846 622,636	18,534	18,067
1	7	99 270	94 094,759	1 746 988,961	18,566	18,099
2	8	99 238	89 160,550	1 652 894,202	18,538	18,071
3	9	99 216	84 493,288	1 563 733,652	18,507	18,040
4	10	99 199	80 074,801	1 479 240,364	18,473	18,006
5	11	99 182	75 887,760	1 399 165,563	18,437	17,970
6	12	99 165	71 918,739	1 323 277,803	18,400	17,932
7	13	99 148	68 157,871	1 251 359,064	18,360	17,893
8	14	99 130	64 592,966	1 183 201,194	18,318	17,851
9	15	99 112	61 214,679	1 118 608,228	18,274	17,806
10	16	99 092	58 011,691	1 057 393,548	18,227	17,760
11	17	99 070	54 974,932	999 381,857	18,179	17,712
12	18	99 049	52 097,813	944 406,925	18,128	17,660
13	19	99 022	49 368,685	892 309,113	18,074	17,607
14	20	98 996	46 782,297	842 940,428	18,018	17,551
15	21	98 964	44 329,196	796 158,131	17,960	17,493
16	22	98 932	42 004,551	751 828,935	17,899	17,432
17	23	98 891	39 798,406	709 824,384	17,835	17,368
18	24	98 846	37 706,456	670 025,978	17,770	17,302
19	25	98 791	35 720,593	632 319,522	17,702	17,235
20	26	98 732	33 838,480	596 598,929	17,631	17,164
21	27	98 671	32 054,504	562 760,449	17,556	17,089
22	28	98 610	30 364,567	530 705,945	17,478	17,011
23	29	98 542	28 761,744	500 341,378	17,396	16,929
24	30	98 476	27 244,100	471 579,634	17,309	16,842
25	31	98 398	25 803,343	444 335,534	17,220	16,753
26	32	98 324	24 439,758	418 532,190	17,125	16,658
27	33	98 246	23 147,084	394 092,432	17,026	16,558
28	34	98 165	21 922,329	370 945,348	16,921	16,454
29	35	98 077	20 760,952	349 023,019	16,812	16,344
30	36	97 986	19 660,256	328 262,067	16,697	16,230
31	37	97 886	18 616,312	308 601,812	16,577	16,110
32	38	97 779	17 626,555	289 985,499	16,452	15,984
33	39	97 658	16 686,970	272 358,944	16,322	15,854
34	40	97 528	15 795,959	255 671,974	16,186	15,719
35	41	97 386	14 950,692	239 876,014	16,044	15,577
36	42	97 236	14 149,422	224 925,322	15,896	15,429
37	43	97 075	13 389,610	210 775,900	15,742	15,275
38	44	96 892	12 667,625	197 386,290	15,582	15,115
39	45	96 695	11 982,766	184 718,665	15,415	14,948
40	46	96 476	11 332,347	172 735,899	15,243	14,776
41	47	96 239	10 715,204	161 403,553	15,063	14,596
42	48	95 979	10 129,145	150 688,349	14,877	14,410
43	49	95 688	9 571,970	140 559,203	14,684	14,217
44	50	95 374	9 043,152	130 987,233	14,485	14,018
45	51	95 026	8 540,440	121 944,081	14,278	13,811
46	52	94 636	8 062,036	113 403,641	14,066	13,599
47	53	94 210	7 607,298	105 341,606	13,847	13,380
48	54	93 745	7 175,164	97 734,307	13,621	13,154
49	55	93 226	6 763,449	90 559,143	13,389	12,922
50	56	92 648	6 371,059	83 795,695	13,153	12,685
51	57	92 009	5 997,315	77 424,635	12,910	12,443
52	58	91 309	5 641,390	71 427,320	12,661	12,194
53	59	90 536	5 301,986	65 785,930	12,408	11,941
54	60	89 686	4 978,431	60 483,945	12,149	11,682
55	61	88 739	4 669,041	55 505,514	11,888	11,421
56	62	87 712	4 374,449	50 836,473	11,621	11,154
57	63	86 600	4 093,815	46 462,024	11,349	10,882
58	64	85 385	3 825,945	42 368,209	11,074	10,607
59	65	84 056	3 570,030	38 542,264	10,796	10,329
60	66	82 640	3 326,942	34 972,234	10,512	10,045
61	67	81 111	3 095,137	31 645,292	10,224	9,757
62	68	79 473	2 874,514	28 550,155	9,932	9,465
63	69	77 702	2 663,947	25 675,641	9,638	9,171
64	70	75 807	2 463,500	23 011,694	9,341	8,874
65	71	73 785	2 272,791	20 548,193	9,041	8,574
66	72	71 652	2 092,020	18 275,402	8,736	8,269
67	73	69 418	1 921,141	16 183,383	8,424	7,957
68	74	67 050	1 758,861	14 262,241	8,109	7,642
69	75	64 591	1 606,013	12 503,381	7,785	7,318
70	76	62 012	1 461,510	10 897,368	7,456	6,989
71	77	59 321	1 325,212	9 435,858	7,120	6,653
72	78	56 483	1 196,020	8 110,646	6,781	6,314
73	79	53 494	1 073,682	6 914,627	6,440	5,973
74	80	50 324	957,401	5 840,945	6,101	5,634
75	81	46 982	847,220	4 883,544	5,764	5,297
76	82	43 465	742,935	4 036,324	5,433	4,966
77	83	39 783	644,546	3 293,389	5,110	4,642
78	84	35 999	552,844	2 648,843	4,791	4,324
79	85	32 123	467,601	2 095,999	4,482	4,015
80	86	28 180	388,818	1 628,398	4,188	3,721
81	87	24 272	317,436	1 239,580	3,905	3,438
82	88	20 436	253,339	922,144	3,640	3,173
83	89	16 787	197,254	668,805	3,391	2,923
84	90	13 423	149,496	471,551	3,154	2,687
85	91	10 390	109,691	322,055	2,936	2,469
86	92	7 743	77,484	212,364	2,741	2,274
87	93	5 551	52,649	134,880	2,562	2,095
88	94	3 811	34,261	82,231	2,400	1,933
89	95	2 497	21,283	47,970	2,254	1,787
90	96	1 558	12,585	26,687	2,121	1,653
91	97	911	6,974	14,102	2,022	1,555
92	98	511	3,711	7,128	1,921	1,453
93	99	272	1,872	3,416	1,825	1,358
94	100	136	0,890	1,545	1,735	1,268

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 625	99 624,861	1 844 998,070	18,519	18,052
1	8	99 265	94 090,388	1 745 373,209	18,550	18,083
2	9	99 231	89 154,337	1 651 282,821	18,522	18,054
3	10	99 209	84 488,119	1 562 128,484	18,489	18,022
4	11	99 193	80 070,117	1 477 640,365	18,454	17,987
5	12	99 175	75 881,892	1 397 570,248	18,418	17,951
6	13	99 157	71 913,091	1 321 688,356	18,379	17,912
7	14	99 138	68 151,449	1 249 775,264	18,338	17,871
8	15	99 121	64 587,010	1 181 623,815	18,295	17,828
9	16	99 100	61 207,231	1 117 036,805	18,250	17,783
10	17	99 078	58 003,149	1 055 829,574	18,203	17,736
11	18	99 056	54 967,446	997 826,424	18,153	17,686
12	19	99 029	52 087,548	942 858,978	18,101	17,634
13	20	99 005	49 360,056	890 771,430	18,046	17,579
14	21	98 977	46 773,648	841 411,374	17,989	17,522
15	22	98 948	44 321,886	794 637,726	17,929	17,462
16	23	98 916	41 997,712	750 315,840	17,866	17,398
17	24	98 873	39 791,244	708 318,128	17,801	17,334
18	25	98 828	37 699,671	668 526,884	17,733	17,266
19	26	98 772	35 713,798	630 827,212	17,663	17,196
20	27	98 714	33 832,111	595 113,414	17,590	17,123
21	28	98 650	32 047,606	561 281,303	17,514	17,047
22	29	98 587	30 357,412	529 233,697	17,433	16,966
23	30	98 517	28 754,302	498 876,284	17,350	16,882
24	31	98 445	27 235,460	470 121,983	17,261	16,794
25	32	98 367	25 795,241	442 886,523	17,169	16,702
26	33	98 291	24 431,384	417 091,282	17,072	16,605
27	34	98 210	23 138,743	392 659,897	16,970	16,503
28	35	98 125	21 913,429	369 521,154	16,863	16,396
29	36	98 037	20 752,395	347 607,725	16,750	16,283
30	37	97 941	19 651,242	326 855,330	16,633	16,166
31	38	97 839	18 607,476	307 204,088	16,510	16,043
32	39	97 720	17 615,922	288 596,612	16,383	15,916
33	40	97 599	16 676,939	270 980,690	16,249	15,782
34	41	97 461	15 785,128	254 303,751	16,110	15,643
35	42	97 314	14 939,625	238 518,623	15,966	15,498
36	43	97 159	14 138,190	223 578,998	15,814	15,347
37	44	96 987	13 377,452	209 440,808	15,656	15,189
38	45	96 798	12 655,330	196 063,356	15,493	15,025
39	46	96 583	11 968,959	183 408,026	15,324	14,856
40	47	96 358	11 318,550	171 439,067	15,147	14,680
41	48	96 107	10 700,521	160 120,518	14,964	14,497
42	49	95 826	10 112,999	149 419,997	14,775	14,308
43	50	95 521	9 555,238	139 306,998	14,579	14,112
44	51	95 197	9 026,393	129 751,760	14,375	13,908
45	52	94 822	8 522,140	120 725,367	14,166	13,699
46	53	94 416	8 043,227	112 203,227	13,950	13,483
47	54	93 968	7 587,765	104 160,000	13,727	13,260
48	55	93 475	7 154,437	96 572,235	13,498	13,031
49	56	92 924	6 741,498	89 417,797	13,264	12,797
50	57	92 316	6 348,270	82 676,299	13,023	12,556
51	58	91 648	5 973,781	76 328,028	12,777	12,310
52	59	90 912	5 616,853	70 354,248	12,526	12,058
53	60	90 109	5 277,033	64 737,395	12,268	11,801
54	61	89 213	4 952,165	59 460,362	12,007	11,540
55	62	88 234	4 642,493	54 508,197	11,741	11,274
56	63	87 174	4 347,614	49 865,704	11,470	11,002
57	64	86 016	4 066,186	45 518,090	11,194	10,727
58	65	84 747	3 797,355	41 451,904	10,916	10,449
59	66	83 386	3 541,576	37 654,549	10,632	10,165
60	67	81 916	3 297,791	34 112,973	10,344	9,877
61	68	80 342	3 065,788	30 815,182	10,051	9,584
62	69	78 641	2 844,430	27 749,394	9,756	9,289
63	70	76 804	2 633,166	24 904,964	9,458	8,991
64	71	74 852	2 432,463	22 271,797	9,156	8,689
65	72	72 774	2 241,650	19 839,334	8,850	8,383
66	73	70 591	2 061,030	17 597,685	8,538	8,071
67	74	68 279	1 889,604	15 536,655	8,222	7,755
68	75	65 854	1 727,477	13 647,051	7,900	7,433
69	76	63 348	1 575,127	11 919,575	7,567	7,100
70	77	60 674	1 429,991	10 344,448	7,234	6,767
71	78	57 910	1 293,676	8 914,457	6,891	6,424
72	79	54 932	1 163,191	7 620,780	6,552	6,084
73	80	51 814	1 039,953	6 457,589	6,210	5,742
74	81	48 489	922,493	5 417,636	5,873	5,406
75	82	44 977	811,066	4 495,143	5,542	5,075
76	83	41 319	706,249	3 684,078	5,216	4,749
77	84	37 526	607,993	2 977,828	4,898	4,431
78	85	33 653	516,819	2 369,835	4,585	4,118
79	86	29 678	432,005	1 853,017	4,289	3,822
80	87	25 723	354,921	1 421,011	4,004	3,537
81	88	21 846	285,710	1 066,090	3,731	3,264
82	89	18 102	224,407	780,380	3,478	3,010
83	90	14 613	171,706	555,973	3,238	2,771
84	91	11 443	127,449	384,267	3,015	2,548
85	92	8 649	91,303	256,819	2,813	2,346
86	93	6 291	62,956	165,516	2,629	2,162
87	94	4 391	41,647	102,560	2,463	1,995
88	95	2 934	26,375	60,913	2,309	1,842
89	96	1 866	15,903	34,538	2,172	1,705
90	97	1 113	8,990	18,635	2,073	1,606
91	98	639	4,889	9,645	1,973	1,506
92	99	351	2,549	4,756	1,866	1,398
93	100	180	1,241	2,207	1,778	1,311

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 620	99 620,233	1 843 255,367	18,503	18,036
1	9	99 258	94 083,831	1 743 635,134	18,533	18,066
2	10	99 225	89 148,883	1 649 551,303	18,503	18,036
3	11	99 204	84 483,177	1 560 402,420	18,470	18,003
4	12	99 185	80 063,926	1 475 919,243	18,434	17,967
5	13	99 167	75 875,933	1 395 855,317	18,397	17,929
6	14	99 148	71 906,316	1 319 979,384	18,357	17,890
7	15	99 129	68 145,165	1 248 073,068	18,315	17,848
8	16	99 109	64 579,152	1 179 927,903	18,271	17,804
9	17	99 086	61 198,219	1 115 348,751	18,225	17,758
10	18	99 064	57 995,251	1 054 150,532	18,176	17,709
11	19	99 037	54 956,617	996 155,281	18,126	17,659
12	20	99 012	52 078,444	941 198,664	18,073	17,606
13	21	98 987	49 350,930	889 120,220	18,016	17,549
14	22	98 961	46 765,935	839 769,290	17,957	17,490
15	23	98 931	44 314,670	793 003,355	17,895	17,428
16	24	98 898	41 990,154	748 688,684	17,830	17,363
17	25	98 856	39 784,084	706 698,530	17,763	17,296
18	26	98 810	37 692,500	666 914,446	17,694	17,226
19	27	98 753	35 707,077	629 221,946	17,622	17,155
20	28	98 693	33 824,831	593 514,869	17,547	17,080
21	29	98 627	32 040,054	559 690,038	17,468	17,001
22	30	98 561	30 349,557	527 649,984	17,386	16,919
23	31	98 485	28 745,183	497 300,427	17,300	16,833
24	32	98 414	27 226,908	468 555,244	17,209	16,742
25	33	98 334	25 786,403	441 328,336	17,115	16,648
26	34	98 255	24 422,581	415 541,933	17,015	16,547
27	35	98 170	23 129,349	391 119,352	16,910	16,443
28	36	98 084	21 904,398	367 990,003	16,800	16,333
29	37	97 992	20 742,880	346 085,606	16,685	16,217
30	38	97 894	19 641,914	325 342,725	16,564	16,097
31	39	97 780	18 596,251	305 700,811	16,439	15,972
32	40	97 661	17 605,332	287 104,560	16,308	15,841
33	41	97 533	16 665,504	269 499,228	16,171	15,704
34	42	97 389	15 773,443	252 833,724	16,029	15,562
35	43	97 237	14 927,767	237 060,282	15,880	15,413
36	44	97 071	14 125,352	222 132,515	15,726	15,259
37	45	96 893	13 364,468	208 007,163	15,564	15,097
38	46	96 687	12 640,748	194 642,695	15,398	14,931
39	47	96 466	11 954,387	182 001,947	15,225	14,758
40	48	96 226	11 303,040	170 047,561	15,044	14,577
41	49	95 954	10 683,464	158 744,521	14,859	14,392
42	50	95 658	10 095,321	148 061,057	14,666	14,199
43	51	95 344	9 537,530	137 965,736	14,466	13,998
44	52	94 993	9 007,052	128 428,206	14,259	13,791
45	53	94 601	8 502,258	119 421,154	14,046	13,579
46	54	94 173	8 022,575	110 918,896	13,826	13,359
47	55	93 696	7 565,847	102 896,321	13,600	13,133
48	56	93 171	7 131,218	95 330,475	13,368	12,901
49	57	92 591	6 717,384	88 199,257	13,130	12,663
50	58	91 954	6 323,359	81 481,872	12,886	12,419
51	59	91 250	5 947,798	75 158,513	12,636	12,169
52	60	90 484	5 590,418	69 210,715	12,380	11,913
53	61	89 634	5 249,191	63 620,297	12,120	11,653
54	62	88 706	4 924,007	58 371,106	11,854	11,387
55	63	87 693	4 614,014	53 447,098	11,584	11,116
56	64	86 586	4 318,273	48 833,085	11,308	10,841
57	65	85 373	4 035,801	44 514,812	11,030	10,563
58	66	84 071	3 767,088	40 479,011	10,745	10,278
59	67	82 655	3 510,544	36 711,923	10,458	9,990
60	68	81 140	3 266,521	33 201,379	10,164	9,697
61	69	79 501	3 033,703	29 934,858	9,867	9,400
62	70	77 732	2 811,564	26 901,155	9,568	9,101
63	71	75 836	2 599,992	24 089,591	9,265	8,798
64	72	73 826	2 399,134	21 489,600	8,957	8,490
65	73	71 696	2 208,443	19 090,466	8,644	8,177
66	74	69 432	2 027,195	16 882,023	8,328	7,861
67	75	67 060	1 855,887	14 854,827	8,004	7,537
68	76	64 587	1 694,255	12 998,940	7,672	7,205
69	77	61 982	1 541,158	11 304,685	7,335	6,868
70	78	59 231	1 395,962	9 763,527	6,994	6,527
71	79	56 320	1 258,167	8 367,565	6,651	6,183
72	80	53 207	1 126,650	7 109,398	6,310	5,843
73	81	49 924	1 002,035	5 982,747	5,971	5,503
74	82	46 420	883,126	4 980,713	5,640	5,173
75	83	42 756	771,016	4 097,586	5,315	4,847
76	84	38 975	666,197	3 326,570	4,993	4,526
77	85	35 081	568,374	2 660,373	4,681	4,213
78	86	31 092	477,476	2 091,999	4,381	3,914
79	87	27 091	394,343	1 614,523	4,094	3,627
80	88	23 152	319,448	1 220,180	3,820	3,352
81	89	19 351	253,081	900,732	3,559	3,092
82	90	15 758	195,342	647,650	3,315	2,848
83	91	12 458	146,383	452,308	3,090	2,623
84	92	9 525	106,084	305,925	2,884	2,417
85	93	7 027	74,184	199,841	2,694	2,227
86	94	4 977	49,799	125,657	2,523	2,056
87	95	3 380	32,061	75,858	2,366	1,899
88	96	2 192	19,708	43,796	2,222	1,755
89	97	1 333	11,360	24,088	2,120	1,653
90	98	780	6,302	12,728	2,020	1,553
91	99	439	3,358	6,426	1,914	1,446
92	100	233	1,690	3,068	1,815	1,348

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 613	99 613,291	1 841 383,240	18,485	18,018
1	10	99 252	94 078,076	1 741 769,949	18,514	18,047
2	11	99 219	89 143,668	1 647 691,873	18,484	18,016
3	12	99 196	84 476,644	1 558 548,205	18,449	17,982
4	13	99 177	80 057,639	1 474 071,560	18,413	17,945
5	14	99 157	75 868,785	1 394 013,922	18,374	17,907
6	15	99 138	71 899,686	1 318 145,137	18,333	17,866
7	16	99 117	68 136,874	1 246 245,451	18,290	17,823
8	17	99 094	64 569,643	1 178 108,577	18,246	17,778
9	18	99 072	61 189,886	1 113 538,934	18,198	17,731
10	19	99 045	57 983,825	1 052 349,048	18,149	17,682
11	20	99 020	54 947,011	994 365,223	18,097	17,630
12	21	98 994	52 068,816	939 418,212	18,042	17,575
13	22	98 970	49 342,792	887 349,396	17,983	17,516
14	23	98 945	46 758,321	838 006,604	17,922	17,455
15	24	98 914	44 306,695	791 248,283	17,858	17,391
16	25	98 880	41 982,598	746 941,588	17,792	17,325
17	26	98 837	39 776,516	704 958,989	17,723	17,256
18	27	98 791	37 685,406	665 182,473	17,651	17,184
19	28	98 732	35 699,393	627 497,067	17,577	17,110
20	29	98 669	33 816,861	591 797,673	17,500	17,033
21	30	98 601	32 031,763	557 980,813	17,420	16,952
22	31	98 530	30 339,932	525 949,049	17,335	16,868
23	32	98 454	28 736,157	495 609,117	17,247	16,780
24	33	98 380	27 217,579	466 872,960	17,153	16,686
25	34	98 298	25 777,111	439 655,381	17,056	16,589
26	35	98 215	24 412,665	413 878,270	16,953	16,486
27	36	98 130	23 119,817	389 465,604	16,846	16,378
28	37	98 039	21 894,354	366 345,788	16,732	16,265
29	38	97 945	20 733,035	344 451,433	16,614	16,146
30	39	97 835	19 630,065	323 718,399	16,491	16,024
31	40	97 722	18 585,072	304 088,334	16,362	15,895
32	41	97 594	17 593,261	285 503,262	16,228	15,761
33	42	97 460	16 653,167	267 910,001	16,088	15,620
34	43	97 312	15 760,922	251 256,834	15,942	15,475
35	44	97 149	14 914,211	235 495,912	15,790	15,323
36	45	96 976	14 111,642	220 581,701	15,631	15,164
37	46	96 781	13 349,069	206 470,059	15,467	15,000
38	47	96 569	12 625,358	193 120,990	15,296	14,829
39	48	96 334	11 938,005	180 495,632	15,119	14,652
40	49	96 073	11 285,022	168 557,627	14,936	14,469
41	50	95 786	10 664,788	157 272,605	14,747	14,280
42	51	95 481	10 076,612	146 607,816	14,549	14,082
43	52	95 139	9 517,094	136 531,204	14,346	13,879
44	53	94 771	8 986,039	127 014,110	14,135	13,667
45	54	94 358	8 480,427	118 028,071	13,918	13,451
46	55	93 901	7 999,400	109 547,644	13,694	13,227
47	56	93 392	7 541,292	101 548,244	13,466	12,998
48	57	92 838	7 105,710	94 006,952	13,230	12,763
49	58	92 228	6 691,024	86 901,242	12,988	12,521
50	59	91 554	6 295,856	80 210,218	12,740	12,273
51	60	90 820	5 919,806	73 914,362	12,486	12,019
52	61	90 007	5 560,923	67 994,556	12,227	11,760
53	62	89 124	5 219,345	62 433,633	11,962	11,495
54	63	88 162	4 893,801	57 214,287	11,691	11,224
55	64	87 101	4 582,874	52 320,486	11,417	10,949
56	65	85 939	4 286,004	47 737,612	11,138	10,671
57	66	84 692	4 003,634	43 451,608	10,853	10,386
58	67	83 335	3 734,081	39 447,974	10,564	10,097
59	68	81 871	3 477,256	35 713,894	10,271	9,804
60	69	80 290	3 232,334	32 236,637	9,973	9,506
61	70	78 582	2 998,650	29 004,303	9,672	9,205
62	71	76 753	2 776,142	26 005,653	9,368	8,900
63	72	74 797	2 564,367	23 229,512	9,059	8,591
64	73	72 733	2 363,594	20 665,145	8,743	8,276
65	74	70 519	2 172,189	18 301,551	8,425	7,958
66	75	68 193	1 991,024	16 129,362	8,101	7,634
67	76	65 771	1 820,196	14 138,338	7,767	7,300
68	77	63 194	1 657,717	12 318,142	7,431	6,964
69	78	60 507	1 504,484	10 660,425	7,086	6,619
70	79	57 605	1 357,646	9 155,942	6,744	6,277
71	80	54 551	1 218,643	7 798,296	6,399	5,932
72	81	51 267	1 085,571	6 579,653	6,061	5,594
73	82	47 794	959,274	5 494,082	5,727	5,260
74	83	44 128	839,519	4 534,808	5,402	4,934
75	84	40 331	727,291	3 695,290	5,081	4,614
76	85	36 436	622,786	2 967,999	4,766	4,298
77	86	32 411	525,107	2 345,213	4,466	3,999
78	87	28 381	435,850	1 820,107	4,176	3,709
79	88	24 383	354,930	1 384,257	3,900	3,433
80	89	20 508	282,967	1 029,327	3,638	3,170
81	90	16 845	220,303	746,360	3,388	2,921
82	91	13 434	166,534	526,057	3,159	2,692
83	92	10 370	121,844	359,523	2,951	2,483
84	93	7 739	86,193	237,679	2,758	2,290
85	94	5 559	58,681	151,486	2,582	2,114
86	95	3 831	38,337	92,805	2,421	1,954
87	96	2 526	23,957	54,467	2,274	1,806
88	97	1 566	14,079	30,510	2,167	1,700
89	98	934	7,963	16,432	2,063	1,596
90	99	536	4,329	8,468	1,956	1,489
91	100	291	2,226	4,140	1,859	1,392

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 607	99 607,197	1 839 376,791	18,466	17,999
1	11	99 247	94 072,573	1 739 769,594	18,494	18,027
2	12	99 211	89 136,775	1 645 697,021	18,463	17,995
3	13	99 188	84 470,011	1 556 560,246	18,427	17,960
4	14	99 168	80 050,096	1 472 090,235	18,390	17,922
5	15	99 148	75 861,789	1 392 040,139	18,350	17,883
6	16	99 126	71 890,938	1 316 178,350	18,308	17,841
7	17	99 103	68 126,841	1 244 287,412	18,264	17,797
8	18	99 081	64 560,851	1 176 160,570	18,218	17,751
9	19	99 053	61 177,831	1 111 599,720	18,170	17,703
10	20	99 027	57 973,690	1 050 421,889	18,119	17,652
11	21	99 001	54 936,852	992 448,199	18,065	17,598
12	22	98 977	52 060,230	937 511,346	18,008	17,541
13	23	98 954	49 334,759	885 451,117	17,948	17,481
14	24	98 927	46 749,906	836 116,358	17,885	17,418
15	25	98 896	44 298,723	789 366,452	17,819	17,352
16	26	98 861	41 974,612	745 067,729	17,750	17,283
17	27	98 818	39 769,030	703 093,117	17,679	17,212
18	28	98 770	37 677,297	663 324,086	17,605	17,138
19	29	98 709	35 690,981	625 646,789	17,530	17,062
20	30	98 644	33 808,110	589 955,808	17,450	16,983
21	31	98 570	32 021,605	556 147,698	17,368	16,901
22	32	98 499	30 330,405	524 126,093	17,281	16,813
23	33	98 421	28 726,311	493 795,688	17,190	16,722
24	34	98 345	27 207,772	465 069,377	17,093	16,626
25	35	98 258	25 766,646	437 861,604	16,993	16,526
26	36	98 175	24 402,604	412 094,959	16,887	16,420
27	37	98 085	23 109,216	387 692,354	16,777	16,309
28	38	97 993	21 883,962	364 583,138	16,660	16,193
29	39	97 886	20 720,527	342 699,176	16,539	16,072
30	40	97 776	19 618,264	321 978,649	16,412	15,945
31	41	97 655	18 572,328	302 360,384	16,280	15,813
32	42	97 522	17 580,237	283 788,056	16,142	15,675
33	43	97 383	16 639,948	266 207,819	15,998	15,531
34	44	97 223	15 746,610	249 567,871	15,849	15,382
35	45	97 054	14 899,736	233 821,261	15,693	15,226
36	46	96 865	14 095,382	218 921,525	15,531	15,064
37	47	96 664	13 332,816	204 826,142	15,363	14,895
38	48	96 437	12 608,057	191 493,326	15,188	14,721
39	49	96 180	11 918,976	178 885,269	15,008	14,541
40	50	95 905	11 265,295	166 966,294	14,821	14,354
41	51	95 609	10 645,024	155 700,998	14,627	14,159
42	52	95 277	10 055,021	145 055,974	14,426	13,959
43	53	94 917	9 494,891	135 000,953	14,218	13,751
44	54	94 528	8 962,966	125 506,062	14,003	13,536
45	55	94 085	8 455,930	116 543,096	13,782	13,315
46	56	93 596	7 973,438	108 087,167	13,556	13,089
47	57	93 058	7 514,317	100 113,728	13,323	12,856
48	58	92 474	7 077,826	92 599,411	13,083	12,616
49	59	91 827	6 661,922	85 521,585	12,837	12,370
50	60	91 123	6 266,226	78 859,663	12,585	12,118
51	61	90 341	5 888,573	72 593,437	12,328	11,861
52	62	89 495	5 529,304	66 704,864	12,064	11,597
53	63	88 578	5 187,327	61 175,559	11,793	11,326
54	64	87 567	4 860,774	55 988,232	11,518	11,051
55	65	86 450	4 548,628	51 127,459	11,240	10,773
56	66	85 254	4 251,842	46 578,831	10,955	10,488
57	67	83 950	3 968,554	42 326,988	10,666	10,198
58	68	82 545	3 698,673	38 358,435	10,371	9,904
59	69	81 014	3 440,864	34 659,761	10,073	9,606
60	70	79 363	3 194,986	31 218,897	9,771	9,304
61	71	77 592	2 960,870	28 023,911	9,465	8,998
62	72	75 701	2 738,104	25 063,041	9,153	8,686
63	73	73 689	2 526,380	22 324,937	8,837	8,370
64	74	71 539	2 324,793	19 798,558	8,516	8,049
65	75	69 261	2 133,430	17 473,765	8,190	7,723
66	76	66 881	1 952,734	15 340,335	7,856	7,389
67	77	64 352	1 780,942	13 387,601	7,517	7,050
68	78	61 690	1 618,269	11 606,659	7,172	6,705
69	79	58 846	1 463,189	9 988,390	6,826	6,359
70	80	55 795	1 314,996	8 525,202	6,483	6,016
71	81	52 562	1 174,209	7 210,206	6,140	5,673
72	82	49 079	1 039,245	6 035,996	5,808	5,341
73	83	45 434	911,906	4 996,751	5,479	5,012
74	84	41 625	791,908	4 084,845	5,158	4,691
75	85	37 703	679,898	3 292,937	4,843	4,376
76	86	33 662	575,376	2 613,039	4,541	4,074
77	87	29 585	479,328	2 037,662	4,251	3,784
78	88	25 545	392,289	1 558,334	3,972	3,505
79	89	21 598	314,396	1 166,046	3,709	3,242
80	90	17 852	246,317	851,649	3,458	2,990
81	91	14 361	187,813	605,332	3,223	2,756
82	92	11 182	138,617	417,519	3,012	2,545
83	93	8 425	98,998	278,901	2,817	2,350
84	94	6 122	68,181	179,903	2,639	2,171
85	95	4 279	45,175	111,722	2,473	2,006
86	96	2 863	28,647	66,547	2,323	1,856
87	97	1 804	17,114	37,901	2,215	1,747
88	98	1 098	9,869	20,787	2,106	1,639
89	99	642	5,470	10,918	1,996	1,529
90	100	355	2,870	5,449	1,898	1,431

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 601	99 601,371	1 837 227,648	18,446	17,979
1	12	99 239	94 065,299	1 737 626,277	18,473	18,005
2	13	99 204	89 129,776	1 643 560,978	18,440	17,973
3	14	99 179	84 462,053	1 554 431,203	18,404	17,937
4	15	99 159	80 042,715	1 469 969,150	18,365	17,898
5	16	99 136	75 852,559	1 389 926,435	18,324	17,857
6	17	99 112	71 880,352	1 314 073,876	18,281	17,814
7	18	99 089	68 117,565	1 242 193,524	18,236	17,769
8	19	99 061	64 548,131	1 174 075,959	18,189	17,722
9	20	99 035	61 167,137	1 109 527,827	18,139	17,672
10	21	99 009	57 962,972	1 048 360,690	18,087	17,620
11	22	98 985	54 927,794	990 397,718	18,031	17,564
12	23	98 961	52 051,754	935 469,924	17,972	17,505
13	24	98 937	49 325,880	883 418,171	17,910	17,443
14	25	98 909	46 741,494	834 092,290	17,845	17,378
15	26	98 877	44 290,296	787 350,796	17,777	17,310
16	27	98 843	41 966,713	743 060,500	17,706	17,239
17	28	98 797	39 760,473	701 093,787	17,633	17,166
18	29	98 746	37 668,419	661 333,314	17,557	17,090
19	30	98 683	35 681,745	623 664,896	17,479	17,011
20	31	98 613	33 797,388	587 983,150	17,397	16,930
21	32	98 539	32 011,550	554 185,762	17,312	16,845
22	33	98 465	30 320,013	522 174,211	17,222	16,755
23	34	98 385	28 715,960	491 854,198	17,128	16,661
24	35	98 305	27 196,726	463 138,238	17,029	16,562
25	36	98 218	25 756,027	435 941,513	16,926	16,459
26	37	98 130	24 391,416	410 185,486	16,817	16,350
27	38	98 038	23 098,247	385 794,070	16,702	16,235
28	39	97 934	21 870,760	362 695,823	16,584	16,116
29	40	97 828	20 708,071	340 825,063	16,459	15,991
30	41	97 709	19 604,812	320 116,991	16,328	15,861
31	42	97 582	18 558,580	300 512,179	16,193	15,725
32	43	97 445	17 566,283	281 953,599	16,051	15,584
33	44	97 295	16 624,838	264 387,317	15,903	15,436
34	45	97 129	15 731,327	247 762,479	15,750	15,282
35	46	96 942	14 882,568	232 031,152	15,591	15,124
36	47	96 747	14 078,221	217 148,584	15,424	14,957
37	48	96 531	13 314,546	203 070,363	15,252	14,785
38	49	96 283	12 587,959	189 755,817	15,074	14,607
39	50	96 012	11 898,140	177 167,857	14,890	14,423
40	51	95 727	11 244,418	165 269,717	14,698	14,231
41	52	95 404	10 622,215	154 025,299	14,500	14,033
42	53	95 054	10 031,563	143 403,084	14,295	13,828
43	54	94 674	9 470,511	133 371,521	14,083	13,616
44	55	94 255	8 937,075	123 901,009	13,864	13,397
45	56	93 780	8 428,486	114 963,935	13,640	13,173
46	57	93 262	7 944,918	106 535,448	13,409	12,942
47	58	92 693	7 484,830	98 590,531	13,172	12,705
48	59	92 071	7 047,042	91 105,701	12,928	12,461
49	60	91 395	6 630,569	84 058,659	12,677	12,210
50	61	90 642	6 233,165	77 428,090	12,422	11,955
51	62	89 827	5 855,092	71 194,925	12,159	11,692
52	63	88 946	5 495,385	65 339,833	11,890	11,423
53	64	87 980	5 152,319	59 844,448	11,615	11,148
54	65	86 912	4 824,451	54 692,130	11,336	10,869
55	66	85 761	4 512,373	49 867,679	11,051	10,584
56	67	84 507	4 214,587	45 355,305	10,762	10,294
57	68	83 154	3 930,923	41 140,718	10,466	9,999
58	69	81 681	3 659,964	37 209,795	10,167	9,700
59	70	80 078	3 401,106	33 549,831	9,864	9,397
60	71	78 363	3 154,733	30 148,725	9,557	9,089
61	72	76 529	2 920,301	26 993,992	9,244	8,776
62	73	74 580	2 697,542	24 073,690	8,924	8,457
63	74	72 479	2 484,906	21 376,148	8,602	8,135
64	75	70 262	2 283,311	18 891,242	8,274	7,806
65	76	67 929	2 092,401	16 607,931	7,937	7,470
66	77	65 439	1 910,621	14 515,529	7,597	7,130
67	78	62 821	1 738,561	12 604,908	7,250	6,783
68	79	59 997	1 573,851	10 866,347	6,904	6,437
69	80	56 998	1 417,223	9 292,496	6,557	6,090
70	81	53 761	1 267,049	7 875,273	6,215	5,748
71	82	50 319	1 124,101	6 608,223	5,879	5,411
72	83	46 655	987,929	5 484,122	5,551	5,084
73	84	42 857	860,190	4 496,194	5,227	4,760
74	85	38 913	740,305	3 636,003	4,911	4,444
75	86	34 833	628,141	2 895,698	4,610	4,143
76	87	30 727	525,215	2 267,557	4,317	3,850
77	88	26 628	431,421	1 742,342	4,039	3,571
78	89	22 627	347,488	1 310,921	3,773	3,305
79	90	18 801	273,677	963,432	3,520	3,053
80	91	15 219	209,991	689,756	3,285	2,818
81	92	11 953	156,329	479,764	3,069	2,602
82	93	9 085	112,626	323,435	2,872	2,405
83	94	6 665	78,310	210,809	2,692	2,225
84	95	4 713	52,488	132,499	2,524	2,057
85	96	3 197	33,756	80,011	2,370	1,903
86	97	2 045	20,464	46,255	2,260	1,793
87	98	1 265	11,996	25,791	2,150	1,683
88	99	754	6,779	13,795	2,035	1,568
89	100	426	3,627	7,016	1,935	1,467

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 594	99 593,669	1 834 927,696	18,424	17,957
1	13	99 231	94 057,912	1 735 334,027	18,450	17,982
2	14	99 194	89 121,378	1 641 276,115	18,416	17,949
3	15	99 170	84 454,265	1 552 154,736	18,379	17,911
4	16	99 147	80 032,976	1 467 700,472	18,339	17,872
5	17	99 122	75 841,390	1 387 667,495	18,297	17,830
6	18	99 098	71 870,565	1 311 826,105	18,253	17,785
7	19	99 070	68 104,145	1 239 955,540	18,207	17,740
8	20	99 044	64 536,849	1 171 851,395	18,158	17,691
9	21	99 017	61 155,829	1 107 314,547	18,106	17,639
10	22	98 993	57 953,414	1 046 158,718	18,052	17,585
11	23	98 969	54 918,851	988 205,304	17,994	17,527
12	24	98 943	52 042,386	933 286,453	17,933	17,466
13	25	98 919	49 317,005	881 244,066	17,869	17,402
14	26	98 890	46 732,603	831 927,061	17,802	17,335
15	27	98 858	44 281,961	785 194,459	17,732	17,265
16	28	98 821	41 957,682	740 912,498	17,659	17,191
17	29	98 774	39 751,103	698 954,816	17,583	17,116
18	30	98 721	37 658,671	659 203,712	17,505	17,038
19	31	98 652	35 670,430	621 545,041	17,425	16,957
20	32	98 582	33 786,776	585 874,611	17,340	16,873
21	33	98 505	32 000,582	552 087,835	17,252	16,785
22	34	98 430	30 309,088	520 087,253	17,159	16,692
23	35	98 345	28 704,301	489 778,165	17,063	16,596
24	36	98 264	27 185,517	461 073,864	16,960	16,493
25	37	98 173	25 744,217	433 888,346	16,854	16,387
26	38	98 083	24 379,838	408 144,129	16,741	16,274
27	39	97 979	23 084,313	383 764,291	16,624	16,157
28	40	97 875	21 857,613	360 679,978	16,501	16,034
29	41	97 760	20 693,872	338 822,365	16,373	15,906
30	42	97 637	19 590,300	318 128,493	16,239	15,772
31	43	97 505	18 543,849	298 538,193	16,099	15,632
32	44	97 356	17 550,331	279 994,345	15,954	15,487
33	45	97 200	16 608,702	262 444,014	15,802	15,334
34	46	97 017	15 713,201	245 835,311	15,645	15,178
35	47	96 824	14 864,448	230 122,110	15,481	15,014
36	48	96 614	14 058,929	215 257,662	15,311	14,844
37	49	96 377	13 293,322	201 198,733	15,135	14,668
38	50	96 115	12 565,955	187 905,410	14,954	14,486
39	51	95 834	11 876,091	175 339,456	14,764	14,297
40	52	95 522	11 220,325	163 463,365	14,569	14,101
41	53	95 181	10 597,434	152 243,040	14,366	13,899
42	54	94 810	10 005,805	141 645,606	14,156	13,689
43	55	94 400	9 443,154	131 639,801	13,940	13,473
44	56	93 949	8 908,070	122 196,647	13,718	13,250
45	57	93 445	8 398,338	113 288,577	13,489	13,022
46	58	92 896	7 913,741	104 890,239	13,254	12,787
47	59	92 290	7 452,275	96 976,499	13,013	12,546
48	60	91 638	7 013,876	89 524,223	12,764	12,297
49	61	90 913	6 595,586	82 510,348	12,510	12,043
50	62	90 127	6 197,724	75 914,761	12,249	11,782
51	63	89 276	5 819,174	69 717,037	11,981	11,513
52	64	88 346	5 458,297	63 897,863	11,707	11,239
53	65	87 322	5 113,817	58 439,566	11,428	10,961
54	66	86 219	4 785,998	53 325,749	11,142	10,675
55	67	85 010	4 472,836	48 539,751	10,852	10,385
56	68	83 706	4 174,624	44 066,916	10,556	10,089
57	69	82 284	3 889,783	39 892,292	10,256	9,788
58	70	80 737	3 617,675	36 002,509	9,952	9,485
59	71	79 070	3 358,257	32 384,834	9,643	9,176
60	72	77 289	3 111,508	29 026,577	9,329	8,862
61	73	75 396	2 877,041	25 915,070	9,008	8,540
62	74	73 355	2 653,259	23 038,029	8,683	8,216
63	75	71 186	2 440,568	20 384,770	8,352	7,885
64	76	68 911	2 239,400	17 944,202	8,013	7,546
65	77	66 464	2 047,277	15 704,802	7,671	7,204
66	78	63 882	1 865,155	13 657,526	7,322	6,855
67	79	61 097	1 690,841	11 792,371	6,974	6,507
68	80	58 112	1 524,409	10 101,529	6,627	6,159
69	81	54 920	1 365,549	8 577,120	6,281	5,814
70	82	51 467	1 212,979	7 211,571	5,945	5,478
71	83	47 834	1 068,594	5 998,591	5,614	5,146
72	84	44 010	931,902	4 929,997	5,290	4,823
73	85	40 065	804,138	3 998,095	4,972	4,505
74	86	35 951	683,950	3 193,958	4,670	4,203
75	87	31 796	573,380	2 510,008	4,378	3,910
76	88	27 656	472,722	1 936,628	4,097	3,630
77	89	23 587	382,152	1 463,906	3,831	3,364
78	90	19 697	302,482	1 081,754	3,576	3,109
79	91	16 028	233,316	779,272	3,340	2,873
80	92	12 668	174,790	545,956	3,124	2,656
81	93	9 712	127,017	371,166	2,922	2,455
82	94	7 187	89,090	244,149	2,740	2,273
83	95	5 131	60,286	155,059	2,572	2,105
84	96	3 521	39,220	94,773	2,416	1,949
85	97	2 284	24,113	55,553	2,304	1,837
86	98	1 434	14,345	31,439	2,192	1,725
87	99	869	8,240	17,095	2,075	1,607
88	100	500	4,494	8,855	1,970	1,503

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 586	99 585,848	1 832 470,737	18,401	17,934
1	14	99 222	94 049,051	1 732 884,889	18,425	17,958
2	15	99 185	89 113,161	1 638 835,838	18,391	17,923
3	16	99 158	84 443,989	1 549 722,677	18,352	17,885
4	17	99 132	80 021,192	1 465 278,688	18,311	17,844
5	18	99 108	75 831,064	1 385 257,496	18,268	17,800
6	19	99 079	71 856,405	1 309 426,433	18,223	17,756
7	20	99 052	68 092,241	1 237 570,028	18,175	17,708
8	21	99 026	64 524,917	1 169 477,787	18,124	17,657
9	22	99 001	61 145,744	1 104 952,869	18,071	17,604
10	23	98 977	57 943,979	1 043 807,125	18,014	17,547
11	24	98 951	54 908,967	985 863,146	17,955	17,487
12	25	98 926	52 033,022	930 954,179	17,892	17,424
13	26	98 900	49 307,624	878 921,157	17,825	17,358
14	27	98 872	46 723,808	829 613,533	17,756	17,289
15	28	98 837	44 272,432	782 889,726	17,683	17,216
16	29	98 798	41 947,795	738 617,293	17,608	17,141
17	30	98 748	39 740,817	696 669,498	17,530	17,063
18	31	98 690	37 646,729	656 928,681	17,450	16,983
19	32	98 621	35 659,229	619 281,952	17,367	16,899
20	33	98 548	33 775,200	583 622,723	17,280	16,812
21	34	98 470	31 989,051	549 847,523	17,189	16,721
22	35	98 390	30 296,782	517 858,472	17,093	16,626
23	36	98 305	28 692,471	487 561,689	16,993	16,525
24	37	98 219	27 173,053	458 869,218	16,887	16,420
25	38	98 126	25 731,998	431 696,165	16,777	16,309
26	39	98 024	24 365,131	405 964,168	16,662	16,195
27	40	97 920	23 070,436	381 599,037	16,541	16,073
28	41	97 808	21 842,625	358 528,601	16,414	15,947
29	42	97 688	20 678,553	336 685,975	16,282	15,815
30	43	97 560	19 574,750	316 007,422	16,144	15,676
31	44	97 416	18 527,010	296 432,673	16,000	15,533
32	45	97 262	17 533,297	277 905,663	15,850	15,383
33	46	97 088	16 589,565	260 372,366	15,695	15,228
34	47	96 899	15 694,070	243 782,801	15,533	15,066
35	48	96 692	14 844,079	228 088,731	15,366	14,898
36	49	96 460	14 036,519	213 244,651	15,192	14,725
37	50	96 209	13 270,084	199 208,133	15,012	14,545
38	51	95 936	12 542,667	185 938,048	14,824	14,357
39	52	95 629	11 850,644	173 395,381	14,632	14,165
40	53	95 299	11 194,148	161 544,737	14,431	13,964
41	54	94 937	10 570,223	150 350,589	14,224	13,757
42	55	94 536	9 976,902	139 780,366	14,010	13,543
43	56	94 094	9 412,507	129 803,464	13,791	13,323
44	57	93 613	8 876,206	120 390,957	13,563	13,096
45	58	93 078	8 365,382	111 514,751	13,331	12,863
46	59	92 492	7 879,321	103 149,370	13,091	12,624
47	60	91 856	7 417,202	95 270,049	12,844	12,377
48	61	91 155	6 976,871	87 852,847	12,592	12,125
49	62	90 396	6 558,085	80 875,976	12,332	11,865
50	63	89 574	6 159,705	74 317,891	12,065	11,598
51	64	88 674	5 779,901	68 158,187	11,792	11,325
52	65	87 685	5 417,509	62 378,286	11,514	11,047
53	66	86 626	5 073,058	56 960,776	11,228	10,761
54	67	85 464	4 744,062	51 887,719	10,937	10,470
55	68	84 204	4 430,423	47 143,657	10,641	10,174
56	69	82 830	4 130,933	42 713,234	10,340	9,873
57	70	81 333	3 844,838	38 582,300	10,035	9,568
58	71	79 720	3 572,096	34 737,462	9,725	9,257
59	72	77 986	3 312,243	31 165,365	9,409	8,942
60	73	76 144	3 065,415	27 853,123	9,086	8,619
61	74	74 158	2 829,811	24 787,708	8,759	8,292
62	75	72 047	2 605,917	21 957,897	8,426	7,959
63	76	69 817	2 393,632	19 351,980	8,085	7,618
64	77	67 425	2 191,105	16 958,348	7,740	7,272
65	78	64 882	1 998,559	14 767,243	7,389	6,922
66	79	62 128	1 813,960	12 768,684	7,039	6,572
67	80	59 177	1 637,724	10 954,724	6,689	6,222
68	81	55 994	1 468,827	9 317,000	6,343	5,876
69	82	52 576	1 307,276	7 848,173	6,003	5,536
70	83	48 925	1 153,084	6 540,897	5,673	5,205
71	84	45 121	1 007,993	5 387,813	5,345	4,878
72	85	41 142	871,176	4 379,820	5,027	4,560
73	86	37 015	742,923	3 508,644	4,723	4,256
74	87	32 816	624,323	2 765,721	4,430	3,963
75	88	28 618	516,073	2 141,398	4,149	3,682
76	89	24 498	418,736	1 625,325	3,882	3,414
77	90	20 532	332,657	1 206,589	3,627	3,160
78	91	16 792	257,874	873,932	3,389	2,922
79	92	13 341	194,204	616,059	3,172	2,705
80	93	10 293	142,016	421,855	2,970	2,503
81	94	7 683	100,474	279,839	2,785	2,318
82	95	5 533	68,585	179,365	2,615	2,148
83	96	3 834	45,047	110,780	2,459	1,992
84	97	2 516	28,017	65,733	2,346	1,879
85	98	1 601	16,903	37,716	2,231	1,764
86	99	985	9,853	20,813	2,112	1,645
87	100	576	5,463	10,960	2,006	1,539

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	14	99 576	99 576,466	1 829 848,455	18,376	17,909
1	15	99 213	94 040,379	1 730 271,989	18,399	17,932
2	16	99 173	89 102,319	1 636 231,610	18,364	17,896
3	17	99 143	84 431,555	1 547 129,292	18,324	17,857
4	18	99 119	80 010,296	1 462 697,736	18,281	17,814
5	19	99 089	75 816,124	1 382 687,440	18,237	17,770
6	20	99 061	71 843,845	1 306 871,317	18,190	17,723
7	21	99 034	68 079,652	1 235 027,472	18,141	17,674
8	22	99 009	64 514,277	1 166 947,820	18,088	17,621
9	23	98 985	61 135,789	1 102 433,542	18,033	17,565
10	24	98 959	57 933,551	1 041 297,753	17,974	17,507
11	25	98 933	54 899,087	983 364,202	17,912	17,445
12	26	98 907	52 023,124	928 465,115	17,847	17,380
13	27	98 881	49 298,344	876 441,991	17,778	17,311
14	28	98 851	46 713,753	827 143,647	17,707	17,239
15	29	98 814	44 262,000	780 429,893	17,632	17,165
16	30	98 773	41 936,940	736 167,893	17,554	17,087
17	31	98 717	39 728,214	694 230,953	17,475	17,007
18	32	98 659	37 634,908	654 502,739	17,391	16,924
19	33	98 587	35 647,011	616 867,831	17,305	16,838
20	34	98 512	33 763,029	581 220,820	17,215	16,748
21	35	98 430	31 976,064	547 457,791	17,121	16,654
22	36	98 349	30 284,296	515 481,727	17,021	16,554
23	37	98 260	28 679,316	485 197,430	16,918	16,451
24	38	98 173	27 160,155	456 518,114	16,808	16,341
25	39	98 067	25 716,475	429 357,960	16,696	16,229
26	40	97 965	24 350,484	403 641,485	16,576	16,109
27	41	97 853	23 054,617	379 291,001	16,452	15,985
28	42	97 735	21 826,456	356 236,384	16,321	15,854
29	43	97 611	20 662,139	334 409,928	16,185	15,717
30	44	97 471	19 556,974	313 747,789	16,043	15,576
31	45	97 322	18 509,028	294 190,814	15,894	15,427
32	46	97 150	17 513,095	275 681,787	15,741	15,274
33	47	96 970	16 569,367	258 168,692	15,581	15,114
34	48	96 766	15 672,564	241 599,325	15,415	14,948
35	49	96 538	14 820,417	225 926,760	15,244	14,777
36	50	96 292	14 011,982	211 106,343	15,066	14,599
37	51	96 030	13 245,492	197 094,361	14,880	14,413
38	52	95 731	12 515,792	183 848,869	14,689	14,222
39	53	95 406	11 822,997	171 333,077	14,492	14,024
40	54	95 055	11 165,405	159 510,080	14,286	13,819
41	55	94 663	10 539,689	148 344,675	14,075	13,608
42	56	94 230	9 944,522	137 804,986	13,857	13,390
43	57	93 757	9 378,838	127 860,464	13,633	13,166
44	58	93 246	8 841,375	118 481,625	13,401	12,934
45	59	92 673	8 328,997	109 640,251	13,164	12,696
46	60	92 056	7 842,238	101 311,253	12,919	12,451
47	61	91 371	7 378,069	93 469,016	12,668	12,201
48	62	90 636	6 937,201	86 090,946	12,410	11,943
49	63	89 841	6 517,855	79 153,745	12,144	11,677
50	64	88 970	6 118,133	72 635,890	11,872	11,405
51	65	88 011	5 736,710	66 517,757	11,595	11,128
52	66	86 987	5 374,329	60 781,048	11,310	10,842
53	67	85 867	5 028,607	55 406,718	11,018	10,551
54	68	84 654	4 699,078	50 378,111	10,721	10,254
55	69	83 322	4 384,056	45 679,033	10,419	9,952
56	70	81 873	4 083,202	41 294,978	10,113	9,646
57	71	80 309	3 796,398	37 211,776	9,802	9,335
58	72	78 627	3 523,152	33 415,377	9,485	9,017
59	73	76 831	3 263,176	29 892,225	9,160	8,693
60	74	74 894	3 015,093	26 629,049	8,832	8,365
61	75	72 835	2 779,318	23 613,956	8,496	8,029
62	76	70 661	2 555,801	20 834,638	8,152	7,685
63	77	68 312	2 342,011	18 278,837	7,805	7,338
64	78	65 820	2 138,965	15 936,826	7,451	6,984
65	79	63 101	1 943,702	13 797,861	7,099	6,632
66	80	60 177	1 756,976	11 854,159	6,747	6,280
67	81	57 020	1 578,011	10 097,183	6,399	5,931
68	82	53 604	1 406,146	8 519,173	6,059	5,591
69	83	49 980	1 242,724	7 113,026	5,724	5,257
70	84	46 151	1 087,691	5 870,302	5,397	4,930
71	85	42 181	942,309	4 782,611	5,075	4,608
72	86	38 010	804,858	3 840,303	4,771	4,304
73	87	33 788	678,155	3 035,445	4,476	4,009
74	88	29 537	561,925	2 357,290	4,195	3,728
75	89	25 350	457,136	1 795,365	3,927	3,460
76	90	21 325	364,502	1 338,229	3,671	3,204
77	91	17 504	283,598	973,726	3,433	2,966
78	92	13 977	214,645	690,128	3,215	2,748
79	93	10 840	157,790	475,483	3,013	2,546
80	94	8 142	112,338	317,693	2,828	2,361
81	95	5 914	77,348	205,355	2,655	2,188
82	96	4 134	51,248	128,006	2,498	2,031
83	97	2 739	32,179	76,758	2,385	1,918
84	98	1 763	19,639	44,579	2,270	1,803
85	99	1 100	11,610	24,940	2,148	1,681
86	100	653	6,533	13,329	2,040	1,573

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 567	99 567,285	1 827 053,666	18,350	17,883
1	16	99 201	94 028,937	1 727 486,382	18,372	17,905
2	17	99 159	89 089,199	1 633 457,445	18,335	17,868
3	18	99 130	84 420,059	1 544 368,246	18,294	17,827
4	19	99 099	79 994,533	1 459 948,187	18,251	17,783
5	20	99 071	75 802,872	1 379 953,655	18,205	17,737
6	21	99 043	71 830,563	1 304 150,783	18,156	17,689
7	22	99 018	68 068,426	1 232 320,220	18,104	17,637
8	23	98 993	64 503,774	1 164 251,795	18,049	17,582
9	24	98 967	61 124,787	1 099 748,021	17,992	17,525
10	25	98 941	57 923,127	1 038 623,234	17,931	17,464
11	26	98 914	54 888,644	980 700,107	17,867	17,400
12	27	98 888	52 013,334	925 811,463	17,800	17,332
13	28	98 860	49 287,736	873 798,130	17,729	17,261
14	29	98 827	46 702,746	824 510,394	17,654	17,187
15	30	98 788	44 250,546	777 807,648	17,577	17,110
16	31	98 741	41 923,641	733 557,102	17,497	17,030
17	32	98 686	39 715,740	691 633,461	17,415	16,947
18	33	98 625	37 622,013	651 917,721	17,328	16,861
19	34	98 552	35 634,167	614 295,709	17,239	16,772
20	35	98 472	33 749,322	578 661,542	17,146	16,679
21	36	98 389	31 962,886	544 912,220	17,048	16,581
22	37	98 304	30 270,411	512 949,335	16,946	16,478
23	38	98 213	28 665,703	482 678,924	16,838	16,371
24	39	98 114	27 143,770	454 013,221	16,726	16,259
25	40	98 008	25 701,015	426 869,450	16,609	16,142
26	41	97 898	24 333,787	401 168,435	16,486	16,019
27	42	97 781	23 037,551	376 834,648	16,357	15,890
28	43	97 658	21 809,131	353 797,098	16,222	15,755
29	44	97 522	20 643,377	331 987,966	16,082	15,615
30	45	97 376	19 537,993	311 344,590	15,935	15,468
31	46	97 210	18 487,701	291 806,597	15,784	15,317
32	47	97 031	17 491,772	273 318,896	15,626	15,158
33	48	96 837	16 546,662	255 827,124	15,461	14,994
34	49	96 612	15 647,581	239 280,462	15,292	14,825
35	50	96 369	14 794,510	223 632,880	15,116	14,649
36	51	96 113	13 986,015	208 838,370	14,932	14,465
37	52	95 825	13 217,111	194 852,355	14,742	14,275
38	53	95 507	12 486,593	181 635,244	14,546	14,079
39	54	95 161	11 792,639	169 148,651	14,344	13,876
40	55	94 780	11 133,152	157 356,011	14,134	13,667
41	56	94 355	10 505,483	146 222,860	13,919	13,452
42	57	93 893	9 908,951	135 717,377	13,696	13,229
43	58	93 389	9 342,035	125 808,426	13,467	13,000
44	59	92 840	8 802,920	116 466,391	13,230	12,763
45	60	92 237	8 289,798	107 663,471	12,987	12,520
46	61	91 571	7 800,862	99 373,673	12,739	12,272
47	62	90 851	7 336,119	91 572,811	12,482	12,015
48	63	90 080	6 894,645	84 236,692	12,218	11,751
49	64	89 235	6 473,866	77 342,047	11,947	11,480
50	65	88 305	6 072,415	70 868,181	11,671	11,203
51	66	87 310	5 690,985	64 795,766	11,386	10,918
52	67	86 224	5 327,239	59 104,781	11,095	10,628
53	68	85 053	4 980,925	53 777,542	10,797	10,330
54	69	83 768	4 649,899	48 796,617	10,494	10,027
55	70	82 360	4 333,400	44 146,718	10,188	9,720
56	71	80 841	4 031,759	39 813,319	9,875	9,408
57	72	79 208	3 744,381	35 781,560	9,556	9,089
58	73	77 463	3 470,962	32 037,179	9,230	8,763
59	74	75 570	3 209,608	28 566,218	8,900	8,433
60	75	73 558	2 961,294	25 356,610	8,563	8,095
61	76	71 434	2 725,868	22 395,316	8,216	7,749
62	77	69 137	2 500,683	19 669,448	7,866	7,398
63	78	66 686	2 286,279	17 168,765	7,509	7,042
64	79	64 014	2 080,254	14 882,486	7,154	6,687
65	80	61 119	1 882,642	12 802,231	6,800	6,333
66	81	57 983	1 692,914	10 919,590	6,450	5,983
67	82	54 586	1 510,671	9 226,676	6,108	5,640
68	83	50 957	1 336,712	7 716,005	5,772	5,305
69	84	47 145	1 172,247	6 379,293	5,442	4,975
70	85	43 143	1 016,813	5 207,045	5,121	4,654
71	86	38 970	870,576	4 190,232	4,813	4,346
72	87	34 696	734,691	3 319,656	4,518	4,051
73	88	30 411	610,376	2 584,966	4,235	3,768
74	89	26 163	497,752	1 974,589	3,967	3,500
75	90	22 067	397,929	1 476,838	3,711	3,244
76	91	18 180	310,747	1 078,908	3,472	3,005
77	92	14 570	236,057	768,161	3,254	2,787
78	93	11 356	174,399	532,104	3,051	2,584
79	94	8 575	124,816	357,706	2,866	2,399
80	95	6 268	86,482	232,889	2,693	2,226
81	96	4 419	57,796	146,407	2,533	2,066
82	97	2 953	36,609	88,611	2,420	1,953
83	98	1 920	22,557	52,002	2,305	1,838
84	99	1 211	13,490	29,445	2,183	1,716
85	100	729	7,698	15,955	2,073	1,605

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 555	99 555,170	1 824 076,978	18,322	17,855
1	17	99 186	94 015,092	1 724 521,808	18,343	17,876
2	18	99 145	89 077,068	1 630 506,716	18,304	17,837
3	19	99 110	84 403,427	1 541 429,648	18,263	17,795
4	20	99 082	79 980,550	1 457 026,221	18,217	17,750
5	21	99 053	75 788,857	1 377 045,671	18,170	17,702
6	22	99 027	71 818,718	1 301 256,814	18,119	17,651
7	23	99 002	68 057,344	1 229 438,096	18,065	17,598
8	24	98 975	64 492,166	1 161 380,752	18,008	17,541
9	25	98 949	61 113,788	1 096 888,587	17,948	17,481
10	26	98 922	57 912,108	1 035 774,798	17,885	17,418
11	27	98 896	54 878,314	977 862,690	17,819	17,352
12	28	98 867	52 002,141	922 984,376	17,749	17,282
13	29	98 837	49 276,122	870 982,235	17,676	17,208
14	30	98 802	46 690,660	821 706,113	17,599	17,132
15	31	98 757	44 236,513	775 015,453	17,520	17,053
16	32	98 710	41 910,477	730 778,940	17,437	16,969
17	33	98 652	39 702,132	688 868,463	17,351	16,884
18	34	98 589	37 608,456	649 166,331	17,261	16,794
19	35	98 512	35 619,699	611 557,875	17,169	16,702
20	36	98 432	33 735,413	575 938,175	17,072	16,605
21	37	98 344	31 948,231	542 202,763	16,971	16,504
22	38	98 258	30 256,043	510 254,532	16,865	16,397
23	39	98 154	28 648,410	479 998,489	16,755	16,288
24	40	98 055	27 127,453	451 350,079	16,638	16,171
25	41	97 941	25 683,392	424 222,626	16,517	16,050
26	42	97 825	24 315,773	398 539,234	16,390	15,923
27	43	97 703	23 019,264	374 223,460	16,257	15,790
28	44	97 569	21 789,327	351 204,196	16,118	15,651
29	45	97 427	20 623,341	329 414,869	15,973	15,506
30	46	97 264	19 515,480	308 791,528	15,823	15,356
31	47	97 091	18 465,192	289 276,048	15,666	15,199
32	48	96 898	17 467,803	270 810,856	15,503	15,036
33	49	96 683	16 520,286	253 343,053	15,335	14,868
34	50	96 443	15 620,228	236 822,767	15,161	14,694
35	51	96 190	14 767,093	221 202,538	14,979	14,512
36	52	95 907	13 956,047	206 435,445	14,792	14,325
37	53	95 601	13 186,276	192 479,398	14,597	14,130
38	54	95 262	12 454,532	179 293,122	14,396	13,929
39	55	94 886	11 758,574	166 838,590	14,189	13,721
40	56	94 472	11 097,020	155 080,016	13,975	13,508
41	57	94 018	10 467,905	143 982,997	13,755	13,288
42	58	93 524	9 870,067	133 515,091	13,527	13,060
43	59	92 983	9 301,402	123 645,025	13,293	12,826
44	60	92 403	8 761,490	114 343,622	13,051	12,584
45	61	91 750	8 246,061	105 582,132	12,804	12,337
46	62	91 050	7 756,508	97 336,071	12,549	12,082
47	63	90 294	7 291,116	89 579,563	12,286	11,819
48	64	89 472	6 848,114	82 288,447	12,016	11,549
49	65	88 568	6 425,489	75 440,333	11,741	11,274
50	66	87 601	6 024,015	69 014,844	11,457	10,989
51	67	86 545	5 641,120	62 990,830	11,166	10,699
52	68	85 407	5 276,725	57 349,709	10,868	10,401
53	69	84 163	4 928,796	52 072,984	10,565	10,098
54	70	82 800	4 596,171	47 144,188	10,257	9,790
55	71	81 322	4 278,804	42 548,017	9,944	9,477
56	72	79 733	3 976,516	38 269,213	9,624	9,157
57	73	78 035	3 688,913	34 292,697	9,296	8,829
58	74	76 191	3 413,982	30 603,784	8,964	8,497
59	75	74 221	3 152,338	27 189,802	8,625	8,158
60	76	72 143	2 904,344	24 037,464	8,276	7,809
61	77	69 893	2 667,082	21 133,120	7,924	7,456
62	78	67 492	2 441,176	18 466,038	7,564	7,097
63	79	64 856	2 223,526	16 024,862	7,207	6,740
64	80	62 003	2 014,904	13 801,337	6,850	6,382
65	81	58 891	1 813,998	11 786,432	6,497	6,030
66	82	55 508	1 620,670	9 972,434	6,153	5,686
67	83	51 891	1 436,075	8 351,764	5,816	5,349
68	84	48 067	1 260,905	6 915,689	5,485	5,018
69	85	44 073	1 095,860	5 654,783	5,160	4,693
70	86	39 859	939,409	4 558,923	4,853	4,386
71	87	35 573	794,679	3 619,514	4,555	4,088
72	88	31 228	661,262	2 824,835	4,272	3,805
73	89	26 938	540,670	2 163,574	4,002	3,534
74	90	22 775	433,284	1 622,903	3,746	3,278
75	91	18 813	339,244	1 189,619	3,507	3,039
76	92	15 132	258,655	850,375	3,288	2,820
77	93	11 838	191,796	591,720	3,085	2,618
78	94	8 983	137,954	399,924	2,899	2,432
79	95	6 601	96,088	261,971	2,726	2,259
80	96	4 684	64,621	165,883	2,567	2,100
81	97	3 157	41,287	101,261	2,453	1,985
82	98	2 070	25,662	59,975	2,337	1,870
83	99	1 319	15,494	34,312	2,215	1,747
84	100	803	8,944	18,818	2,104	1,637

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 541	99 540,511	1 820 911,831	18,293	17,826
1	18	99 172	94 002,290	1 721 371,320	18,312	17,845
2	19	99 125	89 059,518	1 627 369,030	18,273	17,806
3	20	99 093	84 388,674	1 538 309,512	18,229	17,762
4	21	99 064	79 965,764	1 453 920,838	18,182	17,715
5	22	99 037	75 776,360	1 373 955,074	18,132	17,665
6	23	99 011	71 807,025	1 298 178,714	18,079	17,612
7	24	98 984	68 045,096	1 226 371,689	18,023	17,556
8	25	98 957	64 480,561	1 158 326,593	17,964	17,497
9	26	98 930	61 102,163	1 093 846,032	17,902	17,435
10	27	98 904	57 901,209	1 032 743,869	17,836	17,369
11	28	98 875	54 866,505	974 842,660	17,768	17,300
12	29	98 844	51 989,887	919 976,155	17,695	17,228
13	30	98 811	49 263,370	867 986,267	17,619	17,152
14	31	98 770	46 675,854	818 722,897	17,541	17,073
15	32	98 726	44 222,623	772 047,043	17,458	16,991
16	33	98 676	41 896,117	727 824,421	17,372	16,905
17	34	98 616	39 687,826	685 928,303	17,283	16,816
18	35	98 549	37 593,188	646 240,478	17,190	16,723
19	36	98 471	35 605,019	608 647,290	17,094	16,627
20	37	98 387	33 719,945	573 042,271	16,994	16,527
21	38	98 297	31 933,066	539 322,326	16,889	16,422
22	39	98 198	30 237,791	507 389,260	16,780	16,313
23	40	98 095	28 631,189	477 151,469	16,665	16,198
24	41	97 987	27 108,852	448 520,281	16,545	16,078
25	42	97 868	25 664,380	421 411,429	16,420	15,953
26	43	97 748	24 296,473	395 747,049	16,288	15,821
27	44	97 614	22 998,361	371 450,576	16,151	15,684
28	45	97 474	21 768,179	348 452,215	16,007	15,540
29	46	97 315	20 599,578	326 684,036	15,859	15,392
30	47	97 146	19 491,720	306 084,459	15,703	15,236
31	48	96 958	18 439,889	286 592,739	15,542	15,075
32	49	96 744	17 439,959	268 152,849	15,376	14,909
33	50	96 514	16 491,407	250 712,891	15,203	14,735
34	51	96 264	15 591,281	234 221,483	15,023	14,555
35	52	95 984	14 735,451	218 630,202	14,837	14,370
36	53	95 683	13 923,488	203 894,751	14,644	14,177
37	54	95 356	13 152,418	189 971,263	14,444	13,977
38	55	94 987	12 418,554	176 818,845	14,238	13,771
39	56	94 578	11 720,412	164 400,290	14,027	13,560
40	57	94 134	11 057,326	152 679,878	13,808	13,341
41	58	93 649	10 426,828	141 622,552	13,583	13,115
42	59	93 117	9 827,138	131 195,724	13,350	12,883
43	60	92 546	9 257,626	121 368,586	13,110	12,643
44	61	91 916	8 715,265	112 110,960	12,864	12,397
45	62	91 229	8 199,175	103 395,695	12,610	12,143
46	63	90 491	7 708,926	95 196,520	12,349	11,882
47	64	89 685	7 241,909	87 487,594	12,081	11,614
48	65	88 804	6 796,940	80 245,685	11,806	11,339
49	66	87 862	6 374,275	73 448,745	11,523	11,055
50	67	86 833	5 971,232	67 074,470	11,233	10,766
51	68	85 724	5 587,630	61 103,238	10,935	10,468
52	69	84 513	5 221,500	55 515,608	10,632	10,165
53	70	83 191	4 871,846	50 294,108	10,323	9,856
54	71	81 757	4 538,265	45 422,262	10,009	9,542
55	72	80 208	4 220,177	40 883,997	9,688	9,221
56	73	78 552	3 917,610	36 663,820	9,359	8,892
57	74	76 754	3 628,355	32 746,210	9,025	8,558
58	75	74 832	3 353,066	29 117,855	8,684	8,217
59	76	72 794	3 091,714	25 764,790	8,333	7,866
60	77	70 587	2 841,709	22 673,075	7,979	7,511
61	78	68 230	2 603,615	19 831,366	7,617	7,150
62	79	65 639	2 374,170	17 227,751	7,256	6,789
63	80	62 818	2 153,675	14 853,581	6,897	6,430
64	81	59 742	1 941,438	12 699,906	6,541	6,074
65	82	56 378	1 736,587	10 758,469	6,195	5,728
66	83	52 767	1 540,643	9 021,881	5,856	5,389
67	84	48 948	1 354,633	7 481,238	5,523	5,056
68	85	44 935	1 178,741	6 126,604	5,198	4,730
69	86	40 718	1 012,438	4 947,863	4,887	4,420
70	87	36 384	857,511	3 935,425	4,589	4,122
71	88	32 017	715,254	3 077,914	4,303	3,836
72	89	27 662	585,744	2 362,660	4,034	3,566
73	90	23 449	470,644	1 776,915	3,775	3,308
74	91	19 416	369,385	1 306,272	3,536	3,069
75	92	15 659	282,375	936,887	3,318	2,851
76	93	12 295	210,157	654,512	3,114	2,647
77	94	9 364	151,715	444,355	2,929	2,462
78	95	6 915	106,202	292,639	2,756	2,288
79	96	4 932	71,799	186,438	2,597	2,129
80	97	3 346	46,162	114,639	2,483	2,016
81	98	2 213	28,941	68,477	2,366	1,899
82	99	1 422	17,627	39,535	2,243	1,776
83	100	874	10,273	21,908	2,133	1,665

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 527	99 526,958	1 817 550,949	18,262	17,795
1	19	99 153	93 983,770	1 718 023,991	18,280	17,813
2	20	99 108	89 043,951	1 624 040,221	18,239	17,771
3	21	99 074	84 373,072	1 534 996,270	18,193	17,726
4	22	99 047	79 952,577	1 450 623,198	18,144	17,676
5	23	99 021	75 764,023	1 370 670,620	18,091	17,624
6	24	98 993	71 794,103	1 294 906,597	18,036	17,569
7	25	98 966	68 032,852	1 223 112,495	17,978	17,511
8	26	98 939	64 468,295	1 155 079,643	17,917	17,450
9	27	98 912	61 090,664	1 090 611,348	17,852	17,385
10	28	98 882	57 888,750	1 029 520,684	17,784	17,317
11	29	98 851	54 853,576	971 631,934	17,713	17,246
12	30	98 818	51 976,434	916 778,357	17,638	17,171
13	31	98 780	49 247,748	864 801,923	17,560	17,093
14	32	98 739	46 661,197	815 554,176	17,478	17,011
15	33	98 692	44 207,471	768 892,978	17,393	16,926
16	34	98 641	41 881,021	724 685,508	17,303	16,836
17	35	98 576	39 671,713	682 804,487	17,211	16,744
18	36	98 509	37 577,694	643 132,774	17,115	16,648
19	37	98 426	35 588,694	605 555,080	17,015	16,548
20	38	98 340	33 703,939	569 966,386	16,911	16,444
21	39	98 238	31 913,803	536 262,446	16,803	16,336
22	40	98 139	30 219,613	504 348,644	16,689	16,222
23	41	98 028	28 611,556	474 129,030	16,571	16,104
24	42	97 915	27 088,784	445 517,474	16,447	15,979
25	43	97 791	25 644,009	418 428,690	16,317	15,850
26	44	97 659	24 274,410	392 784,682	16,181	15,714
27	45	97 520	22 976,040	368 510,272	16,039	15,572
28	46	97 362	21 743,097	345 534,232	15,892	15,424
29	47	97 196	20 574,497	323 791,136	15,737	15,270
30	48	97 013	19 465,011	303 216,638	15,578	15,110
31	49	96 804	18 410,495	283 751,628	15,412	14,945
32	50	96 575	17 409,472	265 341,133	15,241	14,774
33	51	96 335	16 460,845	247 931,660	15,062	14,595
34	52	96 058	15 557,874	231 470,815	14,878	14,411
35	53	95 760	14 701,074	215 912,941	14,687	14,220
36	54	95 438	13 887,737	201 211,867	14,488	14,021
37	55	95 080	13 114,425	187 324,130	14,284	13,817
38	56	94 679	12 378,251	174 209,705	14,074	13,607
39	57	94 239	11 678,489	161 831,454	13,857	13,390
40	58	93 765	11 013,936	150 152,966	13,633	13,166
41	59	93 242	10 381,477	139 139,030	13,403	12,935
42	60	92 679	9 780,888	128 757,553	13,164	12,697
43	61	92 057	9 208,784	118 976,665	12,920	12,453
44	62	91 393	8 665,711	109 767,881	12,667	12,200
45	63	90 669	8 148,878	101 102,171	12,407	11,940
46	64	89 881	7 656,899	92 953,293	12,140	11,673
47	65	89 015	7 187,792	85 296,393	11,867	11,400
48	66	88 096	6 742,766	78 108,601	11,584	11,117
49	67	87 092	6 318,423	71 365,835	11,295	10,828
50	68	86 010	5 914,611	65 047,412	10,998	10,531
51	69	84 827	5 529,152	59 132,801	10,695	10,228
52	70	83 536	5 161,168	53 603,650	10,386	9,919
53	71	82 142	4 810,466	48 442,482	10,070	9,603
54	72	80 636	4 476,083	43 632,015	9,748	9,281
55	73	79 020	4 157,661	39 155,933	9,418	8,951
56	74	77 263	3 853,298	34 998,272	9,083	8,615
57	75	75 384	3 563,614	31 144,974	8,740	8,273
58	76	73 392	3 288,582	27 581,360	8,387	7,920
59	77	71 224	3 025,038	24 292,779	8,031	7,563
60	78	68 908	2 774,087	21 267,740	7,667	7,199
61	79	66 357	2 532,151	18 493,654	7,304	6,836
62	80	63 577	2 299,587	15 961,503	6,941	6,474
63	81	60 528	2 075,149	13 661,916	6,584	6,116
64	82	57 193	1 858,589	11 586,767	6,234	5,767
65	83	53 594	1 650,837	9 728,178	5,893	5,426
66	84	49 775	1 453,271	8 077,342	5,558	5,091
67	85	45 759	1 266,361	6 624,070	5,231	4,764
68	86	41 514	1 089,010	5 357,709	4,920	4,453
69	87	37 168	924,174	4 268,699	4,619	4,152
70	88	32 748	771,807	3 344,526	4,333	3,866
71	89	28 361	633,571	2 572,719	4,061	3,593
72	90	24 079	509,880	1 939,148	3,803	3,336
73	91	19 991	401,235	1 429,268	3,562	3,095
74	92	16 161	307,463	1 028,033	3,344	2,876
75	93	12 723	229,429	720,570	3,141	2,674
76	94	9 726	166,239	491,140	2,954	2,487
77	95	7 209	116,796	324,901	2,782	2,315
78	96	5 167	79,356	208,105	2,622	2,155
79	97	3 523	51,289	128,749	2,510	2,043
80	98	2 345	32,359	77,459	2,394	1,927
81	99	1 520	19,879	45,101	2,269	1,802
82	100	943	11,687	25,221	2,158	1,691

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 507	99 507,349	1 813 982,812	18,230	17,762
1	20	99 136	93 967,343	1 714 475,463	18,245	17,778
2	21	99 090	89 027,489	1 620 508,120	18,202	17,735
3	22	99 058	84 359,159	1 531 480,631	18,154	17,687
4	23	99 031	79 939,560	1 447 121,472	18,103	17,636
5	24	99 003	75 750,388	1 367 181,912	18,049	17,581
6	25	98 975	71 781,184	1 291 431,524	17,991	17,524
7	26	98 947	68 019,910	1 219 650,339	17,931	17,464
8	27	98 920	64 456,162	1 151 630,429	17,867	17,400
9	28	98 890	61 077,518	1 087 174,266	17,800	17,333
10	29	98 859	57 875,109	1 026 096,748	17,730	17,262
11	30	98 826	54 839,382	968 221,639	17,656	17,188
12	31	98 787	51 959,951	913 382,257	17,579	17,111
13	32	98 749	49 232,284	861 422,307	17,497	17,030
14	33	98 706	46 645,210	812 190,023	17,412	16,945
15	34	98 657	44 191,541	765 544,813	17,323	16,856
16	35	98 601	41 864,017	721 353,272	17,231	16,764
17	36	98 536	39 655,363	679 489,254	17,135	16,668
18	37	98 463	37 560,465	639 833,892	17,035	16,568
19	38	98 379	35 571,802	602 273,427	16,931	16,464
20	39	98 281	33 683,607	566 701,625	16,824	16,357
21	40	98 179	31 894,618	533 018,018	16,712	16,245
22	41	98 072	30 198,892	501 123,400	16,594	16,127
23	42	97 955	28 590,376	470 924,508	16,471	16,004
24	43	97 837	27 067,282	442 334,132	16,342	15,875
25	44	97 702	25 620,722	415 266,850	16,208	15,741
26	45	97 564	24 250,850	389 646,128	16,067	15,600
27	46	97 407	22 949,566	365 395,278	15,922	15,454
28	47	97 244	21 716,624	342 445,712	15,769	15,302
29	48	97 063	20 546,304	320 729,088	15,610	15,143
30	49	96 858	19 433,982	300 182,784	15,446	14,979
31	50	96 634	18 378,312	280 748,802	15,276	14,809
32	51	96 396	17 377,209	262 370,489	15,099	14,631
33	52	96 128	16 425,575	244 993,280	14,915	14,448
34	53	95 834	15 521,578	228 567,705	14,726	14,259
35	54	95 514	14 663,326	213 046,128	14,529	14,062
36	55	95 162	13 847,620	198 382,801	14,326	13,859
37	56	94 772	13 071,863	184 535,181	14,117	13,650
38	57	94 340	12 333,974	171 463,319	13,902	13,435
39	58	93 870	11 632,661	159 129,345	13,680	13,212
40	59	93 357	10 966,032	147 496,684	13,450	12,983
41	60	92 803	10 332,618	136 530,652	13,214	12,746
42	61	92 190	9 729,284	126 198,034	12,971	12,504
43	62	91 534	9 156,424	116 468,750	12,720	12,253
44	63	90 832	8 612,552	107 312,326	12,460	11,993
45	64	90 057	8 093,882	98 699,775	12,194	11,727
46	65	89 209	7 599,682	90 605,893	11,922	11,455
47	66	88 305	7 130,502	83 006,211	11,641	11,174
48	67	87 324	6 683,685	75 875,709	11,352	10,885
49	68	86 266	6 258,510	69 192,024	11,056	10,588
50	69	85 110	5 852,711	62 933,514	10,753	10,286
51	70	83 847	5 465,265	57 080,803	10,444	9,977
52	71	82 484	5 096,144	51 615,538	10,128	9,661
53	72	81 017	4 744,554	46 519,395	9,805	9,338
54	73	79 442	4 409,776	41 774,840	9,473	9,006
55	74	77 722	4 089,408	37 365,065	9,137	8,670
56	75	75 884	3 784,543	33 275,656	8,793	8,325
57	76	73 935	3 495,081	29 491,114	8,438	7,971
58	77	71 810	3 217,660	25 996,033	8,079	7,612
59	78	69 529	2 953,053	22 778,373	7,713	7,246
60	79	67 016	2 697,943	19 825,320	7,348	6,881
61	80	64 273	2 452,605	17 127,376	6,983	6,516
62	81	61 259	2 215,740	14 674,772	6,623	6,156
63	82	57 945	1 986,594	12 459,031	6,272	5,804
64	83	54 369	1 766,814	10 472,437	5,927	5,460
65	84	50 554	1 557,215	8 705,623	5,591	5,123
66	85	46 531	1 358,572	7 148,408	5,262	4,795
67	86	42 275	1 169,960	5 789,836	4,949	4,482
68	87	37 895	994,070	4 619,876	4,647	4,180
69	88	33 454	831,807	3 625,807	4,359	3,892
70	89	29 008	683,665	2 794,000	4,087	3,620
71	90	24 688	551,512	2 110,335	3,826	3,359
72	91	20 528	434,685	1 558,823	3,586	3,119
73	92	16 640	333,974	1 124,138	3,366	2,899
74	93	13 131	249,813	790,164	3,163	2,696
75	94	10 064	181,484	540,351	2,977	2,510
76	95	7 487	127,977	358,866	2,804	2,337
77	96	5 387	87,273	230,889	2,646	2,178
78	97	3 691	56,688	143,617	2,533	2,066
79	98	2 470	35,953	86,929	2,418	1,951
80	99	1 611	22,227	50,976	2,293	1,826
81	100	1 008	13,181	28,749	2,181	1,714

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 490	99 489,956	1 810 202,887	18,195	17,728
1	21	99 117	93 949,970	1 710 712,931	18,209	17,742
2	22	99 073	89 012,809	1 616 762,961	18,163	17,696
3	23	99 042	84 345,425	1 527 750,152	18,113	17,646
4	24	99 013	79 925,174	1 443 404,728	18,059	17,592
5	25	98 985	75 736,758	1 363 479,553	18,003	17,536
6	26	98 956	71 767,530	1 287 742,796	17,943	17,476
7	27	98 929	68 007,109	1 215 975,266	17,880	17,413
8	28	98 899	64 442,293	1 147 968,157	17,814	17,347
9	29	98 867	61 063,126	1 083 525,864	17,744	17,277
10	30	98 833	57 860,133	1 022 462,738	17,671	17,204
11	31	98 794	54 821,991	964 602,606	17,595	17,128
12	32	98 756	51 943,635	909 780,615	17,515	17,048
13	33	98 715	49 215,415	857 836,980	17,430	16,963
14	34	98 670	46 628,402	808 621,564	17,342	16,875
15	35	98 617	44 173,600	761 993,162	17,250	16,783
16	36	98 560	41 846,764	717 819,562	17,154	16,686
17	37	98 491	39 637,181	675 972,799	17,054	16,587
18	38	98 417	37 542,636	636 335,618	16,950	16,482
19	39	98 320	35 550,343	598 792,982	16,844	16,376
20	40	98 222	33 663,359	563 242,638	16,732	16,264
21	41	98 112	31 872,748	529 579,280	16,615	16,148
22	42	97 999	30 176,537	497 706,532	16,493	16,026
23	43	97 877	28 567,682	467 529,995	16,366	15,899
24	44	97 748	27 042,703	438 962,313	16,232	15,765
25	45	97 607	25 595,855	411 919,610	16,093	15,626
26	46	97 452	24 222,907	386 323,754	15,949	15,482
27	47	97 289	22 921,624	362 100,848	15,797	15,330
28	48	97 110	21 686,866	339 179,223	15,640	15,173
29	49	96 909	20 513,552	317 492,357	15,477	15,010
30	50	96 689	19 400,010	296 978,805	15,308	14,841
31	51	96 455	18 344,253	277 578,795	15,132	14,664
32	52	96 189	17 339,975	259 234,541	14,950	14,483
33	53	95 904	16 387,255	241 894,566	14,761	14,294
34	54	95 588	15 481,723	225 507,312	14,566	14,099
35	55	95 238	14 620,969	210 025,588	14,365	13,897
36	56	94 853	13 802,678	195 404,620	14,157	13,690
37	57	94 433	13 025,105	181 601,942	13,942	13,475
38	58	93 970	12 285,574	168 576,837	13,722	13,254
39	59	93 461	11 582,065	156 291,263	13,494	13,027
40	60	92 918	10 914,422	144 709,197	13,259	12,791
41	61	92 313	10 278,104	133 794,776	13,017	12,550
42	62	91 666	9 673,965	123 516,672	12,768	12,301
43	63	90 972	9 100,254	113 842,707	12,510	12,043
44	64	90 219	8 554,426	104 742,453	12,244	11,777
45	65	89 384	8 033,399	96 188,027	11,974	11,506
46	66	88 498	7 539,109	88 154,628	11,693	11,226
47	67	87 531	7 068,024	80 615,519	11,406	10,938
48	68	86 496	6 620,309	73 547,495	11,109	10,642
49	69	85 364	6 193,011	66 927,186	10,807	10,340
50	70	84 126	5 785,085	60 734,175	10,498	10,031
51	71	82 790	5 396,409	54 949,090	10,183	9,715
52	72	81 354	5 026,317	49 552,681	9,859	9,391
53	73	79 817	4 674,270	44 526,364	9,526	9,059
54	74	78 138	4 337,384	39 852,094	9,188	8,721
55	75	76 336	4 016,440	35 514,709	8,842	8,375
56	76	74 425	3 711,761	31 498,269	8,486	8,019
57	77	72 340	3 419,706	27 786,509	8,125	7,658
58	78	70 101	3 141,091	24 366,803	7,757	7,290
59	79	67 621	2 871,998	21 225,711	7,391	6,923
60	80	64 911	2 613,189	18 353,714	7,023	6,556
61	81	61 929	2 363,179	15 740,525	6,661	6,194
62	82	58 645	2 121,186	13 377,346	6,307	5,839
63	83	55 083	1 888,498	11 256,160	5,960	5,493
64	84	51 285	1 666,615	9 367,662	5,621	5,154
65	85	47 260	1 455,742	7 701,046	5,290	4,823
66	86	42 989	1 255,151	6 245,304	4,976	4,509
67	87	38 590	1 067,963	4 990,153	4,673	4,205
68	88	34 108	894,717	3 922,190	4,384	3,917
69	89	29 633	736,813	3 027,473	4,109	3,642
70	90	25 251	595,118	2 290,660	3,849	3,382
71	91	21 047	470,177	1 695,542	3,606	3,139
72	92	17 087	361,817	1 225,365	3,387	2,920
73	93	13 520	271,353	863,549	3,182	2,715
74	94	10 387	197,609	592,195	2,997	2,530
75	95	7 748	139,713	394,586	2,824	2,357
76	96	5 595	95,627	254,873	2,665	2,198
77	97	3 848	62,343	159,246	2,554	2,087
78	98	2 588	39,737	96,903	2,439	1,971
79	99	1 697	24,695	57,166	2,315	1,848
80	100	1 068	14,737	32,471	2,203	1,736

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 472	99 471,563	1 806 197,690	18,158	17,691
1	22	99 101	93 934,478	1 706 726,128	18,169	17,702
2	23	99 057	88 998,317	1 612 791,650	18,122	17,654
3	24	99 024	84 330,246	1 523 793,333	18,069	17,602
4	25	98 995	79 910,793	1 439 463,088	18,013	17,546
5	26	98 966	75 722,351	1 359 552,295	17,954	17,487
6	27	98 938	71 754,023	1 283 829,944	17,892	17,425
7	28	98 907	67 992,475	1 212 075,921	17,827	17,359
8	29	98 875	64 427,107	1 144 083,446	17,758	17,291
9	30	98 841	61 047,324	1 079 656,338	17,686	17,218
10	31	98 802	57 841,784	1 018 609,014	17,610	17,143
11	32	98 763	54 804,777	960 767,230	17,531	17,064
12	33	98 722	51 925,838	905 962,453	17,447	16,980
13	34	98 679	49 197,681	854 036,616	17,359	16,892
14	35	98 630	46 609,471	804 838,934	17,268	16,801
15	36	98 576	44 155,395	758 229,463	17,172	16,705
16	37	98 515	41 827,577	714 074,069	17,072	16,605
17	38	98 444	39 618,367	672 246,492	16,968	16,501
18	39	98 357	37 519,989	632 628,125	16,861	16,394
19	40	98 261	35 528,972	595 108,136	16,750	16,283
20	41	98 154	33 640,276	559 579,164	16,634	16,167
21	42	98 039	31 849,154	525 938,888	16,513	16,046
22	43	97 922	30 152,584	494 089,735	16,386	15,919
23	44	97 788	28 541,741	463 937,151	16,255	15,788
24	45	97 653	27 016,456	435 395,410	16,116	15,649
25	46	97 495	25 566,363	408 378,954	15,973	15,506
26	47	97 333	24 193,415	382 812,591	15,823	15,356
27	48	97 155	22 890,215	358 619,176	15,667	15,200
28	49	96 956	21 652,296	335 728,961	15,505	15,038
29	50	96 739	20 477,693	314 076,665	15,338	14,870
30	51	96 510	19 364,058	293 598,972	15,162	14,695
31	52	96 249	18 304,947	274 234,914	14,981	14,514
32	53	95 965	17 299,522	255 929,966	14,794	14,327
33	54	95 658	16 345,177	238 630,445	14,599	14,132
34	55	95 312	15 437,001	222 285,267	14,400	13,932
35	56	94 929	14 573,517	206 848,266	14,193	13,726
36	57	94 514	13 753,306	192 274,749	13,980	13,513
37	58	94 062	12 973,993	178 521,443	13,760	13,293
38	59	93 561	12 232,139	165 547,450	13,534	13,067
39	60	93 021	11 527,556	153 315,311	13,300	12,833
40	61	92 428	10 856,837	141 787,755	13,060	12,593
41	62	91 788	10 219,664	130 930,917	12,812	12,344
42	63	91 104	9 614,620	120 711,254	12,555	12,088
43	64	90 358	9 038,837	111 096,633	12,291	11,824
44	65	89 545	8 490,502	102 057,796	12,020	11,553
45	66	88 672	7 969,369	93 567,294	11,741	11,274
46	67	87 723	7 473,050	85 597,925	11,454	10,987
47	68	86 701	7 001,003	78 124,874	11,159	10,692
48	69	85 591	6 551,023	71 123,871	10,857	10,390
49	70	84 377	6 121,453	64 572,848	10,549	10,081
50	71	83 067	5 712,200	58 451,395	10,233	9,766
51	72	81 656	5 322,468	52 739,195	9,909	9,442
52	73	80 149	4 951,860	47 416,727	9,576	9,108
53	74	78 506	4 597,537	42 464,867	9,236	8,769
54	75	76 743	4 259,992	37 867,330	8,889	8,422
55	76	74 867	3 939,198	33 607,339	8,532	8,064
56	77	72 820	3 631,713	29 668,140	8,169	7,702
57	78	70 619	3 338,329	26 036,427	7,799	7,332
58	79	68 177	3 054,874	22 698,098	7,430	6,963
59	80	65 496	2 781,775	19 643,224	7,061	6,594
60	81	62 544	2 517,908	16 861,448	6,697	6,229
61	82	59 287	2 262,333	14 343,540	6,340	5,873
62	83	55 749	2 016,444	12 081,207	5,991	5,524
63	84	51 960	1 781,399	10 064,763	5,650	5,183
64	85	47 943	1 558,014	8 283,364	5,317	4,849
65	86	43 662	1 344,924	6 725,351	5,001	4,533
66	87	39 241	1 145,727	5 380,427	4,696	4,229
67	88	34 733	961,225	4 234,700	4,406	3,938
68	89	30 213	792,538	3 273,475	4,130	3,663
69	90	25 795	641,382	2 480,936	3,868	3,401
70	91	21 527	507,352	1 839,554	3,626	3,159
71	92	17 519	391,359	1 332,202	3,404	2,937
72	93	13 883	293,975	940,842	3,200	2,733
73	94	10 694	214,648	646,867	3,014	2,546
74	95	7 996	152,126	432,220	2,841	2,374
75	96	5 789	104,397	280,093	2,683	2,216
76	97	3 996	68,311	175,697	2,572	2,105
77	98	2 697	43,701	107,386	2,457	1,990
78	99	1 777	27,295	63,684	2,333	1,866
79	100	1 125	16,374	36,390	2,222	1,755

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 455	99 455,160	1 801 956,437	18,118	17,651
1	23	99 085	93 919,185	1 702 501,277	18,127	17,660
2	24	99 040	88 982,300	1 608 582,093	18,078	17,610
3	25	99 006	84 315,071	1 519 599,792	18,023	17,556
4	26	98 977	79 895,592	1 435 284,721	17,965	17,497
5	27	98 947	75 708,100	1 355 389,129	17,903	17,436
6	28	98 916	71 738,583	1 279 681,029	17,838	17,371
7	29	98 884	67 976,453	1 207 942,446	17,770	17,303
8	30	98 850	64 410,435	1 139 965,993	17,698	17,231
9	31	98 810	61 027,965	1 075 555,557	17,624	17,157
10	32	98 771	57 823,621	1 014 527,593	17,545	17,078
11	33	98 729	54 785,999	956 703,972	17,463	16,995
12	34	98 686	51 907,127	901 917,973	17,376	16,908
13	35	98 639	49 177,707	850 010,845	17,284	16,817
14	36	98 589	46 590,262	800 833,138	17,189	16,722
15	37	98 531	44 135,149	754 242,876	17,089	16,622
16	38	98 468	41 807,723	710 107,726	16,985	16,518
17	39	98 384	39 594,467	668 300,004	16,879	16,411
18	40	98 298	37 497,434	628 705,537	16,767	16,299
19	41	98 193	35 504,610	591 208,103	16,652	16,184
20	42	98 082	33 615,373	555 703,493	16,531	16,064
21	43	97 961	31 823,873	522 088,120	16,406	15,938
22	44	97 833	30 125,203	490 264,247	16,274	15,807
23	45	97 693	28 514,039	460 139,043	16,137	15,670
24	46	97 541	26 985,327	431 625,004	15,995	15,528
25	47	97 376	25 535,235	404 639,677	15,846	15,379
26	48	97 200	24 160,263	379 104,442	15,691	15,224
27	49	97 000	22 853,727	354 944,179	15,531	15,064
28	50	96 786	21 614,446	332 090,453	15,364	14,897
29	51	96 560	20 439,744	310 476,006	15,190	14,723
30	52	96 303	19 322,567	290 036,263	15,010	14,543
31	53	96 024	18 262,242	270 713,696	14,824	14,356
32	54	95 719	17 255,102	252 451,453	14,631	14,163
33	55	95 382	16 297,961	235 196,351	14,431	13,964
34	56	95 002	15 386,901	218 898,390	14,226	13,759
35	57	94 590	14 521,388	203 511,489	14,015	13,547
36	58	94 143	13 699,337	188 990,101	13,796	13,328
37	59	93 653	12 917,564	175 290,764	13,570	13,103
38	60	93 121	12 174,570	162 373,200	13,337	12,870
39	61	92 531	11 466,737	150 198,630	13,099	12,631
40	62	91 902	10 795,107	138 731,893	12,851	12,384
41	63	91 225	10 156,972	127 936,786	12,596	12,129
42	64	90 489	9 549,732	117 779,815	12,333	11,866
43	65	89 683	8 971,293	108 230,082	12,064	11,597
44	66	88 831	8 422,829	99 258,789	11,784	11,317
45	67	87 895	7 899,541	90 835,960	11,499	11,032
46	68	86 891	7 402,189	82 936,419	11,204	10,737
47	69	85 794	6 927,733	75 534,230	10,903	10,436
48	70	84 602	6 475,328	68 606,497	10,595	10,128
49	71	83 314	6 044,330	62 131,169	10,279	9,812
50	72	81 928	5 633,933	56 086,838	9,955	9,488
51	73	80 446	5 243,624	50 452,906	9,622	9,155
52	74	78 833	4 870,569	45 209,282	9,282	8,815
53	75	77 106	4 515,502	40 338,713	8,933	8,466
54	76	75 268	4 178,066	35 823,211	8,574	8,107
55	77	73 253	3 854,246	31 645,145	8,210	7,743
56	78	71 087	3 545,291	27 790,899	7,839	7,372
57	79	68 680	3 246,698	24 245,608	7,468	7,001
58	80	66 035	2 958,907	20 998,910	7,097	6,630
59	81	63 108	2 680,348	18 040,002	6,730	6,263
60	82	59 875	2 410,459	15 359,655	6,372	5,905
61	83	56 359	2 150,621	12 949,195	6,021	5,554
62	84	52 588	1 902,089	10 798,574	5,677	5,210
63	85	48 574	1 665,317	8 896,485	5,342	4,875
64	86	44 294	1 439,410	7 231,168	5,024	4,557
65	87	39 856	1 227,674	5 791,758	4,718	4,250
66	88	35 319	1 031,217	4 564,084	4,426	3,959
67	89	30 766	851,451	3 532,867	4,149	3,682
68	90	26 299	689,891	2 681,416	3,887	3,420
69	91	21 991	546,794	1 991,526	3,642	3,175
70	92	17 918	422,303	1 444,732	3,421	2,954
71	93	14 234	317,979	1 022,429	3,215	2,748
72	94	10 982	232,542	704,451	3,029	2,562
73	95	8 233	165,243	471,909	2,856	2,389
74	96	5 975	113,672	306,666	2,698	2,231
75	97	4 136	74,576	192,993	2,588	2,121
76	98	2 801	47,885	118,418	2,473	2,006
77	99	1 853	30,018	70,533	2,350	1,883
78	100	1 178	18,097	40,516	2,239	1,772

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 439	99 438,968	1 797 464,627	18,076	17,609
1	24	99 067	93 902,283	1 698 025,659	18,083	17,616
2	25	99 022	88 966,289	1 604 123,377	18,031	17,564
3	26	98 987	84 299,033	1 515 157,088	17,974	17,506
4	27	98 958	79 880,556	1 430 858,055	17,912	17,445
5	28	98 926	75 691,809	1 350 977,500	17,848	17,381
6	29	98 893	71 721,678	1 275 285,691	17,781	17,314
7	30	98 858	67 958,863	1 203 564,012	17,710	17,243
8	31	98 818	64 390,009	1 135 605,149	17,636	17,169
9	32	98 779	61 008,802	1 071 215,140	17,558	17,091
10	33	98 737	57 803,809	1 010 206,338	17,476	17,009
11	34	98 694	54 766,258	952 402,529	17,390	16,923
12	35	98 646	51 886,053	897 636,271	17,300	16,833
13	36	98 599	49 157,440	845 750,218	17,205	16,738
14	37	98 544	46 568,900	796 592,778	17,106	16,638
15	38	98 484	44 114,200	750 023,878	17,002	16,535
16	39	98 409	41 782,502	705 909,678	16,895	16,428
17	40	98 325	39 570,665	664 127,175	16,783	16,316
18	41	98 231	37 471,722	624 556,511	16,667	16,200
19	42	98 121	35 478,327	587 084,789	16,548	16,081
20	43	98 004	33 588,691	551 606,461	16,422	15,955
21	44	97 872	31 794,975	518 017,771	16,292	15,825
22	45	97 738	30 095,965	486 222,796	16,156	15,689
23	46	97 581	28 481,184	456 126,831	16,015	15,548
24	47	97 422	26 952,472	427 645,647	15,867	15,399
25	48	97 242	25 500,244	400 693,175	15,713	15,246
26	49	97 045	24 121,750	375 192,931	15,554	15,087
27	50	96 831	22 813,777	351 071,181	15,389	14,921
28	51	96 607	21 574,390	328 257,404	15,215	14,748
29	52	96 353	20 395,948	306 683,014	15,036	14,569
30	53	96 078	19 277,488	286 287,066	14,851	14,384
31	54	95 778	18 215,351	267 009,578	14,658	14,191
32	55	95 442	17 205,257	248 794,227	14,460	13,993
33	56	95 072	16 245,067	231 588,970	14,256	13,789
34	57	94 663	15 331,863	215 343,903	14,046	13,578
35	58	94 219	14 464,404	200 012,040	13,828	13,361
36	59	93 734	13 639,753	185 547,636	13,603	13,136
37	60	93 212	12 856,769	171 907,883	13,371	12,904
38	61	92 630	12 110,338	159 051,114	13,133	12,666
39	62	92 005	11 401,539	146 940,776	12,888	12,421
40	63	91 338	10 728,885	135 539,238	12,633	12,166
41	64	90 610	10 088,423	124 810,353	12,372	11,904
42	65	89 813	9 478,370	114 721,930	12,104	11,636
43	66	88 968	8 899,788	105 243,559	11,825	11,358
44	67	88 053	8 349,027	96 343,771	11,540	11,072
45	68	87 061	7 824,636	87 994,744	11,246	10,779
46	69	85 981	7 324,720	80 170,108	10,945	10,478
47	70	84 803	6 847,686	72 845,388	10,638	10,171
48	71	83 536	6 393,747	65 997,702	10,322	9,855
49	72	82 173	5 961,512	59 603,955	9,998	9,531
50	73	80 715	5 550,474	53 642,443	9,664	9,197
51	74	79 126	5 157,543	48 091,969	9,325	8,857
52	75	77 426	4 783,663	42 934,426	8,975	8,508
53	76	75 623	4 428,663	38 150,763	8,615	8,147
54	77	73 644	4 087,962	33 722,100	8,249	7,782
55	78	71 510	3 762,528	29 634,138	7,876	7,409
56	79	69 136	3 447,980	25 871,610	7,503	7,036
57	80	66 523	3 144,705	22 423,630	7,131	6,663
58	81	63 627	2 851,021	19 278,925	6,762	6,295
59	82	60 415	2 565,967	16 427,904	6,402	5,935
60	83	56 919	2 291,433	13 861,937	6,049	5,582
61	84	53 163	2 028,657	11 570,504	5,704	5,236
62	85	49 161	1 778,143	9 541,847	5,366	4,899
63	86	44 876	1 538,545	7 763,704	5,046	4,579
64	87	40 432	1 313,923	6 225,159	4,738	4,271
65	88	35 873	1 104,973	4 911,236	4,445	3,977
66	89	31 286	913,450	3 806,263	4,167	3,700
67	90	26 781	741,173	2 892,813	3,903	3,436
68	91	22 421	588,148	2 151,641	3,658	3,191
69	92	18 304	455,132	1 563,492	3,435	2,968
70	93	14 559	343,120	1 108,360	3,230	2,763
71	94	11 259	251,529	765,240	3,042	2,575
72	95	8 454	179,019	513,711	2,870	2,402
73	96	6 152	123,473	334,692	2,711	2,243
74	97	4 268	81,201	211,218	2,601	2,134
75	98	2 899	52,276	130,017	2,487	2,020
76	99	1 924	32,891	77,741	2,364	1,896
77	100	1 228	19,903	44,850	2,253	1,786

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 421	99 421,072	1 792 708,877	18,031	17,564
1	25	99 049	93 885,386	1 693 287,805	18,036	17,569
2	26	99 003	88 949,365	1 599 402,419	17,981	17,514
3	27	98 969	84 283,168	1 510 453,053	17,921	17,454
4	28	98 937	79 863,367	1 426 169,885	17,858	17,390
5	29	98 903	75 673,973	1 346 306,519	17,791	17,324
6	30	98 867	71 703,119	1 270 632,546	17,721	17,254
7	31	98 827	67 937,312	1 198 929,427	17,648	17,180
8	32	98 787	64 369,791	1 130 992,115	17,570	17,103
9	33	98 745	60 987,898	1 066 622,325	17,489	17,022
10	34	98 702	57 782,981	1 005 634,426	17,404	16,936
11	35	98 654	54 744,023	947 851,446	17,314	16,847
12	36	98 605	51 864,669	893 107,423	17,220	16,753
13	37	98 554	49 134,901	841 242,754	17,121	16,654
14	38	98 497	46 546,796	792 107,852	17,017	16,550
15	39	98 425	44 087,588	745 561,057	16,911	16,444
16	40	98 350	41 757,385	701 473,468	16,799	16,332
17	41	98 258	39 543,531	659 716,083	16,683	16,216
18	42	98 158	37 443,983	620 172,552	16,563	16,095
19	43	98 043	35 450,166	582 728,569	16,438	15,971
20	44	97 915	33 558,190	547 278,403	16,308	15,841
21	45	97 777	31 764,115	513 720,213	16,173	15,706
22	46	97 625	30 061,287	481 956,098	16,032	15,565
23	47	97 462	28 446,508	451 894,811	15,886	15,419
24	48	97 289	26 915,539	423 448,303	15,732	15,265
25	49	97 087	25 459,596	396 532,764	15,575	15,108
26	50	96 875	24 079,584	371 073,168	15,410	14,943
27	51	96 651	22 771,498	346 993,585	15,238	14,771
28	52	96 400	21 528,163	324 222,086	15,060	14,593
29	53	96 128	20 348,365	302 693,923	14,876	14,408
30	54	95 831	19 227,990	282 345,559	14,684	14,217
31	55	95 501	18 162,732	263 117,569	14,487	14,019
32	56	95 132	17 149,418	244 954,837	14,284	13,816
33	57	94 732	16 186,959	227 805,418	14,073	13,606
34	58	94 291	15 271,699	211 618,459	13,857	13,390
35	59	93 809	14 401,493	196 346,761	13,634	13,167
36	60	93 292	13 575,559	181 945,268	13,402	12,935
37	61	92 720	12 788,937	168 369,709	13,165	12,698
38	62	92 103	12 041,480	155 580,772	12,920	12,453
39	63	91 440	11 331,597	143 539,292	12,667	12,200
40	64	90 722	10 656,477	132 207,696	12,406	11,939
41	65	89 932	10 013,036	121 551,219	12,139	11,672
42	66	89 097	9 402,823	111 538,183	11,862	11,395
43	67	88 189	8 821,807	102 135,359	11,578	11,110
44	68	87 218	8 269,860	93 313,552	11,284	10,816
45	69	86 150	7 742,746	85 043,693	10,984	10,516
46	70	84 988	7 240,086	77 300,947	10,677	10,210
47	71	83 734	6 761,414	70 060,861	10,362	9,895
48	72	82 391	6 306,141	63 299,447	10,038	9,571
49	73	80 955	5 873,201	56 993,306	9,704	9,237
50	74	79 390	5 459,356	51 120,105	9,364	8,897
51	75	77 714	5 065,517	45 660,749	9,014	8,547
52	76	75 937	4 691,666	40 595,232	8,653	8,185
53	77	73 992	4 333,155	35 903,566	8,286	7,819
54	78	71 892	3 990,683	31 570,412	7,911	7,444
55	79	69 547	3 659,254	27 579,729	7,537	7,070
56	80	66 964	3 339,663	23 920,474	7,163	6,695
57	81	64 097	3 030,044	20 580,811	6,792	6,325
58	82	60 912	2 729,357	17 550,766	6,430	5,963
59	83	57 432	2 439,262	14 821,409	6,076	5,609
60	84	53 691	2 161,483	12 382,147	5,729	5,261
61	85	49 699	1 896,463	10 220,664	5,389	4,922
62	86	45 418	1 642,782	8 324,201	5,067	4,600
63	87	40 964	1 404,415	6 681,419	4,757	4,290
64	88	36 391	1 182,602	5 277,004	4,462	3,995
65	89	31 776	978,783	4 094,402	4,183	3,716
66	90	27 234	795,141	3 115,619	3,918	3,451
67	91	22 832	631,868	2 320,478	3,672	3,205
68	92	18 662	489,554	1 688,610	3,449	2,982
69	93	14 872	369,794	1 199,056	3,242	2,775
70	94	11 516	271,417	829,262	3,055	2,588
71	95	8 668	193,636	557,845	2,881	2,414
72	96	6 317	133,767	364,209	2,723	2,256
73	97	4 395	88,203	230,442	2,613	2,145
74	98	2 992	56,921	142,239	2,499	2,032
75	99	1 991	35,907	85,318	2,376	1,909
76	100	1 276	21,808	49,411	2,266	1,799

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 403	99 403,183	1 787 677,138	17,984	17,517
1	26	99 030	93 867,527	1 688 273,956	17,986	17,519
2	27	98 984	88 932,625	1 594 406,429	17,928	17,461
3	28	98 947	84 265,032	1 505 473,803	17,866	17,399
4	29	98 913	79 844,547	1 421 208,772	17,800	17,333
5	30	98 877	75 654,391	1 341 364,224	17,730	17,263
6	31	98 836	71 680,380	1 265 709,834	17,658	17,191
7	32	98 796	67 915,979	1 194 029,454	17,581	17,114
8	33	98 754	64 347,736	1 126 113,475	17,500	17,033
9	34	98 710	60 965,922	1 061 765,739	17,416	16,949
10	35	98 662	57 759,521	1 000 799,817	17,327	16,860
11	36	98 613	54 721,461	943 040,296	17,233	16,766
12	37	98 560	51 840,889	888 318,834	17,135	16,668
13	38	98 507	49 111,579	836 477,945	17,032	16,565
14	39	98 438	46 518,716	787 366,366	16,926	16,459
15	40	98 365	44 061,085	740 847,650	16,814	16,347
16	41	98 282	41 728,752	696 786,565	16,698	16,231
17	42	98 185	39 514,259	655 057,812	16,578	16,111
18	43	98 080	37 414,262	615 543,554	16,452	15,985
19	44	97 954	35 417,975	578 129,292	16,323	15,856
20	45	97 820	33 525,619	542 711,317	16,188	15,721
21	46	97 665	31 727,516	509 185,698	16,049	15,582
22	47	97 506	30 024,687	477 458,182	15,902	15,435
23	48	97 328	28 407,528	447 433,496	15,751	15,283
24	49	97 134	26 872,634	419 025,968	15,593	15,126
25	50	96 918	25 415,090	392 153,334	15,430	14,963
26	51	96 696	24 034,959	366 738,243	15,259	14,791
27	52	96 444	22 722,706	342 703,284	15,082	14,615
28	53	96 175	21 477,938	319 980,578	14,898	14,431
29	54	95 881	20 296,117	298 502,640	14,707	14,240
30	55	95 555	19 172,446	278 206,523	14,511	14,044
31	56	95 191	18 103,786	259 034,077	14,308	13,841
32	57	94 792	17 088,076	240 930,291	14,099	13,632
33	58	94 360	16 123,439	223 842,215	13,883	13,416
34	59	93 881	15 205,276	207 718,776	13,661	13,194
35	60	93 367	14 333,714	192 513,500	13,431	12,964
36	61	92 800	13 503,935	178 179,786	13,195	12,727
37	62	92 193	12 716,221	164 675,851	12,950	12,483
38	63	91 538	11 967,612	151 959,630	12,698	12,230
39	64	90 823	11 255,121	139 992,019	12,438	11,971
40	65	90 044	10 576,844	128 736,898	12,172	11,704
41	66	89 216	9 933,228	118 160,053	11,895	11,428
42	67	88 316	9 320,435	108 226,826	11,612	11,145
43	68	87 353	8 738,157	98 906,391	11,319	10,852
44	69	86 305	8 183,310	90 168,234	11,019	10,551
45	70	85 155	7 653,281	81 984,924	10,712	10,245
46	71	83 917	7 148,870	74 331,643	10,398	9,930
47	72	82 587	6 668,770	67 182,773	10,074	9,607
48	73	81 171	6 212,725	60 514,003	9,740	9,273
49	74	79 626	5 776,785	54 301,278	9,400	8,933
50	75	77 973	5 361,944	48 524,493	9,050	8,583
51	76	76 219	4 968,100	43 162,549	8,688	8,221
52	77	74 300	4 590,486	38 194,449	8,320	7,853
53	78	72 231	4 230,041	33 603,963	7,944	7,477
54	79	69 919	3 881,147	29 373,922	7,568	7,101
55	80	67 362	3 544,301	25 492,776	7,193	6,725
56	81	64 522	3 217,894	21 948,475	6,821	6,354
57	82	61 362	2 900,741	18 730,580	6,457	5,990
58	83	57 904	2 594,584	15 829,840	6,101	5,634
59	84	54 175	2 300,928	13 235,256	5,752	5,285
60	85	50 192	2 020,634	10 934,327	5,411	4,944
61	86	45 915	1 752,095	8 913,694	5,087	4,620
62	87	41 459	1 499,564	7 161,598	4,776	4,309
63	88	36 870	1 264,050	5 662,034	4,479	4,012
64	89	32 235	1 047,546	4 397,984	4,198	3,731
65	90	27 660	852,013	3 350,437	3,932	3,465
66	91	23 217	677,877	2 498,424	3,686	3,218
67	92	19 004	525,945	1 820,547	3,461	2,994
68	93	15 163	397,762	1 294,602	3,255	2,788
69	94	11 764	292,517	896,840	3,066	2,599
70	95	8 866	208,946	604,324	2,892	2,425
71	96	6 477	144,689	395,378	2,733	2,265
72	97	4 513	95,556	250,688	2,623	2,156
73	98	3 080	61,829	155,132	2,509	2,042
74	99	2 055	39,098	93,304	2,386	1,919
75	100	1 320	23,808	54,206	2,277	1,810

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1	0	99 644	94 449,074	1 755 850,377	18,590	18,123
2	1	99 317	89 231,463	1 661 401,303	18,619	18,152
3	2	99 277	84 545,415	1 572 169,839	18,596	18,128
4	3	99 254	80 119,150	1 487 624,424	18,568	18,100
5	4	99 233	75 926,401	1 407 505,274	18,538	18,071
6	5	99 213	71 954,037	1 331 578,873	18,506	18,039
7	6	99 195	68 190,604	1 259 624,836	18,472	18,005
8	7	99 178	64 624,359	1 191 434,233	18,436	17,969
9	8	99 165	61 247,232	1 126 809,874	18,398	17,931
10	9	99 150	58 045,558	1 065 562,642	18,357	17,890
11	10	99 136	55 011,762	1 007 517,083	18,315	17,847
12	11	99 123	52 136,765	952 505,321	18,269	17,802
13	12	99 108	49 411,511	900 368,557	18,222	17,755
14	13	99 091	46 827,387	850 957,046	18,172	17,705
15	14	99 068	44 375,946	804 129,659	18,121	17,654
16	15	99 043	42 051,906	759 753,712	18,067	17,600
17	16	99 007	39 844,914	717 701,806	18,012	17,545
18	17	98 965	37 751,755	677 856,892	17,956	17,488
19	18	98 914	35 765,072	640 105,138	17,897	17,430
20	19	98 855	33 880,384	604 340,066	17,837	17,370
21	20	98 795	32 094,630	570 459,682	17,774	17,307
22	21	98 736	30 403,499	538 365,052	17,707	17,240
23	22	98 675	28 800,659	507 961,553	17,637	17,170
24	23	98 619	27 283,580	479 160,894	17,562	17,095
25	24	98 554	25 844,281	451 877,314	17,485	17,017
26	25	98 493	24 481,815	426 033,033	17,402	16,935
27	26	98 430	23 190,452	401 551,218	17,315	16,848
28	27	98 366	21 967,184	378 360,766	17,224	16,757
29	28	98 297	20 807,401	356 393,582	17,128	16,661
30	29	98 222	19 707,722	335 586,181	17,028	16,561
31	30	98 142	18 664,987	315 878,459	16,924	16,456
32	31	98 050	17 675,428	297 213,472	16,815	16,348
33	32	97 957	16 738,080	279 538,044	16,701	16,234
34	33	97 852	15 848,439	262 799,964	16,582	16,115
35	34	97 742	15 005,248	246 951,525	16,458	15,990
36	35	97 623	14 205,803	231 946,277	16,328	15,860
37	36	97 499	13 448,099	217 740,474	16,191	15,724
38	37	97 359	12 728,684	204 292,375	16,050	15,583
39	38	97 209	12 046,501	191 563,691	15,902	15,435
40	39	97 042	11 398,884	179 517,190	15,749	15,281
41	40	96 864	10 784,769	168 118,305	15,588	15,121
42	41	96 668	10 201,895	157 333,536	15,422	14,955
43	42	96 458	9 648,962	147 131,641	15,248	14,781
44	43	96 233	9 124,605	137 482,679	15,067	14,600
45	44	95 972	8 625,524	128 358,074	14,881	14,414
46	45	95 691	8 151,919	119 732,549	14,688	14,220
47	46	95 373	7 701,215	111 580,630	14,489	14,022
48	47	95 031	7 273,578	103 879,415	14,282	13,815
49	48	94 649	6 866,657	96 605,837	14,069	13,602
50	49	94 217	6 478,996	89 739,180	13,851	13,384
51	50	93 740	6 110,114	83 260,184	13,627	13,159
52	51	93 220	5 759,444	77 150,070	13,395	12,928
53	52	92 635	5 424,934	71 390,626	13,160	12,693
54	53	91 985	5 106,023	65 965,692	12,919	12,452
55	54	91 261	4 801,742	60 859,669	12,674	12,207
56	55	90 459	4 511,433	56 057,927	12,426	11,959
57	56	89 572	4 234,284	51 546,493	12,174	11,706
58	57	88 597	3 969,860	47 312,209	11,918	11,451
59	58	87 529	3 717,563	43 342,349	11,659	11,192
60	59	86 370	3 477,075	39 624,786	11,396	10,929
61	60	85 118	3 248,045	36 147,712	11,129	10,662
62	61	83 753	3 029,332	32 899,667	10,860	10,393
63	62	82 282	2 820,985	29 870,335	10,589	10,121
64	63	80 716	2 623,027	27 049,350	10,312	9,845
65	64	79 029	2 434,305	24 426,323	10,034	9,567
66	65	77 229	2 254,839	21 992,018	9,753	9,286
67	66	75 341	2 085,044	19 737,179	9,466	8,999
68	67	73 337	1 923,773	17 652,135	9,176	8,709
69	68	71 248	1 771,548	15 728,361	8,878	8,411
70	69	69 015	1 626,559	13 956,813	8,581	8,113
71	70	66 696	1 489,960	12 330,254	8,276	7,808
72	71	64 233	1 360,132	10 840,294	7,970	7,503
73	72	61 694	1 238,265	9 480,162	7,656	7,189
74	73	59 033	1 123,084	8 241,897	7,339	6,871
75	74	56 259	1 014,511	7 118,813	7,017	6,550
76	75	53 397	912,709	6 104,301	6,688	6,221
77	76	50 424	816,949	5 191,592	6,355	5,888
78	77	47 328	726,826	4 374,643	6,019	5,552
79	78	44 101	641,960	3 647,818	5,682	5,215
80	79	40 726	561,925	3 005,857	5,349	4,882
81	80	37 221	486,789	2 443,933	5,021	4,553
82	81	33 550	415,898	1 957,143	4,706	4,239
83	82	29 784	349,974	1 541,245	4,404	3,937
84	83	26 007	289,659	1 191,271	4,113	3,645
85	84	22 275	235,162	901,612	3,834	3,367
86	85	18 644	186,565	666,450	3,572	3,105
87	86	15 197	144,146	479,886	3,329	2,862
88	87	12 040	108,244	335,740	3,102	2,635
89	88	9 225	78,614	227,496	2,894	2,427
90	89	6 822	55,107	148,882	2,702	2,234
91	90	4 860	37,214	93,775	2,520	2,053
92	91	3 319	24,085	56,561	2,348	1,881
93	92	2 140	14,720	32,476	2,206	1,739
94	93	1 315	8,577	17,756	2,070	1,603
95	94	760	4,694	9,179	1,955	1,488
96	95	415	2,432	4,485	1,844	1,377
97	96	210	1,167	2,053	1,760	1,292
98	97	100	0,524	0,886	1,691	1,224
99	98	45	0,223	0,362	1,627	1,160
100	99	19	0,089	0,140	1,562	1,095

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2	0	99 616	89 500,443	1 662 567,275	18,576	18,109
3	1	99 301	84 566,383	1 573 066,832	18,602	18,134
4	2	99 266	80 129,104	1 488 500,449	18,576	18,109
5	3	99 243	75 934,232	1 408 371,345	18,547	18,080
6	4	99 223	71 960,923	1 332 437,113	18,516	18,049
7	5	99 204	68 196,679	1 260 476,190	18,483	18,016
8	6	99 187	64 630,076	1 192 279,512	18,448	17,981
9	7	99 170	61 250,078	1 127 649,436	18,411	17,943
10	8	99 157	58 049,604	1 066 399,358	18,370	17,903
11	9	99 142	55 015,127	1 008 349,755	18,329	17,861
12	10	99 129	52 139,814	953 334,627	18,284	17,817
13	11	99 116	49 415,332	901 194,813	18,237	17,770
14	12	99 099	46 831,065	851 779,481	18,188	17,721
15	13	99 078	44 380,127	804 948,416	18,138	17,670
16	14	99 052	42 055,784	760 568,289	18,085	17,618
17	15	99 019	39 849,762	718 512,505	18,031	17,563
18	16	98 980	37 757,314	678 662,743	17,974	17,507
19	17	98 927	35 769,942	640 905,428	17,917	17,450
20	18	98 874	33 887,061	605 135,486	17,857	17,390
21	19	98 812	32 100,240	571 248,425	17,796	17,329
22	20	98 755	30 409,121	539 148,185	17,730	17,263
23	21	98 692	28 805,409	508 739,063	17,661	17,194
24	22	98 635	27 288,023	479 933,654	17,588	17,121
25	23	98 572	25 848,933	452 645,632	17,511	17,044
26	24	98 511	24 486,221	426 796,699	17,430	16,963
27	25	98 448	23 194,864	402 310,478	17,345	16,878
28	26	98 384	21 971,319	379 115,614	17,255	16,788
29	27	98 318	20 811,880	357 144,295	17,161	16,693
30	28	98 245	19 712,367	336 332,415	17,062	16,595
31	29	98 167	18 669,818	316 620,048	16,959	16,492
32	30	98 081	17 681,035	297 950,230	16,851	16,384
33	31	97 988	16 743,338	280 269,195	16,739	16,272
34	32	97 886	15 853,871	263 525,858	16,622	16,155
35	33	97 777	15 010,656	247 671,987	16,500	16,033
36	34	97 663	14 211,573	232 661,331	16,371	15,904
37	35	97 540	13 453,643	218 449,757	16,237	15,770
38	36	97 404	12 734,523	204 996,114	16,098	15,630
39	37	97 255	12 052,222	192 261,591	15,952	15,485
40	38	97 101	11 405,765	180 209,369	15,800	15,333
41	39	96 922	10 791,256	168 803,604	15,643	15,175
42	40	96 735	10 208,895	158 012,348	15,478	15,011
43	41	96 529	9 656,111	147 803,452	15,307	14,840
44	42	96 309	9 131,854	138 147,342	15,128	14,661
45	43	96 060	8 633,364	129 015,488	14,944	14,477
46	44	95 784	8 159,838	120 382,124	14,753	14,286
47	45	95 483	7 710,099	112 222,286	14,555	14,088
48	46	95 147	7 282,445	104 512,187	14,351	13,884
49	47	94 779	6 876,079	97 229,742	14,140	13,673
50	48	94 368	6 489,340	90 353,663	13,923	13,456
51	49	93 904	6 120,814	83 864,323	13,701	13,234
52	50	93 393	5 770,137	77 743,509	13,473	13,006
53	51	92 834	5 436,583	71 973,372	13,239	12,772
54	52	92 200	5 117,963	66 536,789	13,001	12,533
55	53	91 496	4 814,103	61 418,825	12,758	12,291
56	54	90 721	4 524,503	56 604,722	12,511	12,044
57	55	89 863	4 248,071	52 080,219	12,260	11,793
58	56	88 915	3 984,111	47 832,148	12,006	11,539
59	57	87 874	3 732,209	43 848,037	11,749	11,281
60	58	86 747	3 492,264	40 115,828	11,487	11,020
61	59	85 521	3 263,404	36 623,564	11,223	10,755
62	60	84 197	3 045,399	33 360,161	10,954	10,487
63	61	82 753	2 837,117	30 314,762	10,685	10,218
64	62	81 214	2 639,217	27 477,645	10,411	9,944
65	63	79 566	2 450,846	24 838,428	10,135	9,667
66	64	77 810	2 271,816	22 387,582	9,854	9,387
67	65	75 946	2 101,796	20 115,767	9,571	9,104
68	66	73 985	1 940,779	18 013,970	9,282	8,815
69	67	71 930	1 788,507	16 073,192	8,987	8,520
70	68	69 745	1 643,763	14 284,685	8,690	8,223
71	69	67 476	1 507,377	12 640,922	8,386	7,919
72	70	65 053	1 377,486	11 133,545	8,083	7,615
73	71	62 551	1 255,467	9 756,059	7,771	7,304
74	72	59 921	1 139,971	8 500,591	7,457	6,990
75	73	57 198	1 031,444	7 360,620	7,136	6,669
76	74	54 367	929,291	6 329,176	6,811	6,344
77	75	51 412	832,968	5 399,886	6,483	6,016
78	76	48 372	742,846	4 566,918	6,148	5,681
79	77	45 176	657,609	3 824,072	5,815	5,348
80	78	41 876	577,784	3 166,463	5,480	5,013
81	79	38 428	502,578	2 588,679	5,151	4,684
82	80	34 819	431,636	2 086,101	4,833	4,366
83	81	31 112	365,574	1 654,465	4,526	4,058
84	82	27 358	304,705	1 288,891	4,230	3,763
85	83	23 615	249,300	984,186	3,948	3,481
86	84	19 944	199,569	734,886	3,682	3,215
87	85	16 450	156,023	535,316	3,431	2,964
88	86	13 190	118,582	379,293	3,199	2,731
89	87	10 249	87,344	260,712	2,985	2,518
90	88	7 702	62,212	173,368	2,787	2,320
91	89	5 584	42,751	111,156	2,600	2,133
92	90	3 893	28,251	68,405	2,421	1,954
93	91	2 571	17,684	40,154	2,271	1,803
94	92	1 619	10,556	22,470	2,129	1,661
95	93	960	5,935	11,914	2,008	1,540
96	94	539	3,159	5,979	1,893	1,426
97	95	281	1,562	2,820	1,806	1,339
98	96	139	0,734	1,259	1,715	1,248
99	97	64	0,318	0,525	1,652	1,185
100	98	27	0,130	0,207	1,593	1,126

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3	0	99 601	84 821,300	1 574 145,609	18,558	18,091
4	1	99 291	80 148,976	1 489 324,309	18,582	18,115
5	2	99 255	75 943,666	1 409 175,333	18,556	18,088
6	3	99 233	71 968,345	1 333 231,667	18,525	18,058
7	4	99 214	68 203,205	1 261 263,323	18,493	18,026
8	5	99 196	64 635,833	1 193 060,118	18,458	17,991
9	6	99 178	61 255,496	1 128 424,284	18,422	17,954
10	7	99 162	58 052,301	1 067 168,788	18,383	17,916
11	8	99 149	55 018,961	1 009 116,487	18,341	17,874
12	9	99 135	52 143,004	954 097,526	18,298	17,831
13	10	99 122	49 418,223	901 954,522	18,251	17,784
14	11	99 106	46 834,686	852 536,299	18,203	17,736
15	12	99 085	44 383,613	805 701,613	18,153	17,686
16	13	99 062	42 059,747	761 318,001	18,101	17,634
17	14	99 028	39 853,437	719 258,254	18,048	17,580
18	15	98 992	37 761,909	679 404,817	17,992	17,525
19	16	98 942	35 775,210	641 642,908	17,935	17,468
20	17	98 888	33 891,676	605 867,698	17,877	17,409
21	18	98 832	32 106,566	571 976,023	17,815	17,348
22	19	98 772	30 414,438	539 869,457	17,750	17,283
23	20	98 710	28 810,735	509 455,019	17,683	17,216
24	21	98 651	27 292,523	480 644,284	17,611	17,144
25	22	98 588	25 853,142	453 351,760	17,536	17,068
26	23	98 529	24 490,629	427 498,619	17,456	16,988
27	24	98 466	23 199,038	403 007,990	17,372	16,905
28	25	98 403	21 975,499	379 808,952	17,283	16,816
29	26	98 336	20 815,797	357 833,453	17,190	16,723
30	27	98 267	19 716,610	337 017,655	17,093	16,626
31	28	98 190	18 674,219	317 301,046	16,991	16,524
32	29	98 107	17 685,611	298 626,827	16,885	16,418
33	30	98 019	16 748,649	280 941,216	16,774	16,307
34	31	97 916	15 858,850	264 192,567	16,659	16,192
35	32	97 810	15 015,801	248 333,716	16,538	16,071
36	33	97 698	14 216,696	233 317,915	16,412	15,944
37	34	97 579	13 459,108	219 101,219	16,279	15,812
38	35	97 444	12 739,774	205 642,111	16,142	15,675
39	36	97 300	12 057,751	192 902,338	15,998	15,531
40	37	97 147	11 411,181	180 844,587	15,848	15,381
41	38	96 981	10 797,770	169 433,406	15,692	15,224
42	39	96 793	10 215,036	158 635,636	15,530	15,062
43	40	96 595	9 662,736	148 420,600	15,360	14,893
44	41	96 380	9 138,619	138 757,864	15,184	14,716
45	42	96 136	8 640,222	129 619,245	15,002	14,535
46	43	95 871	8 167,255	120 979,023	14,813	14,346
47	44	95 576	7 717,589	112 811,768	14,617	14,150
48	45	95 257	7 290,846	105 094,179	14,415	13,947
49	46	94 894	6 884,461	97 803,333	14,206	13,739
50	47	94 497	6 498,245	90 918,872	13,991	13,524
51	48	94 054	6 130,586	84 420,627	13,770	13,303
52	49	93 556	5 780,241	78 290,041	13,544	13,077
53	50	93 006	5 446,677	72 509,800	13,313	12,845
54	51	92 398	5 128,953	67 063,122	13,075	12,608
55	52	91 710	4 825,360	61 934,169	12,835	12,368
56	53	90 955	4 536,151	57 108,809	12,590	12,123
57	54	90 124	4 260,378	52 572,658	12,340	11,873
58	55	89 204	3 997,083	48 312,280	12,087	11,620
59	56	88 190	3 745,606	44 315,197	11,831	11,364
60	57	87 089	3 506,022	40 569,591	11,571	11,104
61	58	85 894	3 277,659	37 063,569	11,308	10,841
62	59	84 595	3 059,800	33 785,909	11,042	10,575
63	60	83 192	2 852,164	30 726,109	10,773	10,306
64	61	81 679	2 654,309	27 873,945	10,501	10,034
65	62	80 057	2 465,973	25 219,636	10,227	9,760
66	63	78 339	2 287,252	22 753,663	9,948	9,481
67	64	76 518	2 117,621	20 466,411	9,665	9,198
68	65	74 579	1 956,372	18 348,790	9,379	8,912
69	66	72 566	1 804,317	16 392,418	9,085	8,618
70	67	70 412	1 659,498	14 588,102	8,791	8,323
71	68	68 189	1 523,320	12 928,603	8,487	8,020
72	69	65 813	1 393,589	11 405,284	8,184	7,717
73	70	63 349	1 271,487	10 011,695	7,874	7,407
74	71	60 753	1 155,808	8 740,208	7,562	7,095
75	72	58 058	1 046,953	7 584,400	7,244	6,777
76	73	55 275	944,801	6 537,448	6,919	6,452
77	74	52 346	848,101	5 592,647	6,594	6,127
78	75	49 320	757,412	4 744,546	6,264	5,797
79	76	46 172	672,103	3 987,134	5,932	5,465
80	77	42 896	591,868	3 315,031	5,601	5,134
81	78	39 513	516,762	2 723,162	5,270	4,802
82	79	35 949	445,636	2 206,401	4,951	4,484
83	80	32 289	379,408	1 760,765	4,641	4,174
84	81	28 578	318,287	1 381,357	4,340	3,873
85	82	24 841	262,250	1 063,070	4,054	3,586
86	83	21 143	211,567	800,820	3,785	3,318
87	84	17 596	166,899	589,252	3,531	3,063
88	85	14 276	128,352	422,353	3,291	2,823
89	86	11 228	95,685	294,001	3,073	2,605
90	87	8 557	69,120	198,315	2,869	2,402
91	88	6 304	48,262	129,195	2,677	2,210
92	89	4 472	32,455	80,933	2,494	2,027
93	90	3 015	20,743	48,478	2,337	1,870
94	91	1 945	12,682	27,735	2,187	1,720
95	92	1 182	7,304	15,053	2,061	1,594
96	93	682	3,993	7,748	1,940	1,473
97	94	365	2,029	3,755	1,851	1,384
98	95	187	0,982	1,727	1,758	1,291
99	96	89	0,445	0,744	1,674	1,207
100	97	39	0,186	0,300	1,616	1,149

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4	0	99 590	80 390,577	1 490 322,034	18,539	18,071
5	1	99 280	75 962,500	1 409 931,456	18,561	18,094
6	2	99 245	71 977,286	1 333 968,956	18,533	18,066
7	3	99 224	68 210,239	1 261 991,670	18,501	18,034
8	4	99 205	64 642,019	1 193 781,431	18,468	18,000
9	5	99 187	61 260,954	1 129 139,412	18,432	17,964
10	6	99 170	58 057,436	1 067 878,458	18,393	17,926
11	7	99 154	55 021,517	1 009 821,022	18,353	17,886
12	8	99 142	52 146,638	954 799,505	18,310	17,843
13	9	99 128	49 421,246	902 652,867	18,264	17,797
14	10	99 112	46 837,426	853 231,621	18,217	17,750
15	11	99 093	44 387,045	806 394,195	18,167	17,700
16	12	99 070	42 063,049	762 007,150	18,116	17,649
17	13	99 037	39 857,192	719 944,101	18,063	17,596
18	14	99 001	37 765,391	680 086,908	18,008	17,541
19	15	98 954	35 779,563	642 321,517	17,952	17,485
20	16	98 902	33 896,667	606 541,954	17,894	17,427
21	17	98 845	32 110,938	572 645,288	17,833	17,366
22	18	98 791	30 420,431	540 534,349	17,769	17,302
23	19	98 727	28 815,772	510 113,918	17,703	17,235
24	20	98 670	27 297,570	481 298,146	17,632	17,164
25	21	98 604	25 857,406	454 000,576	17,558	17,091
26	22	98 545	24 494,616	428 143,170	17,479	17,012
27	23	98 484	23 203,214	403 648,554	17,396	16,929
28	24	98 421	21 979,454	380 445,340	17,309	16,842
29	25	98 355	20 819,758	358 465,886	17,218	16,750
30	26	98 285	19 720,321	337 646,128	17,122	16,655
31	27	98 211	18 678,238	317 925,807	17,021	16,554
32	28	98 130	17 689,780	299 247,569	16,916	16,449
33	29	98 045	16 752,984	281 557,790	16,806	16,339
34	30	97 947	15 863,881	264 804,805	16,692	16,225
35	31	97 841	15 020,518	248 940,924	16,573	16,106
36	32	97 732	14 221,569	233 920,406	16,448	15,981
37	33	97 614	13 463,959	219 698,838	16,318	15,850
38	34	97 484	12 744,948	206 234,879	16,182	15,715
39	35	97 340	12 062,722	193 489,931	16,040	15,573
40	36	97 191	11 416,416	181 427,209	15,892	15,425
41	37	97 027	10 802,898	170 010,793	15,738	15,270
42	38	96 851	10 221,202	159 207,895	15,576	15,109
43	39	96 653	9 668,548	148 986,693	15,409	14,942
44	40	96 447	9 144,889	139 318,145	15,235	14,767
45	41	96 207	8 646,623	130 173,256	15,055	14,588
46	42	95 948	8 173,743	121 526,633	14,868	14,401
47	43	95 663	7 724,604	113 352,890	14,674	14,207
48	44	95 349	7 297,929	105 628,286	14,474	14,007
49	45	95 004	6 892,403	98 330,357	14,266	13,799
50	46	94 612	6 506,166	91 437,954	14,054	13,587
51	47	94 183	6 138,998	84 931,788	13,835	13,368
52	48	93 706	5 789,470	78 792,790	13,610	13,142
53	49	93 169	5 456,215	73 003,320	13,380	12,913
54	50	92 569	5 138,476	67 547,105	13,145	12,678
55	51	91 907	4 835,722	62 408,629	12,906	12,439
56	52	91 167	4 546,758	57 572,907	12,662	12,195
57	53	90 356	4 271,345	53 026,149	12,414	11,947
58	54	89 463	4 008,663	48 754,804	12,162	11,695
59	55	88 477	3 757,802	44 746,140	11,908	11,440
60	56	87 401	3 518,608	40 988,338	11,649	11,182
61	57	86 233	3 290,572	37 469,730	11,387	10,920
62	58	84 965	3 073,166	34 179,158	11,122	10,655
63	59	83 585	2 865,651	31 105,992	10,855	10,388
64	60	82 112	2 668,387	28 240,341	10,583	10,116
65	61	80 515	2 480,075	25 571,953	10,311	9,844
66	62	78 822	2 301,370	23 091,879	10,034	9,567
67	63	77 038	2 132,009	20 790,509	9,752	9,284
68	64	75 141	1 971,101	18 658,500	9,466	8,999
69	65	73 149	1 818,813	16 687,399	9,175	8,708
70	66	71 035	1 674,168	14 868,585	8,881	8,414
71	67	68 842	1 537,902	13 194,418	8,579	8,112
72	68	66 509	1 408,328	11 656,515	8,277	7,810
73	69	64 090	1 286,350	10 248,188	7,967	7,500
74	70	61 528	1 170,556	8 961,838	7,656	7,189
75	71	58 864	1 061,497	7 791,282	7,340	6,873
76	72	56 106	959,007	6 729,785	7,017	6,550
77	73	53 220	862,256	5 770,778	6,693	6,225
78	74	50 216	771,172	4 908,522	6,365	5,898
79	75	47 078	685,282	4 137,350	6,037	5,570
80	76	43 842	604,914	3 452,068	5,707	5,240
81	77	40 476	529,359	2 847,154	5,378	4,911
82	78	36 963	458,213	2 317,795	5,058	4,591
83	79	33 337	391,714	1 859,583	4,747	4,280
84	80	29 659	330,332	1 467,869	4,444	3,976
85	81	25 949	273,940	1 137,537	4,153	3,685
86	82	22 241	222,557	863,597	3,880	3,413
87	83	18 654	176,933	641,040	3,623	3,156
88	84	15 272	137,299	464,107	3,380	2,913
89	85	12 154	103,570	326,808	3,155	2,688
90	86	9 374	75,722	223,238	2,948	2,481
91	87	7 003	53,622	147,516	2,751	2,284
92	88	5 049	36,639	93,895	2,563	2,096
93	89	3 464	23,830	57,256	2,403	1,936
94	90	2 281	14,876	33,426	2,247	1,780
95	91	1 420	8,775	18,550	2,114	1,647
96	92	839	4,915	9,775	1,989	1,522
97	93	462	2,565	4,861	1,895	1,428
98	94	242	1,276	2,296	1,800	1,332
99	95	119	0,595	1,020	1,714	1,247
100	96	55	0,260	0,425	1,637	1,169

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5	0	99 579	76 191,482	1 410 853,952	18,517	18,050
6	1	99 270	71 995,137	1 334 662,470	18,538	18,071
7	2	99 236	68 218,714	1 262 667,334	18,509	18,042
8	3	99 215	64 648,686	1 194 448,620	18,476	18,009
9	4	99 197	61 266,816	1 129 799,934	18,441	17,973
10	5	99 179	58 062,608	1 068 533,118	18,403	17,936
11	6	99 163	55 026,385	1 010 470,510	18,363	17,896
12	7	99 146	52 149,061	955 444,125	18,321	17,854
13	8	99 135	49 424,690	903 295,064	18,276	17,809
14	9	99 118	46 840,291	853 870,374	18,229	17,762
15	10	99 099	44 389,641	807 030,083	18,181	17,713
16	11	99 077	42 066,302	762 640,442	18,129	17,662
17	12	99 045	39 860,322	720 574,139	18,077	17,610
18	13	99 010	37 768,949	680 713,817	18,023	17,556
19	14	98 963	35 782,863	642 944,868	17,968	17,501
20	15	98 914	33 900,791	607 162,005	17,910	17,443
21	16	98 860	32 115,667	573 261,214	17,850	17,383
22	17	98 805	30 424,574	541 145,547	17,786	17,319
23	18	98 747	28 821,450	510 720,973	17,720	17,253
24	19	98 687	27 302,342	481 899,522	17,650	17,183
25	20	98 623	25 862,187	454 597,180	17,578	17,110
26	21	98 561	24 498,656	428 734,993	17,500	17,033
27	22	98 500	23 206,992	404 236,337	17,419	16,952
28	23	98 438	21 983,410	381 029,345	17,333	16,865
29	24	98 373	20 823,505	359 045,934	17,242	16,775
30	25	98 304	19 724,073	338 222,430	17,148	16,681
31	26	98 230	18 681,754	318 498,357	17,049	16,581
32	27	98 151	17 693,587	299 816,603	16,945	16,478
33	28	98 068	16 756,933	282 123,016	16,836	16,369
34	29	97 973	15 867,987	265 366,083	16,723	16,256
35	30	97 872	15 025,283	249 498,096	16,605	16,138
36	31	97 763	14 226,036	234 472,813	16,482	16,015
37	32	97 648	13 468,574	220 246,777	16,353	15,885
38	33	97 519	12 749,542	206 778,203	16,218	15,751
39	34	97 380	12 067,621	194 028,661	16,078	15,611
40	35	97 232	11 421,123	181 961,040	15,932	15,465
41	36	97 071	10 807,853	170 539,917	15,779	15,312
42	37	96 897	10 226,056	159 732,064	15,620	15,153
43	38	96 712	9 674,384	149 506,008	15,454	14,987
44	39	96 505	9 150,390	139 831,624	15,281	14,814
45	40	96 273	8 652,556	130 681,234	15,103	14,636
46	41	96 019	8 179,798	122 028,678	14,918	14,451
47	42	95 739	7 730,740	113 848,880	14,727	14,260
48	43	95 436	7 304,562	106 118,140	14,528	14,060
49	44	95 096	6 899,099	98 813,578	14,323	13,855
50	45	94 722	6 513,672	91 914,479	14,111	13,644
51	46	94 298	6 146,482	85 400,808	13,894	13,427
52	47	93 834	5 797,414	79 254,326	13,671	13,203
53	48	93 318	5 464,926	73 456,911	13,442	12,974
54	49	92 731	5 147,474	67 991,985	13,209	12,742
55	50	92 077	4 844,700	62 844,511	12,972	12,505
56	51	91 363	4 556,521	57 999,811	12,729	12,262
57	52	90 567	4 281,334	53 443,290	12,483	12,016
58	53	89 693	4 018,983	49 161,956	12,232	11,765
59	54	88 733	3 768,689	45 142,974	11,978	11,511
60	55	87 686	3 530,065	41 374,285	11,721	11,253
61	56	86 542	3 302,385	37 844,220	11,460	10,992
62	57	85 299	3 085,273	34 541,836	11,196	10,729
63	58	83 950	2 878,170	31 456,562	10,929	10,462
64	59	82 500	2 681,005	28 578,393	10,660	10,192
65	60	80 942	2 493,229	25 897,388	10,387	9,920
66	61	79 273	2 314,530	23 404,159	10,112	9,645
67	62	77 513	2 145,169	21 089,629	9,831	9,364
68	63	75 651	1 984,494	18 944,460	9,546	9,079
69	64	73 700	1 832,507	16 959,966	9,255	8,788
70	65	71 606	1 687,619	15 127,459	8,964	8,497
71	66	69 451	1 551,497	13 439,840	8,663	8,195
72	67	67 146	1 421,810	11 888,344	8,361	7,894
73	68	64 768	1 299,955	10 466,534	8,051	7,584
74	69	62 247	1 184,239	9 166,579	7,740	7,273
75	70	59 616	1 075,041	7 982,340	7,425	6,958
76	71	56 885	972,330	6 907,299	7,104	6,637
77	72	54 020	875,221	5 934,969	6,781	6,314
78	73	51 054	784,043	5 059,748	6,453	5,986
79	74	47 933	697,732	4 275,705	6,128	5,661
80	75	44 702	616,775	3 577,973	5,801	5,334
81	76	41 368	541,026	2 961,198	5,473	5,006
82	77	37 864	469,382	2 420,171	5,156	4,689
83	78	34 278	402,769	1 950,789	4,843	4,376
84	79	30 621	341,045	1 548,020	4,539	4,072
85	80	26 931	284,306	1 206,975	4,245	3,778
86	81	23 232	232,478	922,668	3,969	3,502
87	82	19 623	186,123	690,191	3,708	3,241
88	83	16 190	145,554	504,067	3,463	2,996
89	84	13 001	110,789	358,513	3,236	2,769
90	85	10 147	81,961	247,724	3,022	2,555
91	86	7 672	58,743	165,763	2,822	2,355
92	87	5 609	40,708	107,020	2,629	2,162
93	88	3 911	26,902	66,313	2,465	1,998
94	89	2 621	17,089	39,411	2,306	1,839
95	90	1 665	10,293	22,322	2,169	1,701
96	91	1 008	5,904	12,029	2,037	1,570
97	92	568	3,157	6,124	1,940	1,473
98	93	306	1,613	2,967	1,840	1,373
99	94	155	0,773	1,355	1,753	1,285
100	95	73	0,348	0,582	1,674	1,207

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	72 212,159	1 335 515,251	18,494	18,027
7	1	99 261	68 235,632	1 263 303,092	18,514	18,047
8	2	99 228	64 656,718	1 195 067,460	18,483	18,016
9	3	99 207	61 273,135	1 130 410,742	18,449	17,982
10	4	99 189	58 068,165	1 069 137,607	18,412	17,945
11	5	99 171	55 031,287	1 011 069,442	18,373	17,905
12	6	99 155	52 153,674	956 038,155	18,331	17,864
13	7	99 139	49 426,986	903 884,481	18,287	17,820
14	8	99 125	46 843,556	854 457,495	18,241	17,773
15	9	99 105	44 392,357	807 613,939	18,193	17,725
16	10	99 083	42 068,763	763 221,582	18,142	17,675
17	11	99 053	39 863,405	721 152,819	18,091	17,623
18	12	99 018	37 771,915	681 289,414	18,037	17,570
19	13	98 972	35 786,234	643 517,499	17,982	17,515
20	14	98 923	33 903,917	607 731,265	17,925	17,458
21	15	98 872	32 119,575	573 827,347	17,865	17,398
22	16	98 819	30 429,054	541 707,772	17,802	17,335
23	17	98 760	28 825,375	511 278,718	17,737	17,270
24	18	98 706	27 307,722	482 453,343	17,667	17,200
25	19	98 640	25 866,708	455 145,620	17,596	17,129
26	20	98 579	24 503,186	429 278,912	17,519	17,052
27	21	98 516	23 210,820	404 775,726	17,439	16,972
28	22	98 454	21 986,990	381 564,906	17,354	16,887
29	23	98 391	20 827,253	359 577,916	17,265	16,798
30	24	98 322	19 727,623	338 750,663	17,171	16,704
31	25	98 249	18 685,308	319 023,041	17,073	16,606
32	26	98 169	17 696,918	300 337,733	16,971	16,504
33	27	98 089	16 760,540	282 640,815	16,863	16,396
34	28	97 996	15 871,727	265 880,275	16,752	16,285
35	29	97 897	15 029,172	250 008,548	16,635	16,168
36	30	97 794	14 230,548	234 979,376	16,512	16,045
37	31	97 679	13 472,804	220 748,828	16,385	15,918
38	32	97 552	12 753,912	207 276,023	16,252	15,785
39	33	97 415	12 071,971	194 522,111	16,114	15,646
40	34	97 271	11 425,761	182 450,140	15,968	15,501
41	35	97 111	10 812,309	171 024,378	15,818	15,350
42	36	96 942	10 230,747	160 212,069	15,660	15,193
43	37	96 758	9 678,979	149 981,323	15,496	15,028
44	38	96 563	9 155,913	140 302,344	15,324	14,857
45	39	96 331	8 657,761	131 146,431	15,148	14,681
46	40	96 085	8 185,411	122 488,670	14,964	14,497
47	41	95 809	7 736,467	114 303,259	14,775	14,307
48	42	95 512	7 310,365	106 566,792	14,577	14,110
49	43	95 183	6 905,369	99 256,427	14,374	13,907
50	44	94 814	6 520,000	92 351,058	14,164	13,697
51	45	94 407	6 153,572	85 831,059	13,948	13,481
52	46	93 949	5 804,481	79 677,486	13,727	13,260
53	47	93 446	5 472,425	73 873,005	13,499	13,032
54	48	92 879	5 155,692	68 400,580	13,267	12,800
55	49	92 238	4 853,184	63 244,887	13,032	12,564
56	50	91 533	4 564,981	58 391,704	12,791	12,324
57	51	90 761	4 290,527	53 826,723	12,545	12,078
58	52	89 903	4 028,381	49 536,196	12,297	11,830
59	53	88 961	3 778,390	45 507,815	12,044	11,577
60	54	87 940	3 540,291	41 729,425	11,787	11,320
61	55	86 824	3 313,137	38 189,133	11,527	11,059
62	56	85 606	3 096,349	34 875,996	11,264	10,796
63	57	84 281	2 889,508	31 779,647	10,998	10,531
64	58	82 861	2 692,717	28 890,139	10,729	10,262
65	59	81 324	2 505,018	26 197,422	10,458	9,991
66	60	79 693	2 326,806	23 692,404	10,182	9,715
67	61	77 957	2 157,436	21 365,598	9,903	9,436
68	62	76 118	1 996,743	19 208,162	9,620	9,153
69	63	74 200	1 844,959	17 211,419	9,329	8,862
70	64	72 145	1 700,325	15 366,460	9,037	8,570
71	65	70 009	1 563,962	13 666,136	8,738	8,271
72	66	67 739	1 434,378	12 102,174	8,437	7,970
73	67	65 388	1 312,399	10 667,796	8,128	7,661
74	68	62 906	1 196,764	9 355,396	7,817	7,350
75	69	60 312	1 087,608	8 158,632	7,501	7,034
76	70	57 611	984,736	7 071,024	7,181	6,713
77	71	54 771	887,380	6 086,288	6,859	6,392
78	72	51 822	795,832	5 198,908	6,533	6,065
79	73	48 733	709,377	4 403,076	6,207	5,740
80	74	45 514	627,980	3 693,699	5,882	5,415
81	75	42 179	551,635	3 065,718	5,558	5,090
82	76	38 699	479,728	2 514,083	5,241	4,773
83	77	35 113	412,587	2 034,355	4,931	4,464
84	78	31 485	350,671	1 621,768	4,625	4,158
85	79	27 804	293,527	1 271,098	4,330	3,863
86	80	24 111	241,275	977,570	4,052	3,584
87	81	20 498	194,420	736,295	3,787	3,320
88	82	17 031	153,115	541,875	3,539	3,072
89	83	13 782	117,450	388,761	3,310	2,843
90	84	10 854	87,674	271,311	3,095	2,627
91	85	8 305	63,583	183,637	2,888	2,421
92	86	6 145	44,596	120,054	2,692	2,225
93	87	4 345	29,889	75,458	2,525	2,057
94	88	2 959	19,292	45,569	2,362	1,895
95	89	1 913	11,824	26,276	2,222	1,755
96	90	1 182	6,926	14,452	2,087	1,619
97	91	683	3,792	7,526	1,985	1,517
98	92	377	1,985	3,734	1,881	1,414
99	93	196	0,977	1,749	1,790	1,323
100	94	95	0,451	0,772	1,709	1,242

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 560	68 441,322	1 264 091,350	18,470	18,003
8	1	99 252	64 672,753	1 195 650,029	18,488	18,021
9	2	99 219	61 280,748	1 130 977,276	18,456	17,988
10	3	99 199	58 074,154	1 069 696,528	18,419	17,952
11	4	99 181	55 036,553	1 011 622,374	18,381	17,914
12	5	99 164	52 158,320	956 585,821	18,340	17,873
13	6	99 148	49 431,359	904 427,501	18,297	17,829
14	7	99 130	46 845,732	854 996,142	18,251	17,784
15	8	99 112	44 395,451	808 150,410	18,203	17,736
16	9	99 089	42 071,337	763 754,959	18,154	17,687
17	10	99 058	39 865,737	721 683,622	18,103	17,636
18	11	99 025	37 774,836	681 817,886	18,050	17,582
19	12	98 980	35 789,044	644 043,049	17,996	17,528
20	13	98 933	33 907,112	608 254,005	17,939	17,472
21	14	98 881	32 122,537	574 346,893	17,880	17,413
22	15	98 832	30 432,757	542 224,356	17,817	17,350
23	16	98 775	28 829,620	511 791,599	17,752	17,285
24	17	98 720	27 311,441	482 961,979	17,684	17,216
25	18	98 659	25 871,806	455 650,538	17,612	17,145
26	19	98 597	24 507,470	429 778,732	17,537	17,069
27	20	98 534	23 215,112	405 271,262	17,457	16,990
28	21	98 471	21 990,616	382 056,150	17,374	16,906
29	22	98 407	20 830,644	360 065,534	17,285	16,818
30	23	98 339	19 731,174	339 234,890	17,193	16,726
31	24	98 266	18 688,671	319 503,716	17,096	16,629
32	25	98 188	17 700,285	300 815,046	16,995	16,528
33	26	98 107	16 763,695	283 114,761	16,889	16,421
34	27	98 017	15 875,143	266 351,066	16,778	16,311
35	28	97 920	15 032,714	250 475,923	16,662	16,195
36	29	97 819	14 234,232	235 443,209	16,541	16,073
37	30	97 709	13 477,078	221 208,977	16,414	15,947
38	31	97 583	12 757,918	207 731,899	16,283	15,815
39	32	97 448	12 076,109	194 973,981	16,145	15,678
40	33	97 306	11 429,880	182 897,872	16,002	15,535
41	34	97 151	10 816,701	171 467,992	15,852	15,385
42	35	96 982	10 234,965	160 651,291	15,696	15,229
43	36	96 802	9 683,419	150 416,326	15,533	15,066
44	37	96 609	9 160,261	140 732,908	15,363	14,896
45	38	96 389	8 662,987	131 572,646	15,188	14,721
46	39	96 142	8 190,334	122 909,660	15,007	14,539
47	40	95 875	7 741,776	114 719,325	14,818	14,351
48	41	95 583	7 315,780	106 977,550	14,623	14,156
49	42	95 258	6 910,855	99 661,770	14,421	13,954
50	43	94 900	6 525,926	92 750,915	14,213	13,745
51	44	94 498	6 159,551	86 224,989	13,999	13,531
52	45	94 057	5 811,177	80 065,439	13,778	13,311
53	46	93 560	5 479,096	74 254,261	13,552	13,085
54	47	93 007	5 162,767	68 775,165	13,321	12,854
55	48	92 386	4 860,932	63 612,398	13,086	12,619
56	49	91 693	4 572,975	58 751,466	12,848	12,380
57	50	90 930	4 298,493	54 178,491	12,604	12,137
58	51	90 096	4 037,031	49 879,998	12,356	11,888
59	52	89 169	3 787,226	45 842,967	12,105	11,637
60	53	88 166	3 549,405	42 055,742	11,849	11,381
61	54	87 075	3 322,736	38 506,336	11,589	11,122
62	55	85 884	3 106,431	35 183,601	11,326	10,859
63	56	84 583	2 899,881	32 077,170	11,062	10,594
64	57	83 187	2 703,325	29 177,289	10,793	10,326
65	58	81 680	2 515,961	26 473,964	10,522	10,055
66	59	80 070	2 337,809	23 958,003	10,248	9,781
67	60	78 370	2 168,879	21 620,194	9,968	9,501
68	61	76 554	2 008,161	19 451,316	9,686	9,219
69	62	74 658	1 856,346	17 443,154	9,396	8,929
70	63	72 635	1 711,878	15 586,808	9,105	8,638
71	64	70 536	1 575,737	13 874,930	8,805	8,338
72	65	68 284	1 445,902	12 299,193	8,506	8,039
73	66	65 966	1 324,000	10 853,291	8,197	7,730
74	67	63 508	1 208,221	9 529,290	7,887	7,420
75	68	60 950	1 099,111	8 321,070	7,571	7,104
76	69	58 285	996,247	7 221,959	7,249	6,782
77	70	55 470	898,702	6 225,711	6,927	6,460
78	71	52 542	806,888	5 327,009	6,602	6,135
79	72	49 466	720,044	4 520,121	6,278	5,810
80	73	46 273	638,461	3 800,077	5,952	5,485
81	74	42 946	561,657	3 161,616	5,629	5,162
82	75	39 458	489,135	2 599,959	5,315	4,848
83	76	35 887	421,681	2 110,824	5,006	4,539
84	77	32 253	359,219	1 689,143	4,702	4,235
85	78	28 589	301,812	1 329,925	4,406	3,939
86	79	24 893	249,100	1 028,113	4,127	3,660
87	80	21 273	201,777	779,013	3,861	3,394
88	81	17 790	159,940	577,235	3,609	3,142
89	82	14 498	123,551	417,296	3,378	2,910
90	83	11 507	92,945	293,745	3,160	2,693
91	84	8 883	68,015	200,800	2,952	2,485
92	85	6 651	48,270	132,785	2,751	2,284
93	86	4 760	32,744	84,515	2,581	2,114
94	87	3 287	21,435	51,771	2,415	1,948
95	88	2 160	13,349	30,336	2,273	1,805
96	89	1 358	7,956	16,987	2,135	1,668
97	90	801	4,448	9,031	2,030	1,563
98	91	453	2,385	4,582	1,922	1,454
99	92	241	1,203	2,198	1,827	1,360
100	93	121	0,571	0,995	1,744	1,276

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
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4						
5						
6						
7						
8	0	99 552	64 867,703	1 196 378,635	18,443	17,976
9	1	99 244	61 295,945	1 131 510,933	18,460	17,993
10	2	99 211	58 081,369	1 070 214,987	18,426	17,959
11	3	99 191	55 042,230	1 012 133,618	18,388	17,921
12	4	99 173	52 163,312	957 091,389	18,348	17,881
13	5	99 157	49 435,763	904 928,077	18,305	17,838
14	6	99 139	46 849,876	855 492,314	18,260	17,793
15	7	99 116	44 397,513	808 642,438	18,214	17,747
16	8	99 096	42 074,269	764 244,925	18,164	17,697
17	9	99 065	39 868,176	722 170,656	18,114	17,647
18	10	99 031	37 777,046	682 302,481	18,061	17,594
19	11	98 988	35 791,812	644 525,435	18,008	17,540
20	12	98 940	33 909,775	608 733,622	17,952	17,484
21	13	98 890	32 125,564	574 823,848	17,893	17,426
22	14	98 841	30 435,563	542 698,284	17,831	17,364
23	15	98 787	28 833,129	512 262,721	17,766	17,299
24	16	98 734	27 315,463	483 429,592	17,698	17,231
25	17	98 673	25 875,329	456 114,129	17,627	17,160
26	18	98 616	24 512,299	430 238,800	17,552	17,085
27	19	98 551	23 219,170	405 726,501	17,474	17,007
28	20	98 489	21 994,683	382 507,331	17,391	16,924
29	21	98 423	20 834,080	360 512,648	17,304	16,837
30	22	98 355	19 734,387	339 678,569	17,213	16,745
31	23	98 284	18 692,035	319 944,182	17,117	16,649
32	24	98 206	17 703,470	301 252,147	17,017	16,549
33	25	98 126	16 766,884	283 548,677	16,911	16,444
34	26	98 035	15 878,132	266 781,793	16,802	16,335
35	27	97 942	15 035,950	250 903,662	16,687	16,220
36	28	97 842	14 237,587	235 867,712	16,567	16,099
37	29	97 735	13 480,567	221 630,125	16,441	15,974
38	30	97 614	12 761,965	208 149,558	16,310	15,843
39	31	97 479	12 079,902	195 387,593	16,175	15,707
40	32	97 339	11 433,798	183 307,691	16,032	15,565
41	33	97 186	10 820,600	171 873,894	15,884	15,417
42	34	97 021	10 239,122	161 053,294	15,729	15,262
43	35	96 842	9 687,411	150 814,172	15,568	15,101
44	36	96 653	9 164,463	141 126,761	15,399	14,932
45	37	96 435	8 667,101	131 962,298	15,226	14,758
46	38	96 200	8 195,278	123 295,197	15,045	14,577
47	39	95 933	7 746,433	115 099,919	14,858	14,391
48	40	95 648	7 320,800	107 353,487	14,664	14,197
49	41	95 329	6 915,974	100 032,687	14,464	13,997
50	42	94 975	6 531,110	93 116,712	14,257	13,790
51	43	94 584	6 165,149	86 585,602	14,044	13,577
52	44	94 149	5 816,823	80 420,454	13,825	13,358
53	45	93 668	5 485,417	74 603,631	13,600	13,133
54	46	93 120	5 169,060	69 118,214	13,372	12,904
55	47	92 512	4 867,602	63 949,154	13,138	12,671
56	48	91 839	4 580,276	59 081,552	12,899	12,432
57	49	91 089	4 306,020	54 501,275	12,657	12,190
58	50	90 263	4 044,526	50 195,255	12,411	11,943
59	51	89 361	3 795,358	46 150,729	12,160	11,693
60	52	88 373	3 557,705	42 355,371	11,905	11,438
61	53	87 300	3 331,289	38 797,666	11,646	11,179
62	54	86 133	3 115,430	35 466,376	11,384	10,917
63	55	84 859	2 909,323	32 350,946	11,120	10,653
64	56	83 486	2 713,029	29 441,623	10,852	10,385
65	57	82 001	2 525,873	26 728,594	10,582	10,115
66	58	80 420	2 348,021	24 202,721	10,308	9,841
67	59	78 741	2 179,135	21 854,700	10,029	9,562
68	60	76 960	2 018,812	19 675,565	9,746	9,279
69	61	75 085	1 866,962	17 656,753	9,457	8,990
70	62	73 083	1 722,444	15 789,791	9,167	8,700
71	63	71 015	1 586,444	14 067,347	8,867	8,400
72	64	68 798	1 456,788	12 480,903	8,567	8,100
73	65	66 496	1 334,638	11 024,115	8,260	7,793
74	66	64 069	1 218,901	9 689,477	7,949	7,482
75	67	61 534	1 109,633	8 470,576	7,634	7,166
76	68	58 901	1 006,784	7 360,943	7,311	6,844
77	69	56 118	909,208	6 354,159	6,989	6,521
78	70	53 212	817,184	5 444,951	6,663	6,196
79	71	50 153	730,047	4 627,768	6,339	5,872
80	72	46 969	648,062	3 897,721	6,014	5,547
81	73	43 663	571,031	3 249,659	5,691	5,224
82	74	40 174	498,021	2 678,628	5,379	4,911
83	75	36 591	429,949	2 180,607	5,072	4,605
84	76	32 964	367,136	1 750,658	4,768	4,301
85	77	29 286	309,169	1 383,522	4,475	4,008
86	78	25 596	256,131	1 074,353	4,195	3,727
87	79	21 963	208,322	818,222	3,928	3,461
88	80	18 463	165,992	609,901	3,674	3,207
89	81	15 144	129,058	443,909	3,440	2,972
90	82	12 104	97,773	314,851	3,220	2,753
91	83	9 417	72,104	217,077	3,011	2,543
92	84	7 115	51,635	144,973	2,808	2,340
93	85	5 152	35,442	93,338	2,634	2,166
94	86	3 601	23,482	57,897	2,466	1,998
95	87	2 400	14,831	34,415	2,320	1,853
96	88	1 533	8,982	19,583	2,180	1,713
97	89	920	5,110	10,601	2,075	1,607
98	90	531	2,797	5,491	1,963	1,496
99	91	290	1,445	2,694	1,865	1,397
100	92	149	0,702	1,249	1,778	1,311

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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8						
9	0	99 543	61 480,716	1 132 184,436	18,415	17,948
10	1	99 236	58 095,773	1 070 703,720	18,430	17,963
11	2	99 204	55 049,068	1 012 607,947	18,395	17,927
12	3	99 184	52 168,692	957 558,878	18,355	17,888
13	4	99 166	49 440,494	905 390,187	18,313	17,846
14	5	99 147	46 854,050	855 949,693	18,268	17,801
15	6	99 125	44 401,441	809 095,643	18,222	17,755
16	7	99 101	42 076,223	764 694,202	18,174	17,707
17	8	99 071	39 870,954	722 617,979	18,124	17,657
18	9	99 037	37 779,357	682 747,025	18,072	17,605
19	10	98 993	35 793,906	644 967,668	18,019	17,552
20	11	98 948	33 912,397	609 173,762	17,963	17,496
21	12	98 898	32 128,087	575 261,365	17,905	17,438
22	13	98 850	30 438,431	543 133,278	17,844	17,376
23	14	98 796	28 835,787	512 694,848	17,780	17,313
24	15	98 746	27 318,787	483 859,060	17,712	17,244
25	16	98 687	25 879,139	456 540,273	17,641	17,174
26	17	98 630	24 515,637	430 661,134	17,567	17,100
27	18	98 571	23 223,746	406 145,496	17,488	17,021
28	19	98 506	21 998,528	382 921,751	17,407	16,940
29	20	98 441	20 837,932	360 923,223	17,320	16,853
30	21	98 371	19 737,641	340 085,291	17,230	16,763
31	22	98 300	18 695,078	320 347,650	17,135	16,668
32	23	98 223	17 706,657	301 652,571	17,036	16,569
33	24	98 144	16 769,902	283 945,915	16,932	16,465
34	25	98 054	15 881,153	267 176,013	16,823	16,356
35	26	97 960	15 038,780	251 294,860	16,710	16,243
36	27	97 863	14 240,651	236 256,081	16,590	16,123
37	28	97 758	13 483,744	222 015,429	16,465	15,998
38	29	97 639	12 765,268	208 531,685	16,336	15,869
39	30	97 510	12 083,734	195 766,417	16,201	15,734
40	31	97 370	11 437,389	183 682,683	16,060	15,593
41	32	97 219	10 824,309	172 245,294	15,913	15,446
42	33	97 056	10 242,813	161 420,985	15,759	15,292
43	34	96 881	9 691,346	151 178,173	15,599	15,132
44	35	96 693	9 168,242	141 486,827	15,432	14,965
45	36	96 479	8 671,076	132 318,585	15,260	14,793
46	37	96 246	8 199,170	123 647,509	15,080	14,613
47	38	95 991	7 751,108	115 448,339	14,894	14,427
48	39	95 706	7 325,203	107 697,231	14,702	14,235
49	40	95 394	6 920,720	100 372,027	14,503	14,036
50	41	95 046	6 535,948	93 451,307	14,298	13,831
51	42	94 659	6 170,046	86 915,359	14,087	13,619
52	43	94 234	5 822,110	80 745,313	13,869	13,402
53	44	93 759	5 490,746	74 923,203	13,645	13,178
54	45	93 228	5 175,023	69 432,457	13,417	12,950
55	46	92 625	4 873,536	64 257,434	13,185	12,718
56	47	91 966	4 586,561	59 383,898	12,947	12,480
57	48	91 235	4 312,895	54 797,337	12,705	12,238
58	49	90 421	4 051,609	50 484,442	12,460	11,993
59	50	89 527	3 802,405	46 432,833	12,211	11,744
60	51	88 562	3 565,345	42 630,429	11,957	11,490
61	52	87 504	3 339,079	39 065,084	11,699	11,232
62	53	86 355	3 123,450	35 726,005	11,438	10,971
63	54	85 105	2 917,752	32 602,555	11,174	10,707
64	55	83 757	2 721,863	29 684,803	10,906	10,439
65	56	82 296	2 534,940	26 962,940	10,637	10,169
66	57	80 737	2 357,271	24 427,999	10,363	9,896
67	58	79 085	2 188,654	22 070,728	10,084	9,617
68	59	77 324	2 028,359	19 882,074	9,802	9,335
69	60	75 484	1 876,864	17 853,716	9,513	9,045
70	61	73 501	1 732,294	15 976,852	9,223	8,756
71	62	71 453	1 596,236	14 244,558	8,924	8,457
72	63	69 265	1 466,687	12 648,322	8,624	8,157
73	64	66 996	1 344,686	11 181,635	8,315	7,848
74	65	64 584	1 228,694	9 836,949	8,006	7,539
75	66	62 078	1 119,442	8 608,255	7,690	7,223
76	67	59 465	1 016,422	7 488,813	7,368	6,901
77	68	56 712	918,824	6 472,391	7,044	6,577
78	69	53 834	826,736	5 553,568	6,717	6,250
79	70	50 793	739,362	4 726,831	6,393	5,926
80	71	47 622	657,065	3 987,470	6,069	5,601
81	72	44 319	579,617	3 330,405	5,746	5,279
82	73	40 845	506,333	2 750,788	5,433	4,966
83	74	37 256	437,760	2 244,455	5,127	4,660
84	75	33 610	374,335	1 806,694	4,826	4,359
85	76	29 931	315,983	1 432,359	4,533	4,066
86	77	26 220	262,374	1 116,376	4,255	3,788
87	78	22 583	214,201	854,002	3,987	3,520
88	79	19 062	171,376	639,801	3,733	3,266
89	80	15 718	133,942	468,425	3,497	3,030
90	81	12 644	102,132	334,483	3,275	2,808
91	82	9 907	75,850	232,352	3,063	2,596
92	83	7 543	54,739	156,502	2,859	2,392
93	84	5 511	37,912	101,763	2,684	2,217
94	85	3 898	25,417	63,851	2,512	2,045
95	86	2 629	16,248	38,434	2,365	1,898
96	87	1 704	9,979	22,186	2,223	1,756
97	88	1 039	5,769	12,207	2,116	1,649
98	89	611	3,214	6,437	2,003	1,536
99	90	340	1,695	3,224	1,902	1,435
100	91	178	0,844	1,529	1,812	1,345

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10	0	99 535	58 270,897	1 071 326,354	18,385	17,918
11	1	99 228	55 062,720	1 013 055,457	18,398	17,931
12	2	99 196	52 175,173	957 992,736	18,361	17,894
13	3	99 177	49 445,593	905 817,563	18,319	17,852
14	4	99 157	46 858,534	856 371,970	18,276	17,809
15	5	99 134	44 405,397	809 513,437	18,230	17,763
16	6	99 109	42 079,946	765 108,040	18,182	17,715
17	7	99 076	39 872,806	723 028,094	18,133	17,666
18	8	99 044	37 781,990	683 155,288	18,082	17,614
19	9	98 999	35 796,096	645 373,298	18,029	17,562
20	10	98 954	33 914,381	609 577,202	17,974	17,507
21	11	98 905	32 130,571	575 662,822	17,916	17,449
22	12	98 858	30 440,821	543 532,250	17,855	17,388
23	13	98 805	28 838,504	513 091,429	17,792	17,325
24	14	98 755	27 321,306	484 252,925	17,724	17,257
25	15	98 699	25 882,288	456 931,619	17,654	17,187
26	16	98 644	24 519,248	431 049,330	17,580	17,113
27	17	98 584	23 226,908	406 530,082	17,503	17,035
28	18	98 525	22 002,863	383 303,174	17,421	16,953
29	19	98 458	20 841,575	361 300,312	17,336	16,868
30	20	98 390	19 741,291	340 458,736	17,246	16,779
31	21	98 316	18 698,162	320 717,445	17,152	16,685
32	22	98 239	17 709,540	302 019,284	17,054	16,587
33	23	98 161	16 772,920	284 309,744	16,951	16,483
34	24	98 072	15 884,011	267 536,824	16,843	16,376
35	25	97 979	15 041,641	251 652,813	16,730	16,263
36	26	97 881	14 243,332	236 611,172	16,612	16,145
37	27	97 779	13 486,646	222 367,840	16,488	16,021
38	28	97 662	12 768,277	208 881,194	16,359	15,892
39	29	97 535	12 086,862	196 112,917	16,225	15,758
40	30	97 401	11 441,017	184 026,055	16,085	15,618
41	31	97 250	10 827,708	172 585,038	15,939	15,472
42	32	97 089	10 246,323	161 757,329	15,787	15,320
43	33	96 916	9 694,839	151 511,006	15,628	15,161
44	34	96 732	9 171,965	141 816,167	15,462	14,995
45	35	96 519	8 674,651	132 644,201	15,291	14,824
46	36	96 290	8 202,931	123 969,550	15,113	14,646
47	37	96 036	7 754,789	115 766,619	14,928	14,461
48	38	95 763	7 329,625	108 011,830	14,736	14,269
49	39	95 452	6 924,883	100 682,205	14,539	14,072
50	40	95 111	6 540,433	93 757,322	14,335	13,868
51	41	94 730	6 174,617	87 216,889	14,125	13,658
52	42	94 309	5 826,735	81 042,272	13,909	13,442
53	43	93 844	5 495,736	75 215,537	13,686	13,219
54	44	93 318	5 180,051	69 719,801	13,459	12,992
55	45	92 732	4 879,158	64 539,750	13,228	12,760
56	46	92 078	4 592,152	59 660,592	12,992	12,525
57	47	91 360	4 318,813	55 068,440	12,751	12,284
58	48	90 566	4 058,077	50 749,627	12,506	12,039
59	49	89 684	3 809,063	46 691,549	12,258	11,791
60	50	88 727	3 571,964	42 882,486	12,005	11,538
61	51	87 692	3 346,249	39 310,522	11,748	11,280
62	52	86 557	3 130,754	35 964,273	11,487	11,020
63	53	85 324	2 925,263	32 833,519	11,224	10,757
64	54	84 000	2 729,749	29 908,256	10,956	10,489
65	55	82 564	2 543,194	27 178,507	10,687	10,220
66	56	81 027	2 365,733	24 635,313	10,413	9,946
67	57	79 396	2 197,276	22 269,580	10,135	9,668
68	58	77 661	2 037,219	20 072,303	9,853	9,386
69	59	75 841	1 885,739	18 035,084	9,564	9,097
70	60	73 891	1 741,482	16 149,345	9,273	8,806
71	61	71 862	1 605,364	14 407,864	8,975	8,508
72	62	69 693	1 475,740	12 802,500	8,675	8,208
73	63	67 451	1 353,823	11 326,760	8,366	7,899
74	64	65 070	1 237,945	9 972,937	8,056	7,589
75	65	62 577	1 128,436	8 734,992	7,741	7,274
76	66	59 991	1 025,407	7 606,556	7,418	6,951
77	67	57 254	927,620	6 581,150	7,095	6,627
78	68	54 404	835,480	5 653,530	6,767	6,300
79	69	51 386	748,005	4 818,050	6,441	5,974
80	70	48 229	665,448	4 070,045	6,116	5,649
81	71	44 935	587,669	3 404,597	5,793	5,326
82	72	41 459	513,947	2 816,928	5,481	5,014
83	73	37 877	445,067	2 302,981	5,174	4,707
84	74	34 221	381,136	1 857,914	4,875	4,407
85	75	30 518	322,179	1 476,778	4,584	4,117
86	76	26 798	268,157	1 154,599	4,306	3,838
87	77	23 134	219,422	886,442	4,040	3,573
88	78	19 600	176,212	667,020	3,785	3,318
89	79	16 227	138,286	490,807	3,549	3,082
90	80	13 122	105,996	352,521	3,326	2,859
91	81	10 348	79,231	246,525	3,111	2,644
92	82	7 934	57,582	167,294	2,905	2,438
93	83	5 843	40,192	109,712	2,730	2,263
94	84	4 170	27,188	69,520	2,557	2,090
95	85	2 846	17,587	42,332	2,407	1,940
96	86	1 866	10,933	24,745	2,263	1,796
97	87	1 154	6,410	13,813	2,155	1,688
98	88	689	3,628	7,403	2,041	1,573
99	89	390	1,947	3,775	1,939	1,472
100	90	209	0,990	1,828	1,847	1,380

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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11	0	99 527	55 228,702	1 013 631,147	18,353	17,886
12	1	99 220	52 188,113	958 402,445	18,364	17,897
13	2	99 189	49 451,736	906 214,333	18,325	17,858
14	3	99 167	46 863,367	856 762,597	18,282	17,815
15	4	99 143	44 409,646	809 899,230	18,237	17,770
16	5	99 118	42 083,695	765 489,584	18,190	17,723
17	6	99 085	39 876,334	723 405,890	18,141	17,674
18	7	99 049	37 783,745	683 529,556	18,091	17,623
19	8	99 006	35 798,590	645 745,811	18,038	17,571
20	9	98 960	33 916,456	609 947,220	17,984	17,517
21	10	98 911	32 132,451	576 030,765	17,927	17,460
22	11	98 865	30 443,175	543 898,314	17,866	17,399
23	12	98 813	28 840,769	513 455,139	17,803	17,336
24	13	98 765	27 323,880	484 614,370	17,736	17,269
25	14	98 708	25 884,675	457 290,489	17,666	17,199
26	15	98 656	24 522,231	431 405,814	17,592	17,125
27	16	98 599	23 230,329	406 883,583	17,515	17,048
28	17	98 539	22 005,859	383 653,254	17,434	16,967
29	18	98 478	20 845,682	361 647,395	17,349	16,882
30	19	98 407	19 744,742	340 801,713	17,260	16,793
31	20	98 334	18 701,619	321 056,971	17,167	16,700
32	21	98 256	17 712,461	302 355,351	17,070	16,603
33	22	98 177	16 775,651	284 642,891	16,968	16,500
34	23	98 089	15 886,870	267 867,239	16,861	16,394
35	24	97 996	15 044,348	251 980,370	16,749	16,282
36	25	97 900	14 246,042	236 936,021	16,632	16,165
37	26	97 797	13 489,185	222 689,980	16,509	16,042
38	27	97 683	12 771,025	209 200,795	16,381	15,914
39	28	97 558	12 089,711	196 429,770	16,248	15,780
40	29	97 426	11 443,979	184 340,059	16,108	15,641
41	30	97 280	10 831,143	172 896,081	15,963	15,496
42	31	97 120	10 249,542	162 064,937	15,812	15,345
43	32	96 949	9 698,162	151 815,396	15,654	15,187
44	33	96 767	9 175,272	142 117,234	15,489	15,022
45	34	96 558	8 678,175	132 941,962	15,319	14,852
46	35	96 330	8 206,313	124 263,787	15,142	14,675
47	36	96 080	7 758,346	116 057,474	14,959	14,492
48	37	95 809	7 333,106	108 299,128	14,769	14,301
49	38	95 509	6 929,063	100 966,022	14,571	14,104
50	39	95 168	6 544,367	94 036,959	14,369	13,902
51	40	94 795	6 178,854	87 492,592	14,160	13,693
52	41	94 379	5 831,051	81 313,738	13,945	13,478
53	42	93 918	5 500,102	75 482,687	13,724	13,257
54	43	93 403	5 184,759	69 982,585	13,498	13,031
55	44	92 822	4 883,898	64 797,826	13,268	12,800
56	45	92 184	4 597,450	59 913,928	13,032	12,565
57	46	91 471	4 324,078	55 316,478	12,793	12,325
58	47	90 690	4 063,646	50 992,401	12,548	12,081
59	48	89 827	3 815,145	46 928,755	12,301	11,833
60	49	88 882	3 578,219	43 113,610	12,049	11,582
61	50	87 854	3 352,462	39 535,391	11,793	11,326
62	51	86 743	3 137,477	36 182,929	11,532	11,065
63	52	85 523	2 932,103	33 045,452	11,270	10,803
64	53	84 216	2 736,776	30 113,349	11,003	10,536
65	54	82 803	2 550,562	27 376,573	10,734	10,266
66	55	81 291	2 373,436	24 826,011	10,460	9,993
67	56	79 681	2 205,164	22 452,575	10,182	9,715
68	57	77 967	2 045,245	20 247,411	9,900	9,433
69	58	76 172	1 893,977	18 202,166	9,611	9,143
70	59	74 240	1 749,716	16 308,189	9,320	8,853
71	60	72 243	1 613,879	14 558,473	9,021	8,554
72	61	70 091	1 484,179	12 944,594	8,722	8,255
73	62	67 868	1 362,179	11 460,416	8,413	7,946
74	63	65 513	1 246,356	10 098,236	8,102	7,635
75	64	63 048	1 136,932	8 851,880	7,786	7,319
76	65	60 473	1 033,645	7 714,948	7,464	6,997
77	66	57 761	935,819	6 681,303	7,140	6,672
78	67	54 924	843,478	5 745,484	6,812	6,344
79	68	51 930	755,916	4 902,005	6,485	6,018
80	69	48 793	673,227	4 146,090	6,159	5,691
81	70	45 508	595,168	3 472,862	5,835	5,368
82	71	42 035	521,086	2 877,695	5,522	5,055
83	72	38 447	451,759	2 356,608	5,217	4,749
84	73	34 792	387,497	1 904,849	4,916	4,449
85	74	31 072	328,032	1 517,352	4,626	4,158
86	75	27 323	273,415	1 189,320	4,350	3,883
87	76	23 644	224,259	915,904	4,084	3,617
88	77	20 078	180,508	691,646	3,832	3,364
89	78	16 685	142,189	511,138	3,595	3,128
90	79	13 548	109,434	368,949	3,371	2,904
91	80	10 740	82,229	259,515	3,156	2,689
92	81	8 288	60,149	177,286	2,947	2,480
93	82	6 146	42,279	117,137	2,771	2,303
94	83	4 420	28,823	74,857	2,597	2,130
95	84	3 044	18,812	46,034	2,447	1,980
96	85	2 020	11,833	27,222	2,300	1,833
97	86	1 265	7,022	15,389	2,192	1,724
98	87	766	4,031	8,367	2,076	1,609
99	88	441	2,198	4,336	1,973	1,506
100	89	240	1,137	2,138	1,880	1,413

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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12	0	99 520	52 345,429	958 934,824	18,319	17,852
13	1	99 214	49 464,000	906 589,395	18,328	17,861
14	2	99 179	46 869,189	857 125,395	18,288	17,820
15	3	99 154	44 414,226	810 256,206	18,243	17,776
16	4	99 128	42 087,722	765 841,980	18,196	17,729
17	5	99 094	39 879,886	723 754,258	18,148	17,681
18	6	99 058	37 787,088	683 874,372	18,098	17,631
19	7	99 011	35 800,253	646 087,284	18,047	17,580
20	8	98 967	33 918,819	610 287,031	17,993	17,525
21	9	98 917	32 134,416	576 368,211	17,936	17,469
22	10	98 871	30 444,956	544 233,795	17,876	17,409
23	11	98 820	28 842,999	513 788,839	17,813	17,346
24	12	98 772	27 326,026	484 945,839	17,747	17,279
25	13	98 718	25 887,114	457 619,813	17,678	17,210
26	14	98 665	24 524,493	431 732,699	17,604	17,137
27	15	98 611	23 233,156	407 208,207	17,527	17,060
28	16	98 553	22 009,100	383 975,051	17,446	16,979
29	17	98 491	20 848,521	361 965,951	17,362	16,895
30	18	98 426	19 748,633	341 117,430	17,273	16,806
31	19	98 352	18 704,889	321 368,797	17,181	16,714
32	20	98 274	17 715,736	302 663,909	17,084	16,617
33	21	98 193	16 778,418	284 948,173	16,983	16,516
34	22	98 105	15 889,457	268 169,755	16,877	16,410
35	23	98 014	15 047,056	252 280,298	16,766	16,299
36	24	97 918	14 248,606	237 233,242	16,650	16,182
37	25	97 816	13 491,751	222 984,636	16,527	16,060
38	26	97 701	12 773,429	209 492,885	16,401	15,933
39	27	97 579	12 092,313	196 719,456	16,268	15,801
40	28	97 449	11 446,676	184 627,143	16,129	15,662
41	29	97 306	10 833,947	173 180,467	15,985	15,518
42	30	97 151	10 252,793	162 346,520	15,834	15,367
43	31	96 980	9 701,208	152 093,727	15,678	15,211
44	32	96 800	9 178,416	142 392,519	15,514	15,047
45	33	96 593	8 681,303	133 214,103	15,345	14,878
46	34	96 369	8 209,646	124 532,800	15,169	14,702
47	35	96 120	7 761,545	116 323,154	14,987	14,520
48	36	95 853	7 336,470	108 561,609	14,798	14,330
49	37	95 555	6 932,353	101 225,139	14,602	14,135
50	38	95 225	6 548,317	94 292,786	14,400	13,932
51	39	94 852	6 182,571	87 744,469	14,192	13,725
52	40	94 444	5 835,052	81 561,898	13,978	13,511
53	41	93 988	5 504,177	75 726,846	13,758	13,291
54	42	93 477	5 188,878	70 222,669	13,533	13,066
55	43	92 907	4 888,337	65 033,791	13,304	12,837
56	44	92 273	4 601,916	60 145,454	13,070	12,602
57	45	91 577	4 329,066	55 543,538	12,830	12,363
58	46	90 800	4 068,599	51 214,472	12,588	12,121
59	47	89 950	3 820,380	47 145,873	12,341	11,873
60	48	89 024	3 583,932	43 325,493	12,089	11,622
61	49	88 008	3 358,333	39 741,561	11,834	11,367
62	50	86 904	3 143,302	36 383,228	11,575	11,108
63	51	85 707	2 938,399	33 239,927	11,312	10,845
64	52	84 413	2 743,175	30 301,527	11,046	10,579
65	53	83 016	2 557,128	27 558,352	10,777	10,310
66	54	81 526	2 380,312	25 001,224	10,503	10,036
67	55	79 941	2 212,344	22 620,912	10,225	9,758
68	56	78 247	2 052,587	20 408,567	9,943	9,476
69	57	76 472	1 901,438	18 355,980	9,654	9,187
70	58	74 565	1 757,360	16 454,542	9,363	8,896
71	59	72 585	1 621,510	14 697,182	9,064	8,597
72	60	70 463	1 492,051	13 075,672	8,764	8,296
73	61	68 256	1 369,969	11 583,622	8,455	7,988
74	62	65 917	1 254,049	10 213,653	8,145	7,677
75	63	63 476	1 144,657	8 959,604	7,827	7,360
76	64	60 928	1 041,428	7 814,947	7,504	7,037
77	65	58 225	943,338	6 773,519	7,180	6,713
78	66	55 410	850,934	5 830,181	6,852	6,384
79	67	52 427	763,152	4 979,247	6,525	6,057
80	68	49 309	680,348	4 216,095	6,197	5,730
81	69	46 040	602,125	3 535,747	5,872	5,405
82	70	42 571	527,735	2 933,622	5,559	5,092
83	71	38 981	458,035	2 405,887	5,253	4,785
84	72	35 315	393,324	1 947,852	4,952	4,485
85	73	31 591	333,507	1 554,528	4,661	4,194
86	74	27 820	278,383	1 221,021	4,386	3,919
87	75	24 107	228,656	942,639	4,123	3,655
88	76	20 520	184,487	713,982	3,870	3,403
89	77	17 092	145,655	529,496	3,635	3,168
90	78	13 930	112,523	383,841	3,411	2,944
91	79	11 088	84,896	271,318	3,196	2,729
92	80	8 602	62,425	186,423	2,986	2,519
93	81	6 420	44,164	123,997	2,808	2,340
94	82	4 650	30,320	79,833	2,633	2,166
95	83	3 227	19,943	49,513	2,483	2,015
96	84	2 161	12,658	29,570	2,336	1,869
97	85	1 369	7,601	16,911	2,225	1,758
98	86	839	4,416	9,311	2,109	1,641
99	87	489	2,442	4,895	2,005	1,538
100	88	271	1,284	2,453	1,911	1,444

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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13	0	99 513	49 613,104	907 081,814	18,283	17,816
14	1	99 204	46 880,812	857 468,710	18,290	17,823
15	2	99 166	44 419,744	810 587,897	18,248	17,781
16	3	99 138	42 092,063	766 168,153	18,202	17,735
17	4	99 103	39 883,703	724 076,090	18,155	17,687
18	5	99 066	37 790,454	684 192,388	18,105	17,638
19	6	99 020	35 803,421	646 401,934	18,054	17,587
20	7	98 971	33 920,395	610 598,513	18,001	17,534
21	8	98 924	32 136,656	576 678,118	17,945	17,477
22	9	98 877	30 446,819	544 541,462	17,885	17,418
23	10	98 826	28 844,687	514 094,644	17,823	17,356
24	11	98 780	27 328,139	485 249,957	17,756	17,289
25	12	98 725	25 889,147	457 921,818	17,688	17,221
26	13	98 674	24 526,803	432 032,671	17,615	17,148
27	14	98 620	23 235,298	407 505,867	17,538	17,071
28	15	98 565	22 011,778	384 270,569	17,457	16,990
29	16	98 506	20 851,591	362 258,791	17,373	16,906
30	17	98 440	19 751,322	341 407,200	17,285	16,818
31	18	98 371	18 708,575	321 655,878	17,193	16,726
32	19	98 291	17 718,833	302 947,303	17,097	16,630
33	20	98 212	16 781,521	285 228,470	16,997	16,529
34	21	98 122	15 892,077	268 446,949	16,892	16,425
35	22	98 030	15 049,506	252 554,872	16,782	16,314
36	23	97 935	14 251,170	237 505,366	16,666	16,198
37	24	97 833	13 494,179	223 254,196	16,544	16,077
38	25	97 720	12 775,859	209 760,016	16,418	15,951
39	26	97 597	12 094,589	196 984,157	16,287	15,820
40	27	97 470	11 449,140	184 889,568	16,149	15,682
41	28	97 328	10 836,500	173 440,428	16,005	15,538
42	29	97 176	10 255,447	162 603,928	15,855	15,388
43	30	97 011	9 704,286	152 348,481	15,699	15,232
44	31	96 831	9 181,299	142 644,195	15,536	15,069
45	32	96 626	8 684,278	133 462,896	15,368	14,901
46	33	96 404	8 212,605	124 778,618	15,194	14,726
47	34	96 159	7 764,698	116 566,012	15,012	14,545
48	35	95 892	7 339,494	108 801,315	14,824	14,357
49	36	95 598	6 935,533	101 461,820	14,629	14,162
50	37	95 271	6 551,427	94 526,287	14,428	13,961
51	38	94 909	6 186,303	87 974,860	14,221	13,754
52	39	94 500	5 838,562	81 788,558	14,008	13,541
53	40	94 053	5 507,953	75 949,996	13,789	13,322
54	41	93 547	5 192,722	70 442,042	13,566	13,098
55	42	92 980	4 892,220	65 249,320	13,337	12,870
56	43	92 357	4 606,099	60 357,100	13,104	12,637
57	44	91 666	4 333,272	55 751,001	12,866	12,399
58	45	90 905	4 073,293	51 417,730	12,623	12,156
59	46	90 060	3 825,037	47 344,437	12,378	11,910
60	47	89 146	3 588,850	43 519,400	12,126	11,659
61	48	88 149	3 363,694	39 930,550	11,871	11,404
62	49	87 056	3 148,806	36 566,856	11,613	11,146
63	50	85 866	2 943,855	33 418,050	11,352	10,885
64	51	84 595	2 749,066	30 474,195	11,085	10,618
65	52	83 210	2 563,108	27 725,129	10,817	10,350
66	53	81 736	2 386,440	25 162,021	10,544	10,077
67	54	80 172	2 218,753	22 775,581	10,265	9,798
68	55	78 502	2 059,270	20 556,828	9,983	9,515
69	56	76 746	1 908,264	18 497,557	9,693	9,226
70	57	74 858	1 764,283	16 589,294	9,403	8,936
71	58	72 902	1 628,593	14 825,010	9,103	8,636
72	59	70 796	1 499,106	13 196,417	8,803	8,336
73	60	68 618	1 377,235	11 697,311	8,493	8,026
74	61	66 294	1 261,220	10 320,076	8,183	7,715
75	62	63 868	1 151,722	9 058,856	7,865	7,398
76	63	61 342	1 048,504	7 907,134	7,541	7,074
77	64	58 663	950,441	6 858,630	7,216	6,749
78	65	55 855	857,771	5 908,189	6,888	6,421
79	66	52 890	769,898	5 050,418	6,560	6,093
80	67	49 781	686,861	4 280,520	6,232	5,765
81	68	46 527	608,493	3 593,660	5,906	5,439
82	69	43 069	533,904	2 985,166	5,591	5,124
83	70	39 478	463,879	2 451,262	5,284	4,817
84	71	35 805	398,788	1 987,383	4,984	4,516
85	72	32 066	338,522	1 588,595	4,693	4,226
86	73	28 284	283,029	1 250,073	4,417	3,950
87	74	24 545	232,810	967,044	4,154	3,687
88	75	20 923	188,104	734,234	3,903	3,436
89	76	17 469	148,865	546,130	3,669	3,201
90	77	14 270	115,266	397,265	3,447	2,979
91	78	11 401	87,292	281,999	3,231	2,763
92	79	8 881	64,450	194,708	3,021	2,554
93	80	6 663	45,835	130,258	2,842	2,375
94	81	4 857	31,672	84,422	2,666	2,198
95	82	3 395	20,979	52,751	2,514	2,047
96	83	2 291	13,419	31,771	2,368	1,900
97	84	1 464	8,130	18,352	2,257	1,790
98	85	908	4,779	10,222	2,139	1,671
99	86	536	2,675	5,442	2,034	1,567
100	87	302	1,426	2,767	1,940	1,473

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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14	0	99 503	47 022,130	857 924,254	18,245	17,778
15	1	99 191	44 430,761	810 902,124	18,251	17,784
16	2	99 150	42 097,292	766 471,364	18,207	17,740
17	3	99 113	39 887,816	724 374,071	18,160	17,693
18	4	99 076	37 794,071	684 486,255	18,111	17,644
19	5	99 028	35 806,610	646 692,185	18,061	17,594
20	6	98 980	33 923,396	610 885,575	18,008	17,541
21	7	98 929	32 138,149	576 962,179	17,953	17,485
22	8	98 884	30 448,940	544 824,030	17,893	17,426
23	9	98 832	28 846,451	514 375,089	17,831	17,364
24	10	98 786	27 329,738	485 528,638	17,766	17,298
25	11	98 733	25 891,149	458 198,900	17,697	17,230
26	12	98 682	24 528,730	432 307,751	17,625	17,157
27	13	98 629	23 237,487	407 779,021	17,548	17,081
28	14	98 574	22 013,808	384 541,534	17,468	17,001
29	15	98 517	20 854,128	362 527,726	17,384	16,917
30	16	98 454	19 754,231	341 673,598	17,296	16,829
31	17	98 384	18 711,122	321 919,367	17,205	16,738
32	18	98 310	17 722,325	303 208,245	17,109	16,642
33	19	98 229	16 784,454	285 485,920	17,009	16,542
34	20	98 140	15 895,016	268 701,466	16,905	16,438
35	21	98 046	15 051,988	252 806,450	16,796	16,328
36	22	97 951	14 253,491	237 754,461	16,680	16,213
37	23	97 851	13 496,608	223 500,970	16,560	16,093
38	24	97 738	12 778,159	210 004,362	16,435	15,967
39	25	97 616	12 096,890	197 226,203	16,304	15,837
40	26	97 488	11 451,295	185 129,313	16,167	15,699
41	27	97 349	10 838,833	173 678,019	16,024	15,556
42	28	97 199	10 257,864	162 839,186	15,875	15,407
43	29	97 036	9 706,797	152 581,322	15,719	15,252
44	30	96 861	9 184,212	142 874,525	15,557	15,089
45	31	96 656	8 687,006	133 690,313	15,390	14,923
46	32	96 437	8 215,420	125 003,307	15,216	14,749
47	33	96 194	7 767,497	116 787,886	15,035	14,568
48	34	95 931	7 342,475	109 020,390	14,848	14,381
49	35	95 638	6 938,393	101 677,914	14,654	14,187
50	36	95 314	6 554,432	94 739,522	14,454	13,987
51	37	94 954	6 189,240	88 185,090	14,248	13,781
52	38	94 557	5 842,086	81 995,849	14,035	13,568
53	39	94 109	5 511,266	76 153,763	13,818	13,351
54	40	93 611	5 196,285	70 642,496	13,595	13,128
55	41	93 049	4 895,844	65 446,212	13,368	12,901
56	42	92 431	4 609,758	60 550,367	13,135	12,668
57	43	91 749	4 337,210	55 940,609	12,898	12,431
58	44	90 993	4 077,250	51 603,399	12,656	12,189
59	45	90 164	3 829,449	47 526,149	12,411	11,944
60	46	89 255	3 593,225	43 696,700	12,161	11,694
61	47	88 270	3 368,310	40 103,475	11,906	11,439
62	48	87 195	3 153,834	36 735,165	11,648	11,181
63	49	86 016	2 949,010	33 581,332	11,387	10,920
64	50	84 752	2 754,170	30 632,322	11,122	10,655
65	51	83 389	2 568,611	27 878,152	10,853	10,386
66	52	81 927	2 392,020	25 309,540	10,581	10,114
67	53	80 379	2 224,465	22 917,520	10,302	9,835
68	54	78 729	2 065,236	20 693,055	10,020	9,553
69	55	76 996	1 914,477	18 627,819	9,730	9,263
70	56	75 127	1 770,617	16 713,342	9,439	8,972
71	57	73 189	1 635,009	14 942,725	9,139	8,672
72	58	71 105	1 505,655	13 307,716	8,838	8,371
73	59	68 942	1 383,747	11 802,061	8,529	8,062
74	60	66 645	1 267,910	10 418,313	8,217	7,750
75	61	64 233	1 158,308	9 150,404	7,900	7,433
76	62	61 720	1 054,975	7 992,096	7,576	7,108
77	63	59 062	956,899	6 937,120	7,250	6,782
78	64	56 276	864,229	5 980,221	6,920	6,453
79	65	53 315	776,084	5 115,992	6,592	6,125
80	66	50 221	692,932	4 339,909	6,263	5,796
81	67	46 972	614,318	3 646,976	5,937	5,469
82	68	43 525	539,551	3 032,658	5,621	5,154
83	69	39 940	469,302	2 493,107	5,312	4,845
84	70	36 262	403,876	2 023,806	5,011	4,544
85	71	32 512	343,225	1 619,929	4,720	4,253
86	72	28 709	287,285	1 276,705	4,444	3,977
87	73	24 955	236,696	989,420	4,180	3,713
88	74	21 303	191,521	752,724	3,930	3,463
89	75	17 811	151,784	561,203	3,697	3,230
90	76	14 584	117,806	409,418	3,475	3,008
91	77	11 679	89,420	291,612	3,261	2,794
92	78	9 131	66,269	202,193	3,051	2,584
93	79	6 879	47,322	135,924	2,872	2,405
94	80	5 041	32,870	88,602	2,696	2,228
95	81	3 546	21,915	55,732	2,543	2,076
96	82	2 410	14,116	33,817	2,396	1,928
97	83	1 552	8,619	19,701	2,286	1,818
98	84	971	5,113	11,082	2,167	1,700
99	85	580	2,896	5,969	2,061	1,594
100	86	330	1,562	3,073	1,967	1,500

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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15	0	99 490	44 564,693	811 323,633	18,206	17,738
16	1	99 175	42 107,732	766 758,940	18,209	17,742
17	2	99 126	39 892,772	724 651,208	18,165	17,698
18	3	99 086	37 797,969	684 758,436	18,116	17,649
19	4	99 038	35 810,037	646 960,467	18,066	17,599
20	5	98 989	33 926,418	611 150,431	18,014	17,547
21	6	98 937	32 140,992	577 224,012	17,959	17,492
22	7	98 889	30 450,355	545 083,020	17,901	17,434
23	8	98 839	28 848,462	514 632,665	17,839	17,372
24	9	98 792	27 331,410	485 784,204	17,774	17,307
25	10	98 739	25 892,664	458 452,794	17,706	17,239
26	11	98 690	24 530,626	432 560,130	17,633	17,166
27	12	98 637	23 239,312	408 029,504	17,558	17,091
28	13	98 584	22 015,882	384 790,192	17,478	17,011
29	14	98 527	20 856,051	362 774,310	17,394	16,927
30	15	98 466	19 756,635	341 918,258	17,307	16,839
31	16	98 399	18 713,878	322 161,623	17,215	16,748
32	17	98 324	17 724,738	303 447,745	17,120	16,653
33	18	98 248	16 787,762	285 723,007	17,020	16,553
34	19	98 157	15 897,795	268 935,246	16,917	16,449
35	20	98 064	15 054,772	253 037,451	16,808	16,341
36	21	97 967	14 255,842	237 982,679	16,694	16,227
37	22	97 867	13 498,806	223 726,838	16,574	16,107
38	23	97 755	12 780,459	210 228,031	16,449	15,982
39	24	97 633	12 099,067	197 447,573	16,319	15,852
40	25	97 507	11 453,473	185 348,506	16,183	15,716
41	26	97 368	10 840,873	173 895,032	16,041	15,573
42	27	97 220	10 260,072	163 054,159	15,892	15,425
43	28	97 059	9 709,085	152 794,088	15,737	15,270
44	29	96 886	9 186,589	143 085,002	15,575	15,108
45	30	96 687	8 689,762	133 898,413	15,409	14,942
46	31	96 467	8 218,001	125 208,651	15,236	14,769
47	32	96 227	7 770,159	116 990,651	15,056	14,589
48	33	95 966	7 345,122	109 220,492	14,870	14,403
49	34	95 677	6 941,211	101 875,370	14,677	14,210
50	35	95 354	6 557,135	94 934,159	14,478	14,011
51	36	94 997	6 192,079	88 377,024	14,273	13,805
52	37	94 602	5 844,861	82 184,945	14,061	13,594
53	38	94 166	5 514,593	76 340,084	13,843	13,376
54	39	93 667	5 199,410	70 825,491	13,622	13,155
55	40	93 113	4 899,204	65 626,081	13,395	12,928
56	41	92 499	4 613,173	60 726,877	13,164	12,697
57	42	91 822	4 340,656	56 113,704	12,927	12,460
58	43	91 076	4 080,956	51 773,049	12,687	12,219
59	44	90 251	3 833,170	47 692,093	12,442	11,975
60	45	89 358	3 597,370	43 858,923	12,192	11,725
61	46	88 377	3 372,416	40 261,553	11,938	11,471
62	47	87 315	3 158,161	36 889,137	11,681	11,213
63	48	86 154	2 953,718	33 730,976	11,420	10,953
64	49	84 900	2 758,993	30 777,258	11,155	10,688
65	50	83 544	2 573,380	28 018,265	10,888	10,421
66	51	82 103	2 397,157	25 444,885	10,615	10,147
67	52	80 567	2 229,667	23 047,728	10,337	9,870
68	53	78 932	2 070,553	20 818,061	10,054	9,587
69	54	77 219	1 920,023	18 747,508	9,764	9,297
70	55	75 372	1 776,382	16 827,485	9,473	9,006
71	56	73 452	1 640,879	15 051,103	9,173	8,705
72	57	71 386	1 511,586	13 410,224	8,872	8,404
73	58	69 244	1 389,792	11 898,638	8,561	8,094
74	59	66 961	1 273,905	10 508,846	8,249	7,782
75	60	64 574	1 164,452	9 234,940	7,931	7,464
76	61	62 073	1 061,008	8 070,489	7,606	7,139
77	62	59 426	962,805	7 009,481	7,280	6,813
78	63	56 658	870,101	6 046,676	6,949	6,482
79	64	53 717	781,927	5 176,574	6,620	6,153
80	65	50 625	698,499	4 394,647	6,292	5,824
81	66	47 388	619,749	3 696,148	5,964	5,497
82	67	43 941	544,716	3 076,399	5,648	5,181
83	68	40 362	474,265	2 531,683	5,338	4,871
84	69	36 686	408,598	2 057,418	5,035	4,568
85	70	32 926	347,604	1 648,821	4,743	4,276
86	71	29 108	291,276	1 301,217	4,467	4,000
87	72	25 330	240,255	1 009,941	4,204	3,736
88	73	21 658	194,718	769,686	3,953	3,486
89	74	18 135	154,542	574,968	3,720	3,253
90	75	14 870	120,116	420,426	3,500	3,033
91	76	11 936	91,391	300,310	3,286	2,819
92	77	9 354	67,884	208,920	3,078	2,610
93	78	7 073	48,657	141,035	2,899	2,431
94	79	5 205	33,936	92,378	2,722	2,255
95	80	3 680	22,744	58,442	2,570	2,102
96	81	2 517	14,746	35,698	2,421	1,954
97	82	1 633	9,067	20,952	2,311	1,844
98	83	1 030	5,420	11,885	2,193	1,726
99	84	621	3,097	6,465	2,087	1,620
100	85	358	1,691	3,368	1,991	1,524

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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16	0	99 474	42 234,662	767 149,027	18,164	17,697
17	1	99 150	39 902,665	724 914,365	18,167	17,700
18	2	99 098	37 802,665	685 011,700	18,121	17,654
19	3	99 048	35 813,730	647 209,035	18,072	17,604
20	4	98 999	33 929,665	611 395,305	18,019	17,552
21	5	98 946	32 143,855	577 465,641	17,965	17,498
22	6	98 897	30 453,049	545 321,785	17,907	17,440
23	7	98 844	28 849,802	514 868,736	17,847	17,379
24	8	98 799	27 333,315	486 018,934	17,781	17,314
25	9	98 745	25 894,248	458 685,620	17,714	17,247
26	10	98 696	24 532,061	432 791,372	17,642	17,175
27	11	98 645	23 241,109	408 259,311	17,566	17,099
28	12	98 591	22 017,611	385 018,201	17,487	17,020
29	13	98 536	20 858,017	363 000,591	17,403	16,936
30	14	98 475	19 758,457	342 142,574	17,316	16,849
31	15	98 411	18 716,155	322 384,117	17,225	16,758
32	16	98 338	17 727,348	303 667,962	17,130	16,663
33	17	98 261	16 790,048	285 940,614	17,030	16,563
34	18	98 176	15 900,927	269 150,566	16,927	16,460
35	19	98 081	15 057,404	253 249,638	16,819	16,352
36	20	97 985	14 258,478	238 192,235	16,705	16,238
37	21	97 883	13 501,032	223 933,757	16,586	16,119
38	22	97 771	12 782,540	210 432,725	16,463	15,995
39	23	97 651	12 101,245	197 650,185	16,333	15,866
40	24	97 525	11 455,535	185 548,940	16,197	15,730
41	25	97 386	10 842,935	174 093,405	16,056	15,589
42	26	97 238	10 262,003	163 250,470	15,908	15,441
43	27	97 080	9 711,175	152 988,467	15,754	15,287
44	28	96 909	9 188,754	143 277,292	15,593	15,125
45	29	96 712	8 692,011	134 088,537	15,427	14,959
46	30	96 498	8 220,608	125 396,526	15,254	14,787
47	31	96 257	7 772,599	117 175,919	15,076	14,608
48	32	95 999	7 347,640	109 403,319	14,890	14,422
49	33	95 711	6 943,713	102 055,680	14,698	14,230
50	34	95 392	6 559,798	95 111,967	14,499	14,032
51	35	95 037	6 194,632	88 552,169	14,295	13,828
52	36	94 646	5 847,542	82 357,537	14,084	13,617
53	37	94 211	5 517,212	76 509,995	13,868	13,400
54	38	93 724	5 202,549	70 992,783	13,646	13,179
55	39	93 169	4 902,151	65 790,234	13,421	12,954
56	40	92 563	4 616,338	60 888,083	13,190	12,723
57	41	91 890	4 343,871	56 271,745	12,954	12,487
58	42	91 148	4 084,198	51 927,874	12,714	12,247
59	43	90 333	3 836,654	47 843,676	12,470	12,003
60	44	89 445	3 600,865	44 007,023	12,221	11,754
61	45	88 479	3 376,306	40 406,158	11,968	11,500
62	46	87 421	3 162,011	37 029,852	11,711	11,244
63	47	86 272	2 957,771	33 867,841	11,450	10,983
64	48	85 036	2 763,398	30 910,069	11,186	10,718
65	49	83 690	2 577,887	28 146,672	10,919	10,451
66	50	82 255	2 401,607	25 568,785	10,647	10,179
67	51	80 740	2 234,455	23 167,177	10,368	9,901
68	52	79 117	2 075,395	20 932,723	10,086	9,619
69	53	77 418	1 924,966	18 857,328	9,796	9,329
70	54	75 590	1 781,528	16 932,362	9,504	9,037
71	55	73 691	1 646,221	15 150,834	9,203	8,736
72	56	71 642	1 517,013	13 504,613	8,902	8,435
73	57	69 516	1 395,267	11 987,600	8,592	8,124
74	58	67 253	1 279,470	10 592,332	8,279	7,812
75	59	64 879	1 169,958	9 312,862	7,960	7,493
76	60	62 403	1 066,636	8 142,904	7,634	7,167
77	61	59 766	968,310	7 076,269	7,308	6,841
78	62	57 008	875,472	6 107,958	6,977	6,510
79	63	54 082	787,240	5 232,486	6,647	6,179
80	64	51 006	703,758	4 445,246	6,316	5,849
81	65	47 768	624,728	3 741,488	5,989	5,522
82	66	44 330	549,531	3 116,760	5,672	5,204
83	67	40 749	478,805	2 567,229	5,362	4,895
84	68	37 074	412,919	2 088,423	5,058	4,591
85	69	33 311	351,667	1 675,504	4,764	4,297
86	70	29 480	294,992	1 323,837	4,488	4,021
87	71	25 682	243,593	1 028,845	4,224	3,756
88	72	21 984	197,646	785,252	3,973	3,506
89	73	18 438	157,121	587,607	3,740	3,273
90	74	15 141	122,298	430,486	3,520	3,053
91	75	12 171	93,183	308,187	3,307	2,840
92	76	9 560	69,381	215,005	3,099	2,632
93	77	7 246	49,843	145,624	2,922	2,454
94	78	5 352	34,894	95,780	2,745	2,278
95	79	3 799	23,481	60,886	2,593	2,126
96	80	2 612	15,304	37,405	2,444	1,977
97	81	1 706	9,471	22,101	2,334	1,866
98	82	1 083	5,702	12,630	2,215	1,748
99	83	658	3,284	6,929	2,110	1,643
100	84	383	1,809	3,645	2,015	1,548

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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17	0	99 449	40 022,948	725 275,431	18,121	17,654
18	1	99 123	37 812,040	685 252,483	18,123	17,655
19	2	99 060	35 818,180	647 440,443	18,076	17,609
20	3	99 009	33 933,164	611 622,263	18,024	17,557
21	4	98 956	32 146,931	577 689,099	17,970	17,503
22	5	98 906	30 455,762	545 542,168	17,913	17,445
23	6	98 853	28 852,354	515 086,406	17,852	17,385
24	7	98 803	27 334,584	486 234,052	17,788	17,321
25	8	98 752	25 896,052	458 899,467	17,721	17,254
26	9	98 702	24 533,562	433 003,415	17,649	17,182
27	10	98 650	23 242,469	408 469,853	17,574	17,107
28	11	98 599	22 019,314	385 227,384	17,495	17,028
29	12	98 544	20 859,655	363 208,070	17,412	16,945
30	13	98 484	19 760,318	342 348,416	17,325	16,858
31	14	98 420	18 717,881	322 588,098	17,234	16,767
32	15	98 350	17 729,506	303 870,217	17,139	16,672
33	16	98 276	16 792,521	286 140,711	17,040	16,573
34	17	98 190	15 903,093	269 348,190	16,937	16,470
35	18	98 101	15 060,371	253 445,098	16,829	16,361
36	19	98 003	14 260,970	238 384,727	16,716	16,249
37	20	97 901	13 503,529	224 123,756	16,597	16,130
38	21	97 787	12 784,648	210 620,228	16,474	16,007
39	22	97 667	12 103,215	197 835,580	16,346	15,879
40	23	97 542	11 457,597	185 732,364	16,210	15,743
41	24	97 404	10 844,887	174 274,768	16,070	15,603
42	25	97 256	10 263,956	163 429,881	15,923	15,456
43	26	97 098	9 713,003	153 165,925	15,769	15,302
44	27	96 930	9 190,732	143 452,922	15,608	15,141
45	28	96 735	8 694,060	134 262,190	15,443	14,976
46	29	96 523	8 222,735	125 568,131	15,271	14,804
47	30	96 287	7 775,065	117 345,395	15,093	14,625
48	31	96 029	7 349,947	109 570,330	14,908	14,440
49	32	95 744	6 946,093	102 220,382	14,716	14,249
50	33	95 427	6 562,162	95 274,290	14,519	14,052
51	34	95 075	6 197,148	88 712,127	14,315	13,848
52	35	94 685	5 849,953	82 514,979	14,105	13,638
53	36	94 254	5 519,743	76 665,026	13,889	13,422
54	37	93 768	5 205,019	71 145,283	13,669	13,201
55	38	93 225	4 905,110	65 940,264	13,443	12,976
56	39	92 618	4 619,115	61 035,154	13,214	12,746
57	40	91 953	4 346,852	56 416,039	12,979	12,511
58	41	91 216	4 087,223	52 069,187	12,740	12,272
59	42	90 405	3 839,702	47 981,964	12,496	12,029
60	43	89 526	3 604,137	44 142,263	12,248	11,780
61	44	88 565	3 379,586	40 538,125	11,995	11,528
62	45	87 522	3 165,659	37 158,539	11,738	11,271
63	46	86 377	2 961,377	33 992,880	11,479	11,012
64	47	85 152	2 767,190	31 031,503	11,214	10,747
65	48	83 824	2 582,002	28 264,314	10,947	10,479
66	49	82 399	2 405,813	25 682,311	10,675	10,208
67	50	80 889	2 238,603	23 276,498	10,398	9,931
68	51	79 287	2 079,851	21 037,895	10,115	9,648
69	52	77 599	1 929,468	18 958,044	9,826	9,358
70	53	75 785	1 786,114	17 028,576	9,534	9,067
71	54	73 904	1 650,991	15 242,462	9,232	8,765
72	55	71 875	1 521,952	13 591,471	8,930	8,463
73	56	69 766	1 400,276	12 069,519	8,619	8,152
74	57	67 518	1 284,511	10 669,243	8,306	7,839
75	58	65 163	1 175,069	9 384,732	7,987	7,519
76	59	62 698	1 071,679	8 209,664	7,661	7,193
77	60	60 083	973,446	7 137,984	7,333	6,866
78	61	57 334	880,478	6 164,538	7,001	6,534
79	62	54 416	792,099	5 284,060	6,671	6,204
80	63	51 352	708,540	4 491,961	6,340	5,873
81	64	48 128	629,432	3 783,420	6,011	5,544
82	65	44 686	553,946	3 153,989	5,694	5,226
83	66	41 109	483,038	2 600,042	5,383	4,916
84	67	37 429	416,872	2 117,005	5,078	4,611
85	68	33 664	355,387	1 700,133	4,784	4,317
86	69	29 824	298,441	1 344,746	4,506	4,039
87	70	26 010	246,701	1 046,306	4,241	3,774
88	71	22 289	200,391	799,605	3,990	3,523
89	72	18 715	159,484	599,213	3,757	3,290
90	73	15 393	124,340	439,730	3,537	3,069
91	74	12 392	94,875	315,390	3,324	2,857
92	75	9 748	70,741	220,515	3,117	2,650
93	76	7 406	50,942	149,774	2,940	2,473
94	77	5 482	35,745	98,832	2,765	2,298
95	78	3 907	24,144	63,087	2,613	2,146
96	79	2 697	15,800	38,943	2,465	1,998
97	80	1 770	9,829	23,143	2,354	1,887
98	81	1 132	5,956	13,313	2,235	1,768
99	82	692	3,454	7,358	2,130	1,663
100	83	406	1,918	3,904	2,035	1,568

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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18	0	99 422	37 926,020	685 586,743	18,077	17,610
19	1	99 085	35 827,063	647 660,723	18,077	17,610
20	2	99 021	33 937,380	611 833,660	18,028	17,561
21	3	98 966	32 150,247	577 896,280	17,975	17,508
22	4	98 916	30 458,676	545 746,033	17,918	17,450
23	5	98 861	28 854,924	515 287,356	17,858	17,391
24	6	98 812	27 337,003	486 432,432	17,794	17,327
25	7	98 756	25 897,255	459 095,429	17,728	17,260
26	8	98 709	24 535,272	433 198,174	17,656	17,189
27	9	98 656	23 243,891	408 662,902	17,582	17,114
28	10	98 605	22 020,602	385 419,011	17,503	17,035
29	11	98 551	20 861,268	363 398,410	17,420	16,953
30	12	98 492	19 761,870	342 537,142	17,333	16,866
31	13	98 429	18 719,645	322 775,272	17,243	16,775
32	14	98 359	17 731,140	304 055,627	17,148	16,681
33	15	98 288	16 794,564	286 324,487	17,049	16,581
34	16	98 204	15 905,435	269 529,923	16,946	16,479
35	17	98 114	15 062,422	253 624,488	16,838	16,371
36	18	98 022	14 263,781	238 562,066	16,725	16,258
37	19	97 918	13 505,890	224 298,286	16,607	16,140
38	20	97 805	12 787,012	210 792,396	16,485	16,018
39	21	97 683	12 105,211	198 005,384	16,357	15,890
40	22	97 558	11 459,462	185 900,173	16,222	15,755
41	23	97 421	10 846,839	174 440,710	16,082	15,615
42	24	97 274	10 265,803	163 593,871	15,936	15,469
43	25	97 116	9 714,851	153 328,069	15,783	15,316
44	26	96 948	9 192,462	143 613,218	15,623	15,156
45	27	96 756	8 695,931	134 420,756	15,458	14,991
46	28	96 545	8 224,674	125 724,825	15,286	14,819
47	29	96 312	7 777,078	117 500,151	15,109	14,641
48	30	96 059	7 352,279	109 723,073	14,924	14,456
49	31	95 774	6 948,275	102 370,794	14,733	14,266
50	32	95 459	6 564,412	95 422,520	14,536	14,069
51	33	95 109	6 199,382	88 858,108	14,333	13,866
52	34	94 723	5 852,329	82 658,726	14,124	13,657
53	35	94 293	5 522,019	76 806,397	13,909	13,442
54	36	93 811	5 207,407	71 284,379	13,689	13,222
55	37	93 270	4 907,439	66 076,972	13,465	12,997
56	38	92 674	4 621,903	61 169,533	13,235	12,768
57	39	92 008	4 349,466	56 547,630	13,001	12,534
58	40	91 279	4 090,028	52 198,163	12,762	12,295
59	41	90 472	3 842,546	48 108,135	12,520	12,053
60	42	89 597	3 607,001	44 265,589	12,272	11,805
61	43	88 646	3 382,658	40 658,589	12,020	11,553
62	44	87 607	3 168,734	37 275,931	11,764	11,296
63	45	86 477	2 964,793	34 107,196	11,504	11,037
64	46	85 256	2 770,563	31 142,403	11,240	10,773
65	47	83 939	2 585,545	28 371,841	10,973	10,506
66	48	82 531	2 409,654	25 786,295	10,701	10,234
67	49	81 031	2 242,523	23 376,641	10,424	9,957
68	50	79 434	2 083,713	21 134,118	10,143	9,675
69	51	77 766	1 933,611	19 050,405	9,852	9,385
70	52	75 962	1 790,291	17 116,794	9,561	9,094
71	53	74 094	1 655,241	15 326,503	9,259	8,792
72	54	72 083	1 526,361	13 671,263	8,957	8,490
73	55	69 993	1 404,836	12 144,901	8,645	8,178
74	56	67 760	1 289,122	10 740,066	8,331	7,864
75	57	65 419	1 179,698	9 450,944	8,011	7,544
76	58	62 972	1 076,361	8 271,246	7,684	7,217
77	59	60 367	978,049	7 194,885	7,356	6,889
78	60	57 638	885,148	6 216,836	7,023	6,556
79	61	54 727	796,629	5 331,687	6,693	6,226
80	62	51 669	712,914	4 535,059	6,361	5,894
81	63	48 455	633,708	3 822,145	6,031	5,564
82	64	45 022	558,117	3 188,437	5,713	5,246
83	65	41 439	486,919	2 630,320	5,402	4,935
84	66	37 760	420,557	2 143,401	5,097	4,629
85	67	33 986	358,789	1 722,844	4,802	4,335
86	68	30 140	301,597	1 364,056	4,523	4,056
87	69	26 314	249,585	1 062,459	4,257	3,790
88	70	22 574	202,948	812,874	4,005	3,538
89	71	18 975	161,699	609,926	3,772	3,305
90	72	15 625	126,209	448,227	3,551	3,084
91	73	12 598	96,459	322,017	3,338	2,871
92	74	9 925	72,026	225,558	3,132	2,664
93	75	7 551	51,941	153,532	2,956	2,489
94	76	5 603	36,532	101,591	2,781	2,314
95	77	4 002	24,733	65,059	2,630	2,163
96	78	2 773	16,246	40,326	2,482	2,015
97	79	1 828	10,148	24,080	2,373	1,906
98	80	1 174	6,181	13,932	2,254	1,787
99	81	723	3,608	7,751	2,148	1,681
100	82	427	2,017	4,143	2,053	1,586

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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19	0	99 384	35 935,060	647 970,211	18,032	17,565
20	1	99 046	33 945,797	612 035,151	18,030	17,563
21	2	98 978	32 154,241	578 089,355	17,979	17,511
22	3	98 926	30 461,818	545 935,113	17,922	17,455
23	4	98 871	28 857,686	515 473,295	17,863	17,395
24	5	98 821	27 339,438	486 615,610	17,799	17,332
25	6	98 765	25 899,546	459 276,171	17,733	17,266
26	7	98 713	24 536,412	433 376,625	17,663	17,195
27	8	98 663	23 245,511	408 840,213	17,588	17,121
28	9	98 611	22 021,949	385 594,703	17,510	17,042
29	10	98 557	20 862,488	363 572,754	17,427	16,960
30	11	98 500	19 763,398	342 710,266	17,341	16,873
31	12	98 437	18 721,115	322 946,867	17,250	16,783
32	13	98 369	17 732,811	304 225,753	17,156	16,689
33	14	98 297	16 796,113	286 492,942	17,057	16,590
34	15	98 216	15 907,370	269 696,829	16,954	16,487
35	16	98 128	15 064,640	253 789,459	16,847	16,380
36	17	98 035	14 265,723	238 724,819	16,734	16,267
37	18	97 938	13 508,551	224 459,096	16,616	16,149
38	19	97 822	12 789,247	210 950,545	16,494	16,027
39	20	97 701	12 107,450	198 161,297	16,367	15,900
40	21	97 574	11 461,352	186 053,847	16,233	15,766
41	22	97 437	10 848,605	174 592,495	16,094	15,626
42	23	97 291	10 267,651	163 743,890	15,948	15,480
43	24	97 134	9 716,599	153 476,239	15,795	15,328
44	25	96 967	9 194,211	143 759,640	15,636	15,169
45	26	96 774	8 697,568	134 565,429	15,472	15,004
46	27	96 566	8 226,444	125 867,861	15,300	14,833
47	28	96 335	7 778,911	117 641,417	15,123	14,656
48	29	96 084	7 354,182	109 862,507	14,939	14,472
49	30	95 804	6 950,479	102 508,325	14,748	14,281
50	31	95 489	6 566,473	95 557,846	14,552	14,085
51	32	95 142	6 201,507	88 991,373	14,350	13,883
52	33	94 757	5 854,438	82 789,865	14,141	13,674
53	34	94 331	5 524,261	76 935,427	13,927	13,460
54	35	93 850	5 209,554	71 411,166	13,708	13,241
55	36	93 312	4 909,690	66 201,612	13,484	13,017
56	37	92 718	4 624,098	61 291,922	13,255	12,788
57	38	92 064	4 352,092	56 667,824	13,021	12,554
58	39	91 333	4 092,488	52 315,732	12,783	12,316
59	40	90 534	3 845,183	48 223,244	12,541	12,074
60	41	89 663	3 609,673	44 378,061	12,294	11,827
61	42	88 716	3 385,345	40 768,389	12,043	11,575
62	43	87 687	3 171,614	37 383,043	11,787	11,320
63	44	86 561	2 967,673	34 211,429	11,528	11,061
64	45	85 354	2 773,759	31 243,756	11,264	10,797
65	46	84 041	2 588,697	28 469,997	10,998	10,531
66	47	82 644	2 412,961	25 881,300	10,726	10,259
67	48	81 160	2 246,104	23 468,339	10,448	9,981
68	49	79 573	2 087,361	21 222,235	10,167	9,700
69	50	77 910	1 937,201	19 134,874	9,878	9,410
70	51	76 125	1 794,135	17 197,673	9,585	9,118
71	52	74 268	1 659,111	15 403,538	9,284	8,817
72	53	72 269	1 530,291	13 744,426	8,982	8,514
73	54	70 196	1 408,905	12 214,136	8,669	8,202
74	55	67 981	1 293,319	10 805,230	8,355	7,887
75	56	65 654	1 183,933	9 511,911	8,034	7,567
76	57	63 220	1 080,601	8 327,978	7,707	7,240
77	58	60 631	982,322	7 247,377	7,378	6,911
78	59	57 910	889,334	6 265,055	7,045	6,577
79	60	55 017	800,854	5 375,721	6,712	6,245
80	61	51 965	716,990	4 574,867	6,381	5,913
81	62	48 754	637,620	3 857,877	6,050	5,583
82	63	45 328	561,909	3 220,257	5,731	5,264
83	64	41 751	490,585	2 658,348	5,419	4,952
84	65	38 063	423,936	2 167,763	5,113	4,646
85	66	34 286	361,960	1 743,828	4,818	4,351
86	67	30 428	304,484	1 381,867	4,538	4,071
87	68	26 592	252,224	1 077,383	4,272	3,804
88	69	22 838	205,321	825,159	4,019	3,552
89	70	19 217	163,762	619,838	3,785	3,318
90	71	15 842	127,963	456,076	3,564	3,097
91	72	12 788	97,909	328,113	3,351	2,884
92	73	10 090	73,228	230,204	3,144	2,676
93	74	7 688	52,885	156,975	2,968	2,501
94	75	5 713	37,249	104,091	2,794	2,327
95	76	4 090	25,278	66,842	2,644	2,177
96	77	2 841	16,642	41,564	2,498	2,030
97	78	1 879	10,435	24,922	2,388	1,921
98	79	1 212	6,382	14,488	2,270	1,803
99	80	751	3,745	8,106	2,165	1,698
100	81	446	2,107	4,361	2,070	1,602

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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20	0	99 344	34 048,123	612 321,753	17,984	17,517
21	1	99 003	32 162,216	578 273,630	17,980	17,513
22	2	98 938	30 465,603	546 111,414	17,926	17,458
23	3	98 881	28 860,662	515 645,812	17,867	17,400
24	4	98 830	27 342,054	486 785,150	17,804	17,336
25	5	98 774	25 901,854	459 443,095	17,738	17,271
26	6	98 722	24 538,582	433 541,242	17,668	17,201
27	7	98 668	23 246,590	409 002,659	17,594	17,127
28	8	98 618	22 023,483	385 756,069	17,516	17,048
29	9	98 563	20 863,764	363 732,585	17,434	16,967
30	10	98 506	19 764,555	342 868,821	17,348	16,880
31	11	98 445	18 722,562	323 104,266	17,257	16,790
32	12	98 376	17 734,204	304 381,704	17,164	16,696
33	13	98 306	16 797,695	286 647,500	17,065	16,598
34	14	98 225	15 908,837	269 849,805	16,962	16,495
35	15	98 140	15 066,473	253 940,968	16,855	16,388
36	16	98 050	14 267,824	238 874,495	16,742	16,275
37	17	97 951	13 510,391	224 606,671	16,625	16,158
38	18	97 842	12 791,768	211 096,280	16,503	16,035
39	19	97 718	12 109,567	198 304,513	16,376	15,909
40	20	97 592	11 463,472	186 194,946	16,242	15,775
41	21	97 453	10 850,394	174 731,475	16,104	15,637
42	22	97 307	10 269,323	163 881,080	15,958	15,491
43	23	97 151	9 718,348	153 611,758	15,806	15,339
44	24	96 984	9 195,866	143 893,409	15,648	15,180
45	25	96 792	8 699,223	134 697,544	15,484	15,017
46	26	96 584	8 227,992	125 998,321	15,313	14,846
47	27	96 356	7 780,585	117 770,329	15,136	14,669
48	28	96 107	7 355,916	109 989,744	14,953	14,485
49	29	95 829	6 952,278	102 633,828	14,763	14,295
50	30	95 520	6 568,556	95 681,551	14,567	14,099
51	31	95 172	6 203,455	89 112,994	14,365	13,898
52	32	94 790	5 856,445	82 909,539	14,157	13,690
53	33	94 365	5 526,253	77 053,094	13,943	13,476
54	34	93 888	5 211,670	71 526,842	13,724	13,257
55	35	93 351	4 911,714	66 315,172	13,501	13,034
56	36	92 761	4 626,219	61 403,457	13,273	12,806
57	37	92 107	4 354,159	56 777,238	13,040	12,573
58	38	91 389	4 094,958	52 423,080	12,802	12,335
59	39	90 589	3 847,496	48 328,121	12,561	12,094
60	40	89 725	3 612,149	44 480,626	12,314	11,847
61	41	88 782	3 387,853	40 868,476	12,063	11,596
62	42	87 756	3 174,134	37 480,623	11,808	11,341
63	43	86 639	2 970,371	34 306,489	11,550	11,082
64	44	85 437	2 776,454	31 336,119	11,286	10,819
65	45	84 138	2 591,683	28 559,665	11,020	10,553
66	46	82 745	2 415,902	25 967,982	10,749	10,282
67	47	81 272	2 249,186	23 552,080	10,471	10,004
68	48	79 700	2 090,694	21 302,894	10,189	9,722
69	49	78 047	1 940,593	19 212,200	9,900	9,433
70	50	76 266	1 797,466	17 271,607	9,609	9,142
71	51	74 427	1 662,674	15 474,140	9,307	8,840
72	52	72 438	1 533,869	13 811,466	9,004	8,537
73	53	70 377	1 412,532	12 277,597	8,692	8,225
74	54	68 178	1 297,066	10 865,065	8,377	7,909
75	55	65 868	1 187,788	9 567,999	8,055	7,588
76	56	63 447	1 084,481	8 380,211	7,727	7,260
77	57	60 870	986,192	7 295,731	7,398	6,931
78	58	58 163	893,219	6 309,539	7,064	6,597
79	59	55 277	804,641	5 416,320	6,731	6,264
80	60	52 241	720,793	4 611,679	6,398	5,931
81	61	49 033	641,266	3 890,886	6,068	5,600
82	62	45 608	565,378	3 249,620	5,748	5,281
83	63	42 035	493,918	2 684,243	5,435	4,967
84	64	38 350	427,128	2 190,325	5,128	4,661
85	65	34 562	364,869	1 763,197	4,832	4,365
86	66	30 697	307,176	1 398,328	4,552	4,085
87	67	26 847	254,639	1 091,153	4,285	3,818
88	68	23 079	207,492	836,514	4,032	3,564
89	69	19 442	165,677	629,022	3,797	3,329
90	70	16 044	129,595	463,345	3,575	3,108
91	71	12 966	99,269	333,750	3,362	2,895
92	72	10 242	74,330	234,480	3,155	2,687
93	73	7 816	53,767	160,151	2,979	2,511
94	74	5 817	37,926	106,383	2,805	2,338
95	75	4 170	25,774	68,458	2,656	2,189
96	76	2 903	17,009	42,684	2,510	2,042
97	77	1 925	10,689	25,676	2,402	1,935
98	78	1 247	6,562	14,987	2,284	1,817
99	79	775	3,866	8,425	2,179	1,712
100	80	463	2,187	4,559	2,084	1,617

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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21	0	99 301	32 259,166	578 539,083	17,934	17,467
22	1	98 963	30 473,158	546 279,917	17,927	17,459
23	2	98 893	28 864,248	515 806,759	17,870	17,403
24	3	98 841	27 344,874	486 942,511	17,807	17,340
25	4	98 783	25 904,332	459 597,637	17,742	17,275
26	5	98 731	24 540,769	433 693,305	17,672	17,205
27	6	98 677	23 248,647	409 152,536	17,599	17,132
28	7	98 622	22 024,507	385 903,889	17,522	17,054
29	8	98 570	20 865,218	363 879,382	17,440	16,972
30	9	98 512	19 765,764	343 014,164	17,354	16,887
31	10	98 450	18 723,658	323 248,400	17,264	16,797
32	11	98 384	17 735,575	304 524,743	17,170	16,703
33	12	98 314	16 799,014	286 789,168	17,072	16,605
34	13	98 234	15 910,336	269 990,153	16,969	16,502
35	14	98 149	15 067,862	254 079,817	16,862	16,395
36	15	98 062	14 269,560	239 011,955	16,750	16,283
37	16	97 965	13 512,380	224 742,395	16,632	16,165
38	17	97 855	12 793,510	211 230,014	16,511	16,044
39	18	97 737	12 111,953	198 436,505	16,384	15,916
40	19	97 609	11 465,476	186 324,552	16,251	15,784
41	20	97 471	10 852,401	174 859,076	16,112	15,645
42	21	97 323	10 271,016	164 006,676	15,968	15,501
43	22	97 167	9 719,931	153 735,659	15,817	15,349
44	23	97 002	9 197,521	144 015,729	15,658	15,191
45	24	96 810	8 700,788	134 818,208	15,495	15,028
46	25	96 603	8 229,558	126 117,419	15,325	14,858
47	26	96 374	7 782,049	117 887,862	15,149	14,682
48	27	96 128	7 357,499	110 105,812	14,965	14,498
49	28	95 852	6 953,916	102 748,314	14,776	14,308
50	29	95 544	6 570,257	95 794,397	14,580	14,113
51	30	95 202	6 205,423	89 224,141	14,378	13,911
52	31	94 820	5 858,284	83 018,718	14,171	13,704
53	32	94 397	5 528,147	77 160,433	13,958	13,491
54	33	93 922	5 213,549	71 632,286	13,740	13,272
55	34	93 389	4 913,709	66 418,738	13,517	13,050
56	35	92 799	4 628,127	61 505,029	13,289	12,822
57	36	92 150	4 356,156	56 876,902	13,057	12,589
58	37	91 432	4 096,903	52 520,746	12,820	12,352
59	38	90 643	3 849,818	48 423,843	12,578	12,111
60	39	89 779	3 614,322	44 574,025	12,333	11,865
61	40	88 843	3 390,178	40 959,703	12,082	11,615
62	41	87 821	3 176,485	37 569,525	11,827	11,360
63	42	86 708	2 972,730	34 393,040	11,570	11,102
64	43	85 515	2 778,977	31 420,310	11,306	10,839
65	44	84 220	2 594,201	28 641,333	11,041	10,573
66	45	82 840	2 418,689	26 047,131	10,769	10,302
67	46	81 371	2 251,927	23 628,443	10,493	10,025
68	47	79 809	2 093,563	21 376,515	10,211	9,743
69	48	78 171	1 943,691	19 282,952	9,921	9,454
70	49	76 400	1 800,614	17 339,261	9,630	9,162
71	50	74 565	1 665,761	15 538,647	9,328	8,861
72	51	72 593	1 537,163	13 872,886	9,025	8,558
73	52	70 541	1 415,835	12 335,723	8,713	8,245
74	53	68 353	1 300,405	10 919,888	8,397	7,930
75	54	66 059	1 191,229	9 619,483	8,075	7,608
76	55	63 653	1 088,012	8 428,254	7,746	7,279
77	56	61 088	989,732	7 340,242	7,416	6,949
78	57	58 393	896,737	6 350,510	7,082	6,615
79	58	55 519	808,156	5 453,772	6,748	6,281
80	59	52 488	724,202	4 645,617	6,415	5,948
81	60	49 293	644,667	3 921,415	6,083	5,616
82	61	45 869	568,611	3 276,748	5,763	5,296
83	62	42 294	496,967	2 708,137	5,449	4,982
84	63	38 610	430,030	2 211,171	5,142	4,675
85	64	34 822	367,616	1 781,141	4,845	4,378
86	65	30 944	309,644	1 413,525	4,565	4,098
87	66	27 084	256,890	1 103,881	4,297	3,830
88	67	23 300	209,479	846,992	4,043	3,576
89	68	19 647	167,429	637,513	3,808	3,340
90	69	16 231	131,110	470,084	3,585	3,118
91	70	13 131	100,536	338,974	3,372	2,904
92	71	10 384	75,362	238,438	3,164	2,697
93	72	7 934	54,576	163,076	2,988	2,521
94	73	5 914	38,559	108,500	2,814	2,347
95	74	4 246	26,242	69,942	2,665	2,198
96	75	2 960	17,342	43,700	2,520	2,053
97	76	1 967	10,925	26,358	2,413	1,945
98	77	1 277	6,722	15,433	2,296	1,829
99	78	797	3,975	8,711	2,191	1,724
100	79	478	2,258	4,736	2,097	1,630

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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22	0	99 261	30 565,016	546 525,830	17,881	17,414
23	1	98 918	28 871,406	515 960,814	17,871	17,404
24	2	98 853	27 348,272	487 089,407	17,811	17,343
25	3	98 794	25 907,004	459 741,136	17,746	17,279
26	4	98 740	24 543,117	433 834,132	17,676	17,209
27	5	98 685	23 250,718	409 291,014	17,603	17,136
28	6	98 631	22 026,455	386 040,296	17,526	17,059
29	7	98 574	20 866,188	364 013,841	17,445	16,978
30	8	98 518	19 767,141	343 147,654	17,359	16,892
31	9	98 456	18 724,803	323 380,512	17,270	16,803
32	10	98 390	17 736,613	304 655,709	17,177	16,709
33	11	98 322	16 800,313	286 919,097	17,078	16,611
34	12	98 242	15 911,586	270 118,783	16,976	16,509
35	13	98 159	15 069,282	254 207,197	16,869	16,402
36	14	98 071	14 270,876	239 137,915	16,757	16,290
37	15	97 977	13 514,024	224 867,040	16,640	16,172
38	16	97 869	12 795,394	211 353,015	16,518	16,051
39	17	97 751	12 113,602	198 557,621	16,391	15,924
40	18	97 628	11 467,735	186 444,019	16,258	15,791
41	19	97 488	10 854,298	174 976,284	16,120	15,653
42	20	97 341	10 272,916	164 121,986	15,976	15,509
43	21	97 183	9 721,534	153 849,071	15,826	15,358
44	22	97 017	9 199,019	144 127,537	15,668	15,201
45	23	96 827	8 702,354	134 928,518	15,505	15,038
46	24	96 620	8 231,039	126 226,164	15,335	14,868
47	25	96 392	7 783,530	117 995,125	15,160	14,692
48	26	96 146	7 358,884	110 211,595	14,977	14,509
49	27	95 872	6 955,413	102 852,712	14,787	14,320
50	28	95 567	6 571,805	95 897,298	14,592	14,125
51	29	95 227	6 207,029	89 325,493	14,391	13,924
52	30	94 850	5 860,143	83 118,464	14,184	13,717
53	31	94 427	5 529,883	77 258,321	13,971	13,504
54	32	93 954	5 215,335	71 728,438	13,753	13,286
55	33	93 422	4 915,481	66 513,103	13,531	13,064
56	34	92 837	4 630,006	61 597,622	13,304	12,837
57	35	92 188	4 357,952	56 967,616	13,072	12,605
58	36	91 474	4 098,782	52 609,664	12,835	12,368
59	37	90 686	3 851,646	48 510,882	12,595	12,128
60	38	89 833	3 616,504	44 659,235	12,349	11,882
61	39	88 896	3 392,217	41 042,732	12,099	11,632
62	40	87 881	3 178,665	37 650,515	11,845	11,378
63	41	86 772	2 974,933	34 471,850	11,587	11,120
64	42	85 583	2 781,185	31 496,917	11,325	10,858
65	43	84 296	2 596,559	28 715,733	11,059	10,592
66	44	82 921	2 421,039	26 119,173	10,788	10,321
67	45	81 465	2 254,525	23 698,135	10,511	10,044
68	46	79 907	2 096,115	21 443,610	10,230	9,763
69	47	78 279	1 946,358	19 347,495	9,940	9,473
70	48	76 522	1 803,489	17 401,136	9,649	9,181
71	49	74 696	1 668,678	15 597,647	9,347	8,880
72	50	72 728	1 540,017	13 928,969	9,045	8,578
73	51	70 693	1 418,876	12 388,953	8,732	8,264
74	52	68 513	1 303,446	10 970,077	8,416	7,949
75	53	66 229	1 194,295	9 666,631	8,094	7,627
76	54	63 838	1 091,164	8 472,336	7,764	7,297
77	55	61 287	992,955	7 381,172	7,434	6,966
78	56	58 602	899,957	6 388,217	7,098	6,631
79	57	55 737	811,340	5 488,261	6,764	6,297
80	58	52 717	727,365	4 676,921	6,430	5,963
81	59	49 526	647,716	3 949,556	6,098	5,630
82	60	46 112	571,626	3 301,840	5,776	5,309
83	61	42 536	499,808	2 730,214	5,463	4,995
84	62	38 849	432,684	2 230,405	5,155	4,688
85	63	35 059	370,114	1 797,721	4,857	4,390
86	64	31 177	311,975	1 427,608	4,576	4,109
87	65	27 301	258,954	1 115,633	4,308	3,841
88	66	23 506	211,330	856,679	4,054	3,587
89	67	19 835	169,032	645,349	3,818	3,351
90	68	16 403	132,497	476,317	3,595	3,128
91	69	13 284	101,711	343,820	3,380	2,913
92	70	10 517	76,324	242,109	3,172	2,705
93	71	8 044	55,334	165,785	2,996	2,529
94	72	6 003	39,138	110,451	2,822	2,355
95	73	4 317	26,680	71,313	2,673	2,206
96	74	3 014	17,657	44,633	2,528	2,061
97	75	2 006	11,139	26,976	2,422	1,955
98	76	1 305	6,870	15,837	2,305	1,838
99	77	816	4,072	8,967	2,202	1,735
100	78	491	2,322	4,895	2,108	1,641

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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23	0	99 216	28 958,436	516 188,666	17,825	17,358
24	1	98 877	27 355,054	487 230,230	17,811	17,344
25	2	98 806	25 910,223	459 875,176	17,749	17,282
26	3	98 750	24 545,648	433 964,953	17,680	17,213
27	4	98 695	23 252,943	409 419,304	17,607	17,140
28	5	98 640	22 028,417	386 166,361	17,530	17,063
29	6	98 583	20 868,034	364 137,944	17,450	16,982
30	7	98 523	19 768,060	343 269,910	17,365	16,898
31	8	98 463	18 726,108	323 501,851	17,275	16,808
32	9	98 396	17 737,698	304 775,743	17,182	16,715
33	10	98 327	16 801,296	287 038,045	17,084	16,617
34	11	98 250	15 912,816	270 236,749	16,982	16,515
35	12	98 166	15 070,465	254 323,933	16,876	16,408
36	13	98 080	14 272,221	239 253,467	16,764	16,296
37	14	97 986	13 515,271	224 981,247	16,646	16,179
38	15	97 881	12 796,951	211 465,976	16,525	16,058
39	16	97 765	12 115,386	198 669,025	16,398	15,931
40	17	97 642	11 469,297	186 553,639	16,265	15,798
41	18	97 508	10 856,437	175 084,342	16,127	15,660
42	19	97 358	10 274,711	164 227,906	15,984	15,517
43	20	97 201	9 723,331	153 953,194	15,833	15,366
44	21	97 033	9 200,536	144 229,863	15,676	15,209
45	22	96 843	8 703,771	135 029,327	15,514	15,047
46	23	96 638	8 232,520	126 325,556	15,345	14,878
47	24	96 410	7 784,931	118 093,035	15,169	14,702
48	25	96 164	7 360,284	110 308,104	14,987	14,520
49	26	95 890	6 956,722	102 947,821	14,798	14,331
50	27	95 588	6 573,220	95 991,098	14,603	14,136
51	28	95 249	6 208,492	89 417,879	14,403	13,935
52	29	94 874	5 861,660	83 209,387	14,196	13,728
53	30	94 457	5 531,637	77 347,727	13,983	13,516
54	31	93 983	5 216,974	71 816,090	13,766	13,299
55	32	93 454	4 917,165	66 599,116	13,544	13,077
56	33	92 870	4 631,675	61 681,951	13,317	12,850
57	34	92 225	4 359,722	57 050,275	13,086	12,619
58	35	91 512	4 100,472	52 690,553	12,850	12,383
59	36	90 728	3 853,413	48 590,081	12,610	12,142
60	37	89 876	3 618,221	44 736,668	12,364	11,897
61	38	88 950	3 394,265	41 118,447	12,114	11,647
62	39	87 934	3 180,577	37 724,182	11,861	11,394
63	40	86 832	2 976,974	34 543,606	11,604	11,136
64	41	85 646	2 783,245	31 566,632	11,342	10,874
65	42	84 363	2 598,622	28 783,387	11,076	10,609
66	43	82 996	2 423,239	26 184,765	10,806	10,339
67	44	81 544	2 256,716	23 761,526	10,529	10,062
68	45	79 999	2 098,533	21 504,810	10,248	9,780
69	46	78 374	1 948,731	19 406,277	9,958	9,491
70	47	76 627	1 805,963	17 457,546	9,667	9,199
71	48	74 815	1 671,342	15 651,583	9,365	8,897
72	49	72 856	1 542,713	13 980,241	9,062	8,595
73	50	70 824	1 421,510	12 437,527	8,750	8,282
74	51	68 660	1 306,245	11 016,017	8,433	7,966
75	52	66 384	1 197,088	9 709,772	8,111	7,644
76	53	64 002	1 093,973	8 512,684	7,781	7,314
77	54	61 465	995,831	7 418,711	7,450	6,983
78	55	58 793	902,887	6 422,880	7,114	6,647
79	56	55 938	814,252	5 519,993	6,779	6,312
80	57	52 925	730,231	4 705,741	6,444	5,977
81	58	49 742	650,545	3 975,510	6,111	5,644
82	59	46 330	574,329	3 324,965	5,789	5,322
83	60	42 762	502,459	2 750,636	5,474	5,007
84	61	39 071	435,158	2 248,176	5,166	4,699
85	62	35 275	372,398	1 813,018	4,868	4,401
86	63	31 389	314,095	1 440,620	4,587	4,119
87	64	27 507	260,903	1 126,525	4,318	3,851
88	65	23 695	213,028	865,622	4,063	3,596
89	66	20 011	170,526	652,594	3,827	3,360
90	67	16 560	133,765	482,068	3,604	3,137
91	68	13 425	102,787	348,303	3,389	2,921
92	69	10 640	77,216	245,515	3,180	2,712
93	70	8 147	56,040	168,300	3,003	2,536
94	71	6 086	39,682	112,260	2,829	2,362
95	72	4 382	27,081	72,578	2,680	2,213
96	73	3 064	17,952	45,497	2,534	2,067
97	74	2 042	11,341	27,545	2,429	1,962
98	75	1 331	7,004	16,203	2,313	1,846
99	76	834	4,162	9,199	2,210	1,743
100	77	503	2,378	5,037	2,118	1,651

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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24	0	99 175	27 437,513	487 441,397	17,766	17,298
25	1	98 830	25 916,649	460 003,883	17,749	17,282
26	2	98 763	24 548,698	434 087,235	17,683	17,216
27	3	98 705	23 255,341	409 538,537	17,611	17,143
28	4	98 649	22 030,525	386 283,195	17,534	17,067
29	5	98 592	20 869,893	364 252,670	17,453	16,986
30	6	98 532	19 769,808	343 382,777	17,369	16,902
31	7	98 468	18 726,978	323 612,969	17,281	16,813
32	8	98 403	17 738,934	304 885,991	17,187	16,720
33	9	98 333	16 802,324	287 147,057	17,090	16,623
34	10	98 255	15 913,747	270 344,733	16,988	16,521
35	11	98 174	15 071,631	254 430,986	16,881	16,414
36	12	98 088	14 273,341	239 359,355	16,770	16,302
37	13	97 996	13 516,544	225 086,014	16,653	16,185
38	14	97 890	12 798,131	211 569,470	16,531	16,064
39	15	97 777	12 116,860	198 771,339	16,405	15,937
40	16	97 656	11 470,986	186 654,479	16,272	15,805
41	17	97 521	10 857,915	175 183,493	16,134	15,667
42	18	97 377	10 276,736	164 325,577	15,990	15,523
43	19	97 218	9 725,031	154 048,841	15,840	15,373
44	20	97 051	9 202,237	144 323,810	15,684	15,216
45	21	96 859	8 705,207	135 121,573	15,522	15,055
46	22	96 653	8 233,861	126 416,366	15,353	14,886
47	23	96 427	7 786,332	118 182,505	15,178	14,711
48	24	96 181	7 361,608	110 396,173	14,996	14,529
49	25	95 909	6 958,046	103 034,565	14,808	14,341
50	26	95 605	6 574,457	96 076,519	14,614	14,146
51	27	95 270	6 209,828	89 502,062	14,413	13,946
52	28	94 897	5 863,041	83 292,234	14,206	13,739
53	29	94 481	5 533,069	77 429,192	13,994	13,527
54	30	94 013	5 218,629	71 896,123	13,777	13,310
55	31	93 484	4 918,710	66 677,495	13,556	13,089
56	32	92 902	4 633,263	61 758,785	13,329	12,862
57	33	92 258	4 361,294	57 125,522	13,098	12,631
58	34	91 549	4 102,138	52 764,229	12,863	12,395
59	35	90 765	3 855,002	48 662,091	12,623	12,156
60	36	89 917	3 619,881	44 807,089	12,378	11,911
61	37	88 992	3 395,876	41 187,208	12,129	11,661
62	38	87 987	3 182,497	37 791,332	11,875	11,408
63	39	86 884	2 978,765	34 608,835	11,619	11,151
64	40	85 705	2 785,155	31 630,071	11,357	10,889
65	41	84 426	2 600,547	28 844,916	11,092	10,625
66	42	83 062	2 425,164	26 244,369	10,822	10,355
67	43	81 618	2 258,767	23 819,205	10,545	10,078
68	44	80 076	2 100,572	21 560,438	10,264	9,797
69	45	78 464	1 950,979	19 459,866	9,974	9,507
70	46	76 720	1 808,165	17 508,887	9,683	9,216
71	47	74 918	1 673,636	15 700,722	9,381	8,914
72	48	72 972	1 545,177	14 027,087	9,078	8,611
73	49	70 948	1 423,999	12 481,910	8,765	8,298
74	50	68 788	1 308,670	11 057,911	8,450	7,983
75	51	66 526	1 199,659	9 749,241	8,127	7,659
76	52	64 152	1 096,531	8 549,582	7,797	7,330
77	53	61 623	998,395	7 453,051	7,465	6,998
78	54	58 963	905,503	6 454,656	7,128	6,661
79	55	56 120	816,903	5 549,154	6,793	6,326
80	56	53 114	732,852	4 732,250	6,457	5,990
81	57	49 938	653,108	3 999,398	6,124	5,656
82	58	46 532	576,838	3 346,290	5,801	5,334
83	59	42 964	504,835	2 769,452	5,486	5,019
84	60	39 278	437,466	2 264,617	5,177	4,709
85	61	35 477	374,527	1 827,150	4,879	4,411
86	62	31 582	316,033	1 452,623	4,596	4,129
87	63	27 694	262,676	1 136,589	4,327	3,860
88	64	23 873	214,632	873,913	4,072	3,604
89	65	20 171	171,896	659,281	3,835	3,368
90	66	16 707	134,948	487,385	3,612	3,144
91	67	13 553	103,771	352,438	3,396	2,929
92	68	10 752	78,033	248,667	3,187	2,720
93	69	8 242	56,695	170,634	3,010	2,542
94	70	6 164	40,188	113,939	2,835	2,368
95	71	4 443	27,457	73,751	2,686	2,219
96	72	3 110	18,222	46,293	2,541	2,073
97	73	2 077	11,531	28,072	2,435	1,967
98	74	1 355	7,132	16,541	2,319	1,852
99	75	851	4,243	9,409	2,217	1,750
100	76	514	2,431	5,166	2,125	1,658

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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25	0	99 128	25 994,772	460 199,627	17,704	17,236
26	1	98 787	24 554,786	434 204,855	17,683	17,216
27	2	98 717	23 258,231	409 650,069	17,613	17,146
28	3	98 659	22 032,798	386 391,838	17,537	17,070
29	4	98 601	20 871,890	364 359,041	17,457	16,990
30	5	98 541	19 771,570	343 487,151	17,373	16,906
31	6	98 476	18 728,635	323 715,581	17,285	16,817
32	7	98 407	17 739,758	304 986,946	17,192	16,725
33	8	98 340	16 803,495	287 247,188	17,094	16,627
34	9	98 261	15 914,721	270 443,693	16,993	16,526
35	10	98 180	15 072,513	254 528,973	16,887	16,420
36	11	98 095	14 274,445	239 456,460	16,775	16,308
37	12	98 003	13 517,606	225 182,015	16,658	16,191
38	13	97 900	12 799,337	211 664,410	16,537	16,070
39	14	97 786	12 117,978	198 865,073	16,411	15,944
40	15	97 668	11 472,382	186 747,095	16,278	15,811
41	16	97 535	10 859,514	175 274,714	16,140	15,673
42	17	97 391	10 278,136	164 415,199	15,997	15,529
43	18	97 237	9 726,948	154 137,064	15,846	15,379
44	19	97 068	9 203,846	144 410,116	15,690	15,223
45	20	96 877	8 706,817	135 206,270	15,529	15,062
46	21	96 669	8 235,219	126 499,454	15,361	14,894
47	22	96 443	7 787,600	118 264,235	15,186	14,719
48	23	96 199	7 362,933	110 476,635	15,004	14,537
49	24	95 926	6 959,298	103 113,701	14,817	14,349
50	25	95 624	6 575,708	96 154,403	14,623	14,155
51	26	95 288	6 210,997	89 578,695	14,423	13,955
52	27	94 917	5 864,303	83 367,698	14,216	13,749
53	28	94 504	5 534,373	77 503,395	14,004	13,537
54	29	94 038	5 219,979	71 969,022	13,787	13,320
55	30	93 513	4 920,270	66 749,042	13,566	13,099
56	31	92 931	4 634,718	61 828,772	13,340	12,873
57	32	92 290	4 362,788	57 194,054	13,110	12,642
58	33	91 582	4 103,616	52 831,266	12,874	12,407
59	34	90 802	3 856,567	48 727,650	12,635	12,168
60	35	89 954	3 621,374	44 871,082	12,391	11,923
61	36	89 033	3 397,434	41 249,709	12,141	11,674
62	37	88 029	3 184,008	37 852,275	11,888	11,421
63	38	86 937	2 980,563	34 668,267	11,631	11,164
64	39	85 757	2 786,830	31 687,704	11,371	10,903
65	40	84 484	2 602,331	28 900,874	11,106	10,639
66	41	83 124	2 426,961	26 298,543	10,836	10,369
67	42	81 683	2 260,561	23 871,582	10,560	10,093
68	43	80 149	2 102,481	21 611,021	10,279	9,812
69	44	78 541	1 952,874	19 508,540	9,990	9,522
70	45	76 809	1 810,251	17 555,666	9,698	9,231
71	46	75 009	1 675,676	15 745,415	9,396	8,929
72	47	73 072	1 547,297	14 069,739	9,093	8,626
73	48	71 061	1 426,273	12 522,442	8,780	8,313
74	49	68 908	1 310,962	11 096,169	8,464	7,997
75	50	66 650	1 201,886	9 785,208	8,142	7,674
76	51	64 289	1 098,885	8 583,322	7,811	7,344
77	52	61 767	1 000,730	7 484,436	7,479	7,012
78	53	59 115	907,834	6 483,707	7,142	6,675
79	54	56 282	819,270	5 575,873	6,806	6,339
80	55	53 287	735,238	4 756,603	6,469	6,002
81	56	50 118	655,453	4 021,365	6,135	5,668
82	57	46 716	579,111	3 365,912	5,812	5,345
83	58	43 152	507,041	2 786,801	5,496	5,029
84	59	39 464	439,535	2 279,761	5,187	4,720
85	60	35 665	376,514	1 840,226	4,888	4,420
86	61	31 763	317,841	1 463,712	4,605	4,138
87	62	27 865	264,297	1 145,871	4,336	3,868
88	63	24 035	216,091	881,574	4,080	3,612
89	64	20 323	173,190	665,483	3,843	3,375
90	65	16 841	136,032	492,293	3,619	3,152
91	66	13 673	104,688	356,261	3,403	2,936
92	67	10 855	78,780	251,573	3,193	2,726
93	68	8 329	57,295	172,793	3,016	2,549
94	69	6 236	40,658	115,499	2,841	2,374
95	70	4 499	27,807	74,840	2,691	2,224
96	71	3 154	18,475	47,033	2,546	2,079
97	72	2 108	11,704	28,558	2,440	1,973
98	73	1 378	7,251	16,854	2,324	1,857
99	74	866	4,321	9,603	2,223	1,756
100	75	524	2,478	5,283	2,131	1,664

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	1 784 360,334	17,844	17,376	50	50	94 053	5 745,820	77 271,337	13,448	12,981
1	1	99 344	93 942,610	1 684 360,334	17,930	17,462	51	51	93 566	5 405,302	71 525,517	13,232	12,765
2	2	99 292	88 788,044	1 590 417,725	17,913	17,445	52	52	93 020	5 081,563	66 120,215	13,012	12,544
3	3	99 264	83 936,790	1 501 629,680	17,890	17,422	53	53	92 419	4 774,199	61 038,651	12,785	12,318
4	4	99 243	79 356,020	1 417 692,890	17,865	17,397	54	54	91 749	4 481,865	56 264,452	12,554	12,086
5	5	99 223	75 025,979	1 338 336,870	17,838	17,371	55	55	90 997	4 203,461	51 782,587	12,319	11,851
6	6	99 204	70 933,106	1 263 310,891	17,810	17,342	56	56	90 166	3 938,578	47 579,126	12,080	11,613
7	7	99 187	67 064,193	1 192 377,785	17,780	17,312	57	57	89 251	3 686,655	43 640,548	11,837	11,370
8	8	99 174	63 409,268	1 125 313,592	17,747	17,279	58	58	88 249	3 447,057	39 953,893	11,591	11,123
9	9	99 158	59 952,177	1 061 904,324	17,713	17,245	59	59	87 149	3 218,979	36 506,836	11,341	10,874
10	10	99 144	56 684,362	1 001 952,147	17,676	17,208	60	60	85 963	3 002,550	33 287,856	11,087	10,619
11	11	99 130	53 594,851	945 267,785	17,637	17,170	61	61	84 669	2 796,544	30 285,306	10,830	10,362
12	12	99 115	50 672,869	891 672,934	17,597	17,129	62	62	83 277	2 600,996	27 488,762	10,569	10,101
13	13	99 101	47 910,546	841 000,065	17,554	17,086	63	63	81 777	2 415,292	24 887,766	10,304	9,837
14	14	99 082	45 296,868	793 089,519	17,509	17,041	64	64	80 171	2 239,108	22 472,474	10,036	9,569
15	15	99 059	42 824,158	747 792,651	17,462	16,994	65	65	78 438	2 071,586	20 233,365	9,767	9,300
16	16	99 031	40 484,258	704 968,493	17,413	16,946	66	66	76 613	1 913,364	18 161,779	9,492	9,024
17	17	98 992	38 267,876	664 484,235	17,364	16,896	67	67	74 681	1 763,692	16 248,415	9,213	8,745
18	18	98 951	36 172,249	626 216,359	17,312	16,844	68	68	72 641	1 622,250	14 484,723	8,929	8,461
19	19	98 894	34 185,593	590 044,110	17,260	16,792	69	69	70 502	1 488,873	12 862,473	8,639	8,171
20	20	98 837	32 308,298	555 858,517	17,205	16,737	70	70	68 217	1 362,287	11 373,600	8,349	7,881
21	21	98 777	30 532,743	523 550,219	17,147	16,680	71	71	65 856	1 243,616	10 011,313	8,050	7,583
22	22	98 720	28 856,110	493 017,476	17,085	16,618	72	72	63 353	1 131,304	8 767,698	7,750	7,283
23	23	98 659	27 270,282	464 161,365	17,021	16,553	73	73	60 780	1 026,347	7 636,394	7,440	6,973
24	24	98 601	25 772,301	436 891,083	16,952	16,484	74	74	58 064	927,167	6 610,047	7,129	6,662
25	25	98 537	24 355,014	411 118,782	16,880	16,413	75	75	55 255	834,342	5 682,880	6,811	6,344
26	26	98 475	23 016,282	386 763,767	16,804	16,336	76	76	52 370	747,786	4 848,538	6,484	6,016
27	27	98 411	21 750,724	363 747,486	16,723	16,256	77	77	49 336	666,157	4 100,752	6,156	5,688
28	28	98 344	20 554,138	341 996,762	16,639	16,171	78	78	46 202	589,920	3 434,595	5,822	5,355
29	29	98 274	19 422,535	321 442,624	16,550	16,082	79	79	42 891	517,864	2 844,675	5,493	5,026
30	30	98 197	18 352,133	302 020,088	16,457	15,989	80	80	39 447	450,384	2 326,811	5,166	4,699
31	31	98 111	17 339,019	283 667,956	16,360	15,893	81	81	35 864	387,212	1 876,427	4,846	4,378
32	32	98 019	16 380,993	266 328,936	16,258	15,791	82	82	32 118	327,912	1 489,215	4,542	4,074
33	33	97 924	15 475,175	249 947,944	16,152	15,684	83	83	28 314	273,354	1 161,303	4,248	3,781
34	34	97 817	14 617,759	234 472,768	16,040	15,573	84	84	24 532	223,968	887,948	3,965	3,497
35	35	97 702	13 806,695	219 855,009	15,924	15,456	85	85	20 824	179,776	663,980	3,693	3,226
36	36	97 583	13 040,126	206 048,314	15,801	15,334	86	86	17 225	140,618	484,205	3,443	2,976
37	37	97 455	12 314,841	193 008,188	15,673	15,205	87	87	13 872	107,092	343,586	3,208	2,741
38	38	97 313	11 628,307	180 693,347	15,539	15,072	88	88	10 836	79,107	236,494	2,990	2,522
39	39	97 150	10 977,669	169 065,040	15,401	14,933	89	89	8 172	56,409	157,387	2,790	2,323
40	40	96 984	10 362,977	158 087,371	15,255	14,787	90	90	5 939	38,767	100,978	2,605	2,137
41	41	96 797	9 780,665	147 724,394	15,104	14,636	91	91	4 144	25,578	62,211	2,432	1,965
42	42	96 597	9 229,682	137 943,729	14,946	14,478	92	92	2 762	16,125	36,633	2,272	1,804
43	43	96 381	8 708,339	128 714,046	14,781	14,313	93	93	1 739	9,597	20,508	2,137	1,669
44	44	96 145	8 214,691	120 005,707	14,609	14,141	94	94	1 041	5,431	10,912	2,009	1,542
45	45	95 879	7 746,536	111 791,016	14,431	13,964	95	95	585	2,886	5,480	1,899	1,431
46	46	95 581	7 302,558	104 044,480	14,248	13,780	96	96	310	1,448	2,594	1,792	1,324
47	47	95 257	6 882,054	96 741,923	14,057	13,590	97	97	150	0,663	1,147	1,730	1,263
48	48	94 901	6 483,546	89 859,868	13,860	13,392	98	98	70	0,291	0,484	1,661	1,193
49	49	94 498	6 104,985	83 376,322	13,657	13,190	99	99	31	0,121	0,193	1,592	1,124
							100	100	13	0,047	0,072	1,532	1,064

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 699	99 699,466	1 783 129,980	17,885	17,417	50	51	93 878	5 735,172	76 659,951	13,367	12,899
1	2	99 320	93 919,318	1 683 430,514	17,924	17,457	51	52	93 366	5 393,721	70 924,778	13,150	12,682
2	3	99 280	88 777,015	1 589 511,196	17,905	17,437	52	53	92 803	5 069,708	65 531,058	12,926	12,458
3	4	99 254	83 928,134	1 500 734,182	17,881	17,414	53	54	92 182	4 761,941	60 461,350	12,697	12,229
4	5	99 234	79 348,427	1 416 806,048	17,856	17,388	54	55	91 483	4 468,918	55 699,409	12,464	11,996
5	6	99 214	75 019,296	1 337 457,621	17,828	17,361	55	56	90 702	4 189,819	51 230,491	12,227	11,760
6	7	99 196	70 926,832	1 262 438,325	17,799	17,332	56	57	89 843	3 924,490	47 040,672	11,986	11,519
7	8	99 182	67 061,077	1 191 511,493	17,768	17,300	57	58	88 901	3 672,188	43 116,182	11,741	11,274
8	9	99 167	63 404,849	1 124 450,416	17,734	17,267	58	59	87 865	3 432,064	39 443,993	11,493	11,025
9	10	99 152	59 948,509	1 061 045,567	17,699	17,232	59	60	86 738	3 203,830	36 011,929	11,240	10,773
10	11	99 138	56 681,046	1 001 097,058	17,662	17,194	60	61	85 510	2 986,709	32 808,099	10,985	10,517
11	12	99 123	53 590,707	944 416,012	17,623	17,155	61	62	84 188	2 780,644	29 821,391	10,725	10,257
12	13	99 107	50 668,890	890 825,305	17,581	17,114	62	63	82 766	2 585,040	27 040,747	10,460	9,993
13	14	99 091	47 906,032	840 156,415	17,538	17,070	63	64	81 226	2 398,992	24 455,707	10,194	9,727
14	15	99 073	45 292,692	792 250,383	17,492	17,024	64	65	79 572	2 222,376	22 056,715	9,925	9,457
15	16	99 047	42 818,948	746 957,691	17,445	16,977	65	66	77 813	2 055,074	19 834,339	9,651	9,184
16	17	99 017	40 478,297	704 138,743	17,395	16,928	66	67	75 942	1 896,599	17 779,264	9,374	8,907
17	18	98 979	38 262,666	663 660,447	17,345	16,877	67	68	73 972	1 746,968	15 882,665	9,092	8,624
18	19	98 932	36 165,122	625 397,781	17,293	16,825	68	69	71 881	1 605,272	14 135,697	8,806	8,338
19	20	98 877	34 179,618	589 232,659	17,239	16,772	69	70	69 688	1 471,669	12 530,425	8,514	8,047
20	21	98 819	32 302,325	555 053,041	17,183	16,715	70	71	67 358	1 345,123	11 058,755	8,221	7,754
21	22	98 760	30 527,708	522 750,716	17,124	16,656	71	72	64 953	1 226,576	9 713,632	7,919	7,452
22	23	98 704	28 851,412	492 223,008	17,061	16,593	72	73	62 414	1 114,545	8 487,056	7,615	7,147
23	24	98 642	27 265,375	463 371,595	16,995	16,527	73	74	59 782	1 009,498	7 372,511	7,303	6,836
24	25	98 583	25 767,664	436 106,221	16,925	16,457	74	75	57 028	910,623	6 363,012	6,988	6,520
25	26	98 518	24 350,381	410 338,557	16,851	16,384	75	76	54 192	818,296	5 452,389	6,663	6,196
26	27	98 456	23 011,950	385 988,175	16,773	16,306	76	77	51 241	731,659	4 634,093	6,334	5,866
27	28	98 390	21 746,044	362 976,225	16,692	16,224	77	78	48 162	650,305	3 902,434	6,001	5,533
28	29	98 321	20 549,294	341 230,181	16,605	16,138	78	79	44 934	573,728	3 252,128	5,668	5,201
29	30	98 248	19 417,509	320 680,887	16,515	16,047	79	80	41 544	501,595	2 678,400	5,340	4,872
30	31	98 166	18 346,313	301 263,378	16,421	15,953	80	81	38 009	433,962	2 176,805	5,016	4,549
31	32	98 080	17 333,575	282 917,065	16,322	15,854	81	82	34 334	370,688	1 742,843	4,702	4,234
32	33	97 986	16 375,380	265 583,490	16,218	15,751	82	83	30 532	311,720	1 372,155	4,402	3,934
33	34	97 888	15 469,599	249 208,110	16,110	15,642	83	84	26 708	257,852	1 060,434	4,113	3,645
34	35	97 777	14 611,824	233 738,511	15,997	15,529	84	85	22 934	209,374	802,582	3,833	3,366
35	36	97 662	13 801,005	219 126,686	15,878	15,410	85	86	19 239	166,090	593,209	3,572	3,104
36	37	97 539	13 034,147	205 325,681	15,753	15,285	86	87	15 723	128,359	427,118	3,328	2,860
37	38	97 408	12 308,996	192 291,535	15,622	15,154	87	88	12 486	96,389	298,759	3,100	2,632
38	39	97 254	11 621,293	179 982,539	15,487	15,020	88	89	9 599	70,073	202,370	2,888	2,420
39	40	97 092	10 971,070	168 361,246	15,346	14,878	89	90	7 113	49,103	132,297	2,694	2,227
40	41	96 917	10 355,871	157 390,177	15,198	14,731	90	91	5 063	33,049	83,194	2,517	2,050
41	42	96 726	9 773,425	147 034,305	15,044	14,577	91	92	3 449	21,290	50,145	2,355	1,888
42	43	96 520	9 222,356	137 260,881	14,883	14,416	92	93	2 244	13,101	28,854	2,202	1,735
43	44	96 293	8 700,432	128 038,524	14,716	14,249	93	94	1 375	7,591	15,753	2,075	1,608
44	45	96 052	8 206,718	119 338,093	14,542	14,074	94	95	801	4,181	8,162	1,952	1,484
45	46	95 769	7 737,610	111 131,375	14,362	13,895	95	96	437	2,157	3,981	1,846	1,378
46	47	95 465	7 293,667	103 393,765	14,176	13,708	96	97	222	1,034	1,824	1,764	1,296
47	48	95 126	6 872,624	96 100,098	13,983	13,515	97	98	105	0,465	0,790	1,701	1,233
48	49	94 750	6 473,211	89 227,475	13,784	13,317	98	99	48	0,200	0,325	1,626	1,158
49	50	94 333	6 094,313	82 754,263	13,579	13,111	99	100	20	0,080	0,125	1,562	1,094

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 675	99 674,746	1 782 119,769	17,879	17,412	50	52	93 677	5 722,884	75 998,120	13,280	12,812
1	3	99 307	93 907,650	1 682 445,023	17,916	17,448	51	53	93 148	5 381,137	70 275,237	13,060	12,592
2	4	99 270	88 767,859	1 588 537,372	17,895	17,428	52	54	92 565	5 056,691	64 894,099	12,833	12,366
3	5	99 245	83 920,103	1 499 769,513	17,871	17,404	53	55	91 915	4 748,185	59 837,409	12,602	12,135
4	6	99 225	79 341,358	1 415 849,410	17,845	17,377	54	56	91 187	4 454,414	55 089,224	12,367	11,900
5	7	99 206	75 012,660	1 336 508,052	17,817	17,350	55	57	90 377	4 174,832	50 634,809	12,129	11,661
6	8	99 191	70 923,537	1 261 495,392	17,787	17,319	56	58	89 490	3 909,090	46 459,977	11,885	11,418
7	9	99 175	67 056,404	1 190 571,855	17,755	17,287	57	59	88 514	3 656,216	42 550,887	11,638	11,170
8	10	99 161	63 400,971	1 123 515,451	17,721	17,253	58	60	87 452	3 415,912	38 894,671	11,386	10,919
9	11	99 146	59 945,003	1 060 114,481	17,685	17,217	59	61	86 281	3 186,927	35 478,759	11,133	10,665
10	12	99 131	56 676,663	1 000 169,478	17,647	17,179	60	62	85 024	2 969,727	32 291,833	10,874	10,406
11	13	99 115	53 586,499	943 492,815	17,607	17,139	61	63	83 671	2 763,586	29 322,106	10,610	10,143
12	14	99 098	50 664,116	889 906,316	17,565	17,097	62	64	82 207	2 567,594	26 558,520	10,344	9,876
13	15	99 082	47 901,615	839 242,200	17,520	17,053	63	65	80 619	2 381,065	23 990,926	10,076	9,608
14	16	99 061	45 287,181	791 340,585	17,474	17,006	64	66	78 938	2 204,663	21 609,861	9,802	9,334
15	17	99 032	42 812,643	746 053,404	17,426	16,958	65	67	77 131	2 037,068	19 405,198	9,526	9,058
16	18	99 003	40 472,785	703 240,761	17,376	16,908	66	68	75 222	1 878,615	17 368,131	9,245	8,778
17	19	98 959	38 255,127	662 767,976	17,325	16,857	67	69	73 198	1 728,685	15 489,515	8,960	8,493
18	20	98 915	36 158,801	624 512,849	17,271	16,804	68	70	71 050	1 586,724	13 760,830	8,672	8,205
19	21	98 859	34 173,298	588 354,048	17,217	16,749	69	71	68 810	1 453,128	12 174,106	8,378	7,910
20	22	98 803	32 296,999	554 180,750	17,159	16,691	70	72	66 435	1 326,693	10 720,978	8,081	7,613
21	23	98 744	30 522,738	521 883,751	17,098	16,631	71	73	63 991	1 208,406	9 394,285	7,774	7,307
22	24	98 686	28 846,220	491 361,013	17,034	16,566	72	74	61 390	1 096,249	8 185,879	7,467	7,000
23	25	98 624	27 260,469	462 514,793	16,967	16,499	73	75	58 716	991,486	7 089,631	7,151	6,683
24	26	98 565	25 762,762	435 254,324	16,895	16,427	74	76	55 931	893,111	6 098,145	6,828	6,360
25	27	98 499	24 345,799	409 491,562	16,820	16,352	75	77	53 024	800,649	5 205,034	6,501	6,033
26	28	98 435	23 006,998	385 145,763	16,740	16,273	76	78	50 022	714,248	4 404,385	6,166	5,699
27	29	98 367	21 740,920	362 138,765	16,657	16,189	77	79	46 840	632,456	3 690,137	5,835	5,367
28	30	98 296	20 543,977	340 397,845	16,569	16,102	78	80	43 522	555,705	3 057,681	5,502	5,035
29	31	98 217	19 411,351	319 853,868	16,478	16,010	79	81	40 029	483,306	2 501,977	5,177	4,709
30	32	98 135	18 340,552	300 442,517	16,381	15,914	80	82	36 387	415,443	2 018,670	4,859	4,391
31	33	98 046	17 327,636	282 101,965	16,280	15,813	81	83	32 638	352,384	1 603,227	4,550	4,082
32	34	97 951	16 369,479	264 774,329	16,175	15,707	82	84	28 801	294,042	1 250,843	4,254	3,786
33	35	97 849	15 463,319	248 404,849	16,064	15,597	83	85	24 968	241,050	956,801	3,969	3,502
34	36	97 737	14 605,803	232 941,531	15,949	15,481	84	86	21 188	193,435	715,751	3,700	3,233
35	37	97 617	13 794,677	218 335,728	15,828	15,360	85	87	17 561	151,610	522,316	3,445	2,978
36	38	97 492	13 027,960	204 541,051	15,700	15,233	86	88	14 152	115,530	370,705	3,209	2,741
37	39	97 350	12 301,570	191 513,091	15,568	15,101	87	89	11 060	85,381	255,175	2,989	2,521
38	40	97 196	11 614,306	179 211,521	15,430	14,963	88	90	8 356	60,997	169,794	2,784	2,316
39	41	97 025	10 963,547	167 597,214	15,287	14,819	89	91	6 064	41,862	108,797	2,599	2,131
40	42	96 846	10 348,205	156 633,667	15,136	14,669	90	92	4 214	27,509	66,935	2,433	1,966
41	43	96 649	9 765,667	146 285,462	14,980	14,512	91	93	2 802	17,298	39,426	2,279	1,812
42	44	96 432	9 213,982	136 519,795	14,817	14,349	92	94	1 775	10,363	22,128	2,135	1,668
43	45	96 200	8 691,987	127 305,814	14,646	14,179	93	95	1 059	5,844	11,764	2,013	1,545
44	46	95 941	8 197,261	118 613,826	14,470	14,002	94	96	599	3,124	5,920	1,895	1,427
45	47	95 652	7 728,190	110 416,565	14,288	13,820	95	97	312	1,541	2,796	1,815	1,347
46	48	95 334	7 283,672	102 688,375	14,098	13,631	96	98	155	0,725	1,255	1,732	1,264
47	49	94 975	6 861,669	95 404,703	13,904	13,436	97	99	72	0,319	0,530	1,663	1,195
48	50	94 584	6 461,895	88 543,035	13,702	13,235	98	100	32	0,133	0,211	1,593	1,126
49	51	94 158	6 083,019	82 081,139	13,493	13,026							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 662	99 662,364	1 781 049,601	17,871	17,403
1	4	99 297	93 897,966	1 681 387,237	17,907	17,439
2	5	99 260	88 759,365	1 587 489,271	17,885	17,418
3	6	99 236	83 912,628	1 498 729,906	17,861	17,393
4	7	99 216	79 334,340	1 414 817,278	17,834	17,366
5	8	99 201	75 009,175	1 335 482,938	17,804	17,337
6	9	99 184	70 918,594	1 260 473,763	17,774	17,306
7	10	99 169	67 052,302	1 189 555,169	17,741	17,273
8	11	99 155	63 397,262	1 122 502,867	17,706	17,238
9	12	99 139	59 940,367	1 059 105,605	17,669	17,202
10	13	99 123	56 672,213	999 165,238	17,631	17,163
11	14	99 106	53 581,450	942 493,025	17,590	17,122
12	15	99 089	50 659,445	888 911,575	17,547	17,079
13	16	99 070	47 895,787	838 252,130	17,502	17,034
14	17	99 046	45 280,513	790 356,344	17,455	16,987
15	18	99 019	42 806,813	745 075,831	17,406	16,938
16	19	98 984	40 464,811	702 269,017	17,355	16,887
17	20	98 942	38 248,441	661 804,206	17,303	16,835
18	21	98 896	36 152,116	623 555,766	17,248	16,781
19	22	98 842	34 167,663	587 403,650	17,192	16,724
20	23	98 787	32 291,740	553 235,986	17,132	16,665
21	24	98 726	30 517,245	520 944,246	17,070	16,603
22	25	98 669	28 841,030	490 427,001	17,004	16,537
23	26	98 605	27 255,283	461 585,971	16,936	16,468
24	27	98 546	25 757,914	434 330,688	16,862	16,394
25	28	98 478	24 340,560	408 572,775	16,786	16,318
26	29	98 412	23 001,577	384 232,215	16,705	16,237
27	30	98 341	21 735,294	361 230,638	16,620	16,152
28	31	98 265	20 537,462	339 495,344	16,531	16,063
29	32	98 186	19 405,256	318 957,882	16,437	15,969
30	33	98 101	18 334,268	299 552,626	16,338	15,871
31	34	98 011	17 321,392	281 218,358	16,235	15,768
32	35	97 911	16 362,834	263 896,966	16,128	15,660
33	36	97 808	15 456,946	247 534,132	16,014	15,547
34	37	97 692	14 599,106	232 077,186	15,897	15,429
35	38	97 570	13 788,129	217 478,081	15,773	15,305
36	39	97 433	13 020,101	203 689,951	15,644	15,177
37	40	97 291	12 294,175	190 669,850	15,509	15,041
38	41	97 129	11 606,343	178 375,675	15,369	14,901
39	42	96 954	10 955,431	166 769,332	15,223	14,755
40	43	96 769	10 339,991	155 813,901	15,069	14,601
41	44	96 561	9 756,799	145 473,910	14,910	14,442
42	45	96 339	9 205,039	135 717,111	14,744	14,276
43	46	96 089	8 681,972	126 512,072	14,572	14,104
44	47	95 824	8 187,281	117 830,100	14,392	13,924
45	48	95 521	7 717,600	109 642,819	14,207	13,739
46	49	95 182	7 272,062	101 925,220	14,016	13,548
47	50	94 809	6 849,674	94 653,158	13,819	13,351
48	51	94 409	6 449,920	87 803,484	13,613	13,146
49	52	93 956	6 069,985	81 353,564	13,403	12,935
50	53	93 459	5 709,532	75 283,579	13,186	12,718
51	54	92 909	5 367,320	69 574,047	12,963	12,495
52	55	92 297	5 042,083	64 206,727	12,734	12,267
53	56	91 617	4 732,775	59 164,643	12,501	12,033
54	57	90 860	4 438,481	54 431,868	12,264	11,796
55	58	90 023	4 158,450	49 993,387	12,022	11,555
56	59	89 101	3 892,088	45 834,937	11,776	11,309
57	60	88 098	3 639,009	41 942,850	11,526	11,058
58	61	86 990	3 397,889	38 303,841	11,273	10,805
59	62	85 790	3 168,806	34 905,951	11,015	10,548
60	63	84 502	2 951,509	31 737,145	10,753	10,285
61	64	83 106	2 744,935	28 785,636	10,487	10,019
62	65	81 593	2 548,407	26 040,701	10,218	9,751
63	66	79 976	2 362,087	23 492,294	9,946	9,478
64	67	78 246	2 185,346	21 130,208	9,669	9,201
65	68	76 400	2 017,752	18 944,862	9,389	8,922
66	69	74 434	1 858,954	16 927,110	9,106	8,638
67	70	72 353	1 708,711	15 068,156	8,818	8,351
68	71	70 155	1 566,733	13 359,445	8,527	8,059
69	72	67 867	1 433,218	11 792,712	8,228	7,761
70	73	65 451	1 307,040	10 359,494	7,926	7,458
71	74	62 941	1 188,568	9 052,454	7,616	7,149
72	75	60 294	1 076,688	7 863,886	7,304	6,836
73	76	57 586	972,418	6 787,198	6,980	6,512
74	77	54 725	873,850	5 814,780	6,654	6,187
75	78	51 762	781,596	4 940,930	6,322	5,854
76	79	48 649	694,644	4 159,334	5,988	5,520
77	80	45 369	612,587	3 464,690	5,656	5,188
78	81	41 936	535,443	2 852,103	5,327	4,859
79	82	38 321	462,682	2 316,660	5,007	4,539
80	83	34 590	394,929	1 853,978	4,694	4,227
81	84	30 787	332,400	1 459,049	4,389	3,922
82	85	26 924	274,882	1 126,649	4,099	3,631
83	86	23 067	222,700	851,767	3,825	3,357
84	87	19 341	176,571	629,068	3,563	3,095
85	88	15 806	136,458	452,496	3,316	2,848
86	89	12 536	102,336	316,038	3,088	2,621
87	90	9 628	74,323	213,702	2,875	2,408
88	91	7 123	52,002	139,379	2,680	2,213
89	92	5 048	34,844	87,378	2,508	2,040
90	93	3 424	22,351	52,533	2,350	1,883
91	94	2 217	13,683	30,182	2,206	1,738
92	95	1 367	7,978	16,499	2,068	1,600
93	96	791	4,367	8,521	1,951	1,484
94	97	428	2,232	4,154	1,861	1,394
95	98	219	1,080	1,922	1,780	1,312
96	99	107	0,498	0,842	1,691	1,224
97	100	48	0,212	0,344	1,627	1,160

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 652	99 652,086	1 779 901,973	17,861	17,394
1	5	99 288	93 888,981	1 680 249,887	17,896	17,429
2	6	99 251	88 751,459	1 586 360,905	17,874	17,407
3	7	99 227	83 905,205	1 497 609,447	17,849	17,381
4	8	99 212	79 330,654	1 413 704,242	17,820	17,353
5	9	99 194	75 003,948	1 334 373,588	17,791	17,323
6	10	99 178	70 914,256	1 259 369,639	17,759	17,291
7	11	99 163	67 048,380	1 188 455,383	17,725	17,258
8	12	99 147	63 392,360	1 121 407,004	17,690	17,222
9	13	99 131	59 935,661	1 058 014,644	17,653	17,185
10	14	99 114	56 666,873	998 078,983	17,613	17,146
11	15	99 097	53 576,510	941 412,110	17,571	17,104
12	16	99 077	50 653,281	887 835,600	17,528	17,060
13	17	99 055	47 888,734	837 182,319	17,482	17,014
14	18	99 032	45 274,347	789 293,585	17,434	16,966
15	19	98 999	42 798,380	744 019,238	17,384	16,917
16	20	98 966	40 457,738	701 220,858	17,332	16,865
17	21	98 924	38 241,369	660 763,120	17,279	16,811
18	22	98 880	36 146,154	622 521,751	17,222	16,755
19	23	98 826	34 162,101	586 375,596	17,165	16,697
20	24	98 769	32 285,929	552 213,496	17,104	16,636
21	25	98 709	30 511,754	519 927,567	17,040	16,573
22	26	98 650	28 835,543	489 415,813	16,973	16,505
23	27	98 587	27 250,154	460 580,269	16,902	16,434
24	28	98 525	25 752,371	433 330,116	16,827	16,359
25	29	98 455	24 334,824	407 577,745	16,749	16,281
26	30	98 386	22 995,625	383 242,920	16,666	16,198
27	31	98 310	21 728,401	360 247,295	16,580	16,112
28	32	98 234	20 531,013	338 518,895	16,488	16,021
29	33	98 153	19 398,607	317 987,882	16,392	15,925
30	34	98 066	18 327,661	298 589,274	16,292	15,824
31	35	97 971	17 314,360	280 261,613	16,187	15,719
32	36	97 870	16 356,090	262 947,253	16,076	15,609
33	37	97 764	15 449,859	246 591,163	15,961	15,493
34	38	97 646	14 592,176	231 141,304	15,840	15,373
35	39	97 512	13 779,812	216 549,128	15,715	15,247
36	40	97 375	13 012,274	202 769,316	15,583	15,115
37	41	97 224	12 285,745	189 757,042	15,445	14,978
38	42	97 057	11 597,751	177 471,297	15,302	14,835
39	43	96 877	10 946,735	165 873,546	15,153	14,685
40	44	96 681	10 330,602	154 926,811	14,997	14,529
41	45	96 468	9 747,329	144 596,210	14,834	14,367
42	46	96 228	9 194,432	134 848,880	14,666	14,199
43	47	95 972	8 671,402	125 654,448	14,491	14,023
44	48	95 693	8 176,062	116 983,046	14,308	13,840
45	49	95 369	7 705,297	108 806,984	14,121	13,653
46	50	95 016	7 259,349	101 101,687	13,927	13,460
47	51	94 633	6 836,980	93 842,337	13,726	13,258
48	52	94 206	6 436,100	87 005,357	13,518	13,051
49	53	93 737	6 055,824	80 569,257	13,304	12,837
50	54	93 219	5 694,872	74 513,433	13,084	12,617
51	55	92 640	5 351,816	68 818,561	12,859	12,391
52	56	91 998	5 025,720	63 466,746	12,628	12,161
53	57	91 289	4 715,846	58 441,026	12,392	11,925
54	58	90 504	4 421,064	53 725,180	12,152	11,685
55	59	89 631	4 140,363	49 304,116	11,908	11,441
56	60	88 682	3 873,770	45 163,753	11,659	11,191
57	61	87 633	3 619,810	41 289,983	11,407	10,939
58	62	86 496	3 378,569	37 670,173	11,150	10,682
59	63	85 264	3 149,367	34 291,604	10,888	10,421
60	64	83 932	2 931,590	31 142,237	10,623	10,155
61	65	82 485	2 724,423	28 210,647	10,355	9,887
62	66	80 943	2 528,095	25 486,224	10,081	9,614
63	67	79 275	2 341,390	22 958,129	9,805	9,338
64	68	77 504	2 164,624	20 616,739	9,524	9,057
65	69	75 600	1 996,635	18 452,116	9,242	8,774
66	70	73 574	1 837,475	16 455,481	8,955	8,488
67	71	71 441	1 687,183	14 618,006	8,664	8,197
68	72	69 194	1 545,266	12 930,823	8,368	7,900
69	73	66 862	1 411,987	11 385,557	8,064	7,596
70	74	64 376	1 285,583	9 973,570	7,758	7,290
71	75	61 818	1 167,361	8 687,987	7,442	6,975
72	76	59 135	1 055,982	7 520,626	7,122	6,654
73	77	56 345	951,447	6 464,645	6,795	6,327
74	78	53 423	853,055	5 513,198	6,463	5,995
75	79	50 341	760,143	4 660,142	6,131	5,663
76	80	47 120	672,822	3 899,999	5,796	5,329
77	81	43 715	590,251	3 227,177	5,467	5,000
78	82	40 146	512,593	2 636,926	5,144	4,677
79	83	36 428	439,835	2 124,333	4,830	4,362
80	84	32 628	372,532	1 684,497	4,522	4,054
81	85	28 781	310,740	1 311,965	4,222	3,754
82	86	24 874	253,956	1 001,226	3,943	3,475
83	87	21 056	203,285	747,269	3,676	3,208
84	88	17 408	158,924	543,985	3,423	2,955
85	89	14 001	120,874	385,061	3,186	2,718
86	90	10 912	89,082	264,187	2,966	2,498
87	91	8 208	63,362	175,105	2,764	2,296
88	92	5 929	43,284	111,743	2,582	2,114
89	93	4 101	28,311	68,458	2,418	1,951
90	94	2 708	17,680	40,148	2,271	1,803
91	95	1 707	10,534	22,467	2,133	1,665
92	96	1 021	5,961	11,933	2,002	1,534
93	97	565	3,119	5,972	1,914	1,447
94	98	300	1,564	2,852	1,823	1,356
95	99	150	0,742	1,288	1,736	1,269
96	100	71	0,330	0,546	1,654	1,186

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 643	99 642,551	1 778 669,314	17,850	17,383
1	6	99 279	93 880,618	1 679 026,764	17,885	17,417
2	7	99 243	88 743,608	1 585 146,146	17,862	17,395
3	8	99 222	83 901,307	1 496 402,538	17,835	17,368
4	9	99 205	79 325,126	1 412 501,231	17,806	17,339
5	10	99 188	74 999,360	1 333 176,105	17,776	17,308
6	11	99 172	70 910,108	1 258 176,745	17,743	17,276
7	12	99 156	67 043,195	1 187 266,637	17,709	17,241
8	13	99 139	63 387,382	1 120 223,442	17,673	17,205
9	14	99 121	59 930,014	1 056 836,060	17,635	17,167
10	15	99 104	56 661,648	996 906,047	17,594	17,126
11	16	99 084	53 569,991	940 244,398	17,552	17,084
12	17	99 062	50 645,823	886 674,407	17,507	17,040
13	18	99 042	47 882,213	836 028,585	17,460	16,993
14	19	99 013	45 265,427	788 146,371	17,412	16,944
15	20	98 982	42 790,899	742 880,944	17,361	16,893
16	21	98 948	40 450,258	700 090,045	17,307	16,840
17	22	98 907	38 235,063	659 639,786	17,252	16,785
18	23	98 864	36 140,269	621 404,723	17,194	16,727
19	24	98 808	34 155,953	585 264,453	17,135	16,667
20	25	98 751	32 280,120	551 108,501	17,073	16,605
21	26	98 690	30 505,950	518 828,381	17,007	16,540
22	27	98 631	28 830,117	488 322,431	16,938	16,470
23	28	98 565	27 244,290	459 492,315	16,866	16,398
24	29	98 502	25 746,303	432 248,025	16,789	16,321
25	30	98 429	24 328,527	406 501,722	16,709	16,241
26	31	98 355	22 988,332	382 173,195	16,625	16,157
27	32	98 279	21 721,578	359 184,863	16,536	16,068
28	33	98 200	20 523,979	337 463,285	16,442	15,975
29	34	98 117	19 391,618	316 939,306	16,344	15,877
30	35	98 026	18 320,220	297 547,688	16,241	15,774
31	36	97 931	17 307,224	279 227,468	16,134	15,666
32	37	97 826	16 348,591	261 920,244	16,021	15,553
33	38	97 717	15 442,525	245 571,653	15,902	15,435
34	39	97 587	14 583,373	230 129,128	15,780	15,313
35	40	97 453	13 771,528	215 545,755	15,652	15,184
36	41	97 308	13 003,352	201 774,227	15,517	15,050
37	42	97 152	12 276,651	188 770,875	15,376	14,909
38	43	96 980	11 588,545	176 494,225	15,230	14,762
39	44	96 789	10 936,795	164 905,679	15,078	14,610
40	45	96 587	10 320,575	153 968,885	14,919	14,451
41	46	96 356	9 736,098	143 648,310	14,754	14,287
42	47	96 111	9 183,238	133 912,212	14,582	14,115
43	48	95 841	8 659,519	124 728,974	14,404	13,936
44	49	95 541	8 163,029	116 069,454	14,219	13,751
45	50	95 202	7 691,828	107 906,425	14,029	13,561
46	51	94 840	7 245,896	100 214,597	13,831	13,363
47	52	94 430	6 822,331	92 968,701	13,627	13,160
48	53	93 987	6 421,085	86 146,370	13,416	12,949
49	54	93 496	6 040,274	79 725,285	13,199	12,731
50	55	92 949	5 678,421	73 685,011	12,976	12,509
51	56	92 340	5 334,447	68 006,590	12,749	12,281
52	57	91 669	5 007,743	62 672,143	12,515	12,047
53	58	90 931	4 697,340	57 664,400	12,276	11,808
54	59	90 110	4 401,835	52 967,060	12,033	11,565
55	60	89 209	4 120,877	48 565,225	11,785	11,318
56	61	88 214	3 853,332	44 444,348	11,534	11,066
57	62	87 135	3 599,228	40 591,016	11,278	10,810
58	63	85 965	3 357,844	36 991,788	11,017	10,549
59	64	84 689	3 128,112	33 633,944	10,752	10,285
60	65	83 304	2 909,683	30 505,832	10,484	10,017
61	66	81 828	2 702,708	27 596,149	10,211	9,743
62	67	80 233	2 505,944	24 893,441	9,934	9,466
63	68	78 524	2 319,188	22 387,497	9,653	9,186
64	69	76 693	2 141,969	20 068,309	9,369	8,902
65	70	74 727	1 973,564	17 926,340	9,083	8,616
66	71	72 647	1 814,325	15 952,776	8,793	8,325
67	72	70 462	1 664,066	14 138,451	8,496	8,029
68	73	68 169	1 522,375	12 474,385	8,194	7,726
69	74	65 764	1 388,807	10 952,010	7,886	7,418
70	75	63 228	1 262,644	9 563,202	7,574	7,106
71	76	60 629	1 144,911	8 300,558	7,250	6,782
72	77	57 860	1 033,209	7 155,647	6,926	6,458
73	78	55 004	928,806	6 122,439	6,592	6,124
74	79	51 956	829,641	5 193,633	6,260	5,793
75	80	48 760	736,264	4 363,992	5,927	5,460
76	81	45 402	648,290	3 627,729	5,596	5,128
77	82	41 849	565,063	2 979,439	5,273	4,805
78	83	38 164	487,282	2 414,376	4,955	4,487
79	84	34 362	414,891	1 927,094	4,645	4,177
80	85	30 502	348,257	1 512,202	4,342	3,875
81	86	26 590	287,085	1 163,945	4,054	3,587
82	87	22 706	231,816	876,861	3,783	3,315
83	88	18 952	182,967	645,044	3,525	3,058
84	89	15 420	140,775	462,077	3,282	2,815
85	90	12 188	105,219	321,302	3,054	2,586
86	91	9 303	75,945	216,084	2,845	2,378
87	92	6 832	52,740	140,139	2,657	2,190
88	93	4 818	35,168	87,399	2,485	2,018
89	94	3 244	22,395	52,231	2,332	1,865
90	95	2 085	13,611	29,836	2,192	1,724
91	96	1 275	7,871	16,225	2,061	1,594
92	97	730	4,259	8,354	1,962	1,494
93	98	396	2,187	4,095	1,873	1,405
94	99	206	1,075	1,909	1,776	1,309
95	100	100	0,492	0,834	1,696	1,228

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 634	99 633,675	1 777 345,196	17,839	17,371
1	7	99 270	93 872,313	1 677 711,521	17,872	17,405
2	8	99 238	88 739,485	1 583 839,208	17,848	17,381
3	9	99 216	83 895,460	1 495 099,723	17,821	17,353
4	10	99 199	79 320,273	1 411 204,263	17,791	17,324
5	11	99 182	74 994,973	1 331 883,989	17,760	17,292
6	12	99 165	70 904,625	1 256 889,016	17,726	17,259
7	13	99 148	67 037,931	1 185 984,392	17,691	17,224
8	14	99 130	63 381,410	1 118 946,461	17,654	17,187
9	15	99 112	59 924,488	1 055 565,051	17,615	17,147
10	16	99 092	56 654,755	995 640,563	17,574	17,106
11	17	99 070	53 562,103	938 985,809	17,531	17,063
12	18	99 049	50 638,927	885 423,706	17,485	17,017
13	19	99 022	47 872,780	834 784,779	17,438	16,970
14	20	98 996	45 257,515	786 911,999	17,387	16,920
15	21	98 964	42 782,988	741 654,484	17,335	16,868
16	22	98 932	40 443,588	698 871,496	17,280	16,813
17	23	98 891	38 228,838	658 427,908	17,223	16,756
18	24	98 846	36 133,766	620 199,069	17,164	16,696
19	25	98 791	34 149,807	584 065,304	17,103	16,635
20	26	98 732	32 273,979	549 915,497	17,039	16,571
21	27	98 671	30 500,209	517 641,518	16,972	16,504
22	28	98 610	28 823,913	487 141,309	16,901	16,433
23	29	98 542	27 237,870	458 317,396	16,826	16,359
24	30	98 476	25 739,640	431 079,526	16,748	16,280
25	31	98 398	24 320,812	405 339,886	16,666	16,199
26	32	98 324	22 981,114	381 019,074	16,580	16,112
27	33	98 246	21 714,136	358 037,960	16,489	16,021
28	34	98 165	20 516,583	336 323,825	16,393	15,925
29	35	98 077	19 383,745	315 807,241	16,292	15,825
30	36	97 986	18 312,670	296 423,497	16,187	15,719
31	37	97 886	17 299,289	278 110,827	16,076	15,609
32	38	97 779	16 340,831	260 811,538	15,961	15,493
33	39	97 658	15 433,210	244 470,707	15,841	15,373
34	40	97 528	14 574,607	229 037,498	15,715	15,247
35	41	97 386	13 762,085	214 462,891	15,584	15,116
36	42	97 236	12 993,726	200 700,806	15,446	14,978
37	43	97 075	12 266,906	187 707,081	15,302	14,834
38	44	96 892	11 578,022	175 440,175	15,153	14,685
39	45	96 695	10 926,180	163 862,153	14,997	14,530
40	46	96 476	10 308,683	152 935,973	14,836	14,368
41	47	96 239	9 724,244	142 627,290	14,667	14,200
42	48	95 979	9 170,654	132 903,046	14,492	14,025
43	49	95 688	8 645,715	123 732,391	14,311	13,844
44	50	95 374	8 148,760	115 086,676	14,123	13,656
45	51	95 026	7 677,574	106 937,916	13,929	13,461
46	52	94 636	7 230,371	99 260,343	13,728	13,261
47	53	94 210	6 806,414	92 029,972	13,521	13,053
48	54	93 745	6 404,598	85 223,558	13,307	12,839
49	55	93 226	6 022,826	78 818,960	13,087	12,619
50	56	92 648	5 659,992	72 796,134	12,862	12,394
51	57	92 009	5 315,365	67 136,142	12,631	12,163
52	58	91 309	4 988,092	61 820,777	12,394	11,926
53	59	90 536	4 676,910	56 832,685	12,152	11,684
54	60	89 686	4 381,118	52 155,775	11,905	11,437
55	61	88 739	4 099,135	47 774,657	11,655	11,187
56	62	87 712	3 831,423	43 675,522	11,399	10,932
57	63	86 600	3 577,149	39 844,099	11,139	10,671
58	64	85 385	3 335,182	36 266,950	10,874	10,406
59	65	84 056	3 104,737	32 931,768	10,607	10,139
60	66	82 640	2 886,491	29 827,031	10,333	9,866
61	67	81 111	2 679,026	26 940,540	10,056	9,589
62	68	79 473	2 482,182	24 261,513	9,774	9,307
63	69	77 702	2 294,916	21 779,331	9,490	9,023
64	70	75 807	2 117,220	19 484,415	9,203	8,735
65	71	73 785	1 948,700	17 367,195	8,912	8,445
66	72	71 652	1 789,465	15 418,496	8,616	8,149
67	73	69 418	1 639,415	13 629,030	8,313	7,846
68	74	67 050	1 497,384	11 989,615	8,007	7,539
69	75	64 591	1 364,026	10 492,231	7,692	7,225
70	76	62 012	1 238,362	9 128,205	7,371	6,904
71	77	59 321	1 120,220	7 889,843	7,043	6,576
72	78	56 483	1 008,622	6 769,623	6,712	6,244
73	79	53 494	903,312	5 761,002	6,378	5,910
74	80	50 324	803,578	4 857,690	6,045	5,577
75	81	46 982	709,418	4 054,112	5,715	5,247
76	82	43 465	620,625	3 344,693	5,389	4,922
77	83	39 783	537,161	2 724,069	5,071	4,604
78	84	35 999	459,648	2 186,908	4,758	4,290
79	85	32 123	387,856	1 727,260	4,453	3,986
80	86	28 180	321,746	1 339,404	4,163	3,695
81	87	24 272	262,057	1 017,658	3,883	3,416
82	88	20 436	208,647	755,602	3,621	3,154
83	89	16 787	162,072	546,954	3,375	2,907
84	90	13 423	122,542	384,882	3,141	2,673
85	91	10 390	89,701	262,341	2,925	2,457
86	92	7 743	63,214	172,639	2,731	2,263
87	93	5 551	42,851	109,426	2,554	2,086
88	94	3 811	27,819	66,574	2,393	1,926
89	95	2 497	17,240	38,755	2,248	1,780
90	96	1 558	10,170	21,515	2,115	1,648
91	97	911	5,623	11,344	2,018	1,550
92	98	511	2,985	5,722	1,917	1,449
93	99	272	1,502	2,736	1,822	1,354
94	100	136	0,712	1,234	1,733	1,265

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 625	99 624,861	1 775 923,038	17,826	17,359
1	8	99 265	93 867,952	1 676 298,177	17,858	17,390
2	9	99 231	88 733,301	1 582 430,225	17,834	17,366
3	10	99 209	83 890,328	1 493 696,924	17,805	17,338
4	11	99 193	79 315,634	1 409 806,596	17,775	17,307
5	12	99 175	74 989,174	1 330 490,962	17,742	17,275
6	13	99 157	70 899,057	1 255 501,788	17,708	17,241
7	14	99 138	67 031,615	1 184 602,731	17,672	17,205
8	15	99 121	63 375,566	1 117 571,116	17,634	17,167
9	16	99 100	59 917,197	1 054 195,551	17,594	17,127
10	17	99 078	56 646,412	994 278,354	17,552	17,085
11	18	99 056	53 554,810	937 631,941	17,508	17,040
12	19	99 029	50 628,950	884 077,132	17,462	16,994
13	20	99 005	47 864,412	833 448,182	17,413	16,945
14	21	98 977	45 249,148	785 583,770	17,361	16,894
15	22	98 948	42 775,933	740 334,621	17,307	16,840
16	23	98 916	40 437,004	697 558,688	17,251	16,783
17	24	98 873	38 221,959	657 121,685	17,192	16,725
18	25	98 828	36 127,264	618 899,726	17,131	16,664
19	26	98 772	34 143,311	582 772,462	17,068	16,601
20	27	98 714	32 267,905	548 629,152	17,002	16,535
21	28	98 650	30 493,646	516 361,246	16,933	16,466
22	29	98 587	28 817,121	485 867,601	16,860	16,393
23	30	98 517	27 230,822	457 050,480	16,784	16,317
24	31	98 445	25 731,477	429 819,658	16,704	16,236
25	32	98 367	24 313,175	404 088,181	16,620	16,153
26	33	98 291	22 973,240	379 775,006	16,531	16,064
27	34	98 210	21 706,311	356 801,766	16,438	15,970
28	35	98 125	20 508,253	335 095,454	16,340	15,872
29	36	98 037	19 375,756	314 587,201	16,236	15,769
30	37	97 941	18 304,274	295 211,445	16,128	15,660
31	38	97 839	17 291,077	276 907,171	16,014	15,547
32	39	97 720	16 330,973	259 616,094	15,897	15,430
33	40	97 599	15 423,932	243 285,121	15,773	15,306
34	41	97 461	14 564,613	227 861,189	15,645	15,177
35	42	97 314	13 751,897	213 296,576	15,510	15,043
36	43	97 159	12 983,412	199 544,679	15,369	14,902
37	44	96 987	12 255,767	186 561,267	15,222	14,755
38	45	96 798	11 566,785	174 305,500	15,069	14,602
39	46	96 583	10 913,590	162 738,715	14,912	14,444
40	47	96 358	10 296,132	151 825,125	14,746	14,278
41	48	96 107	9 710,919	141 528,993	14,574	14,107
42	49	95 826	9 156,036	131 818,074	14,397	13,929
43	50	95 521	8 630,602	122 662,038	14,212	13,745
44	51	95 197	8 133,658	114 031,436	14,020	13,552
45	52	94 822	7 661,123	105 897,778	13,823	13,355
46	53	94 416	7 213,502	98 236,655	13,618	13,151
47	54	93 968	6 788,938	91 023,152	13,408	12,940
48	55	93 475	6 386,097	84 234,215	13,190	12,723
49	56	92 924	6 003,279	77 848,118	12,968	12,500
50	57	92 316	5 639,747	71 844,839	12,739	12,271
51	58	91 648	5 294,507	66 205,092	12,504	12,037
52	59	90 912	4 966,397	60 910,585	12,265	11,797
53	60	90 109	4 654,899	55 944,189	12,018	11,551
54	61	89 213	4 358,004	51 289,290	11,769	11,301
55	62	88 234	4 075,828	46 931,286	11,515	11,047
56	63	87 174	3 807,919	42 855,458	11,254	10,787
57	64	86 016	3 553,007	39 047,539	10,990	10,522
58	65	84 747	3 310,259	35 494,532	10,723	10,255
59	66	83 386	3 079,991	32 184,273	10,449	9,982
60	67	81 916	2 861,200	29 104,282	10,172	9,704
61	68	80 342	2 653,623	26 243,083	9,890	9,422
62	69	78 641	2 456,204	23 589,459	9,604	9,136
63	70	76 804	2 268,400	21 133,255	9,316	8,849
64	71	74 852	2 090,545	18 864,855	9,024	8,556
65	72	72 774	1 921,999	16 774,310	8,728	8,260
66	73	70 591	1 762,957	14 852,311	8,425	7,957
67	74	68 279	1 612,502	13 089,354	8,117	7,650
68	75	65 854	1 470,666	11 476,852	7,804	7,336
69	76	63 348	1 337,794	10 006,186	7,480	7,012
70	77	60 674	1 211,655	8 668,392	7,154	6,687
71	78	57 910	1 093,562	7 456,736	6,819	6,351
72	79	54 932	980,937	6 363,174	6,487	6,019
73	80	51 814	874,935	5 382,237	6,152	5,684
74	81	48 489	774,278	4 507,302	5,821	5,354
75	82	44 977	679,145	3 733,024	5,497	5,029
76	83	41 319	589,979	3 053,879	5,176	4,709
77	84	37 526	506,698	2 463,900	4,863	4,395
78	85	33 653	429,696	1 957,202	4,555	4,087
79	86	29 678	358,330	1 527,507	4,263	3,795
80	87	25 723	293,696	1 169,176	3,981	3,513
81	88	21 846	235,865	875,480	3,712	3,244
82	89	18 102	184,819	639,615	3,461	2,993
83	90	14 613	141,081	454,796	3,224	2,756
84	91	11 443	104,470	313,715	3,003	2,535
85	92	8 649	74,664	209,245	2,802	2,335
86	93	6 291	51,361	134,581	2,620	2,153
87	94	4 391	33,897	83,220	2,455	1,988
88	95	2 934	21,416	49,323	2,303	1,836
89	96	1 866	12,882	27,907	2,166	1,699
90	97	1 113	7,265	15,025	2,068	1,600
91	98	639	3,941	7,760	1,969	1,501
92	99	351	2,050	3,818	1,862	1,394
93	100	180	0,996	1,768	1,775	1,307

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 620	99 620,233	1 774 396,662	17,812	17,344
1	9	99 258	93 861,411	1 674 776,429	17,843	17,376
2	10	99 225	88 727,873	1 580 915,018	17,818	17,350
3	11	99 204	83 885,421	1 492 187,145	17,788	17,321
4	12	99 185	79 309,500	1 408 301,724	17,757	17,289
5	13	99 167	74 983,285	1 328 992,224	17,724	17,256
6	14	99 148	70 892,377	1 254 008,938	17,689	17,221
7	15	99 129	67 025,434	1 183 116,561	17,652	17,184
8	16	99 109	63 367,855	1 116 091,127	17,613	17,145
9	17	99 086	59 908,374	1 052 723,272	17,572	17,105
10	18	99 064	56 638,699	992 814,898	17,529	17,061
11	19	99 037	53 544,259	936 176,198	17,484	17,017
12	20	99 012	50 620,100	882 631,940	17,436	16,969
13	21	98 987	47 855,563	832 011,839	17,386	16,918
14	22	98 961	45 241,687	784 156,276	17,333	16,865
15	23	98 931	42 768,969	738 914,590	17,277	16,809
16	24	98 898	40 429,727	696 145,621	17,219	16,751
17	25	98 856	38 215,081	655 715,894	17,159	16,691
18	26	98 810	36 120,391	617 500,813	17,096	16,628
19	27	98 753	34 136,885	581 380,422	17,031	16,563
20	28	98 693	32 260,962	547 243,537	16,963	16,495
21	29	98 627	30 486,460	514 982,575	16,892	16,425
22	30	98 561	28 809,664	484 496,115	16,817	16,350
23	31	98 485	27 222,186	455 686,451	16,740	16,272
24	32	98 414	25 723,398	428 464,265	16,657	16,189
25	33	98 334	24 304,845	402 740,868	16,570	16,103
26	34	98 255	22 964,962	378 436,023	16,479	16,011
27	35	98 170	21 697,499	355 471,061	16,383	15,915
28	36	98 084	20 499,801	333 773,562	16,282	15,814
29	37	97 992	19 366,872	313 273,761	16,176	15,708
30	38	97 894	18 295,585	293 906,889	16,064	15,597
31	39	97 780	17 280,647	275 611,303	15,949	15,482
32	40	97 661	16 321,156	258 330,657	15,828	15,360
33	41	97 533	15 413,356	242 009,501	15,701	15,234
34	42	97 389	14 553,831	226 596,145	15,570	15,102
35	43	97 237	13 740,982	212 042,314	15,431	14,964
36	44	97 071	12 971,622	198 301,332	15,287	14,820
37	45	96 893	12 243,872	185 329,710	15,137	14,669
38	46	96 687	11 553,457	173 085,839	14,981	14,514
39	47	96 466	10 900,303	161 532,382	14,819	14,351
40	48	96 226	10 282,024	150 632,079	14,650	14,182
41	49	95 954	9 695,440	140 350,056	14,476	14,008
42	50	95 658	9 140,030	130 654,616	14,295	13,827
43	51	95 344	8 614,608	121 514,586	14,106	13,638
44	52	94 993	8 116,230	112 899,978	13,910	13,443
45	53	94 601	7 643,250	104 783,747	13,709	13,242
46	54	94 173	7 194,980	97 140,498	13,501	13,034
47	55	93 696	6 769,326	89 945,517	13,287	12,820
48	56	93 171	6 365,371	83 176,191	13,067	12,599
49	57	92 591	5 981,806	76 810,820	12,841	12,373
50	58	91 954	5 617,616	70 829,014	12,608	12,141
51	59	91 250	5 271,479	65 211,399	12,371	11,903
52	60	90 484	4 943,023	59 939,919	12,126	11,659
53	61	89 634	4 630,339	54 996,897	11,878	11,410
54	62	88 706	4 333,225	50 366,557	11,623	11,156
55	63	87 693	4 050,825	46 033,332	11,364	10,896
56	64	86 586	3 782,220	41 982,507	11,100	10,632
57	65	85 373	3 526,456	38 200,288	10,832	10,365
58	66	84 071	3 283,875	34 673,831	10,559	10,091
59	67	82 655	3 053,004	31 389,956	10,282	9,814
60	68	81 140	2 834,069	28 336,952	9,999	9,531
61	69	79 501	2 625,851	25 502,883	9,712	9,245
62	70	77 732	2 427,824	22 877,032	9,423	8,955
63	71	75 836	2 239,820	20 449,208	9,130	8,662
64	72	73 826	2 061,901	18 209,388	8,831	8,364
65	73	71 696	1 893,527	16 147,487	8,528	8,060
66	74	69 432	1 734,016	14 253,959	8,220	7,753
67	75	67 060	1 583,730	12 519,943	7,905	7,438
68	76	64 587	1 442,383	10 936,213	7,582	7,114
69	77	61 982	1 308,944	9 493,831	7,253	6,785
70	78	59 231	1 182,822	8 184,887	6,920	6,452
71	79	56 320	1 063,546	7 002,065	6,584	6,116
72	80	53 207	950,122	5 938,518	6,250	5,783
73	81	49 924	843,033	4 988,397	5,917	5,450
74	82	46 420	741,237	4 145,363	5,592	5,125
75	83	42 756	645,609	3 404,126	5,273	4,805
76	84	38 975	556,520	2 758,517	4,957	4,489
77	85	35 081	473,680	2 201,997	4,649	4,181
78	86	31 092	396,985	1 728,317	4,354	3,886
79	87	27 091	327,091	1 331,332	4,070	3,603
80	88	23 152	264,343	1 004,241	3,799	3,331
81	89	19 351	208,929	739,898	3,541	3,074
82	90	15 758	160,882	530,969	3,300	2,833
83	91	12 458	120,275	370,087	3,077	2,609
84	92	9 525	86,957	249,813	2,873	2,405
85	93	7 027	60,665	162,856	2,685	2,217
86	94	4 977	40,628	102,191	2,515	2,048
87	95	3 380	26,095	61,563	2,359	1,892
88	96	2 192	16,003	35,468	2,216	1,749
89	97	1 333	9,202	19,466	2,115	1,648
90	98	780	5,093	10,263	2,015	1,548
91	99	439	2,707	5,171	1,910	1,442
92	100	233	1,360	2,463	1,812	1,344

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 613	99 613,291	1 772 755,280	17,796	17,329
1	10	99 252	93 855,669	1 673 141,989	17,827	17,359
2	11	99 219	88 722,683	1 579 286,320	17,800	17,333
3	12	99 196	83 878,934	1 490 563,637	17,770	17,303
4	13	99 177	79 303,273	1 406 684,702	17,738	17,270
5	14	99 157	74 976,221	1 327 381,429	17,704	17,236
6	15	99 138	70 885,841	1 252 405,209	17,668	17,200
7	16	99 117	67 017,279	1 181 519,368	17,630	17,162
8	17	99 094	63 358,524	1 114 502,089	17,590	17,123
9	18	99 072	59 900,217	1 051 143,565	17,548	17,081
10	19	99 045	56 627,540	991 243,347	17,505	17,037
11	20	99 020	53 534,900	934 615,807	17,458	16,990
12	21	98 994	50 610,742	881 080,907	17,409	16,941
13	22	98 970	47 847,672	830 470,166	17,357	16,889
14	23	98 945	45 234,321	782 622,494	17,302	16,834
15	24	98 914	42 761,272	737 388,173	17,244	16,777
16	25	98 880	40 422,452	694 626,901	17,184	16,717
17	26	98 837	38 207,812	654 204,449	17,122	16,655
18	27	98 791	36 113,594	615 996,638	17,057	16,590
19	28	98 732	34 129,539	579 883,044	16,991	16,523
20	29	98 669	32 253,360	545 753,505	16,921	16,453
21	30	98 601	30 478,571	513 500,145	16,848	16,380
22	31	98 530	28 800,527	483 021,574	16,771	16,304
23	32	98 454	27 213,638	454 221,046	16,691	16,223
24	33	98 380	25 714,584	427 007,408	16,606	16,138
25	34	98 298	24 296,087	401 292,824	16,517	16,049
26	35	98 215	22 955,638	376 996,737	16,423	15,955
27	36	98 130	21 688,556	354 041,099	16,324	15,856
28	37	98 039	20 490,402	332 352,542	16,220	15,752
29	38	97 945	19 357,679	311 862,140	16,111	15,643
30	39	97 835	18 284,549	292 504,461	15,997	15,530
31	40	97 722	17 270,258	274 219,912	15,878	15,411
32	41	97 594	16 309,964	256 949,654	15,754	15,287
33	42	97 460	15 401,946	240 639,689	15,624	15,156
34	43	97 312	14 542,279	225 237,743	15,488	15,021
35	44	97 149	13 728,504	210 695,464	15,347	14,880
36	45	96 976	12 959,032	196 966,960	15,199	14,732
37	46	96 781	12 229,764	184 007,928	15,046	14,578
38	47	96 569	11 539,390	171 778,165	14,886	14,419
39	48	96 334	10 885,366	160 238,774	14,721	14,253
40	49	96 073	10 265,634	149 353,408	14,549	14,081
41	50	95 786	9 678,491	139 087,775	14,371	13,903
42	51	95 481	9 123,092	129 409,284	14,185	13,717
43	52	95 139	8 596,149	120 286,192	13,993	13,525
44	53	94 771	8 097,295	111 690,042	13,793	13,326
45	54	94 358	7 623,624	103 592,747	13,588	13,121
46	55	93 901	7 174,196	95 969,122	13,377	12,909
47	56	93 392	6 747,357	88 794,926	13,160	12,692
48	57	92 838	6 342,602	82 047,569	12,936	12,468
49	58	92 228	5 958,332	75 704,967	12,706	12,238
50	59	91 554	5 593,182	69 746,635	12,470	12,002
51	60	90 820	5 246,670	64 153,452	12,227	11,760
52	61	90 007	4 916,944	58 906,783	11,980	11,513
53	62	89 124	4 604,012	53 989,839	11,727	11,259
54	63	88 162	4 306,643	49 385,827	11,467	11,000
55	64	87 101	4 023,486	45 079,184	11,204	10,736
56	65	85 939	3 753,956	41 055,698	10,937	10,469
57	66	84 692	3 498,349	37 301,741	10,663	10,195
58	67	83 335	3 255,101	33 803,392	10,385	9,917
59	68	81 871	3 024,054	30 548,291	10,102	9,634
60	69	80 290	2 804,409	27 524,236	9,815	9,347
61	70	78 582	2 595,511	24 719,828	9,524	9,056
62	71	76 753	2 397,236	22 124,317	9,229	8,762
63	72	74 797	2 209,131	19 727,081	8,930	8,462
64	73	72 733	2 031,357	17 517,950	8,624	8,156
65	74	70 519	1 862,443	15 486,593	8,315	7,848
66	75	68 193	1 703,076	13 624,150	8,000	7,532
67	76	65 771	1 553,273	11 921,074	7,675	7,207
68	77	63 194	1 411,276	10 367,802	7,346	6,879
69	78	60 507	1 277,795	8 956,525	7,009	6,542
70	79	57 605	1 150,356	7 678,730	6,675	6,208
71	80	54 551	1 030,135	6 528,374	6,337	5,870
72	81	51 267	915,479	5 498,238	6,006	5,538
73	82	47 794	807,058	4 582,760	5,678	5,211
74	83	44 128	704,635	3 775,702	5,358	4,891
75	84	40 331	608,996	3 071,066	5,043	4,575
76	85	36 436	520,256	2 462,071	4,732	4,265
77	86	32 411	437,621	1 941,815	4,437	3,970
78	87	28 381	362,376	1 504,194	4,151	3,683
79	88	24 383	294,400	1 141,818	3,878	3,411
80	89	20 508	234,154	847,418	3,619	3,151
81	90	16 845	181,869	613,264	3,372	2,904
82	91	13 434	137,156	431,395	3,145	2,678
83	92	10 370	100,113	294,239	2,939	2,472
84	93	7 739	70,652	194,127	2,748	2,280
85	94	5 559	47,987	123,474	2,573	2,105
86	95	3 831	31,277	75,487	2,414	1,946
87	96	2 526	19,499	44,210	2,267	1,800
88	97	1 566	11,431	24,712	2,162	1,694
89	98	934	6,451	13,280	2,059	1,591
90	99	536	3,498	6,830	1,952	1,485
91	100	291	1,795	3,331	1,856	1,388

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	10	99 607	99 607,197	1 770 994,485	17,780	17,312
1	11	99 247	93 850,179	1 671 387,288	17,809	17,342
2	12	99 211	88 715,823	1 577 537,108	17,782	17,314
3	13	99 188	83 872,348	1 488 821,286	17,751	17,283
4	14	99 168	79 295,801	1 404 948,938	17,718	17,250
5	15	99 148	74 969,308	1 325 653,137	17,683	17,215
6	16	99 126	70 877,216	1 250 683,829	17,646	17,178
7	17	99 103	67 007,411	1 179 806,613	17,607	17,140
8	18	99 081	63 349,897	1 112 799,202	17,566	17,098
9	19	99 053	59 888,416	1 049 449,305	17,523	17,056
10	20	99 027	56 617,642	989 560,889	17,478	17,010
11	21	99 001	53 525,002	932 943,246	17,430	16,962
12	22	98 977	50 602,396	879 418,244	17,379	16,911
13	23	98 954	47 839,882	828 815,848	17,325	16,857
14	24	98 927	45 226,181	780 975,966	17,268	16,801
15	25	98 896	42 753,577	735 749,786	17,209	16,742
16	26	98 861	40 414,762	692 996,208	17,147	16,680
17	27	98 818	38 200,621	652 581,446	17,083	16,615
18	28	98 770	36 105,823	614 380,825	17,016	16,549
19	29	98 709	34 121,497	578 275,002	16,948	16,480
20	30	98 644	32 245,014	544 153,505	16,876	16,408
21	31	98 570	30 468,905	511 908,492	16,801	16,333
22	32	98 499	28 791,484	481 439,586	16,722	16,254
23	33	98 421	27 204,314	452 648,102	16,639	16,171
24	34	98 345	25 705,318	425 443,788	16,551	16,083
25	35	98 258	24 286,223	399 738,470	16,459	15,992
26	36	98 175	22 946,178	375 452,247	16,362	15,895
27	37	98 085	21 678,612	352 506,069	16,261	15,793
28	38	97 993	20 480,676	330 827,457	16,153	15,686
29	39	97 886	19 346,002	310 346,781	16,042	15,574
30	40	97 776	18 273,557	291 000,779	15,925	15,457
31	41	97 655	17 258,416	272 727,222	15,803	15,335
32	42	97 522	16 297,891	255 468,806	15,675	15,207
33	43	97 383	15 389,720	239 170,915	15,541	15,073
34	44	97 223	14 529,074	223 781,195	15,402	14,935
35	45	97 054	13 715,179	209 252,121	15,257	14,789
36	46	96 865	12 944,100	195 536,942	15,106	14,639
37	47	96 664	12 214,874	182 592,841	14,948	14,481
38	48	96 437	11 523,578	170 377,968	14,785	14,318
39	49	96 180	10 868,014	158 854,390	14,617	14,149
40	50	95 905	10 247,688	147 986,376	14,441	13,973
41	51	95 609	9 660,555	137 738,687	14,258	13,790
42	52	95 277	9 103,544	128 078,132	14,069	13,601
43	53	94 917	8 576,095	118 974,588	13,873	13,405
44	54	94 528	8 076,504	110 398,493	13,669	13,202
45	55	94 085	7 601,602	102 321,989	13,461	12,993
46	56	93 596	7 150,913	94 720,387	13,246	12,778
47	57	93 058	6 723,222	87 569,474	13,025	12,557
48	58	92 474	6 317,713	80 846,252	12,797	12,329
49	59	91 827	5 932,417	74 528,539	12,563	12,095
50	60	91 123	5 566,859	68 596,122	12,322	11,855
51	61	90 341	5 218,989	63 029,264	12,077	11,609
52	62	89 495	4 888,987	57 810,275	11,825	11,357
53	63	88 578	4 575,769	52 921,288	11,566	11,098
54	64	87 567	4 277,578	48 345,520	11,302	10,835
55	65	86 450	3 993,420	44 067,942	11,035	10,568
56	66	85 254	3 724,036	40 074,522	10,761	10,293
57	67	83 950	3 467,696	36 350,486	10,483	10,015
58	68	82 545	3 224,236	32 882,790	10,199	9,731
59	69	81 014	2 992,406	29 658,554	9,911	9,444
60	70	79 363	2 772,005	26 666,148	9,620	9,152
61	71	77 592	2 562,810	23 894,143	9,323	8,856
62	72	75 701	2 364,390	21 331,333	9,022	8,554
63	73	73 689	2 176,406	18 966,943	8,715	8,247
64	74	71 539	1 998,010	16 790,538	8,404	7,936
65	75	69 261	1 829,211	14 792,528	8,087	7,619
66	76	66 881	1 670,323	12 963,317	7,761	7,293
67	77	64 352	1 519,775	11 292,993	7,431	6,963
68	78	61 690	1 377,693	9 773,218	7,094	6,626
69	79	58 846	1 242,722	8 395,526	6,756	6,288
70	80	55 795	1 114,218	7 152,803	6,420	5,952
71	81	52 562	992,575	6 038,585	6,084	5,616
72	82	49 079	876,412	5 046,010	5,758	5,290
73	83	45 434	767,206	4 169,598	5,435	4,967
74	84	41 625	664,675	3 402,392	5,119	4,651
75	85	37 703	569,312	2 737,717	4,809	4,341
76	86	33 662	480,651	2 168,405	4,511	4,044
77	87	29 585	399,469	1 687,754	4,225	3,757
78	88	25 545	326,158	1 288,285	3,950	3,482
79	89	21 598	260,779	962,127	3,689	3,222
80	90	17 852	203,827	701,348	3,441	2,973
81	91	14 361	155,048	497,521	3,209	2,741
82	92	11 182	114,164	342,473	3,000	2,532
83	93	8 425	81,341	228,310	2,807	2,339
84	94	6 122	55,888	146,968	2,630	2,162
85	95	4 279	36,942	91,080	2,465	1,998
86	96	2 863	23,371	54,138	2,316	1,849
87	97	1 804	13,929	30,767	2,209	1,741
88	98	1 098	8,013	16,839	2,101	1,634
89	99	642	4,431	8,825	1,992	1,524
90	100	355	2,319	4,395	1,895	1,427

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	11	99 601	99 601,371	1 769 106,378	17,762	17,294
1	12	99 239	93 842,922	1 669 505,007	17,790	17,323
2	13	99 204	88 708,856	1 575 662,085	17,762	17,295
3	14	99 179	83 864,446	1 486 953,229	17,730	17,263
4	15	99 159	79 288,490	1 403 088,783	17,696	17,228
5	16	99 136	74 960,186	1 323 800,293	17,660	17,192
6	17	99 112	70 866,780	1 248 840,107	17,622	17,155
7	18	99 089	66 998,287	1 177 973,327	17,582	17,115
8	19	99 061	63 337,416	1 110 975,040	17,541	17,073
9	20	99 035	59 877,948	1 047 637,624	17,496	17,029
10	21	99 009	56 607,175	987 759,676	17,449	16,982
11	22	98 985	53 516,176	931 152,501	17,399	16,932
12	23	98 961	50 594,158	877 636,325	17,347	16,879
13	24	98 937	47 831,272	827 042,167	17,291	16,823
14	25	98 909	45 218,043	779 210,895	17,232	16,765
15	26	98 877	42 745,445	733 992,852	17,171	16,704
16	27	98 843	40 407,156	691 247,408	17,107	16,639
17	28	98 797	38 192,401	650 840,251	17,041	16,574
18	29	98 746	36 097,315	612 647,850	16,972	16,505
19	30	98 683	34 112,667	576 550,536	16,901	16,434
20	31	98 613	32 234,788	542 437,868	16,828	16,360
21	32	98 539	30 459,338	510 203,081	16,750	16,283
22	33	98 465	28 781,619	479 743,742	16,668	16,201
23	34	98 385	27 194,511	450 962,123	16,583	16,115
24	35	98 305	25 694,882	423 767,612	16,492	16,025
25	36	98 218	24 276,214	398 072,730	16,398	15,930
26	37	98 130	22 935,657	373 796,516	16,298	15,830
27	38	98 038	21 668,322	350 860,859	16,192	15,725
28	39	97 934	20 468,321	329 192,537	16,083	15,615
29	40	97 828	19 334,372	308 724,216	15,968	15,500
30	41	97 709	18 261,027	289 389,843	15,847	15,380
31	42	97 582	17 245,641	271 128,817	15,722	15,254
32	43	97 445	16 284,954	253 883,176	15,590	15,122
33	44	97 295	15 375,746	237 598,222	15,453	14,985
34	45	97 129	14 514,972	222 222,476	15,310	14,842
35	46	96 942	13 699,376	207 707,504	15,162	14,694
36	47	96 747	12 928,341	194 008,128	15,006	14,539
37	48	96 531	12 198,136	181 079,787	14,845	14,377
38	49	96 283	11 505,209	168 881,652	14,679	14,211
39	50	96 012	10 849,016	157 376,443	14,506	14,038
40	51	95 727	10 228,697	146 527,427	14,325	13,858
41	52	95 404	9 639,855	136 298,729	14,139	13,672
42	53	95 054	9 082,306	126 658,874	13,946	13,478
43	54	94 674	8 554,074	117 576,568	13,745	13,278
44	55	94 255	8 053,174	109 022,494	13,538	13,070
45	56	93 780	7 576,931	100 969,320	13,326	12,858
46	57	93 262	7 125,334	93 392,389	13,107	12,640
47	58	92 693	6 696,839	86 267,055	12,882	12,414
48	59	92 071	6 290,235	79 570,216	12,650	12,182
49	60	91 395	5 904,497	73 279,981	12,411	11,943
50	61	90 642	5 537,488	67 375,484	12,167	11,700
51	62	89 827	5 189,314	61 837,996	11,916	11,449
52	63	88 946	4 858,995	56 648,682	11,659	11,191
53	64	87 980	4 544,887	51 789,686	11,395	10,928
54	65	86 912	4 245,613	47 244,799	11,128	10,660
55	66	85 761	3 961,591	42 999,186	10,854	10,386
56	67	84 507	3 691,405	39 037,595	10,575	10,108
57	68	83 154	3 434,815	35 346,190	10,291	9,823
58	69	81 681	3 190,492	31 911,375	10,002	9,534
59	70	80 078	2 957,830	28 720,883	9,710	9,243
60	71	78 363	2 737,081	25 763,054	9,413	8,945
61	72	76 529	2 527,695	23 025,973	9,109	8,642
62	73	74 580	2 329,365	20 498,277	8,800	8,332
63	74	72 479	2 140,678	18 168,913	8,487	8,020
64	75	70 262	1 962,359	16 028,235	8,168	7,700
65	76	67 929	1 794,033	14 065,876	7,840	7,373
66	77	65 439	1 634,301	12 271,843	7,509	7,041
67	78	62 821	1 483,610	10 637,542	7,170	6,702
68	79	59 997	1 339,878	9 153,933	6,832	6,364
69	80	56 998	1 203,683	7 814,055	6,492	6,024
70	81	53 761	1 073,592	6 610,372	6,157	5,690
71	82	50 319	950,218	5 536,779	5,827	5,359
72	83	46 655	833,135	4 586,561	5,505	5,038
73	84	42 857	723,697	3 753,426	5,186	4,719
74	85	38 913	621,362	3 029,729	4,876	4,408
75	86	34 833	525,973	2 408,367	4,579	4,111
76	87	30 727	438,748	1 882,394	4,290	3,823
77	88	26 628	359,544	1 443,645	4,015	3,548
78	89	22 627	288,910	1 084,101	3,752	3,285
79	90	18 801	227,003	795,191	3,503	3,035
80	91	15 219	173,767	568,188	3,270	2,802
81	92	11 953	129,056	394,421	3,056	2,589
82	93	9 085	92,758	265,364	2,861	2,393
83	94	6 665	64,343	172,606	2,683	2,215
84	95	4 713	43,024	108,263	2,516	2,049
85	96	3 197	27,604	65,239	2,363	1,896
86	97	2 045	16,695	37,635	2,254	1,787
87	98	1 265	9,764	20,940	2,145	1,677
88	99	754	5,504	11,176	2,031	1,563
89	100	426	2,938	5,672	1,931	1,463

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 594	99 593,669	1 767 083,306	17,743	17,275
1	13	99 231	93 835,553	1 667 489,637	17,770	17,303
2	14	99 194	88 700,499	1 573 654,084	17,741	17,274
3	15	99 170	83 856,713	1 484 953,585	17,708	17,241
4	16	99 147	79 278,843	1 401 096,872	17,673	17,205
5	17	99 122	74 949,149	1 321 818,029	17,636	17,169
6	18	99 098	70 857,130	1 246 868,880	17,597	17,129
7	19	99 070	66 985,087	1 176 011,750	17,556	17,089
8	20	99 044	63 326,345	1 109 026,663	17,513	17,045
9	21	99 017	59 866,878	1 045 700,317	17,467	17,000
10	22	98 993	56 597,841	985 833,440	17,418	16,951
11	23	98 969	53 507,463	929 235,599	17,366	16,899
12	24	98 943	50 585,053	875 728,136	17,312	16,844
13	25	98 919	47 822,666	825 143,083	17,254	16,787
14	26	98 890	45 209,441	777 320,418	17,194	16,726
15	27	98 858	42 737,400	732 110,977	17,130	16,663
16	28	98 821	40 398,461	689 373,577	17,064	16,597
17	29	98 774	38 183,401	648 975,115	16,996	16,529
18	30	98 721	36 087,974	610 791,714	16,925	16,457
19	31	98 652	34 101,849	574 703,740	16,853	16,385
20	32	98 582	32 224,666	540 601,891	16,776	16,308
21	33	98 505	30 448,902	508 377,225	16,696	16,229
22	34	98 430	28 771,248	477 928,323	16,611	16,144
23	35	98 345	27 183,471	449 157,075	16,523	16,056
24	36	98 264	25 684,293	421 973,604	16,429	15,962
25	37	98 173	24 265,083	396 289,312	16,332	15,864
26	38	98 083	22 924,770	372 024,229	16,228	15,760
27	39	97 979	21 655,251	349 099,458	16,121	15,653
28	40	97 875	20 456,017	327 444,208	16,007	15,540
29	41	97 760	19 321,115	306 988,191	15,889	15,421
30	42	97 637	18 247,509	287 667,076	15,765	15,297
31	43	97 505	17 231,952	269 419,567	15,635	15,167
32	44	97 356	16 270,166	252 187,616	15,500	15,032
33	45	97 200	15 360,822	235 917,449	15,358	14,891
34	46	97 017	14 498,247	220 556,627	15,213	14,745
35	47	96 824	13 682,697	206 058,380	15,060	14,592
36	48	96 614	12 910,625	192 375,683	14,901	14,433
37	49	96 377	12 178,691	179 465,058	14,736	14,268
38	50	96 115	11 485,097	167 286,367	14,566	14,098
39	51	95 834	10 828,911	155 801,270	14,388	13,920
40	52	95 522	10 206,780	144 972,359	14,204	13,736
41	53	95 181	9 617,366	134 765,579	14,013	13,545
42	54	94 810	9 058,985	125 148,213	13,815	13,347
43	55	94 400	8 529,364	116 089,227	13,611	13,143
44	56	93 949	8 027,037	107 559,863	13,400	12,932
45	57	93 445	7 549,829	99 532,826	13,183	12,716
46	58	92 896	7 097,374	91 982,997	12,960	12,493
47	59	92 290	6 667,712	84 885,623	12,731	12,263
48	60	91 638	6 260,631	78 217,911	12,494	12,026
49	61	90 913	5 873,345	71 957,281	12,251	11,784
50	62	90 127	5 506,003	66 083,936	12,002	11,535
51	63	89 276	5 157,480	60 577,933	11,746	11,278
52	64	88 346	4 826,202	55 420,453	11,483	11,016
53	65	87 322	4 510,925	50 594,250	11,216	10,748
54	66	86 219	4 211,773	46 083,325	10,942	10,474
55	67	85 010	3 926,879	41 871,552	10,663	10,195
56	68	83 706	3 656,403	37 944,673	10,378	9,910
57	69	82 284	3 398,867	34 288,270	10,088	9,621
58	70	80 737	3 153,627	30 889,403	9,795	9,327
59	71	79 070	2 920,565	27 735,776	9,497	9,029
60	72	77 289	2 699,578	24 815,211	9,192	8,725
61	73	75 396	2 490,251	22 115,633	8,881	8,413
62	74	73 355	2 291,125	19 625,382	8,566	8,098
63	75	71 186	2 102,481	17 334,257	8,245	7,777
64	76	68 911	1 924,620	15 231,776	7,914	7,447
65	77	66 464	1 755,343	13 307,155	7,581	7,113
66	78	63 882	1 595,411	11 551,813	7,241	6,773
67	79	61 097	1 442,887	9 956,402	6,900	6,433
68	80	58 112	1 297,786	8 513,515	6,560	6,092
69	81	54 920	1 159,795	7 215,728	6,222	5,754
70	82	51 467	1 027,778	6 055,933	5,892	5,425
71	83	47 834	903,297	5 028,155	5,566	5,099
72	84	44 010	785,887	4 124,858	5,249	4,781
73	85	40 065	676,539	3 338,971	4,935	4,468
74	86	35 951	574,061	2 662,433	4,638	4,170
75	87	31 796	480,119	2 088,371	4,350	3,882
76	88	27 656	394,897	1 608,253	4,073	3,605
77	89	23 587	318,483	1 213,355	3,810	3,342
78	90	19 697	251,491	894,872	3,558	3,091
79	91	16 028	193,526	643,381	3,325	2,857
80	92	12 668	144,638	449,855	3,110	2,643
81	93	9 712	104,858	305,217	2,911	2,443
82	94	7 187	73,374	200,359	2,731	2,263
83	95	5 131	49,534	126,985	2,564	2,096
84	96	3 521	32,149	77,452	2,409	1,942
85	97	2 284	19,719	45,303	2,297	1,830
86	98	1 434	11,703	25,584	2,186	1,719
87	99	869	6,707	13,881	2,070	1,602
88	100	500	3,649	7,175	1,966	1,498

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 586	99 585,848	1 764 919,527	17,723	17,255
1	14	99 222	93 826,712	1 665 333,679	17,749	17,281
2	15	99 185	88 692,320	1 571 506,966	17,719	17,251
3	16	99 158	83 846,511	1 482 814,646	17,685	17,217
4	17	99 132	79 267,169	1 398 968,136	17,649	17,181
5	18	99 108	74 938,943	1 319 700,966	17,610	17,143
6	19	99 079	70 843,170	1 244 762,023	17,571	17,103
7	20	99 052	66 973,379	1 173 918,853	17,528	17,061
8	21	99 026	63 314,638	1 106 945,474	17,483	17,016
9	22	99 001	59 857,006	1 043 630,836	17,435	16,968
10	23	98 977	56 588,626	983 773,830	17,385	16,917
11	24	98 951	53 497,834	927 185,204	17,331	16,864
12	25	98 926	50 575,950	873 687,371	17,275	16,807
13	26	98 900	47 813,569	823 111,420	17,215	16,747
14	27	98 872	45 200,933	775 297,852	17,152	16,685
15	28	98 837	42 728,204	730 096,919	17,087	16,619
16	29	98 798	40 388,942	687 368,715	17,019	16,551
17	30	98 748	38 173,520	646 979,773	16,948	16,481
18	31	98 690	36 076,529	608 806,253	16,875	16,408
19	32	98 621	34 091,141	572 729,723	16,800	16,332
20	33	98 548	32 213,625	538 638,582	16,721	16,253
21	34	98 470	30 437,930	506 424,957	16,638	16,170
22	35	98 390	28 759,567	475 987,027	16,551	16,083
23	36	98 305	27 172,267	447 227,460	16,459	15,991
24	37	98 219	25 672,516	420 055,192	16,362	15,894
25	38	98 126	24 253,565	394 382,676	16,261	15,793
26	39	98 024	22 910,941	370 129,111	16,155	15,688
27	40	97 920	21 642,233	347 218,170	16,044	15,576
28	41	97 808	20 441,990	325 575,937	15,927	15,459
29	42	97 688	19 306,812	305 133,947	15,804	15,337
30	43	97 560	18 233,025	285 827,135	15,676	15,209
31	44	97 416	17 216,304	267 594,110	15,543	15,075
32	45	97 262	16 254,375	250 377,806	15,404	14,936
33	46	97 088	15 343,123	234 123,432	15,259	14,792
34	47	96 899	14 480,596	218 780,309	15,109	14,641
35	48	96 692	13 663,948	204 299,713	14,952	14,484
36	49	96 460	12 890,045	190 635,765	14,789	14,322
37	50	96 209	12 157,402	177 745,721	14,620	14,153
38	51	95 936	11 463,813	165 588,319	14,444	13,977
39	52	95 629	10 805,708	154 124,506	14,263	13,796
40	53	95 299	10 182,968	143 318,798	14,074	13,607
41	54	94 937	9 592,672	133 135,830	13,879	13,411
42	55	94 536	9 032,817	123 543,158	13,677	13,210
43	56	94 094	8 501,683	114 510,342	13,469	13,002
44	57	93 613	7 998,325	106 008,659	13,254	12,786
45	58	93 078	7 520,202	98 010,334	13,033	12,565
46	59	92 492	7 066,504	90 490,132	12,806	12,338
47	60	91 856	6 636,331	83 423,627	12,571	12,103
48	61	91 155	6 227,600	76 787,296	12,330	11,863
49	62	90 396	5 839,950	70 559,696	12,082	11,615
50	63	89 574	5 472,226	64 719,747	11,827	11,359
51	64	88 674	5 122,673	59 247,520	11,566	11,098
52	65	87 685	4 790,138	54 124,847	11,299	10,832
53	66	86 626	4 474,971	49 334,709	11,025	10,557
54	67	85 464	4 174,869	44 859,738	10,745	10,278
55	68	84 204	3 889,644	40 684,869	10,460	9,992
56	69	82 830	3 618,136	36 795,225	10,170	9,702
57	70	81 333	3 359,594	33 177,089	9,875	9,408
58	71	79 720	3 113,895	29 817,495	9,576	9,108
59	72	77 986	2 880,548	26 703,600	9,270	8,803
60	73	76 144	2 659,588	23 823,052	8,957	8,490
61	74	74 158	2 449,371	21 163,464	8,640	8,173
62	75	72 047	2 250,244	18 714,094	8,316	7,849
63	76	69 817	2 062,047	16 463,849	7,984	7,517
64	77	67 425	1 883,114	14 401,802	7,648	7,180
65	78	64 882	1 713,572	12 518,688	7,306	6,838
66	79	62 128	1 551,620	10 805,116	6,964	6,496
67	80	59 177	1 397,560	9 253,496	6,621	6,154
68	81	55 994	1 250,467	7 855,936	6,282	5,815
69	82	52 576	1 110,302	6 605,469	5,949	5,482
70	83	48 925	977,027	5 495,167	5,624	5,157
71	84	45 121	852,070	4 518,140	5,303	4,835
72	85	41 142	734,676	3 666,070	4,990	4,522
73	86	37 015	625,037	2 931,394	4,690	4,222
74	87	32 816	524,015	2 306,356	4,401	3,934
75	88	28 618	432,133	1 782,342	4,125	3,657
76	89	24 498	349,799	1 350,209	3,860	3,392
77	90	20 532	277,234	1 000,409	3,609	3,141
78	91	16 792	214,402	723,175	3,373	2,905
79	92	13 341	161,084	508,773	3,158	2,691
80	93	10 293	117,518	347,689	2,959	2,491
81	94	7 683	82,945	230,171	2,775	2,307
82	95	5 533	56,486	147,226	2,606	2,139
83	96	3 834	37,013	90,740	2,452	1,984
84	97	2 516	22,965	53,727	2,339	1,872
85	98	1 601	13,823	30,762	2,225	1,758
86	99	985	8,038	16,939	2,107	1,640
87	100	576	4,447	8,901	2,002	1,534

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,466	1 762 607,173	17,701	17,233
1	15	99 213	93 818,061	1 663 030,707	17,726	17,259
2	16	99 173	88 681,529	1 569 212,646	17,695	17,227
3	17	99 143	83 834,165	1 480 531,117	17,660	17,193
4	18	99 119	79 256,376	1 396 696,953	17,623	17,155
5	19	99 089	74 924,179	1 317 440,577	17,584	17,116
6	20	99 061	70 830,787	1 242 516,398	17,542	17,074
7	21	99 034	66 960,997	1 171 685,610	17,498	17,030
8	22	99 009	63 304,197	1 104 724,613	17,451	16,983
9	23	98 985	59 847,261	1 041 420,416	17,401	16,934
10	24	98 959	56 578,442	981 573,155	17,349	16,881
11	25	98 933	53 488,207	924 994,713	17,293	16,826
12	26	98 907	50 566,330	871 506,506	17,235	16,767
13	27	98 881	47 804,570	820 940,176	17,173	16,705
14	28	98 851	45 191,206	773 135,606	17,108	16,641
15	29	98 814	42 718,135	727 944,399	17,041	16,573
16	30	98 773	40 378,490	685 226,264	16,970	16,503
17	31	98 717	38 161,415	644 847,774	16,898	16,430
18	32	98 659	36 065,201	606 686,359	16,822	16,354
19	33	98 587	34 079,461	570 621,158	16,744	16,276
20	34	98 512	32 202,017	536 541,698	16,662	16,194
21	35	98 430	30 425,573	504 339,680	16,576	16,109
22	36	98 349	28 747,715	473 914,108	16,485	16,018
23	37	98 260	27 159,809	445 166,393	16,391	15,923
24	38	98 173	25 660,330	418 006,584	16,290	15,822
25	39	98 067	24 238,934	392 346,254	16,187	15,719
26	40	97 965	22 897,168	368 107,319	16,077	15,609
27	41	97 853	21 627,393	345 210,151	15,962	15,494
28	42	97 735	20 426,858	323 582,758	15,841	15,373
29	43	97 611	19 291,487	303 155,901	15,714	15,247
30	44	97 471	18 216,468	283 864,414	15,583	15,115
31	45	97 322	17 199,594	265 647,946	15,445	14,977
32	46	97 150	16 235,646	248 448,351	15,303	14,835
33	47	96 970	15 324,442	232 212,706	15,153	14,686
34	48	96 766	14 460,753	216 888,263	14,998	14,531
35	49	96 538	13 642,167	202 427,510	14,838	14,371
36	50	96 292	12 867,512	188 785,344	14,671	14,204
37	51	96 030	12 134,872	175 917,832	14,497	14,029
38	52	95 731	11 439,249	163 782,960	14,318	13,850
39	53	95 406	10 780,498	152 343,710	14,131	13,664
40	54	95 055	10 156,822	141 563,212	13,938	13,470
41	55	94 663	9 564,961	131 406,390	13,738	13,271
42	56	94 230	9 003,501	121 841,429	13,533	13,065
43	57	93 757	8 471,272	112 837,928	13,320	12,852
44	58	93 246	7 966,939	104 366,656	13,100	12,632
45	59	92 673	7 487,494	96 399,717	12,875	12,407
46	60	92 056	7 033,247	88 912,223	12,642	12,174
47	61	91 371	6 601,318	81 878,976	12,403	11,936
48	62	90 636	6 192,190	75 277,658	12,157	11,689
49	63	89 841	5 804,125	69 085,468	11,903	11,435
50	64	88 970	5 435,295	63 281,343	11,643	11,175
51	65	88 011	5 084,393	57 846,048	11,377	10,910
52	66	86 987	4 751,958	52 761,655	11,103	10,636
53	67	85 867	4 435,761	48 009,696	10,823	10,356
54	68	84 654	4 135,282	43 573,935	10,537	10,070
55	69	83 322	3 848,936	39 438,653	10,247	9,779
56	70	81 873	3 576,330	35 589,717	9,951	9,484
57	71	80 309	3 317,268	32 013,388	9,651	9,183
58	72	78 627	3 071,229	28 696,120	9,344	8,876
59	73	76 831	2 837,876	25 624,891	9,030	8,562
60	74	74 894	2 615,927	22 787,014	8,711	8,243
61	75	72 835	2 405,666	20 171,087	8,385	7,917
62	76	70 661	2 206,969	17 765,421	8,050	7,582
63	77	68 312	2 017,577	15 558,451	7,711	7,244
64	78	65 820	1 838,302	13 540,874	7,366	6,898
65	79	63 101	1 666,538	11 702,572	7,022	6,555
66	80	60 177	1 502,876	10 036,034	6,678	6,210
67	81	57 020	1 346,603	8 533,157	6,337	5,869
68	82	53 604	1 197,105	7 186,555	6,003	5,536
69	83	49 980	1 055,476	5 989,450	5,675	5,207
70	84	46 151	921,619	4 933,973	5,354	4,886
71	85	42 181	796,547	4 012,355	5,037	4,570
72	86	38 010	678,749	3 215,808	4,738	4,270
73	87	33 788	570,547	2 537,059	4,447	3,979
74	88	29 537	471,642	1 966,513	4,170	3,702
75	89	25 350	382,783	1 494,871	3,905	3,438
76	90	21 325	304,494	1 112,088	3,652	3,185
77	91	17 504	236,349	807,594	3,417	2,949
78	92	13 977	178,461	571,246	3,201	2,733
79	93	10 840	130,881	392,785	3,001	2,534
80	94	8 142	92,960	261,904	2,817	2,350
81	95	5 914	63,854	168,944	2,646	2,178
82	96	4 134	42,207	105,090	2,490	2,022
83	97	2 739	26,440	62,883	2,378	1,911
84	98	1 763	16,098	36,443	2,264	1,796
85	99	1 100	9,494	20,344	2,143	1,675
86	100	653	5,330	10,850	2,036	1,568

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 567	99 567,285	1 760 139,509	17,678	17,210
1	16	99 201	93 806,646	1 660 572,224	17,702	17,234
2	17	99 159	88 668,471	1 566 765,578	17,670	17,202
3	18	99 130	83 822,749	1 478 097,107	17,634	17,166
4	19	99 099	79 240,761	1 394 274,357	17,595	17,128
5	20	99 071	74 911,083	1 315 033,596	17,555	17,087
6	21	99 043	70 817,692	1 240 122,513	17,511	17,044
7	22	99 018	66 949,955	1 169 304,821	17,465	16,998
8	23	98 993	63 293,891	1 102 354,865	17,416	16,949
9	24	98 967	59 836,490	1 039 060,974	17,365	16,897
10	25	98 941	56 568,262	979 224,484	17,310	16,843
11	26	98 914	53 478,033	922 656,223	17,253	16,785
12	27	98 888	50 556,813	869 178,190	17,192	16,725
13	28	98 860	47 794,283	818 621,377	17,128	16,660
14	29	98 827	45 180,557	770 827,093	17,061	16,593
15	30	98 788	42 707,081	725 646,536	16,991	16,524
16	31	98 741	40 365,685	682 939,455	16,919	16,451
17	32	98 686	38 149,432	642 573,770	16,844	16,376
18	33	98 625	36 052,844	604 424,338	16,765	16,297
19	34	98 552	34 067,181	568 371,494	16,684	16,216
20	35	98 472	32 188,943	534 304,313	16,599	16,131
21	36	98 389	30 413,033	502 115,370	16,510	16,042
22	37	98 304	28 734,534	471 702,336	16,416	15,948
23	38	98 213	27 146,917	442 967,802	16,317	15,850
24	39	98 114	25 644,851	415 820,885	16,215	15,747
25	40	98 008	24 224,363	390 176,034	16,107	15,639
26	41	97 898	22 881,467	365 951,671	15,993	15,526
27	42	97 781	21 611,383	343 070,204	15,875	15,407
28	43	97 658	20 410,644	321 458,821	15,750	15,282
29	44	97 522	19 273,969	301 048,177	15,619	15,152
30	45	97 376	18 198,787	281 774,208	15,483	15,016
31	46	97 210	17 179,776	263 575,420	15,342	14,875
32	47	97 031	16 215,879	246 395,644	15,195	14,727
33	48	96 837	15 303,443	230 179,765	15,041	14,573
34	49	96 612	14 437,702	214 876,322	14,883	14,415
35	50	96 369	13 618,319	200 438,620	14,718	14,251
36	51	96 113	12 843,666	186 820,301	14,546	14,078
37	52	95 825	12 108,871	173 976,635	14,368	13,900
38	53	95 507	11 412,562	161 867,765	14,183	13,716
39	54	95 161	10 752,817	150 455,203	13,992	13,525
40	55	94 780	10 127,482	139 702,386	13,794	13,327
41	56	94 355	9 533,919	129 574,904	13,591	13,123
42	57	93 893	8 971,296	120 040,985	13,381	12,913
43	58	93 389	8 438,030	111 069,689	13,163	12,695
44	59	92 840	7 932,287	102 631,659	12,938	12,471
45	60	92 237	7 452,255	94 699,372	12,707	12,240
46	61	91 571	6 996,140	87 247,117	12,471	12,003
47	62	90 851	6 563,784	80 250,977	12,226	11,759
48	63	90 080	6 154,205	73 687,193	11,973	11,506
49	64	89 235	5 764,954	67 532,989	11,714	11,247
50	65	88 305	5 394,679	61 768,035	11,450	10,982
51	66	87 310	5 043,868	56 373,356	11,177	10,709
52	67	86 224	4 710,321	51 329,488	10,897	10,430
53	68	85 053	4 393,700	46 619,167	10,610	10,143
54	69	83 768	4 092,004	42 225,467	10,319	9,851
55	70	82 360	3 804,463	38 133,463	10,023	9,556
56	71	80 841	3 531,272	34 329,000	9,721	9,254
57	72	79 208	3 271,815	30 797,728	9,413	8,945
58	73	77 463	3 025,734	27 525,913	9,097	8,630
59	74	75 570	2 791,289	24 500,179	8,777	8,310
60	75	73 558	2 569,251	21 708,890	8,450	7,982
61	76	71 434	2 359,402	19 139,639	8,112	7,644
62	77	69 137	2 159,374	16 780,237	7,771	7,303
63	78	66 686	1 969,566	14 620,863	7,423	6,956
64	79	64 014	1 787,845	12 651,297	7,076	6,609
65	80	61 119	1 614,184	10 863,452	6,730	6,262
66	81	57 983	1 448,079	9 249,268	6,387	5,920
67	82	54 586	1 289,138	7 801,189	6,051	5,584
68	83	50 957	1 137,993	6 512,051	5,722	5,255
69	84	47 145	995,619	5 374,058	5,398	4,930
70	85	43 143	861,563	4 378,439	5,082	4,614
71	86	38 970	735,910	3 516,876	4,779	4,311
72	87	34 696	619,576	2 780,966	4,488	4,021
73	88	30 411	513,523	2 161,390	4,209	3,741
74	89	26 163	417,779	1 647,867	3,944	3,477
75	90	22 067	333,205	1 230,088	3,692	3,224
76	91	18 180	259,588	896,883	3,455	2,987
77	92	14 570	196,729	637,294	3,239	2,772
78	93	11 356	144,999	440,566	3,038	2,571
79	94	8 575	103,530	295,566	2,855	2,387
80	95	6 268	71,564	192,036	2,683	2,216
81	96	4 419	47,713	120,473	2,525	2,057
82	97	2 953	30,151	72,759	2,413	1,946
83	98	1 920	18,534	42,609	2,299	1,831
84	99	1 211	11,058	24,075	2,177	1,710
85	100	729	6,295	13,017	2,068	1,600

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 555	99 555,170	1 757 507,582	17,654	17,186
1	17	99 186	93 792,834	1 657 952,411	17,677	17,209
2	18	99 145	88 656,398	1 564 159,577	17,643	17,175
3	19	99 110	83 806,235	1 475 503,180	17,606	17,139
4	20	99 082	79 226,911	1 391 696,945	17,566	17,098
5	21	99 053	74 897,234	1 312 470,034	17,524	17,056
6	22	99 027	70 806,015	1 237 572,801	17,478	17,011
7	23	99 002	66 939,055	1 166 766,786	17,430	16,963
8	24	98 975	63 282,500	1 099 827,731	17,380	16,912
9	25	98 949	59 825,723	1 036 545,231	17,326	16,859
10	26	98 922	56 557,501	976 719,507	17,269	16,802
11	27	98 896	53 467,968	920 162,006	17,210	16,742
12	28	98 867	50 545,934	866 694,038	17,147	16,679
13	29	98 837	47 783,021	816 148,104	17,080	16,613
14	30	98 802	45 168,866	768 365,083	17,011	16,543
15	31	98 757	42 693,537	723 196,217	16,939	16,472
16	32	98 710	40 353,011	680 502,679	16,864	16,396
17	33	98 652	38 136,361	640 149,669	16,786	16,318
18	34	98 589	36 039,853	602 013,308	16,704	16,237
19	35	98 512	34 053,350	565 973,455	16,620	16,153
20	36	98 432	32 175,677	531 920,105	16,532	16,064
21	37	98 344	30 399,089	499 744,428	16,439	15,972
22	38	98 258	28 720,895	469 345,339	16,342	15,874
23	39	98 154	27 130,541	440 624,444	16,241	15,773
24	40	98 055	25 629,435	413 493,904	16,134	15,666
25	41	97 941	24 207,753	387 864,469	16,022	15,555
26	42	97 825	22 864,529	363 656,716	15,905	15,437
27	43	97 703	21 594,229	340 792,187	15,782	15,314
28	44	97 569	20 392,110	319 197,958	15,653	15,185
29	45	97 427	19 255,262	298 805,849	15,518	15,051
30	46	97 264	18 177,818	279 550,587	15,379	14,911
31	47	97 091	17 158,860	261 372,768	15,233	14,765
32	48	96 898	16 193,658	244 213,909	15,081	14,613
33	49	96 683	15 279,049	228 020,251	14,924	14,456
34	50	96 443	14 412,464	212 741,202	14,761	14,293
35	51	96 190	13 593,082	198 328,738	14,590	14,123
36	52	95 907	12 816,146	184 735,657	14,414	13,947
37	53	95 601	12 080,621	171 919,511	14,231	13,763
38	54	95 262	11 383,258	159 838,890	14,042	13,574
39	55	94 886	10 721,756	148 455,632	13,846	13,379
40	56	94 472	10 094,614	137 733,876	13,644	13,177
41	57	94 018	9 499,816	127 639,262	13,436	12,968
42	58	93 524	8 936,091	118 139,446	13,220	12,753
43	59	92 983	8 401,330	109 203,354	12,998	12,531
44	60	92 403	7 894,955	100 802,025	12,768	12,300
45	61	91 750	7 412,937	92 907,070	12,533	12,066
46	62	91 050	6 956,360	85 494,133	12,290	11,822
47	63	90 294	6 523,519	78 537,772	12,039	11,572
48	64	89 472	6 112,671	72 014,254	11,781	11,314
49	65	88 568	5 721,874	65 901,583	11,517	11,050
50	66	87 601	5 351,681	60 179,709	11,245	10,777
51	67	86 545	4 999,673	54 828,028	10,966	10,499
52	68	85 407	4 665,657	49 828,355	10,680	10,212
53	69	84 163	4 347,717	45 162,698	10,388	9,920
54	70	82 800	4 044,722	40 814,981	10,091	9,623
55	71	81 322	3 756,531	36 770,259	9,788	9,321
56	72	79 733	3 482,888	33 013,728	9,479	9,011
57	73	78 035	3 223,348	29 530,840	9,162	8,694
58	74	76 191	2 976,063	26 307,492	8,840	8,372
59	75	74 221	2 741,484	23 331,429	8,511	8,043
60	76	72 143	2 519,841	20 589,946	8,171	7,704
61	77	69 893	2 308,519	18 070,105	7,828	7,360
62	78	67 492	2 107,988	15 761,586	7,477	7,009
63	79	64 856	1 915,506	13 653,597	7,128	6,660
64	80	62 003	1 731,681	11 738,092	6,778	6,311
65	81	58 891	1 555,329	10 006,411	6,434	5,966
66	82	55 508	1 386,284	8 451,083	6,096	5,629
67	83	51 891	1 225,482	7 064,799	5,765	5,297
68	84	48 067	1 073,456	5 839,317	5,440	4,972
69	85	44 073	930,741	4 765,861	5,121	4,653
70	86	39 859	795,977	3 835,120	4,818	4,351
71	87	35 573	671,753	3 039,143	4,524	4,057
72	88	31 228	557,652	2 367,390	4,245	3,778
73	89	26 938	454,878	1 809,738	3,979	3,511
74	90	22 775	363,669	1 354,860	3,726	3,258
75	91	18 813	284,066	991,191	3,489	3,022
76	92	15 132	216,072	707,125	3,273	2,805
77	93	11 838	159,842	491,053	3,072	2,605
78	94	8 983	114,698	331,211	2,888	2,420
79	95	6 601	79,701	216,513	2,717	2,249
80	96	4 684	53,474	136,812	2,558	2,091
81	97	3 157	34,084	83,338	2,445	1,978
82	98	2 070	21,135	49,254	2,330	1,863
83	99	1 319	12,731	28,119	2,209	1,741
84	100	803	7,332	15,389	2,099	1,631

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 541	99 540,511	1 754 705,280	17,628	17,160
1	18	99 172	93 780,063	1 655 164,768	17,649	17,182
2	19	99 125	88 638,931	1 561 384,706	17,615	17,148
3	20	99 093	83 791,586	1 472 745,775	17,576	17,109
4	21	99 064	79 212,263	1 388 954,189	17,535	17,067
5	22	99 037	74 884,883	1 309 741,925	17,490	17,022
6	23	99 011	70 794,487	1 234 857,042	17,443	16,975
7	24	98 984	66 927,009	1 164 062,555	17,393	16,925
8	25	98 957	63 271,113	1 097 135,547	17,340	16,873
9	26	98 930	59 814,343	1 033 864,433	17,285	16,817
10	27	98 904	56 546,857	974 050,090	17,226	16,758
11	28	98 875	53 456,463	917 503,233	17,164	16,696
12	29	98 844	50 534,024	864 046,770	17,098	16,631
13	30	98 811	47 770,656	813 512,747	17,030	16,562
14	31	98 770	45 154,542	765 742,091	16,958	16,491
15	32	98 726	42 680,132	720 587,549	16,883	16,416
16	33	98 676	40 339,184	677 907,417	16,805	16,338
17	34	98 616	38 122,619	637 568,233	16,724	16,257
18	35	98 549	36 025,221	599 445,614	16,640	16,172
19	36	98 471	34 039,315	563 420,393	16,552	16,084
20	37	98 387	32 160,925	529 381,078	16,460	15,993
21	38	98 297	30 384,660	497 220,153	16,364	15,897
22	39	98 198	28 703,569	466 835,493	16,264	15,796
23	40	98 095	27 114,231	438 131,925	16,159	15,691
24	41	97 987	25 611,861	411 017,693	16,048	15,580
25	42	97 868	24 189,833	385 405,833	15,933	15,465
26	43	97 748	22 846,380	361 216,000	15,811	15,343
27	44	97 614	21 574,620	338 369,620	15,684	15,216
28	45	97 474	20 372,317	316 795,000	15,550	15,083
29	46	97 315	19 233,076	296 422,682	15,412	14,945
30	47	97 146	18 155,686	277 189,607	15,267	14,800
31	48	96 958	17 135,347	259 033,920	15,117	14,649
32	49	96 744	16 167,845	241 898,574	14,962	14,494
33	50	96 514	15 252,340	225 730,729	14,800	14,332
34	51	96 264	14 385,754	210 478,389	14,631	14,163
35	52	95 984	13 563,956	196 092,635	14,457	13,989
36	53	95 683	12 786,246	182 528,679	14,275	13,808
37	54	95 356	12 049,602	169 742,433	14,087	13,619
38	55	94 987	11 350,375	157 692,831	13,893	13,426
39	56	94 578	10 686,959	146 342,455	13,694	13,226
40	57	94 134	10 058,506	135 655,497	13,487	13,019
41	58	93 649	9 462,538	125 596,991	13,273	12,806
42	59	93 117	8 897,225	116 134,453	13,053	12,585
43	60	92 546	8 361,790	107 237,228	12,825	12,357
44	61	91 916	7 853,301	98 875,439	12,590	12,123
45	62	91 229	7 370,788	91 022,137	12,349	11,881
46	63	90 491	6 913,687	83 651,349	12,099	11,632
47	64	89 685	6 479,492	76 737,662	11,843	11,376
48	65	88 804	6 066,993	70 258,170	11,580	11,113
49	66	87 862	5 676,268	64 191,177	11,309	10,841
50	67	86 833	5 304,789	58 514,909	11,031	10,563
51	68	85 724	4 952,265	53 210,120	10,745	10,277
52	69	84 513	4 616,828	48 257,855	10,453	9,985
53	70	83 191	4 297,481	43 641,027	10,155	9,687
54	71	81 757	3 993,764	39 343,546	9,851	9,384
55	72	80 208	3 705,060	35 349,783	9,541	9,073
56	73	78 552	3 431,294	31 644,723	9,222	8,755
57	74	76 754	3 170,433	28 213,429	8,899	8,431
58	75	74 832	2 922,960	25 042,996	8,568	8,100
59	76	72 794	2 688,761	22 120,036	8,227	7,759
60	77	70 587	2 465,498	19 431,275	7,881	7,414
61	78	68 230	2 253,585	16 965,777	7,528	7,061
62	79	65 639	2 050,128	14 712,192	7,176	6,709
63	80	62 818	1 855,331	12 662,064	6,825	6,357
64	81	59 742	1 668,541	10 806,733	6,477	6,009
65	82	56 378	1 488,957	9 138,192	6,137	5,670
66	83	52 767	1 317,831	7 649,235	5,804	5,337
67	84	48 948	1 155,983	6 331,404	5,477	5,009
68	85	44 935	1 003,506	5 175,422	5,157	4,690
69	86	40 718	859,889	4 171,916	4,852	4,384
70	87	36 384	726,584	3 312,027	4,558	4,091
71	88	32 017	604,614	2 585,443	4,276	3,809
72	89	27 662	493,967	1 980,829	4,010	3,542
73	90	23 449	395,963	1 486,862	3,755	3,287
74	91	19 416	310,037	1 090,899	3,519	3,051
75	92	15 659	236,446	780,862	3,302	2,835
76	93	12 295	175,558	544,416	3,101	2,633
77	94	9 364	126,439	368,857	2,917	2,450
78	95	6 915	88,299	242,418	2,745	2,278
79	96	4 932	59,554	154,120	2,588	2,120
80	97	3 346	38,199	94,565	2,476	2,008
81	98	2 213	23,892	56,366	2,359	1,892
82	99	1 422	14,517	32,474	2,237	1,769
83	100	874	8,441	17,957	2,127	1,660

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 527	99 526,958	1 751 725,774	17,601	17,133
1	19	99 153	93 761,586	1 652 198,817	17,621	17,154
2	20	99 108	88 623,438	1 558 437,230	17,585	17,117
3	21	99 074	83 776,095	1 469 813,793	17,545	17,077
4	22	99 047	79 199,201	1 386 037,698	17,501	17,033
5	23	99 021	74 872,691	1 306 838,496	17,454	16,987
6	24	98 993	70 781,746	1 231 965,805	17,405	16,938
7	25	98 966	66 914,966	1 161 184,059	17,353	16,886
8	26	98 939	63 259,078	1 094 269,093	17,298	16,831
9	27	98 912	59 803,086	1 031 010,015	17,240	16,773
10	28	98 882	56 534,689	971 206,929	17,179	16,711
11	29	98 851	53 443,866	914 672,240	17,115	16,647
12	30	98 818	50 520,947	861 228,374	17,047	16,579
13	31	98 780	47 755,507	810 707,427	16,976	16,509
14	32	98 739	45 140,363	762 951,920	16,902	16,434
15	33	98 692	42 665,508	717 811,557	16,824	16,357
16	34	98 641	40 324,649	675 146,049	16,743	16,275
17	35	98 576	38 107,141	634 821,400	16,659	16,191
18	36	98 509	36 010,374	596 714,258	16,571	16,103
19	37	98 426	34 023,708	560 703,884	16,480	16,012
20	38	98 340	32 145,659	526 680,176	16,384	15,917
21	39	98 238	30 366,330	494 534,517	16,286	15,818
22	40	98 139	28 686,314	464 168,187	16,181	15,713
23	41	98 028	27 095,639	435 481,873	16,072	15,604
24	42	97 915	25 592,901	408 386,234	15,957	15,489
25	43	97 791	24 170,632	382 793,333	15,837	15,370
26	44	97 659	22 825,634	358 622,701	15,711	15,244
27	45	97 520	21 553,680	335 797,067	15,580	15,112
28	46	97 362	20 348,844	314 243,387	15,443	14,975
29	47	97 196	19 209,659	293 894,543	15,299	14,832
30	48	97 013	18 130,808	274 684,884	15,150	14,683
31	49	96 804	17 108,032	256 554,077	14,996	14,529
32	50	96 575	16 139,582	239 446,044	14,836	14,368
33	51	96 335	15 224,074	223 306,462	14,668	14,200
34	52	96 058	14 354,930	208 082,388	14,496	14,028
35	53	95 760	13 532,312	193 727,458	14,316	13,848
36	54	95 438	12 753,415	180 195,146	14,129	13,662
37	55	95 080	12 014,794	167 441,731	13,936	13,469
38	56	94 679	11 313,538	155 426,937	13,738	13,271
39	57	94 239	10 648,732	144 113,398	13,533	13,066
40	58	93 765	10 019,035	133 464,666	13,321	12,854
41	59	93 242	9 421,381	123 445,632	13,103	12,635
42	60	92 679	8 855,351	114 024,250	12,876	12,409
43	61	92 057	8 317,673	105 168,899	12,644	12,176
44	62	91 393	7 808,649	96 851,226	12,403	11,935
45	63	90 669	7 325,573	89 042,577	12,155	11,687
46	64	89 881	6 867,027	81 717,005	11,900	11,432
47	65	89 015	6 431,073	74 849,977	11,639	11,171
48	66	88 096	6 018,636	68 418,905	11,368	10,900
49	67	87 092	5 626,532	62 400,268	11,090	10,623
50	68	86 010	5 254,488	56 773,736	10,805	10,337
51	69	84 827	4 900,437	51 519,249	10,513	10,046
52	70	83 536	4 563,482	46 618,812	10,216	9,748
53	71	82 142	4 243,338	42 055,330	9,911	9,443
54	72	80 636	3 939,042	37 811,992	9,599	9,132
55	73	79 020	3 650,175	33 872,950	9,280	8,812
56	74	77 263	3 374,965	30 222,776	8,955	8,487
57	75	75 384	3 113,862	26 847,811	8,622	8,154
58	76	73 392	2 866,748	23 733,948	8,279	7,811
59	77	71 224	2 630,776	20 867,201	7,932	7,464
60	78	68 908	2 406,828	18 236,425	7,577	7,109
61	79	66 357	2 191,728	15 829,597	7,222	6,755
62	80	63 577	1 985,724	13 637,869	6,868	6,400
63	81	60 528	1 787,683	11 652,145	6,518	6,050
64	82	57 193	1 597,338	9 864,462	6,176	5,708
65	83	53 594	1 415,434	8 267,124	5,841	5,373
66	84	49 775	1 243,095	6 851,690	5,512	5,044
67	85	45 759	1 080,655	5 608,596	5,190	4,722
68	86	41 514	927,115	4 527,940	4,884	4,416
69	87	37 168	784,924	3 600,826	4,587	4,120
70	88	32 748	653,965	2 815,902	4,306	3,838
71	89	28 361	535,566	2 161,937	4,037	3,569
72	90	24 079	429,989	1 626,371	3,782	3,315
73	91	19 991	337,568	1 196,381	3,544	3,077
74	92	16 161	258,064	858,814	3,328	2,860
75	93	12 723	192,112	600,750	3,127	2,660
76	94	9 726	138,871	408,638	2,943	2,475
77	95	7 209	97,337	269,766	2,771	2,304
78	96	5 167	65,979	172,429	2,613	2,146
79	97	3 523	42,542	106,451	2,502	2,035
80	98	2 345	26,777	63,908	2,387	1,919
81	99	1 520	16,411	37,131	2,263	1,795
82	100	943	9,625	20,720	2,153	1,685

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 507	99 507,349	1 748 557,991	17,572	17,105
1	20	99 136	93 745,198	1 649 050,642	17,591	17,123
2	21	99 090	88 607,053	1 555 305,444	17,553	17,085
3	22	99 058	83 762,281	1 466 698,391	17,510	17,043
4	23	99 031	79 186,307	1 382 936,111	17,464	16,997
5	24	99 003	74 859,217	1 303 749,804	17,416	16,948
6	25	98 975	70 769,010	1 228 890,587	17,365	16,897
7	26	98 947	66 902,237	1 158 121,577	17,311	16,843
8	27	98 920	63 247,172	1 091 219,339	17,253	16,786
9	28	98 890	59 790,218	1 027 972,167	17,193	16,725
10	29	98 859	56 521,367	968 181,950	17,129	16,662
11	30	98 826	53 430,037	911 660,582	17,063	16,595
12	31	98 787	50 504,925	858 230,546	16,993	16,525
13	32	98 749	47 740,512	807 725,621	16,919	16,452
14	33	98 706	45 124,897	759 985,109	16,842	16,374
15	34	98 657	42 650,134	714 860,212	16,761	16,293
16	35	98 601	40 308,277	672 210,078	16,677	16,209
17	36	98 536	38 091,436	631 901,801	16,589	16,122
18	37	98 463	35 993,863	593 810,364	16,498	16,030
19	38	98 379	34 007,558	557 816,501	16,403	15,935
20	39	98 281	32 126,267	523 808,943	16,305	15,837
21	40	98 179	30 348,075	491 682,675	16,201	15,734
22	41	98 072	28 666,644	461 334,600	16,093	15,626
23	42	97 955	27 075,581	432 667,956	15,980	15,512
24	43	97 837	25 572,587	405 592,375	15,860	15,393
25	44	97 702	24 148,683	380 019,788	15,737	15,269
26	45	97 564	22 803,480	355 871,105	15,606	15,138
27	46	97 407	21 528,845	333 067,625	15,471	15,003
28	47	97 244	20 324,069	311 538,780	15,329	14,861
29	48	97 063	19 183,336	291 214,711	15,181	14,713
30	49	96 858	18 101,906	272 031,375	15,028	14,560
31	50	96 634	17 078,126	253 929,469	14,869	14,401
32	51	96 396	16 109,672	236 851,343	14,702	14,235
33	52	96 128	15 191,454	220 741,671	14,531	14,063
34	53	95 834	14 321,440	205 550,217	14,353	13,885
35	54	95 514	13 497,565	191 228,776	14,168	13,700
36	55	95 162	12 716,575	177 731,211	13,976	13,509
37	56	94 772	11 975,801	165 014,637	13,779	13,311
38	57	94 340	11 273,070	153 038,836	13,576	13,108
39	58	93 870	10 606,945	141 765,766	13,365	12,898
40	59	93 357	9 975,458	131 158,821	13,148	12,681
41	60	92 803	9 377,041	121 183,363	12,923	12,456
42	61	92 190	8 808,631	111 806,322	12,693	12,225
43	62	91 534	8 270,380	102 997,691	12,454	11,986
44	63	90 832	7 760,747	94 727,311	12,206	11,738
45	64	90 057	7 276,133	86 966,564	11,952	11,485
46	65	89 209	6 815,712	79 690,431	11,692	11,225
47	66	88 305	6 379,815	72 874,719	11,423	10,955
48	67	87 324	5 965,900	66 494,905	11,146	10,678
49	68	86 266	5 573,180	60 529,004	10,861	10,393
50	69	85 110	5 199,496	54 955,824	10,569	10,102
51	70	83 847	4 843,814	49 756,328	10,272	9,805
52	71	82 484	4 505,988	44 912,515	9,967	9,500
53	72	81 017	4 185,196	40 406,527	9,655	9,187
54	73	79 442	3 880,691	36 221,330	9,334	8,866
55	74	77 722	3 590,253	32 340,640	9,008	8,540
56	75	75 884	3 314,745	28 750,387	8,673	8,206
57	76	73 935	3 053,978	25 435,642	8,329	7,861
58	77	71 810	2 804,924	22 381,664	7,979	7,512
59	78	69 529	2 568,172	19 576,740	7,623	7,155
60	79	67 016	2 340,765	17 008,568	7,266	6,799
61	80	64 273	2 122,876	14 667,802	6,909	6,442
62	81	61 259	1 913,322	12 544,926	6,557	6,089
63	82	57 945	1 711,395	10 631,604	6,212	5,745
64	83	54 369	1 518,463	8 920,209	5,874	5,407
65	84	50 554	1 335,162	7 401,746	5,544	5,076
66	85	46 531	1 162,091	6 066,584	5,220	4,753
67	86	42 275	998,391	4 904,493	4,912	4,445
68	87	37 895	846,289	3 906,102	4,616	4,148
69	88	33 454	706,474	3 059,813	4,331	3,864
70	89	29 008	579,281	2 353,339	4,063	3,595
71	90	24 688	466,201	1 774,058	3,805	3,338
72	91	20 528	366,576	1 307,857	3,568	3,100
73	92	16 640	280,980	941,281	3,350	2,882
74	93	13 131	209,677	660,301	3,149	2,682
75	94	10 064	151,966	450,625	2,965	2,498
76	95	7 487	106,908	298,659	2,794	2,326
77	96	5 387	72,732	191,751	2,636	2,169
78	97	3 691	47,132	119,019	2,525	2,058
79	98	2 470	29,821	71,887	2,411	1,943
80	99	1 611	18,393	42,066	2,287	1,820
81	100	1 008	10,881	23,673	2,176	1,708

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 490	99 489,956	1 745 197,851	17,541	17,074
1	21	99 117	93 727,866	1 645 707,894	17,558	17,091
2	22	99 073	88 592,442	1 551 980,028	17,518	17,051
3	23	99 042	83 748,643	1 463 387,586	17,474	17,006
4	24	99 013	79 172,056	1 379 638,943	17,426	16,958
5	25	98 985	74 845,747	1 300 466,887	17,375	16,908
6	26	98 956	70 755,548	1 225 621,140	17,322	16,854
7	27	98 929	66 889,646	1 154 865,592	17,265	16,798
8	28	98 899	63 233,563	1 087 975,945	17,206	16,738
9	29	98 867	59 776,128	1 024 742,383	17,143	16,675
10	30	98 833	56 506,741	964 966,254	17,077	16,609
11	31	98 794	53 413,092	908 459,513	17,008	16,541
12	32	98 756	50 489,067	855 046,421	16,935	16,468
13	33	98 715	47 724,154	804 557,354	16,858	16,391
14	34	98 670	45 108,637	756 833,200	16,778	16,310
15	35	98 617	42 632,819	711 724,563	16,694	16,227
16	36	98 560	40 291,665	669 091,744	16,606	16,139
17	37	98 491	38 073,971	628 800,079	16,515	16,048
18	38	98 417	35 976,778	590 726,108	16,420	15,952
19	39	98 320	33 987,043	554 749,329	16,322	15,855
20	40	98 222	32 106,955	520 762,286	16,220	15,752
21	41	98 112	30 327,266	488 655,331	16,113	15,645
22	42	97 999	28 645,423	458 328,066	16,000	15,532
23	43	97 877	27 054,090	429 682,643	15,882	15,415
24	44	97 748	25 549,365	402 628,553	15,759	15,291
25	45	97 607	24 125,245	377 079,188	15,630	15,162
26	46	97 452	22 777,205	352 953,943	15,496	15,028
27	47	97 289	21 502,633	330 176,738	15,355	14,888
28	48	97 110	20 296,219	308 674,104	15,208	14,741
29	49	96 909	19 152,757	288 377,886	15,057	14,589
30	50	96 689	18 070,263	269 225,129	14,899	14,431
31	51	96 455	17 046,477	251 154,866	14,734	14,266
32	52	96 189	16 075,154	234 108,389	14,563	14,096
33	53	95 904	15 156,013	218 033,235	14,386	13,918
34	54	95 588	14 284,668	202 877,222	14,202	13,735
35	55	95 238	13 458,575	188 592,555	14,013	13,545
36	56	94 853	12 675,304	175 133,980	13,817	13,349
37	57	94 433	11 932,964	162 458,676	13,614	13,147
38	58	93 970	11 228,833	150 525,713	13,405	12,938
39	59	93 461	10 560,811	139 296,879	13,190	12,722
40	60	92 918	9 928,510	128 736,068	12,966	12,499
41	61	92 313	9 327,568	118 807,559	12,737	12,270
42	62	91 666	8 758,546	109 479,991	12,500	12,032
43	63	90 972	8 219,646	100 721,445	12,254	11,786
44	64	90 219	7 708,370	92 501,799	12,000	11,533
45	65	89 384	7 221,761	84 793,428	11,741	11,274
46	66	88 498	6 761,388	77 571,667	11,473	11,005
47	67	87 531	6 323,914	70 810,280	11,197	10,730
48	68	86 496	5 909,330	64 486,366	10,913	10,445
49	69	85 364	5 514,853	58 577,036	10,622	10,154
50	70	84 126	5 139,418	53 062,183	10,325	9,857
51	71	82 790	4 782,788	47 922,765	10,020	9,552
52	72	81 354	4 444,248	43 139,977	9,707	9,239
53	73	79 817	4 123,199	38 695,729	9,385	8,917
54	74	78 138	3 816,985	34 572,531	9,058	8,590
55	75	76 336	3 526,191	30 755,546	8,722	8,254
56	76	74 425	3 250,998	27 229,355	8,376	7,908
57	77	72 340	2 988,116	23 978,357	8,025	7,557
58	78	70 101	2 738,176	20 990,240	7,666	7,198
59	79	67 621	2 497,681	18 252,064	7,308	6,840
60	80	64 911	2 267,231	15 754,383	6,949	6,481
61	81	61 929	2 045,473	13 487,152	6,594	6,126
62	82	58 645	1 831,673	11 441,679	6,247	5,779
63	83	55 083	1 626,889	9 610,006	5,907	5,439
64	84	51 285	1 432,349	7 983,117	5,573	5,106
65	85	47 260	1 248,159	6 550,768	5,248	4,781
66	86	42 989	1 073,627	5 302,609	4,939	4,471
67	87	38 590	911,351	4 228,982	4,640	4,173
68	88	34 108	761,706	3 317,631	4,356	3,888
69	89	29 633	625,793	2 555,925	4,084	3,617
70	90	25 251	504,254	1 930,132	3,828	3,360
71	91	21 047	397,447	1 425,878	3,588	3,120
72	92	17 087	305,125	1 028,431	3,371	2,903
73	93	13 520	228,296	723,306	3,168	2,701
74	94	10 387	165,860	495,010	2,985	2,517
75	95	7 748	116,988	329,151	2,814	2,346
76	96	5 595	79,884	212,162	2,656	2,188
77	97	3 848	51,956	132,278	2,546	2,078
78	98	2 588	33,038	80,322	2,431	1,964
79	99	1 697	20,484	47,283	2,308	1,841
80	100	1 068	12,195	26,800	2,198	1,730

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 472	99 471,563	1 741 632,314	17,509	17,041
1	22	99 101	93 712,411	1 642 160,752	17,523	17,056
2	23	99 057	88 578,018	1 548 448,341	17,481	17,014
3	24	99 024	83 733,572	1 459 870,323	17,435	16,967
4	25	98 995	79 157,810	1 376 136,751	17,385	16,917
5	26	98 966	74 831,509	1 296 978,941	17,332	16,864
6	27	98 938	70 742,232	1 222 147,431	17,276	16,808
7	28	98 907	66 875,253	1 151 405,199	17,217	16,750
8	29	98 875	63 218,662	1 084 529,946	17,155	16,688
9	30	98 841	59 760,660	1 021 311,284	17,090	16,622
10	31	98 802	56 488,821	961 550,624	17,022	16,554
11	32	98 763	53 396,321	905 061,803	16,950	16,482
12	33	98 722	50 471,768	851 665,482	16,874	16,407
13	34	98 679	47 706,958	801 193,714	16,794	16,326
14	35	98 630	45 090,323	753 486,756	16,711	16,243
15	36	98 576	42 615,248	708 396,434	16,623	16,155
16	37	98 515	40 273,191	665 781,185	16,532	16,064
17	38	98 444	38 055,899	625 507,994	16,437	15,969
18	39	98 357	35 955,075	587 452,095	16,339	15,871
19	40	98 261	33 966,612	551 497,019	16,236	15,769
20	41	98 154	32 084,939	517 530,407	16,130	15,662
21	42	98 039	30 304,816	485 445,468	16,019	15,551
22	43	97 922	28 622,685	455 140,652	15,901	15,434
23	44	97 788	27 029,523	426 517,967	15,780	15,312
24	45	97 653	25 524,567	399 488,444	15,651	15,184
25	46	97 495	24 097,447	373 963,877	15,519	15,051
26	47	97 333	22 749,474	349 866,430	15,379	14,912
27	48	97 155	21 473,168	327 116,956	15,234	14,766
28	49	96 956	20 263,865	305 643,788	15,083	14,616
29	50	96 739	19 119,276	285 379,923	14,926	14,459
30	51	96 510	18 036,775	266 260,646	14,762	14,295
31	52	96 249	17 009,951	248 223,871	14,593	14,125
32	53	95 965	16 037,651	231 213,920	14,417	13,949
33	54	95 658	15 117,097	215 176,268	14,234	13,766
34	55	95 312	14 243,404	200 059,171	14,046	13,578
35	56	94 929	13 414,896	185 815,768	13,851	13,384
36	57	94 514	12 629,964	172 400,872	13,650	13,183
37	58	94 062	11 886,137	159 770,908	13,442	12,974
38	59	93 561	11 179,994	147 884,770	13,228	12,760
39	60	93 021	10 511,108	136 704,776	13,006	12,538
40	61	92 428	9 876,127	126 193,668	12,778	12,310
41	62	91 788	9 274,533	116 317,540	12,542	12,074
42	63	91 104	8 704,817	107 043,008	12,297	11,829
43	64	90 358	8 164,172	98 338,191	12,045	11,578
44	65	89 545	7 650,768	90 174,018	11,786	11,319
45	66	88 672	7 164,200	82 523,250	11,519	11,051
46	67	87 723	6 702,144	75 359,050	11,244	10,776
47	68	86 701	6 263,949	68 656,906	10,961	10,493
48	69	85 591	5 847,485	62 392,957	10,670	10,202
49	70	84 377	5 451,131	56 545,472	10,373	9,906
50	71	83 067	5 074,667	51 094,341	10,069	9,601
51	72	81 656	4 717,255	46 019,673	9,756	9,288
52	73	80 149	4 378,412	41 302,418	9,433	8,966
53	74	78 506	4 055,512	36 924,006	9,105	8,637
54	75	76 743	3 748,878	32 868,494	8,768	8,300
55	76	74 867	3 458,378	29 119,617	8,420	7,952
56	77	72 820	3 180,887	25 661,239	8,067	7,600
57	78	70 619	2 917,010	22 480,352	7,707	7,239
58	79	68 177	2 663,019	19 563,342	7,346	6,879
59	80	65 496	2 419,218	16 900,324	6,986	6,518
60	81	62 544	2 184,565	14 481,106	6,629	6,161
61	82	59 287	1 958,185	12 296,541	6,280	5,812
62	83	55 749	1 741,227	10 338,356	5,937	5,470
63	84	51 960	1 534,625	8 597,129	5,602	5,135
64	85	47 943	1 339,012	7 062,504	5,274	4,807
65	86	43 662	1 153,143	5 723,492	4,963	4,496
66	87	39 241	980,028	4 570,348	4,663	4,196
67	88	34 733	820,266	3 590,320	4,377	3,909
68	89	30 213	674,718	2 770,054	4,106	3,638
69	90	25 795	544,742	2 095,337	3,846	3,379
70	91	21 527	429,888	1 550,595	3,607	3,139
71	92	17 519	330,821	1 120,707	3,388	2,920
72	93	13 883	247,914	789,885	3,186	2,719
73	94	10 694	180,588	541,971	3,001	2,534
74	95	7 996	127,684	361,384	2,830	2,363
75	96	5 789	87,416	233,699	2,673	2,206
76	97	3 996	57,065	146,283	2,563	2,096
77	98	2 697	36,420	89,218	2,450	1,982
78	99	1 777	22,694	52,798	2,327	1,859
79	100	1 125	13,581	30,104	2,217	1,749

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 455	99 455,160	1 737 851,039	17,474	17,006
1	23	99 085	93 697,153	1 638 395,879	17,486	17,019
2	24	99 040	88 562,077	1 544 698,725	17,442	16,974
3	25	99 006	83 718,505	1 456 136,648	17,393	16,926
4	26	98 977	79 142,753	1 372 418,143	17,341	16,873
5	27	98 947	74 817,426	1 293 275,391	17,286	16,818
6	28	98 916	70 727,010	1 218 457,964	17,228	16,760
7	29	98 884	66 859,494	1 147 730,955	17,166	16,699
8	30	98 850	63 202,303	1 080 871,460	17,102	16,634
9	31	98 810	59 741,708	1 017 669,157	17,034	16,567
10	32	98 771	56 471,084	957 927,449	16,963	16,496
11	33	98 729	53 378,025	901 456,365	16,888	16,421
12	34	98 686	50 453,581	848 078,340	16,809	16,342
13	35	98 639	47 687,589	797 624,759	16,726	16,258
14	36	98 589	45 071,740	749 937,170	16,639	16,171
15	37	98 531	42 595,709	704 865,430	16,548	16,080
16	38	98 468	40 254,075	662 269,720	16,452	15,985
17	39	98 384	38 032,942	622 015,645	16,355	15,887
18	40	98 298	35 933,461	583 982,704	16,252	15,784
19	41	98 193	33 943,321	548 049,242	16,146	15,678
20	42	98 082	32 061,188	514 105,921	16,035	15,568
21	43	97 961	30 280,761	482 044,733	15,919	15,452
22	44	97 833	28 596,694	451 763,972	15,798	15,330
23	45	97 693	27 003,289	423 167,278	15,671	15,203
24	46	97 541	25 495,157	396 163,989	15,539	15,071
25	47	97 376	24 068,108	370 668,832	15,401	14,933
26	48	97 200	22 718,300	346 600,724	15,256	14,789
27	49	97 000	21 438,939	323 882,424	15,107	14,640
28	50	96 786	20 228,443	302 443,485	14,951	14,484
29	51	96 560	19 083,845	282 215,043	14,788	14,321
30	52	96 303	17 998,128	263 131,198	14,620	14,152
31	53	96 024	16 970,268	245 133,070	14,445	13,977
32	54	95 719	15 996,472	228 162,803	14,263	13,796
33	55	95 382	15 073,428	212 166,331	14,076	13,608
34	56	95 002	14 197,177	197 092,902	13,883	13,415
35	57	94 590	13 366,911	182 895,725	13,683	13,215
36	58	94 143	12 580,403	169 528,814	13,476	13,008
37	59	93 653	11 834,440	156 948,411	13,262	12,794
38	60	93 121	11 127,377	145 113,971	13,041	12,574
39	61	92 531	10 455,652	133 986,594	12,815	12,347
40	62	91 902	9 819,973	123 530,942	12,580	12,112
41	63	91 225	9 217,638	113 710,969	12,336	11,869
42	64	90 489	8 646,069	104 493,331	12,086	11,618
43	65	89 683	8 103,164	95 847,262	11,828	11,361
44	66	88 831	7 589,788	87 744,098	11,561	11,093
45	67	87 895	7 101,427	80 154,309	11,287	10,819
46	68	86 891	6 638,593	73 052,883	11,004	10,537
47	69	85 794	6 198,393	66 414,290	10,715	10,247
48	70	84 602	5 779,920	60 215,897	10,418	9,951
49	71	83 314	5 382,453	54 435,977	10,114	9,646
50	72	81 928	5 005,135	49 053,524	9,801	9,333
51	73	80 446	4 647,376	44 048,389	9,478	9,011
52	74	78 833	4 306,536	39 401,013	9,149	8,682
53	75	77 106	3 983,148	35 094,477	8,811	8,343
54	76	75 268	3 676,781	31 111,329	8,462	7,994
55	77	73 253	3 383,795	27 434,548	8,108	7,640
56	78	71 087	3 105,193	24 050,753	7,745	7,278
57	79	68 680	2 836,944	20 945,560	7,383	6,916
58	80	66 035	2 579,361	18 108,616	7,021	6,553
59	81	63 108	2 331,010	15 529,255	6,662	6,194
60	82	59 875	2 091,341	13 198,245	6,311	5,843
61	83	56 359	1 861,492	11 106,904	5,967	5,499
62	84	52 588	1 642,480	9 245,413	5,629	5,161
63	85	48 574	1 434,624	7 602,933	5,300	4,832
64	86	44 294	1 237,080	6 168,309	4,986	4,519
65	87	39 856	1 052,612	4 931,229	4,685	4,217
66	88	35 319	882,079	3 878,616	4,397	3,930
67	89	30 766	726,590	2 996,537	4,124	3,657
68	90	26 299	587,330	2 269,948	3,865	3,397
69	91	21 991	464,405	1 682,618	3,623	3,156
70	92	17 918	357,824	1 218,213	3,405	2,937
71	93	14 234	268,792	860,389	3,201	2,733
72	94	10 982	196,106	591,597	3,017	2,549
73	95	8 233	139,023	395,490	2,845	2,377
74	96	5 975	95,409	256,468	2,688	2,221
75	97	4 136	62,446	161,059	2,579	2,112
76	98	2 801	40,001	98,613	2,465	1,998
77	99	1 853	25,016	58,612	2,343	1,875
78	100	1 178	15,047	33,595	2,233	1,765

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 439	99 438,968	1 733 839,953	17,436	16,969
1	24	99 067	93 680,291	1 634 400,985	17,447	16,979
2	25	99 022	88 546,142	1 540 720,694	17,400	16,933
3	26	98 987	83 702,579	1 452 174,552	17,349	16,882
4	27	98 958	79 127,858	1 368 471,972	17,294	16,827
5	28	98 926	74 801,327	1 289 344,114	17,237	16,769
6	29	98 893	70 710,343	1 214 542,787	17,176	16,709
7	30	98 858	66 842,193	1 143 832,444	17,112	16,645
8	31	98 818	63 182,260	1 076 990,251	17,046	16,578
9	32	98 779	59 722,950	1 013 807,991	16,975	16,508
10	33	98 737	56 451,735	954 085,041	16,901	16,433
11	34	98 694	53 358,792	897 633,307	16,823	16,355
12	35	98 646	50 433,097	844 274,515	16,740	16,273
13	36	98 599	47 667,935	793 841,418	16,654	16,186
14	37	98 544	45 051,074	746 173,482	16,563	16,095
15	38	98 484	42 575,491	701 122,408	16,468	16,000
16	39	98 409	40 229,792	658 546,917	16,370	15,902
17	40	98 325	38 010,078	618 317,125	16,267	15,800
18	41	98 231	35 908,822	580 307,047	16,161	15,693
19	42	98 121	33 918,194	544 398,225	16,050	15,583
20	43	98 004	32 035,739	510 480,031	15,935	15,467
21	44	97 872	30 253,264	478 444,292	15,815	15,347
22	45	97 738	28 568,939	448 191,027	15,688	15,220
23	46	97 581	26 972,175	419 622,089	15,558	15,090
24	47	97 422	25 464,116	392 649,914	15,420	14,952
25	48	97 242	24 035,128	367 185,798	15,277	14,809
26	49	97 045	22 682,086	343 150,670	15,129	14,661
27	50	96 831	21 401,462	320 468,584	14,974	14,507
28	51	96 607	20 190,955	299 067,122	14,812	14,344
29	52	96 353	19 042,954	278 876,167	14,645	14,177
30	53	96 078	17 956,139	259 833,213	14,470	14,003
31	54	95 778	16 926,694	241 877,075	14,290	13,822
32	55	95 442	15 950,263	224 950,381	14,103	13,636
33	56	95 072	15 024,508	209 000,118	13,911	13,443
34	57	94 663	14 146,395	193 975,610	13,712	13,244
35	58	94 219	13 314,458	179 829,215	13,506	13,039
36	59	93 734	12 525,685	166 514,758	13,294	12,826
37	60	93 212	11 778,743	153 989,072	13,073	12,606
38	61	92 630	11 068,670	142 210,329	12,848	12,380
39	62	92 005	10 396,202	131 141,660	12,614	12,147
40	63	91 338	9 759,733	120 745,458	12,372	11,904
41	64	90 610	9 155,430	110 985,725	12,122	11,655
42	65	89 813	8 581,460	101 830,295	11,866	11,399
43	66	88 968	8 038,578	93 248,835	11,600	11,133
44	67	88 053	7 523,286	85 210,257	11,326	10,859
45	68	87 061	7 034,089	77 686,971	11,044	10,577
46	69	85 981	6 569,115	70 652,882	10,755	10,288
47	70	84 803	6 126,773	64 083,766	10,460	9,992
48	71	83 536	5 707,100	57 956,993	10,155	9,688
49	72	82 173	5 308,704	52 249,894	9,842	9,375
50	73	80 715	4 930,991	46 941,190	9,520	9,052
51	74	79 126	4 571,084	42 010,198	9,190	8,723
52	75	77 426	4 229,693	37 439,115	8,851	8,384
53	76	75 623	3 906,547	33 209,421	8,501	8,033
54	77	73 644	3 597,488	29 302,874	8,145	7,678
55	78	71 510	3 303,272	25 705,386	7,782	7,314
56	79	69 136	3 019,962	22 402,114	7,418	6,950
57	80	66 523	2 747,823	19 382,152	7,054	6,586
58	81	63 627	2 485,314	16 634,330	6,693	6,225
59	82	60 415	2 231,536	14 149,016	6,340	5,873
60	83	56 919	1 988,073	11 917,479	5,994	5,527
61	84	53 163	1 755,924	9 929,407	5,655	5,187
62	85	49 161	1 535,450	8 173,483	5,323	4,856
63	86	44 876	1 325,414	6 638,033	5,008	4,541
64	87	40 432	1 129,232	5 312,619	4,705	4,237
65	88	35 873	947,408	4 183,387	4,416	3,948
66	89	31 286	781,344	3 235,978	4,142	3,674
67	90	26 781	632,483	2 454,635	3,881	3,413
68	91	22 421	500,713	1 822,151	3,639	3,172
69	92	18 304	386,555	1 321,439	3,419	2,951
70	93	14 559	290,731	934,884	3,216	2,748
71	94	11 259	212,621	644,152	3,030	2,562
72	95	8 454	150,969	431,531	2,858	2,391
73	96	6 152	103,881	280,562	2,701	2,233
74	97	4 268	68,155	176,681	2,592	2,125
75	98	2 899	43,773	108,526	2,479	2,012
76	99	1 924	27,476	64,752	2,357	1,889
77	100	1 228	16,587	37,276	2,247	1,780

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 421	99 421,072	1 729 586,090	17,397	16,929
1	25	99 049	93 663,435	1 630 165,018	17,404	16,937
2	26	99 003	88 529,298	1 536 501,583	17,356	16,888
3	27	98 969	83 686,827	1 447 972,285	17,302	16,835
4	28	98 937	79 110,831	1 364 285,458	17,245	16,778
5	29	98 903	74 783,701	1 285 174,627	17,185	16,718
6	30	98 867	70 692,046	1 210 390,926	17,122	16,654
7	31	98 827	66 820,996	1 139 698,881	17,056	16,588
8	32	98 787	63 162,421	1 072 877,885	16,986	16,518
9	33	98 745	59 702,487	1 009 715,464	16,912	16,445
10	34	98 702	56 431,394	950 012,978	16,835	16,367
11	35	98 654	53 337,128	893 581,584	16,753	16,286
12	36	98 605	50 412,312	840 244,456	16,667	16,200
13	37	98 554	47 646,080	789 832,144	16,577	16,109
14	38	98 497	45 029,690	742 186,064	16,482	16,015
15	39	98 425	42 549,807	697 156,374	16,384	15,917
16	40	98 350	40 205,608	654 606,567	16,281	15,814
17	41	98 258	37 984,015	614 400,959	16,175	15,708
18	42	98 158	35 882,240	576 416,944	16,064	15,597
19	43	98 043	33 891,272	540 534,704	15,949	15,482
20	44	97 915	32 006,648	506 643,432	15,829	15,362
21	45	97 777	30 223,901	474 636,784	15,704	15,236
22	46	97 625	28 536,020	444 412,883	15,574	15,106
23	47	97 462	26 939,336	415 876,862	15,438	14,970
24	48	97 289	25 429,223	388 937,527	15,295	14,827
25	49	97 087	23 996,814	363 508,304	15,148	14,681
26	50	96 875	22 642,436	339 511,490	14,994	14,527
27	51	96 651	21 361,801	316 869,054	14,833	14,366
28	52	96 400	20 147,692	295 507,253	14,667	14,199
29	53	96 128	18 998,527	275 359,560	14,494	14,026
30	54	95 831	17 910,033	256 361,033	14,314	13,846
31	55	95 501	16 877,798	238 451,000	14,128	13,661
32	56	95 132	15 898,497	221 573,203	13,937	13,469
33	57	94 732	14 970,766	205 674,705	13,738	13,271
34	58	94 291	14 090,882	190 703,939	13,534	13,066
35	59	93 809	13 256,547	176 613,057	13,323	12,855
36	60	93 292	12 466,735	163 356,509	13,103	12,636
37	61	92 720	11 716,598	150 889,774	12,878	12,411
38	62	92 103	11 005,735	139 173,176	12,646	12,178
39	63	91 440	10 332,427	128 167,441	12,404	11,937
40	64	90 722	9 693,865	117 835,014	12,156	11,688
41	65	89 932	9 087,014	108 141,149	11,901	11,433
42	66	89 097	8 513,062	99 054,134	11,636	11,168
43	67	88 189	7 968,143	90 541,073	11,363	10,895
44	68	87 218	7 451,948	82 572,929	11,081	10,613
45	69	86 150	6 960,473	75 120,981	10,793	10,325
46	70	84 988	6 493,212	68 160,508	10,497	10,030
47	71	83 734	6 049,583	61 667,296	10,194	9,726
48	72	82 391	5 628,902	55 617,713	9,881	9,413
49	73	80 955	5 230,063	49 988,811	9,558	9,090
50	74	79 390	4 850,043	44 758,748	9,229	8,761
51	75	77 714	4 489,521	39 908,704	8,889	8,422
52	76	75 937	4 148,351	35 419,183	8,538	8,071
53	77	73 992	3 822,299	31 270,833	8,181	7,714
54	78	71 892	3 511,881	27 448,534	7,816	7,348
55	79	69 547	3 212,604	23 936,654	7,451	6,983
56	80	66 964	2 925,091	20 724,049	7,085	6,617
57	81	64 097	2 647,633	17 798,958	6,723	6,255
58	82	60 912	2 379,256	15 151,326	6,368	5,901
59	83	57 432	2 121,346	12 772,069	6,021	5,553
60	84	53 691	1 875,326	10 650,724	5,679	5,212
61	85	49 699	1 641,502	8 775,398	5,346	4,878
62	86	45 418	1 418,565	7 133,896	5,029	4,561
63	87	40 964	1 209,864	5 715,331	4,724	4,256
64	88	36 391	1 016,370	4 505,467	4,433	3,965
65	89	31 776	839,213	3 489,096	4,158	3,690
66	90	27 234	680,146	2 649,884	3,896	3,428
67	91	22 832	539,207	1 969,738	3,653	3,185
68	92	18 662	416,776	1 430,531	3,432	2,965
69	93	14 872	314,075	1 013,755	3,228	2,760
70	94	11 516	229,976	699,680	3,042	2,575
71	95	8 668	163,683	469,704	2,870	2,402
72	96	6 317	112,808	306,021	2,713	2,245
73	97	4 395	74,207	193,213	2,604	2,136
74	98	2 992	47,775	119,006	2,491	2,023
75	99	1 991	30,067	71,230	2,369	1,901
76	100	1 276	18,218	41,163	2,260	1,792

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 403	99 403,183	1 725 077,811	17,354	16,887
1	26	99 030	93 645,618	1 625 674,628	17,360	16,892
2	27	98 984	88 512,637	1 532 029,011	17,309	16,841
3	28	98 947	83 668,819	1 443 516,373	17,253	16,785
4	29	98 913	79 092,189	1 359 847,554	17,193	16,726
5	30	98 877	74 764,349	1 280 755,365	17,131	16,663
6	31	98 836	70 669,627	1 205 991,016	17,065	16,598
7	32	98 796	66 800,014	1 135 321,389	16,996	16,528
8	33	98 754	63 140,779	1 068 521,375	16,923	16,455
9	34	98 710	59 680,974	1 005 380,596	16,846	16,378
10	35	98 662	56 408,483	945 699,622	16,765	16,298
11	36	98 613	53 315,146	889 291,139	16,680	16,212
12	37	98 560	50 389,198	835 975,993	16,590	16,123
13	38	98 507	47 623,464	785 586,795	16,496	16,028
14	39	98 438	45 002,526	737 963,331	16,398	15,931
15	40	98 365	42 524,228	692 960,805	16,296	15,828
16	41	98 282	40 178,039	650 436,576	16,189	15,721
17	42	98 185	37 955,897	610 258,537	16,078	15,611
18	43	98 080	35 853,758	572 302,640	15,962	15,495
19	44	97 954	33 860,496	536 448,882	15,843	15,375
20	45	97 820	31 975,584	502 588,386	15,718	15,250
21	46	97 665	30 189,076	470 612,803	15,589	15,121
22	47	97 506	28 501,277	440 423,727	15,453	14,985
23	48	97 328	26 902,421	411 922,449	15,312	14,844
24	49	97 134	25 388,687	385 020,029	15,165	14,697
25	50	96 918	23 954,866	359 631,341	15,013	14,545
26	51	96 696	22 600,475	335 676,475	14,853	14,385
27	52	96 444	21 316,029	313 076,000	14,687	14,220
28	53	96 175	20 100,688	291 759,971	14,515	14,047
29	54	95 881	18 949,745	271 659,283	14,336	13,868
30	55	95 555	17 858,297	252 709,538	14,151	13,683
31	56	95 191	16 823,022	234 851,241	13,960	13,493
32	57	94 792	15 841,629	218 028,219	13,763	13,295
33	58	94 360	14 912,019	202 186,591	13,559	13,091
34	59	93 881	14 029,595	187 274,572	13,349	12,881
35	60	93 367	13 194,157	173 244,976	13,130	12,663
36	61	92 800	12 400,961	160 050,819	12,906	12,439
37	62	92 193	11 649,979	147 649,858	12,674	12,206
38	63	91 538	10 938,220	135 999,879	12,433	11,966
39	64	90 823	10 262,695	125 061,658	12,186	11,718
40	65	90 044	9 621,426	114 798,963	11,932	11,464
41	66	89 216	9 014,587	105 177,537	11,667	11,200
42	67	88 316	8 438,470	96 162,950	11,396	10,928
43	68	87 353	7 892,588	87 724,481	11,115	10,647
44	69	86 305	7 373,959	79 831,893	10,826	10,359
45	70	85 155	6 880,048	72 457,934	10,532	10,064
46	71	83 917	6 411,405	65 577,887	10,228	9,761
47	72	82 587	5 966,693	59 166,482	9,916	9,449
48	73	81 171	5 545,518	53 199,789	9,593	9,126
49	74	79 626	5 144,206	47 654,271	9,264	8,796
50	75	77 973	4 763,503	42 510,065	8,924	8,457
51	76	76 219	4 403,181	37 746,562	8,573	8,105
52	77	74 300	4 058,887	33 343,381	8,215	7,747
53	78	72 231	3 731,341	29 284,493	7,848	7,381
54	79	69 919	3 415,486	25 553,152	7,482	7,014
55	80	67 362	3 111,682	22 137,665	7,114	6,647
56	81	64 522	2 818,438	19 025,984	6,751	6,283
57	82	61 362	2 534,648	16 207,546	6,394	5,927
58	83	57 904	2 261,771	13 672,898	6,045	5,578
59	84	54 175	2 001,041	11 411,127	5,703	5,235
60	85	50 192	1 753,124	9 410,086	5,368	4,900
61	86	45 915	1 516,543	7 656,962	5,049	4,581
62	87	41 459	1 294,894	6 140,418	4,742	4,274
63	88	36 870	1 088,944	4 845,524	4,450	3,982
64	89	32 235	900,299	3 756,580	4,173	3,705
65	90	27 660	730,519	2 856,282	3,910	3,442
66	91	23 217	579,840	2 125,762	3,666	3,199
67	92	19 004	448,817	1 545,922	3,444	2,977
68	93	15 163	338,630	1 097,104	3,240	2,772
69	94	11 764	248,442	758,475	3,053	2,585
70	95	8 866	177,044	510,033	2,881	2,413
71	96	6 477	122,308	332,989	2,723	2,255
72	97	4 513	80,584	210,682	2,614	2,147
73	98	3 080	52,018	130,098	2,501	2,033
74	99	2 055	32,816	78,080	2,379	1,912
75	100	1 320	19,936	45,264	2,271	1,803

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1	0	99 644	94 225,791	1 685 498,556	17,888	17,420
2	1	99 317	88 810,064	1 591 272,765	17,918	17,450
3	2	99 277	83 947,219	1 502 462,701	17,898	17,430
4	3	99 254	79 364,204	1 418 515,482	17,873	17,406
5	4	99 233	75 033,159	1 339 151,278	17,847	17,380
6	5	99 213	70 939,426	1 264 118,119	17,820	17,352
7	6	99 195	67 070,126	1 193 178,693	17,790	17,322
8	7	99 178	63 412,214	1 126 108,568	17,759	17,291
9	8	99 165	59 956,355	1 062 696,354	17,724	17,257
10	9	99 150	56 687,830	1 002 739,999	17,689	17,221
11	10	99 136	53 597,986	946 052,170	17,651	17,183
12	11	99 123	50 676,788	892 454,183	17,611	17,143
13	12	99 108	47 914,308	841 777,395	17,568	17,101
14	13	99 091	45 301,136	793 863,087	17,524	17,057
15	14	99 068	42 828,107	748 561,951	17,478	17,011
16	15	99 043	40 489,184	705 733,844	17,430	16,963
17	16	99 007	38 273,512	665 244,660	17,381	16,914
18	17	98 965	36 177,175	626 971,148	17,331	16,863
19	18	98 914	34 192,329	590 793,973	17,279	16,811
20	19	98 855	32 313,946	556 601,644	17,225	16,757
21	20	98 795	30 538,389	524 287,697	17,168	16,701
22	21	98 736	28 860,870	493 749,308	17,108	16,640
23	22	98 675	27 274,723	464 888,439	17,045	16,577
24	23	98 619	25 776,940	437 613,716	16,977	16,509
25	24	98 554	24 359,398	411 836,776	16,907	16,439
26	25	98 493	23 020,661	387 477,378	16,832	16,364
27	26	98 430	21 754,818	364 456,717	16,753	16,285
28	27	98 366	20 558,562	342 701,899	16,670	16,202
29	28	98 297	19 427,113	322 143,337	16,582	16,115
30	29	98 222	18 356,883	302 716,224	16,491	16,023
31	30	98 142	17 344,520	284 359,341	16,395	15,927
32	31	98 050	16 386,138	267 014,821	16,295	15,828
33	32	97 957	15 480,479	250 628,684	16,190	15,722
34	33	97 852	14 623,028	235 148,204	16,081	15,613
35	34	97 742	13 812,303	220 525,176	15,966	15,498
36	35	97 623	13 045,502	206 712,873	15,846	15,378
37	36	97 499	12 320,490	193 667,371	15,719	15,252
38	37	97 359	11 633,829	181 346,880	15,588	15,120
39	38	97 209	10 984,295	169 713,051	15,451	14,983
40	39	97 042	10 369,210	158 728,756	15,308	14,840
41	40	96 864	9 787,376	148 359,545	15,158	14,691
42	41	96 668	9 236,520	138 572,169	15,003	14,535
43	42	96 458	8 715,257	129 335,650	14,840	14,373
44	43	96 233	8 222,157	120 620,392	14,670	14,203
45	44	95 972	7 754,062	112 398,235	14,495	14,028
46	45	95 691	7 310,981	104 644,173	14,313	13,846
47	46	95 373	6 890,444	97 333,192	14,126	13,658
48	47	95 031	6 492,443	90 442,748	13,930	13,463
49	48	94 649	6 114,732	83 950,306	13,729	13,262
50	49	94 217	5 755,882	77 835,574	13,523	13,055
51	50	93 740	5 415,338	72 079,691	13,310	12,843
52	51	93 220	5 092,475	66 664,353	13,091	12,623
53	52	92 635	4 785,363	61 571,878	12,867	12,399
54	53	91 985	4 493,402	56 786,515	12,638	12,170
55	54	91 261	4 215,639	52 293,113	12,405	11,937
56	55	90 459	3 951,402	48 077,474	12,167	11,700
57	56	89 572	3 699,890	44 126,072	11,926	11,459
58	57	88 597	3 460,637	40 426,182	11,682	11,214
59	58	87 529	3 233,041	36 965,545	11,434	10,966
60	59	86 370	3 016,748	33 732,504	11,182	10,714
61	60	85 118	2 811,377	30 715,756	10,926	10,458
62	61	83 753	2 615,869	27 904,379	10,667	10,200
63	62	82 282	2 430,200	25 288,509	10,406	9,938
64	63	80 716	2 254,323	22 858,309	10,140	9,672
65	64	79 029	2 087,183	20 603,987	9,872	9,404
66	65	77 229	1 928,737	18 516,804	9,600	9,133
67	66	75 341	1 779,282	16 588,066	9,323	8,855
68	67	73 337	1 637,780	14 808,784	9,042	8,574
69	68	71 248	1 504,620	13 171,004	8,754	8,286
70	69	69 015	1 378,211	11 666,385	8,465	7,997
71	70	66 696	1 259,484	10 288,173	8,169	7,701
72	71	64 233	1 147,020	9 028,690	7,871	7,404
73	72	61 694	1 041,779	7 881,670	7,566	7,098
74	73	59 033	942,641	6 839,890	7,256	6,789
75	74	56 259	849,500	5 897,249	6,942	6,474
76	75	53 397	762,449	5 047,749	6,620	6,153
77	76	50 424	680,840	4 285,300	6,294	5,827
78	77	47 328	604,300	3 604,460	5,965	5,497
79	78	44 101	532,479	3 000,160	5,634	5,167
80	79	40 726	464,991	2 467,680	5,307	4,839
81	80	37 221	401,865	2 002,689	4,983	4,516
82	81	33 550	342,529	1 600,824	4,674	4,206
83	82	29 784	287,553	1 258,295	4,376	3,908
84	83	26 007	237,433	970,741	4,088	3,621
85	84	22 275	192,307	733,308	3,813	3,346
86	85	18 644	152,205	541,001	3,554	3,087
87	86	15 197	117,320	388,796	3,314	2,846
88	87	12 040	87,891	271,476	3,089	2,621
89	88	9 225	63,682	183,585	2,883	2,415
90	89	6 822	44,535	119,903	2,692	2,225
91	90	4 860	30,003	75,368	2,512	2,044
92	91	3 319	19,372	45,365	2,342	1,874
93	92	2 140	11,811	25,993	2,201	1,733
94	93	1 315	6,866	14,182	2,066	1,598
95	94	760	3,749	7,316	1,951	1,484
96	95	415	1,937	3,567	1,841	1,373
97	96	210	0,928	1,629	1,757	1,289
98	97	100	0,416	0,702	1,688	1,221
99	98	45	0,176	0,286	1,625	1,157
100	99	19	0,070	0,110	1,560	1,093

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2	0	99 616	89 077,773	1 592 326,038	17,876	17,408
3	1	99 301	83 968,038	1 503 248,264	17,903	17,435
4	2	99 266	79 374,065	1 419 280,227	17,881	17,413
5	3	99 243	75 040,898	1 339 906,162	17,856	17,388
6	4	99 223	70 946,214	1 264 865,264	17,829	17,361
7	5	99 204	67 076,101	1 193 919,050	17,799	17,332
8	6	99 187	63 417,824	1 126 842,949	17,769	17,301
9	7	99 170	59 959,140	1 063 425,125	17,736	17,268
10	8	99 157	56 691,780	1 003 465,985	17,700	17,233
11	9	99 142	53 601,265	946 774,205	17,663	17,196
12	10	99 129	50 679,752	893 172,940	17,624	17,156
13	11	99 116	47 918,013	842 493,187	17,582	17,114
14	12	99 099	45 304,694	794 575,174	17,538	17,071
15	13	99 078	42 832,142	749 270,480	17,493	17,026
16	14	99 052	40 492,918	706 438,338	17,446	16,978
17	15	99 019	38 278,169	665 945,420	17,398	16,930
18	16	98 980	36 182,502	627 667,251	17,347	16,880
19	17	98 927	34 196,986	591 484,748	17,296	16,829
20	18	98 874	32 320,314	557 287,763	17,243	16,775
21	19	98 812	30 543,728	524 967,449	17,187	16,720
22	20	98 755	28 866,206	494 423,721	17,128	16,661
23	21	98 692	27 279,221	465 557,514	17,066	16,599
24	22	98 635	25 781,137	438 278,293	17,000	16,532
25	23	98 572	24 363,782	412 497,156	16,931	16,463
26	24	98 511	23 024,804	388 133,374	16,857	16,390
27	25	98 448	21 758,957	365 108,570	16,780	16,312
28	26	98 384	20 562,432	343 349,612	16,698	16,230
29	27	98 318	19 431,294	322 787,181	16,612	16,144
30	28	98 245	18 361,209	303 355,886	16,522	16,054
31	29	98 167	17 349,009	284 994,677	16,427	15,960
32	30	98 081	16 391,336	267 645,668	16,328	15,861
33	31	97 988	15 485,342	251 254,332	16,225	15,758
34	32	97 886	14 628,040	235 768,990	16,118	15,650
35	33	97 777	13 817,282	221 140,949	16,005	15,537
36	34	97 663	13 050,801	207 323,668	15,886	15,418
37	35	97 540	12 325,570	194 272,867	15,762	15,294
38	36	97 404	11 639,166	181 947,297	15,632	15,165
39	37	97 255	10 989,511	170 308,131	15,497	15,030
40	38	97 101	10 375,469	159 318,620	15,355	14,888
41	39	96 922	9 793,263	148 943,150	15,209	14,741
42	40	96 735	9 242,858	139 149,887	15,055	14,587
43	41	96 529	8 721,714	129 907,029	14,895	14,427
44	42	96 309	8 228,688	121 185,316	14,727	14,260
45	43	96 060	7 761,110	112 956,627	14,554	14,087
46	44	95 784	7 318,084	105 195,518	14,375	13,907
47	45	95 483	6 898,392	97 877,433	14,188	13,721
48	46	95 147	6 500,357	90 979,041	13,996	13,528
49	47	94 779	6 123,123	84 478,684	13,797	13,329
50	48	94 368	5 765,072	78 355,562	13,591	13,124
51	49	93 904	5 424,821	72 590,490	13,381	12,914
52	50	93 393	5 101,930	67 165,668	13,165	12,697
53	51	92 834	4 795,639	62 063,739	12,942	12,474
54	52	92 200	4 503,910	57 268,100	12,715	12,248
55	53	91 496	4 226,491	52 764,190	12,484	12,017
56	54	90 721	3 962,850	48 537,699	12,248	11,781
57	55	89 863	3 711,937	44 574,849	12,009	11,541
58	56	88 915	3 473,060	40 862,912	11,766	11,298
59	57	87 874	3 245,778	37 389,853	11,520	11,052
60	58	86 747	3 029,926	34 144,074	11,269	10,801
61	59	85 521	2 824,671	31 114,148	11,015	10,548
62	60	84 197	2 629,744	28 289,477	10,758	10,290
63	61	82 753	2 444,097	25 659,733	10,499	10,031
64	62	81 214	2 268,237	23 215,636	10,235	9,768
65	63	79 566	2 101,365	20 947,399	9,968	9,501
66	64	77 810	1 943,259	18 846,035	9,698	9,231
67	65	75 946	1 793,578	16 902,776	9,424	8,956
68	66	73 985	1 652,257	15 109,198	9,145	8,677
69	67	71 930	1 519,023	13 456,941	8,859	8,391
70	68	69 745	1 392,788	11 937,918	8,571	8,104
71	69	67 476	1 274,206	10 545,130	8,276	7,808
72	70	65 053	1 161,655	9 270,923	7,981	7,513
73	71	62 551	1 056,252	8 109,268	7,677	7,210
74	72	59 921	956,815	7 053,016	7,371	6,904
75	73	57 198	863,678	6 096,201	7,058	6,591
76	74	54 367	776,301	5 232,523	6,740	6,273
77	75	51 412	694,191	4 456,222	6,419	5,952
78	76	48 372	617,620	3 762,031	6,091	5,624
79	77	45 176	545,459	3 144,412	5,765	5,297
80	78	41 876	478,115	2 598,952	5,436	4,968
81	79	38 428	414,899	2 120,838	5,112	4,644
82	80	34 819	355,491	1 705,939	4,799	4,331
83	81	31 112	300,371	1 350,448	4,496	4,028
84	82	27 358	249,767	1 050,077	4,204	3,737
85	83	23 615	203,869	800,310	3,926	3,458
86	84	19 944	162,814	596,441	3,663	3,196
87	85	16 450	126,987	433,627	3,415	2,947
88	86	13 190	96,286	306,640	3,185	2,717
89	87	10 249	70,753	210,354	2,973	2,505
90	88	7 702	50,276	139,601	2,777	2,309
91	89	5 584	34,467	89,325	2,592	2,124
92	90	3 893	22,723	54,858	2,414	1,947
93	91	2 571	14,190	32,135	2,265	1,797
94	92	1 619	8,450	17,944	2,124	1,656
95	93	960	4,740	9,494	2,003	1,536
96	94	539	2,517	4,755	1,889	1,422
97	95	281	1,241	2,238	1,803	1,335
98	96	139	0,582	0,996	1,712	1,245
99	97	64	0,251	0,415	1,650	1,182
100	98	27	0,103	0,163	1,591	1,123

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 601	84 221,151	1 504 222,528	17,860	17,393
4	1	99 291	79 393,750	1 420 001,377	17,886	17,418
5	2	99 255	75 050,221	1 340 607,627	17,863	17,395
6	3	99 233	70 953,531	1 265 557,406	17,836	17,369
7	4	99 214	67 082,520	1 194 603,875	17,808	17,340
8	5	99 196	63 423,473	1 127 521,355	17,778	17,310
9	6	99 178	59 964,445	1 064 097,882	17,745	17,278
10	7	99 162	56 694,414	1 004 133,437	17,711	17,244
11	8	99 149	53 605,001	947 439,023	17,674	17,207
12	9	99 135	50 682,853	893 834,023	17,636	17,168
13	10	99 122	47 920,817	843 151,170	17,595	17,127
14	11	99 106	45 308,198	795 230,353	17,552	17,084
15	12	99 085	42 835,506	749 922,156	17,507	17,039
16	13	99 062	40 496,733	707 086,650	17,460	16,993
17	14	99 028	38 281,699	666 589,917	17,413	16,945
18	15	98 992	36 186,905	628 308,218	17,363	16,895
19	16	98 942	34 202,022	592 121,313	17,312	16,845
20	17	98 888	32 324,716	557 919,291	17,260	16,792
21	18	98 832	30 549,747	525 594,575	17,205	16,737
22	19	98 772	28 871,253	495 044,829	17,147	16,679
23	20	98 710	27 284,266	466 173,576	17,086	16,618
24	21	98 651	25 785,389	438 889,310	17,021	16,553
25	22	98 588	24 367,749	413 103,921	16,953	16,485
26	23	98 529	23 028,948	388 736,172	16,880	16,413
27	24	98 466	21 762,873	365 707,223	16,804	16,337
28	25	98 403	20 566,344	343 944,350	16,724	16,256
29	26	98 336	19 434,952	323 378,006	16,639	16,171
30	27	98 267	18 365,161	303 943,054	16,550	16,082
31	28	98 190	17 353,098	285 577,893	16,457	15,989
32	29	98 107	16 395,579	268 224,794	16,360	15,892
33	30	98 019	15 490,254	251 829,216	16,257	15,790
34	31	97 916	14 632,635	236 338,961	16,151	15,684
35	32	97 810	13 822,018	221 706,326	16,040	15,573
36	33	97 698	13 055,505	207 884,309	15,923	15,456
37	34	97 579	12 330,576	194 828,804	15,800	15,333
38	35	97 444	11 643,965	182 498,228	15,673	15,206
39	36	97 300	10 994,552	170 854,263	15,540	15,072
40	37	97 147	10 380,397	159 859,710	15,400	14,933
41	38	96 981	9 799,175	149 479,314	15,254	14,787
42	39	96 793	9 248,417	139 680,139	15,103	14,636
43	40	96 595	8 727,698	130 431,722	14,945	14,477
44	41	96 380	8 234,784	121 704,024	14,779	14,312
45	42	96 136	7 767,275	113 469,240	14,609	14,141
46	43	95 871	7 324,736	105 701,965	14,431	13,963
47	44	95 576	6 905,094	98 377,229	14,247	13,779
48	45	95 257	6 507,856	91 472,135	14,056	13,588
49	46	94 894	6 130,587	84 964,279	13,859	13,392
50	47	94 497	5 772,983	78 833,693	13,656	13,188
51	48	94 054	5 433,482	73 060,710	13,446	12,979
52	49	93 556	5 110,864	67 627,228	13,232	12,764
53	50	93 006	4 804,543	62 516,364	13,012	12,544
54	51	92 398	4 513,581	57 711,821	12,786	12,319
55	52	91 710	4 236,374	53 198,240	12,557	12,090
56	53	90 955	3 973,051	48 961,865	12,323	11,856
57	54	90 124	3 722,690	44 988,814	12,085	11,617
58	55	89 204	3 484,368	41 266,124	11,843	11,376
59	56	88 190	3 257,430	37 781,756	11,599	11,131
60	57	87 089	3 041,863	34 524,326	11,350	10,882
61	58	85 894	2 837,010	31 482,463	11,097	10,629
62	59	84 595	2 642,179	28 645,452	10,842	10,374
63	60	83 192	2 457,060	26 003,274	10,583	10,116
64	61	81 679	2 281,208	23 546,213	10,322	9,854
65	62	80 057	2 114,335	21 265,006	10,058	9,590
66	63	78 339	1 956,463	19 150,671	9,788	9,321
67	64	76 518	1 807,082	17 194,208	9,515	9,047
68	65	74 579	1 665,532	15 387,126	9,239	8,771
69	66	72 566	1 532,451	13 721,594	8,954	8,486
70	67	70 412	1 406,121	12 189,143	8,669	8,201
71	68	68 189	1 287,683	10 783,022	8,374	7,906
72	69	65 813	1 175,235	9 495,340	8,080	7,612
73	70	63 349	1 069,729	8 320,105	7,778	7,310
74	71	60 753	970,108	7 250,375	7,474	7,006
75	72	58 058	876,664	6 280,268	7,164	6,696
76	73	55 275	789,257	5 403,603	6,846	6,379
77	74	52 346	706,802	4 614,346	6,528	6,061
78	75	49 320	629,730	3 907,544	6,205	5,738
79	76	46 172	557,482	3 277,814	5,880	5,412
80	77	42 896	489,769	2 720,332	5,554	5,087
81	78	39 513	426,608	2 230,562	5,229	4,761
82	79	35 949	367,021	1 803,954	4,915	4,448
83	80	32 289	311,738	1 436,933	4,609	4,142
84	81	28 578	260,900	1 125,195	4,313	3,845
85	82	24 841	214,458	864,295	4,030	3,563
86	83	21 143	172,603	649,837	3,765	3,297
87	84	17 596	135,839	477,234	3,513	3,046
88	85	14 276	104,219	341,395	3,276	2,808
89	86	11 228	77,511	237,176	3,060	2,592
90	87	8 557	55,859	159,665	2,858	2,391
91	88	6 304	38,911	103,806	2,668	2,200
92	89	4 472	26,104	64,896	2,486	2,018
93	90	3 015	16,645	38,791	2,331	1,863
94	91	1 945	10,152	22,147	2,181	1,714
95	92	1 182	5,833	11,994	2,056	1,589
96	93	682	3,182	6,161	1,936	1,469
97	94	365	1,613	2,979	1,848	1,380
98	95	187	0,779	1,367	1,755	1,287
99	96	89	0,352	0,588	1,672	1,204
100	97	39	0,146	0,236	1,614	1,146

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4	0	99 590	79 633,074	1 420 902,258	17,843	17,376
5	1	99 280	75 068,834	1 341 269,184	17,867	17,400
6	2	99 245	70 962,347	1 266 200,350	17,843	17,376
7	3	99 224	67 089,438	1 195 238,003	17,816	17,348
8	4	99 205	63 429,543	1 128 148,565	17,786	17,318
9	5	99 187	59 969,787	1 064 719,022	17,754	17,287
10	6	99 170	56 699,430	1 004 749,235	17,721	17,253
11	7	99 154	53 607,491	948 049,806	17,685	17,217
12	8	99 142	50 686,385	894 442,315	17,647	17,179
13	9	99 128	47 923,748	843 755,930	17,606	17,139
14	10	99 112	45 310,848	795 832,182	17,564	17,096
15	11	99 093	42 838,819	750 521,334	17,520	17,052
16	12	99 070	40 499,913	707 682,515	17,474	17,006
17	13	99 037	38 285,306	667 182,602	17,427	16,959
18	14	99 001	36 190,242	628 897,296	17,378	16,910
19	15	98 954	34 206,184	592 707,054	17,327	16,860
20	16	98 902	32 329,476	558 500,870	17,275	16,808
21	17	98 845	30 553,907	526 171,394	17,221	16,754
22	18	98 791	28 876,942	495 617,487	17,163	16,696
23	19	98 727	27 289,035	466 740,545	17,104	16,636
24	20	98 670	25 790,157	439 451,510	17,040	16,572
25	21	98 604	24 371,768	413 661,352	16,973	16,505
26	22	98 545	23 032,698	389 289,584	16,902	16,434
27	23	98 484	21 766,791	366 256,886	16,826	16,359
28	24	98 421	20 570,045	344 490,095	16,747	16,280
29	25	98 355	19 438,650	323 920,050	16,664	16,196
30	26	98 285	18 368,618	304 481,401	16,576	16,109
31	27	98 211	17 356,833	286 112,782	16,484	16,017
32	28	98 130	16 399,443	268 755,949	16,388	15,921
33	29	98 045	15 494,264	252 356,506	16,287	15,820
34	30	97 947	14 637,277	236 862,242	16,182	15,715
35	31	97 841	13 826,359	222 224,965	16,073	15,605
36	32	97 732	13 059,980	208 398,606	15,957	15,489
37	33	97 614	12 335,021	195 338,626	15,836	15,369
38	34	97 484	11 648,694	183 003,606	15,710	15,243
39	35	97 340	10 999,085	171 354,911	15,579	15,111
40	36	97 191	10 385,158	160 355,826	15,441	14,973
41	37	97 027	9 803,828	149 970,668	15,297	14,830
42	38	96 851	9 254,000	140 166,840	15,147	14,679
43	39	96 653	8 732,948	130 912,840	14,991	14,523
44	40	96 447	8 240,435	122 179,892	14,827	14,359
45	41	96 207	7 773,029	113 939,457	14,658	14,191
46	42	95 948	7 330,554	106 166,428	14,483	14,015
47	43	95 663	6 911,370	98 835,874	14,300	13,833
48	44	95 349	6 514,178	91 924,504	14,111	13,644
49	45	95 004	6 137,659	85 410,326	13,916	13,448
50	46	94 612	5 780,020	79 272,667	13,715	13,247
51	47	94 183	5 440,938	73 492,647	13,507	13,040
52	48	93 706	5 119,024	68 051,709	13,294	12,826
53	49	93 169	4 812,956	62 932,685	13,076	12,608
54	50	92 569	4 521,961	58 119,729	12,853	12,385
55	51	91 907	4 245,471	53 597,768	12,625	12,157
56	52	91 167	3 982,342	49 352,297	12,393	11,925
57	53	90 356	3 732,274	45 369,955	12,156	11,689
58	54	89 463	3 494,463	41 637,681	11,915	11,448
59	55	88 477	3 268,036	38 143,219	11,672	11,204
60	56	87 401	3 052,783	34 875,182	11,424	10,956
61	57	86 233	2 848,187	31 822,400	11,173	10,705
62	58	84 965	2 653,721	28 974,213	10,918	10,451
63	59	83 585	2 468,679	26 320,492	10,662	10,194
64	60	82 112	2 293,307	23 851,813	10,401	9,933
65	61	80 515	2 126,425	21 558,506	10,138	9,671
66	62	78 822	1 968,539	19 432,080	9,871	9,404
67	63	77 038	1 819,360	17 463,542	9,599	9,131
68	64	75 141	1 678,072	15 644,182	9,323	8,855
69	65	73 149	1 544,763	13 966,110	9,041	8,573
70	66	71 035	1 418,550	12 421,346	8,756	8,289
71	67	68 842	1 300,010	11 002,796	8,464	7,996
72	68	66 509	1 187,665	9 702,786	8,170	7,702
73	69	64 090	1 082,234	8 515,122	7,868	7,401
74	70	61 528	982,486	7 432,887	7,565	7,098
75	71	58 864	888,843	6 450,402	7,257	6,789
76	72	56 106	801,125	5 561,559	6,942	6,475
77	73	53 220	718,599	4 760,434	6,625	6,157
78	74	50 216	641,171	4 041,835	6,304	5,836
79	75	47 078	568,413	3 400,664	5,983	5,515
80	76	43 842	500,565	2 832,251	5,658	5,191
81	77	40 476	437,007	2 331,686	5,336	4,868
82	78	36 963	377,379	1 894,679	5,021	4,553
83	79	33 337	321,849	1 517,300	4,714	4,247
84	80	29 659	270,773	1 195,451	4,415	3,947
85	81	25 949	224,018	924,678	4,128	3,660
86	82	22 241	181,568	700,660	3,859	3,391
87	83	18 654	144,006	519,092	3,605	3,137
88	84	15 272	111,484	375,086	3,364	2,897
89	85	12 154	83,897	263,602	3,142	2,674
90	86	9 374	61,194	179,705	2,937	2,469
91	87	7 003	43,231	118,511	2,741	2,274
92	88	5 049	29,470	75,280	2,554	2,087
93	89	3 464	19,121	45,810	2,396	1,928
94	90	2 281	11,908	26,688	2,241	1,774
95	91	1 420	7,008	14,780	2,109	1,641
96	92	839	3,916	7,772	1,985	1,517
97	93	462	2,039	3,856	1,891	1,424
98	94	242	1,012	1,817	1,796	1,329
99	95	119	0,471	0,806	1,712	1,244
100	96	55	0,205	0,335	1,634	1,167

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5	0	99 579	75 295,121	1 342 101,999	17,825	17,357
6	1	99 270	70 979,946	1 266 806,878	17,847	17,380
7	2	99 236	67 097,774	1 195 826,932	17,822	17,355
8	3	99 215	63 436,085	1 128 729,158	17,793	17,326
9	4	99 197	59 975,526	1 065 293,074	17,762	17,295
10	5	99 179	56 704,481	1 005 317,548	17,729	17,261
11	6	99 163	53 612,234	948 613,067	17,694	17,226
12	7	99 146	50 688,740	895 000,834	17,657	17,189
13	8	99 135	47 927,088	844 312,094	17,617	17,149
14	9	99 118	45 313,620	796 385,006	17,575	17,107
15	10	99 099	42 841,325	751 071,386	17,531	17,064
16	11	99 077	40 503,045	708 230,061	17,486	17,018
17	12	99 045	38 288,313	667 727,016	17,439	16,972
18	13	99 010	36 193,652	629 438,704	17,391	16,923
19	14	98 963	34 209,338	593 245,052	17,342	16,874
20	15	98 914	32 333,410	559 035,714	17,290	16,822
21	16	98 860	30 558,407	526 702,304	17,236	16,768
22	17	98 805	28 880,874	496 143,897	17,179	16,711
23	18	98 747	27 294,413	467 263,023	17,119	16,652
24	19	98 687	25 794,666	439 968,610	17,057	16,589
25	20	98 623	24 376,275	414 173,944	16,991	16,523
26	21	98 561	23 036,497	389 797,669	16,921	16,453
27	22	98 500	21 770,335	366 761,172	16,847	16,379
28	23	98 438	20 573,748	344 990,837	16,768	16,301
29	24	98 373	19 442,148	324 417,089	16,686	16,219
30	25	98 304	18 372,113	304 974,941	16,600	16,132
31	26	98 230	17 360,100	286 602,828	16,509	16,042
32	27	98 151	16 402,973	269 242,728	16,414	15,947
33	28	98 068	15 497,916	252 839,755	16,314	15,847
34	29	97 973	14 641,066	237 341,839	16,211	15,743
35	30	97 872	13 830,745	222 700,774	16,102	15,634
36	31	97 763	13 064,082	208 870,029	15,988	15,521
37	32	97 648	12 339,249	195 805,947	15,869	15,401
38	33	97 519	11 652,893	183 466,698	15,744	15,277
39	34	97 380	11 003,553	171 813,805	15,614	15,147
40	35	97 232	10 389,440	160 810,252	15,478	15,011
41	36	97 071	9 808,325	150 420,812	15,336	14,868
42	37	96 897	9 258,394	140 612,487	15,188	14,720
43	38	96 712	8 738,219	131 354,093	15,032	14,565
44	39	96 505	8 245,391	122 615,873	14,871	14,403
45	40	96 273	7 778,363	114 370,482	14,704	14,236
46	41	96 019	7 335,985	106 592,119	14,530	14,062
47	42	95 739	6 916,860	99 256,135	14,350	13,882
48	43	95 436	6 520,099	92 339,274	14,162	13,695
49	44	95 096	6 143,622	85 819,175	13,969	13,501
50	45	94 722	5 786,688	79 675,554	13,769	13,301
51	46	94 298	5 447,571	73 888,866	13,564	13,096
52	47	93 834	5 126,048	68 441,296	13,352	12,884
53	48	93 318	4 820,641	63 315,248	13,134	12,667
54	49	92 731	4 529,880	58 494,607	12,913	12,445
55	50	92 077	4 253,353	53 964,727	12,688	12,220
56	51	91 363	3 990,893	49 711,374	12,456	11,989
57	52	90 567	3 741,001	45 720,481	12,221	11,754
58	53	89 693	3 503,458	41 979,479	11,982	11,515
59	54	88 733	3 277,504	38 476,021	11,739	11,272
60	55	87 686	3 062,723	35 198,517	11,493	11,025
61	56	86 542	2 858,411	32 135,795	11,243	10,775
62	57	85 299	2 664,175	29 277,383	10,989	10,522
63	58	83 950	2 479,463	26 613,208	10,733	10,266
64	59	82 500	2 304,151	24 133,745	10,474	10,006
65	60	80 942	2 137,704	21 829,593	10,212	9,744
66	61	79 273	1 979,795	19 691,890	9,946	9,479
67	62	77 513	1 830,590	17 712,094	9,676	9,208
68	63	75 651	1 689,474	15 881,504	9,400	8,933
69	64	73 700	1 556,394	14 192,030	9,119	8,651
70	65	71 606	1 429,948	12 635,636	8,836	8,369
71	66	69 451	1 311,501	11 205,689	8,544	8,077
72	67	67 146	1 199,034	9 894,187	8,252	7,784
73	68	64 768	1 093,680	8 695,153	7,950	7,483
74	69	62 247	993,971	7 601,473	7,648	7,180
75	70	59 616	900,184	6 607,502	7,340	6,873
76	71	56 885	812,254	5 707,318	7,027	6,559
77	72	54 020	729,404	4 895,064	6,711	6,243
78	73	51 054	651,872	4 165,660	6,390	5,923
79	74	47 933	578,740	3 513,788	6,071	5,604
80	75	44 702	510,380	2 935,048	5,751	5,283
81	76	41 368	446,640	2 424,668	5,429	4,961
82	77	37 864	386,578	1 978,029	5,117	4,649
83	78	34 278	330,932	1 591,450	4,809	4,341
84	79	30 621	279,555	1 260,518	4,509	4,041
85	80	26 931	232,495	980,963	4,219	3,752
86	81	23 232	189,662	748,468	3,946	3,479
87	82	19 623	151,486	558,806	3,689	3,221
88	83	16 190	118,186	407,320	3,446	2,979
89	84	13 001	89,745	289,134	3,222	2,754
90	85	10 147	66,236	199,388	3,010	2,543
91	86	7 672	47,360	133,152	2,811	2,344
92	87	5 609	32,742	85,792	2,620	2,153
93	88	3 911	21,587	53,050	2,458	1,990
94	89	2 621	13,680	31,463	2,300	1,832
95	90	1 665	8,220	17,783	2,163	1,696
96	91	1 008	4,704	9,562	2,033	1,565
97	92	568	2,509	4,858	1,936	1,469
98	93	306	1,279	2,349	1,837	1,369
99	94	155	0,611	1,070	1,750	1,282
100	95	73	0,274	0,458	1,671	1,204

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	71 193,908	1 267 576,645	17,805	17,337
7	1	99 261	67 114,414	1 196 382,737	17,826	17,358
8	2	99 228	63 443,966	1 129 268,323	17,799	17,332
9	3	99 207	59 981,711	1 065 824,357	17,769	17,302
10	4	99 189	56 709,907	1 005 842,646	17,737	17,269
11	5	99 171	53 617,010	949 132,738	17,702	17,235
12	6	99 155	50 693,224	895 515,729	17,665	17,198
13	7	99 139	47 929,315	844 822,505	17,626	17,159
14	8	99 125	45 316,778	796 893,190	17,585	17,117
15	9	99 105	42 843,946	751 576,412	17,542	17,075
16	10	99 083	40 505,415	708 732,467	17,497	17,030
17	11	99 053	38 291,274	668 227,052	17,451	16,984
18	12	99 018	36 196,494	629 935,779	17,403	16,936
19	13	98 972	34 212,561	593 739,284	17,354	16,887
20	14	98 923	32 336,391	559 526,723	17,303	16,836
21	15	98 872	30 562,125	527 190,332	17,250	16,782
22	16	98 819	28 885,128	496 628,207	17,193	16,726
23	17	98 760	27 298,130	467 743,079	17,135	16,667
24	18	98 706	25 799,749	440 444,949	17,072	16,604
25	19	98 640	24 380,536	414 645,200	17,007	16,540
26	20	98 579	23 040,757	390 264,664	16,938	16,470
27	21	98 516	21 773,926	367 223,907	16,865	16,398
28	22	98 454	20 577,098	345 449,982	16,788	16,321
29	23	98 391	19 445,648	324 872,884	16,707	16,239
30	24	98 322	18 375,419	305 427,236	16,622	16,154
31	25	98 249	17 363,403	287 051,817	16,532	16,064
32	26	98 169	16 406,060	269 688,414	16,438	15,971
33	27	98 089	15 501,251	253 282,353	16,339	15,872
34	28	97 996	14 644,516	237 781,102	16,237	15,769
35	29	97 897	13 834,325	223 136,585	16,129	15,662
36	30	97 794	13 068,226	209 302,260	16,016	15,549
37	31	97 679	12 343,124	196 234,034	15,898	15,431
38	32	97 552	11 656,887	183 890,910	15,775	15,308
39	33	97 415	11 007,519	172 234,023	15,647	15,179
40	34	97 271	10 393,660	161 226,504	15,512	15,044
41	35	97 111	9 812,369	150 832,844	15,372	14,904
42	36	96 942	9 262,641	141 020,474	15,225	14,757
43	37	96 758	8 742,369	131 757,833	15,071	14,604
44	38	96 563	8 250,368	123 015,464	14,910	14,443
45	39	96 331	7 783,041	114 765,096	14,746	14,278
46	40	96 085	7 341,019	106 982,055	14,573	14,106
47	41	95 809	6 921,984	99 641,036	14,395	13,927
48	42	95 512	6 525,278	92 719,052	14,209	13,742
49	43	95 183	6 149,205	86 193,773	14,017	13,549
50	44	94 814	5 792,309	80 044,568	13,819	13,352
51	45	94 407	5 453,855	74 252,258	13,615	13,147
52	46	93 949	5 132,297	68 798,404	13,405	12,937
53	47	93 446	4 827,255	63 666,107	13,189	12,721
54	48	92 879	4 537,112	58 838,852	12,968	12,501
55	49	92 238	4 260,802	54 301,739	12,744	12,277
56	50	91 533	3 998,303	50 040,938	12,516	12,048
57	51	90 761	3 749,034	46 042,635	12,281	11,814
58	52	89 903	3 511,651	42 293,601	12,044	11,576
59	53	88 961	3 285,941	38 781,950	11,802	11,335
60	54	87 940	3 071,596	35 496,009	11,556	11,089
61	55	86 824	2 867,718	32 424,413	11,307	10,839
62	56	85 606	2 673,739	29 556,695	11,054	10,587
63	57	84 281	2 489,231	26 882,955	10,800	10,332
64	58	82 861	2 314,217	24 393,724	10,541	10,073
65	59	81 324	2 147,812	22 079,508	10,280	9,812
66	60	79 693	1 990,296	19 931,695	10,014	9,547
67	61	77 957	1 841,058	17 941,399	9,745	9,278
68	62	76 118	1 699,902	16 100,341	9,471	9,004
69	63	74 200	1 566,969	14 400,439	9,190	8,722
70	64	72 145	1 440,714	12 833,470	8,908	8,440
71	65	70 009	1 322,039	11 392,756	8,618	8,150
72	66	67 739	1 209,633	10 070,718	8,325	7,858
73	67	65 388	1 104,150	8 861,085	8,025	7,558
74	68	62 906	1 004,483	7 756,935	7,722	7,255
75	69	60 312	910,707	6 752,452	7,415	6,947
76	70	57 611	822,618	5 841,744	7,101	6,634
77	71	54 771	739,537	5 019,126	6,787	6,319
78	72	51 822	661,674	4 279,590	6,468	6,000
79	73	48 733	588,399	3 617,916	6,149	5,681
80	74	45 514	519,652	3 029,516	5,830	5,362
81	75	42 179	455,398	2 509,864	5,511	5,044
82	76	38 699	395,099	2 054,467	5,200	4,732
83	77	35 113	338,999	1 659,368	4,895	4,427
84	78	31 485	287,445	1 320,369	4,593	4,126
85	79	27 804	240,036	1 032,924	4,303	3,836
86	80	24 111	196,839	792,888	4,028	3,561
87	81	20 498	158,239	596,049	3,767	3,299
88	82	17 031	124,325	437,811	3,521	3,054
89	83	13 782	95,141	313,485	3,295	2,827
90	84	10 854	70,853	218,344	3,082	2,614
91	85	8 305	51,263	147,491	2,877	2,410
92	86	6 145	35,869	96,228	2,683	2,215
93	87	4 345	23,984	60,359	2,517	2,049
94	88	2 959	15,444	36,375	2,355	1,888
95	89	1 913	9,443	20,931	2,216	1,749
96	90	1 182	5,518	11,488	2,082	1,614
97	91	683	3,014	5,970	1,980	1,513
98	92	377	1,574	2,955	1,877	1,410
99	93	196	0,773	1,381	1,787	1,319
100	94	95	0,356	0,608	1,707	1,239

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 560	67 316,724	1 197 094,173	17,783	17,315
8	1	99 252	63 459,700	1 129 777,449	17,803	17,335
9	2	99 219	59 989,164	1 066 317,749	17,775	17,308
10	3	99 199	56 715,756	1 006 328,585	17,743	17,276
11	4	99 181	53 622,141	949 612,829	17,709	17,242
12	5	99 164	50 697,740	895 990,688	17,673	17,206
13	6	99 148	47 933,555	845 292,948	17,635	17,167
14	7	99 130	45 318,883	797 359,393	17,594	17,127
15	8	99 112	42 846,931	752 040,510	17,552	17,084
16	9	99 089	40 507,892	709 193,579	17,508	17,040
17	10	99 058	38 293,513	668 685,687	17,462	16,995
18	11	99 025	36 199,294	630 392,173	17,414	16,947
19	12	98 980	34 215,248	594 192,879	17,366	16,899
20	13	98 933	32 339,438	559 977,632	17,316	16,848
21	14	98 881	30 564,943	527 638,193	17,263	16,795
22	15	98 832	28 888,643	497 073,250	17,207	16,739
23	16	98 775	27 302,150	468 184,607	17,148	16,681
24	17	98 720	25 803,263	440 882,458	17,086	16,619
25	18	98 659	24 385,341	415 079,195	17,022	16,554
26	19	98 597	23 044,785	390 693,854	16,954	16,486
27	20	98 534	21 777,952	367 649,070	16,882	16,414
28	21	98 471	20 580,491	345 871,118	16,806	16,338
29	22	98 407	19 448,814	325 290,626	16,725	16,258
30	23	98 339	18 378,727	305 841,812	16,641	16,174
31	24	98 266	17 366,528	287 463,085	16,553	16,085
32	25	98 188	16 409,182	270 096,557	16,460	15,993
33	26	98 107	15 504,169	253 687,375	16,363	15,895
34	27	98 017	14 647,668	238 183,206	16,261	15,793
35	28	97 920	13 837,586	223 535,538	16,154	15,687
36	29	97 819	13 071,609	209 697,952	16,042	15,575
37	30	97 709	12 347,040	196 626,343	15,925	15,457
38	31	97 583	11 660,549	184 279,303	15,804	15,336
39	32	97 448	11 011,292	172 618,755	15,677	15,209
40	33	97 306	10 397,406	161 607,463	15,543	15,075
41	34	97 151	9 816,355	151 210,057	15,404	14,936
42	35	96 982	9 266,460	141 393,702	15,259	14,791
43	36	96 802	8 746,379	132 127,242	15,107	14,639
44	37	96 609	8 254,286	123 380,863	14,947	14,480
45	38	96 389	7 787,739	115 126,576	14,783	14,315
46	39	96 142	7 345,434	107 338,837	14,613	14,145
47	40	95 875	6 926,734	99 993,403	14,436	13,968
48	41	95 583	6 530,112	93 066,669	14,252	13,784
49	42	95 258	6 154,090	86 536,556	14,062	13,594
50	43	94 900	5 797,574	80 382,466	13,865	13,397
51	44	94 498	5 459,153	74 584,892	13,662	13,195
52	45	94 057	5 138,217	69 125,739	13,453	12,986
53	46	93 560	4 833,140	63 987,521	13,239	12,772
54	47	93 007	4 543,338	59 154,382	13,020	12,552
55	48	92 386	4 267,604	54 611,044	12,797	12,329
56	49	91 693	4 005,304	50 343,439	12,569	12,102
57	50	90 930	3 755,995	46 338,135	12,337	11,870
58	51	90 096	3 519,192	42 582,140	12,100	11,632
59	52	89 169	3 293,625	39 062,949	11,860	11,393
60	53	88 166	3 079,503	35 769,324	11,615	11,148
61	54	87 075	2 876,026	32 689,821	11,366	10,899
62	55	85 884	2 682,445	29 813,795	11,114	10,647
63	56	84 583	2 498,167	27 131,350	10,861	10,393
64	57	83 187	2 323,334	24 633,183	10,603	10,135
65	58	81 680	2 157,195	22 309,849	10,342	9,874
66	59	80 070	1 999,707	20 152,654	10,078	9,610
67	60	78 370	1 850,823	18 152,947	9,808	9,340
68	61	76 554	1 709,623	16 302,124	9,536	9,068
69	62	74 658	1 576,641	14 592,501	9,255	8,788
70	63	72 635	1 450,503	13 015,860	8,973	8,506
71	64	70 536	1 331,992	11 565,357	8,683	8,215
72	65	68 284	1 219,352	10 233,365	8,392	7,925
73	66	65 966	1 113,910	9 014,013	8,092	7,625
74	67	63 508	1 014,099	7 900,103	7,790	7,323
75	68	60 950	920,339	6 886,004	7,482	7,014
76	69	58 285	832,234	5 965,665	7,168	6,701
77	70	55 470	748,973	5 133,431	6,854	6,386
78	71	52 542	670,866	4 384,458	6,536	6,068
79	72	49 466	597,246	3 713,591	6,218	5,750
80	73	46 273	528,325	3 116,345	5,899	5,431
81	74	42 946	463,671	2 588,020	5,582	5,114
82	75	39 458	402,846	2 124,349	5,273	4,806
83	76	35 887	346,471	1 721,503	4,969	4,501
84	77	32 253	294,452	1 375,032	4,670	4,202
85	78	28 589	246,810	1 080,580	4,378	3,911
86	79	24 893	203,223	833,770	4,103	3,635
87	80	21 273	164,227	630,547	3,839	3,372
88	81	17 790	129,867	466,320	3,591	3,123
89	82	14 498	100,083	336,453	3,362	2,894
90	83	11 507	75,113	236,370	3,147	2,679
91	84	8 883	54,836	161,257	2,941	2,473
92	85	6 651	38,825	106,421	2,741	2,273
93	86	4 760	26,274	67,596	2,573	2,105
94	87	3 287	17,159	41,322	2,408	1,941
95	88	2 160	10,661	24,162	2,266	1,799
96	89	1 358	6,339	13,502	2,130	1,662
97	90	801	3,536	7,162	2,026	1,558
98	91	453	1,891	3,626	1,918	1,450
99	92	241	0,951	1,735	1,824	1,357
100	93	121	0,450	0,784	1,741	1,273

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 552	63 650,993	1 130 434,967	17,760	17,292
9	1	99 244	60 004,041	1 066 783,973	17,779	17,311
10	2	99 211	56 722,803	1 006 779,932	17,749	17,282
11	3	99 191	53 627,671	950 057,130	17,716	17,248
12	4	99 173	50 702,592	896 429,458	17,680	17,213
13	5	99 157	47 937,825	845 726,867	17,642	17,175
14	6	99 139	45 322,892	797 789,042	17,602	17,135
15	7	99 116	42 848,922	752 466,149	17,561	17,093
16	8	99 096	40 510,715	709 617,228	17,517	17,049
17	9	99 065	38 295,856	669 106,512	17,472	17,004
18	10	99 031	36 201,411	630 810,656	17,425	16,957
19	11	98 988	34 217,894	594 609,245	17,377	16,910
20	12	98 940	32 341,978	560 391,351	17,327	16,859
21	13	98 890	30 567,823	528 049,373	17,275	16,807
22	14	98 841	28 891,306	497 481,550	17,219	16,751
23	15	98 787	27 305,472	468 590,243	17,161	16,693
24	16	98 734	25 807,063	441 284,771	17,099	16,632
25	17	98 673	24 388,662	415 477,709	17,036	16,568
26	18	98 616	23 049,326	391 089,047	16,967	16,500
27	19	98 551	21 781,759	368 039,721	16,897	16,429
28	20	98 489	20 584,297	346 257,962	16,821	16,354
29	21	98 423	19 452,022	325 673,665	16,742	16,275
30	22	98 355	18 381,720	306 221,644	16,659	16,191
31	23	98 284	17 369,654	287 839,924	16,571	16,104
32	24	98 206	16 412,135	270 470,270	16,480	16,012
33	25	98 126	15 507,119	254 058,135	16,383	15,916
34	26	98 035	14 650,426	238 551,016	16,283	15,815
35	27	97 942	13 840,564	223 900,590	16,177	15,710
36	28	97 842	13 074,690	210 060,026	16,066	15,599
37	29	97 735	12 350,236	196 985,337	15,950	15,482
38	30	97 614	11 664,248	184 635,101	15,829	15,362
39	31	97 479	11 014,751	172 970,853	15,704	15,236
40	32	97 339	10 400,970	161 956,103	15,571	15,104
41	33	97 186	9 819,893	151 555,133	15,433	14,966
42	34	97 021	9 270,224	141 735,240	15,289	14,822
43	35	96 842	8 749,985	132 465,016	15,139	14,671
44	36	96 653	8 258,073	123 715,031	14,981	14,514
45	37	96 435	7 791,438	115 456,958	14,818	14,351
46	38	96 200	7 349,868	107 665,520	14,649	14,181
47	39	95 933	6 930,901	100 315,652	14,474	14,006
48	40	95 648	6 534,593	93 384,751	14,291	13,823
49	41	95 329	6 158,649	86 850,158	14,102	13,635
50	42	94 975	5 802,180	80 691,509	13,907	13,440
51	43	94 584	5 464,115	74 889,330	13,706	13,238
52	44	94 149	5 143,209	69 425,215	13,498	13,031
53	45	93 668	4 838,715	64 282,005	13,285	12,817
54	46	93 120	4 548,876	59 443,290	13,068	12,600
55	47	92 512	4 273,460	54 894,414	12,845	12,378
56	48	91 839	4 011,699	50 620,954	12,618	12,151
57	49	91 089	3 762,572	46 609,255	12,388	11,920
58	50	90 263	3 525,725	42 846,683	12,153	11,685
59	51	89 361	3 300,697	39 320,957	11,913	11,445
60	52	88 373	3 086,704	36 020,260	11,669	11,202
61	53	87 300	2 883,430	32 933,556	11,422	10,954
62	54	86 133	2 690,216	30 050,126	11,170	10,703
63	55	84 859	2 506,301	27 359,910	10,916	10,449
64	56	83 486	2 331,674	24 853,609	10,659	10,192
65	57	82 001	2 165,693	22 521,934	10,399	9,932
66	58	80 420	2 008,443	20 356,241	10,135	9,668
67	59	78 741	1 859,575	18 347,798	9,867	9,399
68	60	76 960	1 718,690	16 488,223	9,593	9,126
69	61	75 085	1 585,657	14 769,533	9,314	8,847
70	62	73 083	1 459,456	13 183,876	9,033	8,566
71	63	71 015	1 341,043	11 724,420	8,743	8,275
72	64	68 798	1 228,532	10 383,378	8,452	7,984
73	65	66 496	1 122,860	9 154,845	8,153	7,686
74	66	64 069	1 023,063	8 031,986	7,851	7,383
75	67	61 534	929,150	7 008,922	7,543	7,076
76	68	58 901	841,036	6 079,773	7,229	6,761
77	69	56 118	757,728	5 238,737	6,914	6,446
78	70	53 212	679,426	4 481,008	6,595	6,128
79	71	50 153	605,543	3 801,582	6,278	5,810
80	72	46 969	536,269	3 196,039	5,960	5,492
81	73	43 663	471,410	2 659,769	5,642	5,175
82	74	40 174	410,165	2 188,360	5,335	4,868
83	75	36 591	353,265	1 778,195	5,034	4,566
84	76	32 964	300,942	1 424,930	4,735	4,267
85	77	29 286	252,826	1 123,988	4,446	3,978
86	78	25 596	208,959	871,162	4,169	3,701
87	79	21 963	169,553	662,203	3,906	3,438
88	80	18 463	134,782	492,650	3,655	3,188
89	81	15 144	104,544	357,868	3,423	2,956
90	82	12 104	79,015	253,324	3,206	2,738
91	83	9 417	58,133	174,309	2,998	2,531
92	84	7 115	41,531	116,177	2,797	2,330
93	85	5 152	28,439	74,646	2,625	2,157
94	86	3 601	18,798	46,206	2,458	1,990
95	87	2 400	11,845	27,408	2,314	1,846
96	88	1 533	7,156	15,564	2,175	1,707
97	89	920	4,062	8,407	2,070	1,602
98	90	531	2,218	4,345	1,959	1,491
99	91	290	1,143	2,127	1,861	1,393
100	92	149	0,554	0,984	1,775	1,308

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9	0	99 543	60 184,917	1 067 391,689	17,735	17,268
10	1	99 236	56 736,870	1 007 206,772	17,752	17,285
11	2	99 204	53 634,334	950 469,902	17,721	17,254
12	3	99 184	50 707,821	896 835,568	17,686	17,219
13	4	99 166	47 942,412	846 127,747	17,649	17,181
14	5	99 147	45 326,930	798 185,335	17,610	17,142
15	6	99 125	42 852,713	752 858,405	17,569	17,101
16	7	99 101	40 512,597	710 005,692	17,526	17,058
17	8	99 071	38 298,525	669 493,094	17,481	17,013
18	9	99 037	36 203,626	631 194,569	17,435	16,967
19	10	98 993	34 219,896	594 990,944	17,387	16,920
20	11	98 948	32 344,479	560 771,048	17,337	16,870
21	12	98 898	30 570,224	528 426,569	17,286	16,818
22	13	98 850	28 894,029	497 856,345	17,230	16,763
23	14	98 796	27 307,990	468 962,317	17,173	16,706
24	15	98 746	25 810,203	441 654,327	17,112	16,644
25	16	98 687	24 392,253	415 844,124	17,048	16,581
26	17	98 630	23 052,465	391 451,871	16,981	16,513
27	18	98 571	21 786,051	368 399,406	16,910	16,442
28	19	98 506	20 587,896	346 613,355	16,836	16,368
29	20	98 441	19 455,619	326 025,459	16,757	16,290
30	21	98 371	18 384,751	306 569,841	16,675	16,208
31	22	98 300	17 372,483	288 185,089	16,589	16,121
32	23	98 223	16 415,089	270 812,607	16,498	16,030
33	24	98 144	15 509,910	254 397,518	16,402	15,935
34	25	98 054	14 653,213	238 887,608	16,303	15,835
35	26	97 960	13 843,169	224 234,395	16,198	15,731
36	27	97 863	13 077,504	210 391,226	16,088	15,620
37	28	97 758	12 353,147	197 313,722	15,973	15,505
38	29	97 639	11 667,267	184 960,575	15,853	15,385
39	30	97 510	11 018,245	173 293,309	15,728	15,260
40	31	97 370	10 404,237	162 275,064	15,597	15,129
41	32	97 219	9 823,259	151 870,827	15,460	14,993
42	33	97 056	9 273,565	142 047,568	15,317	14,850
43	34	96 881	8 753,539	132 774,002	15,168	14,700
44	35	96 693	8 261,478	124 020,463	15,012	14,544
45	36	96 479	7 795,012	115 758,986	14,850	14,383
46	37	96 246	7 353,358	107 963,974	14,682	14,215
47	38	95 991	6 935,084	100 610,616	14,507	14,040
48	39	95 706	6 538,524	93 675,532	14,327	13,859
49	40	95 394	6 162,875	87 137,008	14,139	13,671
50	41	95 046	5 806,478	80 974,133	13,945	13,478
51	42	94 659	5 468,456	75 167,655	13,746	13,278
52	43	94 234	5 147,884	69 699,199	13,539	13,072
53	44	93 759	4 843,416	64 551,315	13,328	12,860
54	45	93 228	4 554,124	59 707,899	13,111	12,643
55	46	92 625	4 278,670	55 153,776	12,890	12,423
56	47	91 966	4 017,204	50 875,106	12,664	12,197
57	48	91 235	3 768,579	46 857,902	12,434	11,966
58	49	90 421	3 531,899	43 089,323	12,200	11,732
59	50	89 527	3 306,826	39 557,423	11,962	11,495
60	51	88 562	3 093,332	36 250,598	11,719	11,251
61	52	87 504	2 890,173	33 157,266	11,472	11,005
62	53	86 355	2 697,142	30 267,093	11,222	10,754
63	54	85 105	2 513,562	27 569,951	10,968	10,501
64	55	83 757	2 339,266	25 056,389	10,711	10,244
65	56	82 296	2 173,468	22 717,123	10,452	9,984
66	57	80 737	2 016,355	20 543,656	10,189	9,721
67	58	79 085	1 867,698	18 527,300	9,920	9,452
68	59	77 324	1 726,817	16 659,602	9,648	9,180
69	60	75 484	1 594,067	14 932,785	9,368	8,900
70	61	73 501	1 467,802	13 338,718	9,088	8,620
71	62	71 453	1 349,320	11 870,916	8,798	8,330
72	63	69 265	1 236,880	10 521,596	8,507	8,039
73	64	66 996	1 131,314	9 284,716	8,207	7,739
74	65	64 584	1 031,283	8 153,403	7,906	7,438
75	66	62 078	937,363	7 122,119	7,598	7,130
76	67	59 465	849,087	6 184,757	7,284	6,816
77	68	56 712	765,742	5 335,669	6,968	6,500
78	69	53 834	687,368	4 569,927	6,648	6,181
79	70	50 793	613,270	3 882,559	6,331	5,863
80	71	47 622	543,719	3 269,289	6,013	5,545
81	72	44 319	478,498	2 725,569	5,696	5,229
82	73	40 845	417,011	2 247,072	5,389	4,921
83	74	37 256	359,683	1 830,061	5,088	4,620
84	75	33 610	306,843	1 470,378	4,792	4,324
85	76	29 931	258,399	1 163,535	4,503	4,035
86	77	26 220	214,053	905,136	4,229	3,761
87	78	22 583	174,338	691,084	3,964	3,496
88	79	19 062	139,153	516,746	3,714	3,246
89	80	15 718	108,500	377,593	3,480	3,013
90	81	12 644	82,537	269,092	3,260	2,793
91	82	9 907	61,152	186,555	3,051	2,583
92	83	7 543	44,028	125,403	2,848	2,381
93	84	5 511	30,422	81,375	2,675	2,207
94	85	3 898	20,347	50,953	2,504	2,037
95	86	2 629	12,976	30,607	2,359	1,891
96	87	1 704	7,951	17,631	2,217	1,750
97	88	1 039	4,586	9,679	2,111	1,643
98	89	611	2,548	5,094	1,999	1,531
99	90	340	1,341	2,545	1,899	1,431
100	91	178	0,666	1,205	1,809	1,341

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10	0	99 535	56 907,898	1 007 768,514	17,709	17,241
11	1	99 228	53 647,635	950 860,616	17,724	17,257
12	2	99 196	50 714,121	897 212,981	17,692	17,224
13	3	99 177	47 947,357	846 498,860	17,655	17,187
14	4	99 157	45 331,268	798 551,503	17,616	17,148
15	5	99 134	42 856,530	753 220,235	17,575	17,108
16	6	99 109	40 516,182	710 363,705	17,533	17,065
17	7	99 076	38 300,304	669 847,523	17,489	17,022
18	8	99 044	36 206,149	631 547,219	17,443	16,976
19	9	98 999	34 221,989	595 341,070	17,396	16,929
20	10	98 954	32 346,371	561 119,081	17,347	16,880
21	11	98 905	30 572,588	528 772,710	17,296	16,828
22	12	98 858	28 896,298	498 200,122	17,241	16,773
23	13	98 805	27 310,563	469 303,824	17,184	16,716
24	14	98 755	25 812,583	441 993,261	17,123	16,656
25	15	98 699	24 395,221	416 180,678	17,060	16,592
26	16	98 644	23 055,859	391 785,457	16,993	16,525
27	17	98 584	21 789,018	368 729,597	16,923	16,455
28	18	98 525	20 591,953	346 940,579	16,848	16,381
29	19	98 458	19 459,020	326 348,627	16,771	16,303
30	20	98 390	18 388,151	306 889,607	16,690	16,222
31	21	98 316	17 375,348	288 501,456	16,604	16,136
32	22	98 239	16 417,762	271 126,108	16,514	16,047
33	23	98 161	15 512,701	254 708,346	16,419	15,952
34	24	98 072	14 655,850	239 195,645	16,321	15,853
35	25	97 979	13 845,803	224 539,795	16,217	15,750
36	26	97 881	13 079,965	210 693,992	16,108	15,641
37	27	97 779	12 355,805	197 614,026	15,994	15,526
38	28	97 662	11 670,017	185 258,221	15,875	15,407
39	29	97 535	11 021,097	173 588,204	15,751	15,283
40	30	97 401	10 407,537	162 567,108	15,620	15,153
41	31	97 250	9 826,344	152 159,570	15,485	15,017
42	32	97 089	9 276,744	142 333,226	15,343	14,875
43	33	96 916	8 756,694	133 056,482	15,195	14,727
44	34	96 732	8 264,833	124 299,787	15,040	14,572
45	35	96 519	7 798,226	116 034,954	14,880	14,412
46	36	96 290	7 356,731	108 236,729	14,713	14,245
47	37	96 036	6 938,378	100 879,997	14,539	14,072
48	38	95 763	6 542,470	93 941,620	14,359	13,891
49	39	95 452	6 166,582	87 399,149	14,173	13,705
50	40	95 111	5 810,462	81 232,567	13,980	13,513
51	41	94 730	5 472,507	75 422,105	13,782	13,314
52	42	94 309	5 151,973	69 949,598	13,577	13,110
53	43	93 844	4 847,818	64 797,625	13,366	12,899
54	44	93 318	4 558,548	59 949,807	13,151	12,683
55	45	92 732	4 283,605	55 391,259	12,931	12,463
56	46	92 078	4 022,101	51 107,654	12,707	12,239
57	47	91 360	3 773,751	47 085,553	12,477	12,010
58	48	90 566	3 537,538	43 311,802	12,243	11,776
59	49	89 684	3 312,616	39 774,264	12,007	11,539
60	50	88 727	3 099,075	36 461,648	11,765	11,298
61	51	87 692	2 896,379	33 362,572	11,519	11,051
62	52	86 557	2 703,449	30 466,193	11,269	10,802
63	53	85 324	2 520,033	27 762,745	11,017	10,549
64	54	84 000	2 346,043	25 242,712	10,760	10,292
65	55	82 564	2 180,545	22 896,669	10,500	10,033
66	56	81 027	2 023,594	20 716,125	10,237	9,770
67	57	79 396	1 875,056	18 692,531	9,969	9,501
68	58	77 661	1 734,361	16 817,475	9,697	9,229
69	59	75 841	1 601,605	15 083,114	9,418	8,950
70	60	73 891	1 475,587	13 481,509	9,136	8,669
71	61	71 862	1 357,036	12 005,922	8,847	8,380
72	62	69 693	1 244,514	10 648,886	8,557	8,089
73	63	67 451	1 139,001	9 404,372	8,257	7,789
74	64	65 070	1 039,048	8 265,371	7,955	7,487
75	65	62 577	944,894	7 226,324	7,648	7,180
76	66	59 991	856,593	6 281,430	7,333	6,865
77	67	57 254	773,073	5 424,837	7,017	6,550
78	68	54 404	694,638	4 651,764	6,697	6,229
79	69	51 386	620,439	3 957,126	6,378	5,910
80	70	48 229	550,657	3 336,687	6,059	5,592
81	71	44 935	485,145	2 786,030	5,743	5,275
82	72	41 459	423,281	2 300,885	5,436	4,968
83	73	37 877	365,686	1 877,604	5,134	4,667
84	74	34 221	312,417	1 511,918	4,839	4,372
85	75	30 518	263,466	1 199,501	4,553	4,085
86	76	26 798	218,771	936,035	4,279	3,811
87	77	23 134	178,588	717,265	4,016	3,549
88	78	19 600	143,080	538,677	3,765	3,297
89	79	16 227	112,019	395,596	3,531	3,064
90	80	13 122	85,660	283,577	3,310	2,843
91	81	10 348	63,878	197,917	3,098	2,631
92	82	7 934	46,315	134,039	2,894	2,426
93	83	5 843	32,251	87,723	2,720	2,252
94	84	4 170	21,765	55,473	2,549	2,081
95	85	2 846	14,045	33,708	2,400	1,932
96	86	1 866	8,710	19,663	2,257	1,790
97	87	1 154	5,095	10,952	2,150	1,682
98	88	689	2,877	5,857	2,036	1,568
99	89	390	1,540	2,980	1,935	1,467
100	90	209	0,781	1,440	1,843	1,376

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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11	0	99 527	53 809,351	951 379,930	17,681	17,213
12	1	99 220	50 726,698	897 570,579	17,694	17,227
13	2	99 189	47 953,314	846 843,881	17,660	17,192
14	3	99 167	45 335,943	798 890,567	17,622	17,154
15	4	99 143	42 860,631	753 554,624	17,582	17,114
16	5	99 118	40 519,791	710 693,992	17,539	17,072
17	6	99 085	38 303,693	670 174,201	17,496	17,029
18	7	99 049	36 207,831	631 870,509	17,451	16,984
19	8	99 006	34 224,374	595 662,678	17,405	16,937
20	9	98 960	32 348,350	561 438,304	17,356	16,888
21	10	98 911	30 574,376	529 089,954	17,305	16,837
22	11	98 865	28 898,532	498 515,578	17,251	16,783
23	12	98 813	27 312,708	469 617,045	17,194	16,727
24	13	98 765	25 815,015	442 304,338	17,134	16,666
25	14	98 708	24 397,471	416 489,323	17,071	16,603
26	15	98 656	23 058,665	392 091,852	17,004	16,537
27	16	98 599	21 792,227	369 033,187	16,934	16,467
28	17	98 539	20 594,757	347 240,960	16,861	16,393
29	18	98 478	19 462,854	326 646,203	16,783	16,315
30	19	98 407	18 391,365	307 183,349	16,703	16,235
31	20	98 334	17 378,561	288 791,983	16,618	16,150
32	21	98 256	16 420,470	271 413,422	16,529	16,061
33	22	98 177	15 515,227	254 992,953	16,435	15,967
34	23	98 089	14 658,488	239 477,725	16,337	15,870
35	24	97 996	13 848,295	224 819,237	16,234	15,767
36	25	97 900	13 082,454	210 970,942	16,126	15,659
37	26	97 797	12 358,131	197 888,488	16,013	15,545
38	27	97 683	11 672,528	185 530,357	15,895	15,427
39	28	97 558	11 023,694	173 857,829	15,771	15,304
40	29	97 426	10 410,231	162 834,134	15,642	15,174
41	30	97 280	9 829,462	152 423,903	15,507	15,039
42	31	97 120	9 279,658	142 594,441	15,366	14,899
43	32	96 949	8 759,696	133 314,784	15,219	14,752
44	33	96 767	8 267,812	124 555,088	15,065	14,597
45	34	96 558	7 801,393	116 287,276	14,906	14,438
46	35	96 330	7 359,765	108 485,883	14,740	14,273
47	36	96 080	6 941,560	101 126,118	14,568	14,101
48	37	95 809	6 545,577	94 184,558	14,389	13,921
49	38	95 509	6 170,304	87 638,980	14,203	13,736
50	39	95 168	5 813,957	81 468,676	14,013	13,545
51	40	94 795	5 476,262	75 654,719	13,815	13,347
52	41	94 379	5 155,790	70 178,457	13,612	13,144
53	42	93 918	4 851,669	65 022,667	13,402	12,935
54	43	93 403	4 562,691	60 170,998	13,188	12,720
55	44	92 822	4 287,767	55 608,307	12,969	12,501
56	45	92 184	4 026,741	51 320,540	12,745	12,277
57	46	91 471	3 778,351	47 293,799	12,517	12,049
58	47	90 690	3 542,393	43 515,449	12,284	11,817
59	48	89 827	3 317,905	39 973,056	12,048	11,580
60	49	88 882	3 104,502	36 655,151	11,807	11,340
61	50	87 854	2 901,756	33 550,649	11,562	11,095
62	51	86 743	2 709,254	30 648,892	11,313	10,845
63	52	85 523	2 525,925	27 939,639	11,061	10,594
64	53	84 216	2 352,082	25 413,713	10,805	10,337
65	54	82 803	2 186,862	23 061,631	10,546	10,078
66	55	81 291	2 030,183	20 874,769	10,282	9,815
67	56	79 681	1 881,787	18 844,586	10,014	9,547
68	57	77 967	1 741,194	16 962,799	9,742	9,274
69	58	76 172	1 608,601	15 221,606	9,463	8,995
70	59	74 240	1 482,564	13 613,004	9,182	8,714
71	60	72 243	1 364,234	12 130,440	8,892	8,424
72	61	70 091	1 251,631	10 766,206	8,602	8,134
73	62	67 868	1 146,031	9 514,576	8,302	7,835
74	63	65 513	1 046,108	8 368,545	8,000	7,532
75	64	63 048	952,008	7 322,437	7,692	7,224
76	65	60 473	863,475	6 370,429	7,378	6,910
77	66	57 761	779,906	5 506,954	7,061	6,593
78	67	54 924	701,288	4 727,047	6,741	6,273
79	68	51 930	627,001	4 025,759	6,421	5,953
80	69	48 793	557,094	3 398,759	6,101	5,633
81	70	45 508	491,335	2 841,665	5,784	5,316
82	71	42 035	429,161	2 350,329	5,477	5,009
83	72	38 447	371,184	1 921,168	5,176	4,708
84	73	34 792	317,632	1 549,984	4,880	4,412
85	74	31 072	268,252	1 232,352	4,594	4,126
86	75	27 323	223,060	964,100	4,322	3,855
87	76	23 644	182,524	741,039	4,060	3,592
88	77	20 078	146,568	558,515	3,811	3,343
89	78	16 685	115,181	411,947	3,577	3,109
90	79	13 548	88,438	296,766	3,356	2,888
91	80	10 740	66,295	208,328	3,142	2,675
92	81	8 288	48,380	142,032	2,936	2,468
93	82	6 146	33,926	93,653	2,761	2,293
94	83	4 420	23,074	59,727	2,589	2,121
95	84	3 044	15,024	36,653	2,440	1,972
96	85	2 020	9,428	21,629	2,294	1,826
97	86	1 265	5,582	12,201	2,186	1,718
98	87	766	3,196	6,619	2,071	1,603
99	88	441	1,739	3,423	1,969	1,501
100	89	240	0,897	1,684	1,877	1,409

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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11						
12	0	99 520	50 879,609	898 050,745	17,651	17,183
13	1	99 214	47 965,207	847 171,136	17,662	17,195
14	2	99 179	45 341,576	799 205,929	17,626	17,159
15	3	99 154	42 865,052	753 864,354	17,587	17,119
16	4	99 128	40 523,669	710 999,302	17,545	17,078
17	5	99 094	38 307,105	670 475,633	17,503	17,035
18	6	99 058	36 211,034	632 168,528	17,458	16,990
19	7	99 011	34 225,964	595 957,494	17,412	16,945
20	8	98 967	32 350,604	561 731,530	17,364	16,896
21	9	98 917	30 576,247	529 380,926	17,313	16,846
22	10	98 871	28 900,223	498 804,679	17,260	16,792
23	11	98 820	27 314,820	469 904,456	17,203	16,736
24	12	98 772	25 817,042	442 589,636	17,143	16,676
25	13	98 718	24 399,770	416 772,594	17,081	16,613
26	14	98 665	23 060,791	392 372,824	17,015	16,547
27	15	98 611	21 794,879	369 312,033	16,945	16,477
28	16	98 553	20 597,790	347 517,154	16,872	16,404
29	17	98 491	19 465,505	326 919,365	16,795	16,327
30	18	98 426	18 394,990	307 453,860	16,714	16,246
31	19	98 352	17 381,599	289 058,870	16,630	16,163
32	20	98 274	16 423,506	271 677,271	16,542	16,074
33	21	98 193	15 517,786	255 253,765	16,449	15,982
34	22	98 105	14 660,875	239 735,979	16,352	15,885
35	23	98 014	13 850,788	225 075,104	16,250	15,782
36	24	97 918	13 084,809	211 224,316	16,143	15,675
37	25	97 816	12 360,482	198 139,508	16,030	15,563
38	26	97 701	11 674,726	185 779,026	15,913	15,445
39	27	97 579	11 026,067	174 104,300	15,790	15,323
40	28	97 449	10 412,685	163 078,233	15,661	15,194
41	29	97 306	9 832,006	152 665,548	15,527	15,060
42	30	97 151	9 282,601	142 833,542	15,387	14,920
43	31	96 980	8 762,447	133 550,941	15,241	14,774
44	32	96 800	8 270,646	124 788,494	15,088	14,621
45	33	96 593	7 804,205	116 517,848	14,930	14,463
46	34	96 369	7 362,754	108 713,643	14,765	14,298
47	35	96 120	6 944,422	101 350,889	14,595	14,127
48	36	95 853	6 548,580	94 406,466	14,416	13,949
49	37	95 555	6 173,235	87 857,886	14,232	13,764
50	38	95 225	5 817,466	81 684,652	14,041	13,574
51	39	94 852	5 479,556	75 867,185	13,845	13,378
52	40	94 444	5 159,327	70 387,630	13,643	13,175
53	41	93 988	4 855,263	65 228,302	13,435	12,967
54	42	93 477	4 566,316	60 373,039	13,221	12,754
55	43	92 907	4 291,664	55 806,723	13,004	12,536
56	44	92 273	4 030,653	51 515,059	12,781	12,313
57	45	91 577	3 782,709	47 484,406	12,553	12,085
58	46	90 800	3 546,711	43 701,697	12,322	11,854
59	47	89 950	3 322,458	40 154,986	12,086	11,618
60	48	89 024	3 109,459	36 832,528	11,845	11,378
61	49	88 008	2 906,838	33 723,069	11,601	11,134
62	50	86 904	2 714,284	30 816,232	11,353	10,886
63	51	85 707	2 531,349	28 101,948	11,102	10,634
64	52	84 413	2 357,583	25 570,598	10,846	10,379
65	53	83 016	2 192,491	23 213,016	10,588	10,120
66	54	81 526	2 036,064	21 020,524	10,324	9,857
67	55	79 941	1 887,914	18 984,460	10,056	9,588
68	56	78 247	1 747,444	17 096,546	9,784	9,316
69	57	76 472	1 614,938	15 349,102	9,504	9,037
70	58	74 565	1 489,041	13 734,163	9,223	8,756
71	59	72 585	1 370,685	12 245,123	8,934	8,466
72	60	70 463	1 258,269	10 874,438	8,642	8,175
73	61	68 256	1 152,585	9 616,169	8,343	7,876
74	62	65 917	1 052,565	8 463,584	8,041	7,573
75	63	63 476	958,477	7 411,020	7,732	7,265
76	64	60 928	869,976	6 452,543	7,417	6,949
77	65	58 225	786,173	5 582,567	7,101	6,633
78	66	55 410	707,487	4 796,394	6,779	6,312
79	67	52 427	633,003	4 088,907	6,460	5,992
80	68	49 309	562,986	3 455,904	6,139	5,671
81	69	46 040	497,079	2 892,918	5,820	5,352
82	70	42 571	434,637	2 395,839	5,512	5,045
83	71	38 981	376,341	1 961,202	5,211	4,744
84	72	35 315	322,408	1 584,861	4,916	4,448
85	73	31 591	272,730	1 262,454	4,629	4,161
86	74	27 820	227,113	989,724	4,358	3,890
87	75	24 107	186,103	762,611	4,098	3,630
88	76	20 520	149,799	576,508	3,849	3,381
89	77	17 092	117,989	426,709	3,617	3,149
90	78	13 930	90,934	308,721	3,395	2,927
91	79	11 088	68,446	217,786	3,182	2,714
92	80	8 602	50,210	149,341	2,974	2,507
93	81	6 420	35,438	99,130	2,797	2,330
94	82	4 650	24,272	63,692	2,624	2,157
95	83	3 227	15,928	39,420	2,475	2,007
96	84	2 161	10,085	23,493	2,329	1,862
97	85	1 369	6,041	13,407	2,219	1,752
98	86	839	3,502	7,366	2,104	1,636
99	87	489	1,932	3,864	2,000	1,533
100	88	271	1,013	1,932	1,907	1,440

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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13	0	99 513	48 109,793	847 615,181	17,618	17,151
14	1	99 204	45 352,820	799 505,388	17,629	17,161
15	2	99 166	42 870,378	754 152,567	17,591	17,124
16	3	99 138	40 527,848	711 282,190	17,550	17,083
17	4	99 103	38 310,771	670 754,341	17,508	17,041
18	5	99 066	36 214,260	632 443,571	17,464	16,996
19	6	99 020	34 228,992	596 229,311	17,419	16,951
20	7	98 971	32 352,107	562 000,319	17,371	16,904
21	8	98 924	30 578,377	529 648,212	17,321	16,853
22	9	98 877	28 901,991	499 069,834	17,268	16,800
23	10	98 826	27 316,418	470 167,843	17,212	16,744
24	11	98 780	25 819,039	442 851,425	17,152	16,685
25	12	98 725	24 401,686	417 032,387	17,090	16,623
26	13	98 674	23 062,964	392 630,701	17,024	16,557
27	14	98 620	21 796,888	369 567,736	16,955	16,487
28	15	98 565	20 600,296	347 770,848	16,882	16,414
29	16	98 506	19 468,371	327 170,552	16,805	16,338
30	17	98 440	18 397,495	307 702,180	16,725	16,258
31	18	98 371	17 385,024	289 304,686	16,641	16,173
32	19	98 291	16 426,377	271 919,662	16,554	16,086
33	20	98 212	15 520,656	255 493,285	16,462	15,994
34	21	98 122	14 663,293	239 972,629	16,366	15,898
35	22	98 030	13 853,043	225 309,336	16,264	15,797
36	23	97 935	13 087,164	211 456,293	16,158	15,690
37	24	97 833	12 362,707	198 369,129	16,046	15,578
38	25	97 720	11 676,947	186 006,422	15,929	15,462
39	26	97 597	11 028,142	174 329,476	15,808	15,340
40	27	97 470	10 414,926	163 301,333	15,680	15,212
41	28	97 328	9 834,323	152 886,407	15,546	15,079
42	29	97 176	9 285,004	143 052,084	15,407	14,939
43	30	97 011	8 765,227	133 767,080	15,261	14,794
44	31	96 831	8 273,244	125 001,853	15,109	14,642
45	32	96 626	7 806,880	116 728,609	14,952	14,484
46	33	96 404	7 365,408	108 921,729	14,788	14,321
47	34	96 159	6 947,243	101 556,321	14,618	14,151
48	35	95 892	6 551,280	94 609,078	14,441	13,974
49	36	95 598	6 176,066	88 057,798	14,258	13,790
50	37	95 271	5 820,229	81 881,732	14,068	13,601
51	38	94 909	5 482,863	76 061,503	13,873	13,405
52	39	94 500	5 162,431	70 578,640	13,672	13,204
53	40	94 053	4 858,595	65 416,209	13,464	12,996
54	41	93 547	4 569,699	60 557,614	13,252	12,784
55	42	92 980	4 295,073	55 987,915	13,035	12,568
56	43	92 357	4 034,316	51 692,842	12,813	12,346
57	44	91 666	3 786,384	47 658,526	12,587	12,119
58	45	90 905	3 550,802	43 872,142	12,356	11,888
59	46	90 060	3 326,508	40 321,339	12,121	11,654
60	47	89 146	3 113,725	36 994,831	11,881	11,414
61	48	88 149	2 911,479	33 881,106	11,637	11,170
62	49	87 056	2 719,037	30 969,627	11,390	10,922
63	50	85 866	2 536,049	28 250,590	11,140	10,672
64	51	84 595	2 362,645	25 714,541	10,884	10,416
65	52	83 210	2 197,618	23 351,896	10,626	10,158
66	53	81 736	2 041,306	21 154,278	10,363	9,896
67	54	80 172	1 893,384	19 112,972	10,095	9,627
68	55	78 502	1 753,134	17 219,588	9,822	9,355
69	56	76 746	1 620,736	15 466,455	9,543	9,075
70	57	74 858	1 494,907	13 845,719	9,262	8,794
71	58	72 902	1 376,672	12 350,812	8,971	8,504
72	59	70 796	1 264,219	10 974,140	8,681	8,213
73	60	68 618	1 158,698	9 709,920	8,380	7,912
74	61	66 294	1 058,584	8 551,223	8,078	7,610
75	62	63 868	964,393	7 492,639	7,769	7,302
76	63	61 342	875,888	6 528,246	7,453	6,986
77	64	58 663	792,092	5 652,359	7,136	6,668
78	65	55 855	713,171	4 860,267	6,815	6,347
79	66	52 890	638,599	4 147,096	6,494	6,026
80	67	49 781	568,375	3 508,497	6,173	5,705
81	68	46 527	502,336	2 940,122	5,853	5,385
82	69	43 069	439,718	2 437,786	5,544	5,076
83	70	39 478	381,143	1 998,068	5,242	4,775
84	71	35 805	326,887	1 616,925	4,946	4,479
85	72	32 066	276,830	1 290,039	4,660	4,192
86	73	28 284	230,903	1 013,208	4,388	3,920
87	74	24 545	189,484	782,305	4,129	3,661
88	75	20 923	152,736	592,821	3,881	3,414
89	76	17 469	120,589	440,085	3,649	3,182
90	77	14 270	93,151	319,495	3,430	2,962
91	78	11 401	70,377	226,344	3,216	2,749
92	79	8 881	51,839	155,967	3,009	2,541
93	80	6 663	36,779	104,128	2,831	2,364
94	81	4 857	25,354	67,349	2,656	2,189
95	82	3 395	16,755	41,995	2,506	2,039
96	83	2 291	10,692	25,240	2,361	1,893
97	84	1 464	6,463	14,548	2,251	1,784
98	85	908	3,790	8,086	2,133	1,666
99	86	536	2,116	4,296	2,030	1,562
100	87	302	1,126	2,179	1,936	1,469

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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14	0	99 503	45 489,532	799 916,096	17,585	17,117
15	1	99 191	42 881,010	754 426,564	17,593	17,126
16	2	99 150	40 532,883	711 545,555	17,555	17,087
17	3	99 113	38 314,722	671 012,671	17,513	17,046
18	4	99 076	36 217,726	632 697,949	17,469	17,002
19	5	99 028	34 232,041	596 480,224	17,425	16,957
20	6	98 980	32 354,969	562 248,182	17,377	16,910
21	7	98 929	30 579,798	529 893,213	17,328	16,861
22	8	98 884	28 904,005	499 313,415	17,275	16,807
23	9	98 832	27 318,089	470 409,410	17,220	16,752
24	10	98 786	25 820,549	443 091,321	17,160	16,693
25	11	98 733	24 403,573	417 270,772	17,099	16,631
26	12	98 682	23 064,775	392 867,199	17,033	16,566
27	13	98 629	21 798,942	369 802,424	16,964	16,497
28	14	98 574	20 602,196	348 003,481	16,892	16,424
29	15	98 517	19 470,740	327 401,285	16,815	16,347
30	16	98 454	18 400,204	307 930,545	16,735	16,268
31	17	98 384	17 387,391	289 530,341	16,652	16,184
32	18	98 310	16 429,614	272 142,950	16,564	16,097
33	19	98 229	15 523,369	255 713,335	16,473	16,005
34	20	98 140	14 666,004	240 189,966	16,377	15,910
35	21	98 046	13 855,328	225 523,962	16,277	15,809
36	22	97 951	13 089,295	211 668,634	16,171	15,704
37	23	97 851	12 364,932	198 579,340	16,060	15,592
38	24	97 738	11 679,048	186 214,407	15,944	15,477
39	25	97 616	11 030,241	174 535,359	15,823	15,356
40	26	97 488	10 416,887	163 505,118	15,696	15,229
41	27	97 349	9 836,440	153 088,232	15,563	15,096
42	28	97 199	9 287,193	143 251,792	15,425	14,957
43	29	97 036	8 767,496	133 964,600	15,280	14,812
44	30	96 861	8 275,868	125 197,104	15,128	14,660
45	31	96 656	7 809,332	116 921,236	14,972	14,504
46	32	96 437	7 367,932	109 111,904	14,809	14,341
47	33	96 194	6 949,747	101 743,971	14,640	14,172
48	34	95 931	6 553,941	94 794,224	14,464	13,996
49	35	95 638	6 178,613	88 240,283	14,282	13,814
50	36	95 314	5 822,899	82 061,671	14,093	13,625
51	37	94 954	5 485,467	76 238,772	13,898	13,431
52	38	94 557	5 165,547	70 753,305	13,697	13,230
53	39	94 109	4 861,517	65 587,758	13,491	13,024
54	40	93 611	4 572,834	60 726,240	13,280	12,812
55	41	93 049	4 298,255	56 153,406	13,064	12,597
56	42	92 431	4 037,521	51 855,151	12,843	12,376
57	43	91 749	3 789,826	47 817,630	12,617	12,150
58	44	90 993	3 554,252	44 027,804	12,387	11,920
59	45	90 164	3 330,345	40 473,552	12,153	11,685
60	46	89 255	3 117,521	37 143,207	11,914	11,447
61	47	88 270	2 915,474	34 025,686	11,671	11,203
62	48	87 195	2 723,378	31 110,212	11,423	10,956
63	49	86 016	2 540,490	28 386,834	11,174	10,706
64	50	84 752	2 367,032	25 846,344	10,919	10,452
65	51	83 389	2 202,337	23 479,312	10,661	10,194
66	52	81 927	2 046,079	21 276,975	10,399	9,931
67	53	80 379	1 898,258	19 230,896	10,131	9,663
68	54	78 729	1 758,213	17 332,638	9,858	9,391
69	55	76 996	1 626,013	15 574,425	9,578	9,111
70	56	75 127	1 500,273	13 948,413	9,297	8,830
71	57	73 189	1 382,096	12 448,139	9,007	8,539
72	58	71 105	1 269,742	11 066,043	8,715	8,248
73	59	68 942	1 164,177	9 796,302	8,415	7,947
74	60	66 645	1 064,198	8 632,125	8,111	7,644
75	61	64 233	969,908	7 567,927	7,803	7,335
76	62	61 720	881,294	6 598,019	7,487	7,019
77	63	59 062	797,474	5 716,725	7,169	6,701
78	64	56 276	718,541	4 919,252	6,846	6,379
79	65	53 315	643,729	4 200,711	6,526	6,058
80	66	50 221	573,400	3 556,982	6,203	5,736
81	67	46 972	507,145	2 983,582	5,883	5,416
82	68	43 525	444,369	2 476,437	5,573	5,105
83	69	39 940	385,598	2 032,068	5,270	4,802
84	70	36 262	331,058	1 646,470	4,973	4,506
85	71	32 512	280,676	1 315,413	4,687	4,219
86	72	28 709	234,375	1 034,736	4,415	3,947
87	73	24 955	192,647	800,361	4,155	3,687
88	74	21 303	155,511	607,714	3,908	3,440
89	75	17 811	122,954	452,204	3,678	3,210
90	76	14 584	95,204	329,250	3,458	2,991
91	77	11 679	72,093	234,046	3,246	2,779
92	78	9 131	53,302	161,953	3,038	2,571
93	79	6 879	37,972	108,651	2,861	2,394
94	80	5 041	26,313	70,679	2,686	2,218
95	81	3 546	17,502	44,365	2,535	2,067
96	82	2 410	11,247	26,864	2,388	1,921
97	83	1 552	6,851	15,616	2,279	1,812
98	84	971	4,054	8,765	2,162	1,694
99	85	580	2,291	4,711	2,057	1,589
100	86	330	1,233	2,421	1,963	1,495

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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15	0	99 490	43 010,270	754 806,501	17,549	17,082
16	1	99 175	40 542,936	711 796,230	17,557	17,089
17	2	99 126	38 319,482	671 253,295	17,517	17,050
18	3	99 086	36 221,461	632 933,812	17,474	17,006
19	4	99 038	34 235,317	596 712,351	17,430	16,962
20	5	98 989	32 357,852	562 477,034	17,383	16,915
21	6	98 937	30 582,503	530 119,183	17,334	16,866
22	7	98 889	28 905,348	499 536,679	17,282	16,814
23	8	98 839	27 319,993	470 631,331	17,227	16,759
24	9	98 792	25 822,129	443 311,338	17,168	16,700
25	10	98 739	24 405,000	417 489,210	17,107	16,639
26	11	98 690	23 066,559	393 084,209	17,041	16,574
27	12	98 637	21 800,654	370 017,650	16,973	16,505
28	13	98 584	20 604,137	348 216,996	16,900	16,433
29	14	98 527	19 472,536	327 612,859	16,824	16,357
30	15	98 466	18 402,443	308 140,323	16,745	16,277
31	16	98 399	17 389,952	289 737,880	16,661	16,194
32	17	98 324	16 431,852	272 347,928	16,574	16,107
33	18	98 248	15 526,428	255 916,077	16,483	16,015
34	19	98 157	14 668,568	240 389,649	16,388	15,921
35	20	98 064	13 857,890	225 721,080	16,288	15,821
36	21	97 967	13 091,454	211 863,191	16,183	15,716
37	22	97 867	12 366,946	198 771,737	16,073	15,605
38	23	97 755	11 681,150	186 404,792	15,958	15,490
39	24	97 633	11 032,226	174 723,641	15,838	15,370
40	25	97 507	10 418,868	163 691,415	15,711	15,243
41	26	97 368	9 838,291	153 272,547	15,579	15,112
42	27	97 220	9 289,191	143 434,255	15,441	14,973
43	28	97 059	8 769,562	134 145,064	15,297	14,829
44	29	96 886	8 278,010	125 375,502	15,146	14,678
45	30	96 687	7 811,809	117 097,491	14,990	14,522
46	31	96 467	7 370,247	109 285,682	14,828	14,360
47	32	96 227	6 952,129	101 915,435	14,660	14,192
48	33	95 966	6 556,303	94 963,306	14,484	14,017
49	34	95 677	6 181,122	88 407,003	14,303	13,835
50	35	95 354	5 825,300	82 225,881	14,115	13,648
51	36	94 997	5 487,983	76 400,581	13,921	13,454
52	37	94 602	5 168,000	70 912,598	13,721	13,254
53	38	94 166	4 864,452	65 744,598	13,515	13,048
54	39	93 667	4 575,585	60 880,146	13,305	12,838
55	40	93 113	4 301,205	56 304,561	13,090	12,623
56	41	92 499	4 040,512	52 003,357	12,870	12,403
57	42	91 822	3 792,836	47 962,845	12,646	12,178
58	43	91 076	3 557,482	44 170,008	12,416	11,949
59	44	90 251	3 333,581	40 612,526	12,183	11,715
60	45	89 358	3 121,117	37 278,945	11,944	11,477
61	46	88 377	2 919,028	34 157,828	11,702	11,234
62	47	87 315	2 727,115	31 238,800	11,455	10,987
63	48	86 154	2 544,546	28 511,685	11,205	10,737
64	49	84 900	2 371,177	25 967,139	10,951	10,484
65	50	83 544	2 206,426	23 595,962	10,694	10,227
66	51	82 103	2 050,473	21 389,536	10,432	9,964
67	52	80 567	1 902,697	19 339,063	10,164	9,696
68	53	78 932	1 762,739	17 436,367	9,892	9,424
69	54	77 219	1 630,723	15 673,628	9,611	9,144
70	55	75 372	1 505,158	14 042,904	9,330	8,862
71	56	73 452	1 387,057	12 537,746	9,039	8,572
72	57	71 386	1 274,744	11 150,689	8,747	8,280
73	58	69 244	1 169,262	9 875,945	8,446	7,979
74	59	66 961	1 069,230	8 706,682	8,143	7,675
75	60	64 574	975,052	7 637,452	7,833	7,365
76	61	62 073	886,333	6 662,400	7,517	7,049
77	62	59 426	802,396	5 776,067	7,199	6,731
78	63	56 658	723,423	4 973,671	6,875	6,408
79	64	53 717	648,576	4 250,248	6,553	6,086
80	65	50 625	578,007	3 601,672	6,231	5,764
81	66	47 388	511,628	3 023,665	5,910	5,442
82	67	43 941	448,623	2 512,037	5,599	5,132
83	68	40 362	389,676	2 063,415	5,295	4,828
84	69	36 686	334,927	1 673,738	4,997	4,530
85	70	32 926	284,257	1 338,811	4,710	4,242
86	71	29 108	237,631	1 054,553	4,438	3,970
87	72	25 330	195,544	816,922	4,178	3,710
88	73	21 658	158,106	621,379	3,930	3,463
89	74	18 135	125,188	463,272	3,701	3,233
90	75	14 870	97,071	338,085	3,483	3,015
91	76	11 936	73,682	241,014	3,271	2,803
92	77	9 354	54,601	167,332	3,065	2,597
93	78	7 073	39,044	112,731	2,887	2,420
94	79	5 205	27,167	73,687	2,712	2,245
95	80	3 680	18,164	46,520	2,561	2,094
96	81	2 517	11,748	28,356	2,414	1,946
97	82	1 633	7,207	16,608	2,304	1,837
98	83	1 030	4,298	9,401	2,187	1,720
99	84	621	2,450	5,103	2,082	1,615
100	85	358	1,335	2,652	1,987	1,520

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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16	0	99 474	40 665,148	712 147,757	17,512	17,045
17	1	99 150	38 328,986	671 482,608	17,519	17,051
18	2	99 098	36 225,961	633 153,623	17,478	17,010
19	3	99 048	34 238,848	596 927,662	17,434	16,967
20	4	98 999	32 360,948	562 688,814	17,388	16,920
21	5	98 946	30 585,228	530 327,865	17,339	16,872
22	6	98 897	28 907,905	499 742,637	17,287	16,820
23	7	98 844	27 321,262	470 834,732	17,233	16,766
24	8	98 799	25 823,928	443 513,470	17,175	16,707
25	9	98 745	24 406,493	417 689,542	17,114	16,646
26	10	98 696	23 067,908	393 283,049	17,049	16,581
27	11	98 645	21 802,340	370 215,140	16,981	16,513
28	12	98 591	20 605,755	348 412,800	16,909	16,441
29	13	98 536	19 474,371	327 807,045	16,833	16,365
30	14	98 475	18 404,140	308 332,674	16,753	16,286
31	15	98 411	17 392,068	289 928,534	16,670	16,203
32	16	98 338	16 434,271	272 536,466	16,583	16,116
33	17	98 261	15 528,542	256 102,195	16,492	16,025
34	18	98 176	14 671,459	240 573,652	16,397	15,930
35	19	98 081	13 860,312	225 902,194	16,298	15,831
36	20	97 985	13 093,874	212 041,881	16,194	15,726
37	21	97 883	12 368,985	198 948,007	16,084	15,617
38	22	97 771	11 683,053	186 579,022	15,970	15,502
39	23	97 651	11 034,212	174 895,969	15,850	15,383
40	24	97 525	10 420,744	163 861,758	15,725	15,257
41	25	97 386	9 840,163	153 441,014	15,593	15,126
42	26	97 238	9 290,940	143 600,851	15,456	14,988
43	27	97 080	8 771,450	134 309,911	15,312	14,845
44	28	96 909	8 279,962	125 538,461	15,162	14,694
45	29	96 712	7 813,831	117 258,500	15,007	14,539
46	30	96 498	7 372,585	109 444,669	14,845	14,377
47	31	96 257	6 954,313	102 072,084	14,678	14,210
48	32	95 999	6 558,550	95 117,771	14,503	14,035
49	33	95 711	6 183,350	88 559,221	14,322	13,855
50	34	95 392	5 827,666	82 375,870	14,135	13,668
51	35	95 037	5 490,246	76 548,205	13,943	13,475
52	36	94 646	5 170,371	71 057,959	13,743	13,276
53	37	94 211	4 866,762	65 887,588	13,538	13,071
54	38	93 724	4 578,347	61 020,826	13,328	12,861
55	39	93 169	4 303,792	56 442,480	13,115	12,647
56	40	92 563	4 043,284	52 138,688	12,895	12,428
57	41	91 890	3 795,646	48 095,403	12,671	12,204
58	42	91 148	3 560,308	44 299,757	12,443	11,975
59	43	90 333	3 336,611	40 739,449	12,210	11,742
60	44	89 445	3 124,150	37 402,838	11,972	11,505
61	45	88 479	2 922,395	34 278,689	11,730	11,262
62	46	87 421	2 730,440	31 356,294	11,484	11,016
63	47	86 272	2 548,038	28 625,854	11,234	10,767
64	48	85 036	2 374,962	26 077,816	10,980	10,513
65	49	83 690	2 210,290	23 702,854	10,724	10,256
66	50	82 255	2 054,280	21 492,564	10,462	9,995
67	51	80 740	1 906,782	19 438,284	10,194	9,727
68	52	79 117	1 766,861	17 531,502	9,922	9,455
69	53	77 418	1 634,921	15 764,641	9,642	9,175
70	54	75 590	1 509,519	14 129,720	9,360	8,893
71	55	73 691	1 391,574	12 620,201	9,069	8,601
72	56	71 642	1 279,320	11 228,627	8,777	8,309
73	57	69 516	1 173,869	9 949,307	8,476	8,008
74	58	67 253	1 073,901	8 775,438	8,172	7,704
75	59	64 879	979,663	7 701,537	7,861	7,394
76	60	62 403	891,034	6 721,875	7,544	7,076
77	61	59 766	806,984	5 830,840	7,225	6,758
78	62	57 008	727,888	5 023,856	6,902	6,434
79	63	54 082	652,983	4 295,968	6,579	6,111
80	64	51 006	582,358	3 642,985	6,256	5,788
81	65	47 768	515,739	3 060,626	5,934	5,467
82	66	44 330	452,588	2 544,888	5,623	5,155
83	67	40 749	393,407	2 092,300	5,318	4,851
84	68	37 074	338,470	1 698,893	5,019	4,552
85	69	33 311	287,580	1 360,423	4,731	4,263
86	70	29 480	240,663	1 072,843	4,458	3,990
87	71	25 682	198,260	832,179	4,197	3,730
88	72	21 984	160,484	633,919	3,950	3,482
89	73	18 438	127,277	473,436	3,720	3,252
90	74	15 141	98,835	346,159	3,502	3,035
91	75	12 171	75,127	247,324	3,292	2,825
92	76	9 560	55,805	172,198	3,086	2,618
93	77	7 246	39,996	116,393	2,910	2,443
94	78	5 352	27,934	76,397	2,735	2,267
95	79	3 799	18,753	48,464	2,584	2,117
96	80	2 612	12,193	29,711	2,437	1,969
97	81	1 706	7,528	17,518	2,327	1,859
98	82	1 083	4,521	9,989	2,209	1,742
99	83	658	2,598	5,468	2,105	1,637
100	84	383	1,428	2,871	2,010	1,543

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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17	0	99 449	38 444,525	671 807,893	17,475	17,007
18	1	99 123	36 234,945	633 363,368	17,479	17,012
19	2	99 060	34 243,102	597 128,423	17,438	16,970
20	3	99 009	32 364,286	562 885,321	17,392	16,925
21	4	98 956	30 588,155	530 521,035	17,344	16,876
22	5	98 906	28 910,480	499 932,880	17,292	16,825
23	6	98 853	27 323,679	471 022,400	17,239	16,771
24	7	98 803	25 825,128	443 698,721	17,181	16,713
25	8	98 752	24 408,194	417 873,593	17,120	16,653
26	9	98 702	23 069,320	393 465,399	17,056	16,588
27	10	98 650	21 803,615	370 396,079	16,988	16,520
28	11	98 599	20 607,349	348 592,464	16,916	16,448
29	12	98 544	19 475,900	327 985,115	16,841	16,373
30	13	98 484	18 405,874	308 509,215	16,761	16,294
31	14	98 420	17 393,672	290 103,341	16,679	16,211
32	15	98 350	16 436,271	272 709,669	16,592	16,124
33	16	98 276	15 530,829	256 273,398	16,501	16,033
34	17	98 190	14 673,457	240 742,569	16,407	15,939
35	18	98 101	13 863,044	226 069,112	16,307	15,840
36	19	98 003	13 096,163	212 206,068	16,204	15,736
37	20	97 901	12 371,272	199 109,905	16,095	15,627
38	21	97 787	11 684,979	186 738,632	15,981	15,514
39	22	97 667	11 036,008	175 053,653	15,862	15,394
40	23	97 542	10 422,619	164 017,645	15,737	15,269
41	24	97 404	9 841,934	153 595,025	15,606	15,139
42	25	97 256	9 292,708	143 753,091	15,469	15,002
43	26	97 098	8 773,101	134 460,384	15,326	14,859
44	27	96 930	8 281,744	125 687,283	15,176	14,709
45	28	96 735	7 815,673	117 405,539	15,022	14,554
46	29	96 523	7 374,493	109 589,866	14,861	14,393
47	30	96 287	6 956,519	102 215,373	14,693	14,226
48	31	96 029	6 560,610	95 258,855	14,520	14,052
49	32	95 744	6 185,470	88 698,244	14,340	13,872
50	33	95 427	5 829,766	82 512,775	14,154	13,686
51	34	95 075	5 492,476	76 683,008	13,961	13,494
52	35	94 685	5 172,502	71 190,532	13,763	13,296
53	36	94 254	4 868,994	66 018,030	13,559	13,091
54	37	93 768	4 580,521	61 149,036	13,350	12,882
55	38	93 225	4 306,390	56 568,515	13,136	12,668
56	39	92 618	4 045,717	52 262,125	12,918	12,450
57	40	91 953	3 798,250	48 216,409	12,694	12,227
58	41	91 216	3 562,946	44 418,158	12,467	11,999
59	42	90 405	3 339,261	40 855,212	12,235	11,767
60	43	89 526	3 126,989	37 515,951	11,997	11,530
61	44	88 565	2 925,234	34 388,962	11,756	11,288
62	45	87 522	2 733,589	31 463,728	11,510	11,042
63	46	86 377	2 551,144	28 730,138	11,262	10,794
64	47	85 152	2 378,221	26 178,995	11,008	10,540
65	48	83 824	2 213,819	23 800,773	10,751	10,283
66	49	82 399	2 057,877	21 586,954	10,490	10,022
67	50	80 889	1 910,323	19 529,077	10,223	9,755
68	51	79 287	1 770,655	17 618,755	9,950	9,483
69	52	77 599	1 638,744	15 848,100	9,671	9,203
70	53	75 785	1 513,405	14 209,355	9,389	8,921
71	54	73 904	1 395,605	12 695,951	9,097	8,630
72	55	71 875	1 283,486	11 300,346	8,804	8,337
73	56	69 766	1 178,083	10 016,860	8,503	8,035
74	57	67 518	1 078,132	8 838,777	8,198	7,731
75	58	65 163	983,942	7 760,645	7,887	7,420
76	59	62 698	895,248	6 776,703	7,570	7,102
77	60	60 083	811,264	5 881,455	7,250	6,782
78	61	57 334	732,051	5 070,191	6,926	6,458
79	62	54 416	657,013	4 338,140	6,603	6,135
80	63	51 352	586,315	3 681,127	6,278	5,811
81	64	48 128	519,622	3 094,812	5,956	5,488
82	65	44 686	456,224	2 575,190	5,645	5,177
83	66	41 109	396,884	2 118,966	5,339	4,871
84	67	37 429	341,710	1 722,081	5,040	4,572
85	68	33 664	290,622	1 380,371	4,750	4,282
86	69	29 824	243,476	1 089,749	4,476	4,008
87	70	26 010	200,790	846,273	4,215	3,747
88	71	22 289	162,713	645,483	3,967	3,499
89	72	18 715	129,191	482,770	3,737	3,269
90	73	15 393	100,484	353,579	3,519	3,051
91	74	12 392	76,492	253,095	3,309	2,841
92	75	9 748	56,899	176,604	3,104	2,636
93	76	7 406	40,877	119,705	2,928	2,461
94	77	5 482	28,615	78,828	2,755	2,287
95	78	3 907	19,282	50,213	2,604	2,137
96	79	2 697	12,589	30,931	2,457	1,989
97	80	1 770	7,813	18,342	2,348	1,880
98	81	1 132	4,723	10,529	2,229	1,762
99	82	692	2,733	5,807	2,125	1,657
100	83	406	1,514	3,074	2,031	1,563

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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18	0	99 422	36 344,172	633 664,415	17,435	16,968
19	1	99 085	34 251,594	597 320,243	17,439	16,972
20	2	99 021	32 368,307	563 068,649	17,396	16,928
21	3	98 966	30 591,310	530 700,342	17,348	16,880
22	4	98 916	28 913,247	500 109,032	17,297	16,829
23	5	98 861	27 326,113	471 195,785	17,243	16,776
24	6	98 812	25 827,413	443 869,672	17,186	16,718
25	7	98 756	24 409,328	418 042,259	17,126	16,659
26	8	98 709	23 070,927	393 632,931	17,062	16,594
27	9	98 656	21 804,949	370 562,004	16,994	16,527
28	10	98 605	20 608,554	348 757,055	16,923	16,455
29	11	98 551	19 477,406	328 148,501	16,848	16,380
30	12	98 492	18 407,320	308 671,094	16,769	16,301
31	13	98 429	17 395,311	290 263,775	16,686	16,219
32	14	98 359	16 437,787	272 868,464	16,600	16,132
33	15	98 288	15 532,719	256 430,677	16,509	16,041
34	16	98 204	14 675,618	240 897,958	16,415	15,947
35	17	98 114	13 864,931	226 222,340	16,316	15,849
36	18	98 022	13 098,744	212 357,409	16,212	15,744
37	19	97 918	12 373,435	199 258,665	16,104	15,636
38	20	97 805	11 687,140	186 885,230	15,991	15,523
39	21	97 683	11 037,828	175 198,090	15,873	15,405
40	22	97 558	10 424,316	164 160,261	15,748	15,280
41	23	97 421	9 843,706	153 735,945	15,618	15,150
42	24	97 274	9 294,380	143 892,239	15,482	15,014
43	25	97 116	8 774,770	134 597,859	15,339	14,872
44	26	96 948	8 283,302	125 823,089	15,190	14,722
45	27	96 756	7 817,355	117 539,787	15,036	14,568
46	28	96 545	7 376,231	109 722,432	14,875	14,408
47	29	96 312	6 958,319	102 346,200	14,708	14,241
48	30	96 059	6 562,692	95 387,881	14,535	14,067
49	31	95 774	6 187,412	88 825,189	14,356	13,888
50	32	95 459	5 831,765	82 637,777	14,170	13,703
51	33	95 109	5 494,456	76 806,012	13,979	13,511
52	34	94 723	5 174,603	71 311,557	13,781	13,313
53	35	94 293	4 871,002	66 136,953	13,578	13,110
54	36	93 811	4 582,622	61 265,952	13,369	12,902
55	37	93 270	4 308,435	56 683,330	13,156	12,689
56	38	92 674	4 048,159	52 374,895	12,938	12,470
57	39	92 008	3 800,535	48 326,736	12,716	12,248
58	40	91 279	3 565,391	44 526,201	12,488	12,021
59	41	90 472	3 341,735	40 960,811	12,257	11,790
60	42	89 597	3 129,473	37 619,076	12,021	11,553
61	43	88 646	2 927,893	34 489,603	11,780	11,312
62	44	87 607	2 736,245	31 561,710	11,535	11,067
63	45	86 477	2 554,087	28 825,465	11,286	10,818
64	46	85 256	2 381,120	26 271,378	11,033	10,566
65	47	83 939	2 216,857	23 890,257	10,777	10,309
66	48	82 531	2 061,162	21 673,401	10,515	10,048
67	49	81 031	1 913,668	19 612,238	10,249	9,781
68	50	79 434	1 773,942	17 698,570	9,977	9,509
69	51	77 766	1 642,263	15 924,628	9,697	9,229
70	52	75 962	1 516,944	14 282,365	9,415	8,948
71	53	74 094	1 399,198	12 765,421	9,123	8,656
72	54	72 083	1 287,204	11 366,223	8,830	8,363
73	55	69 993	1 181,919	10 079,019	8,528	8,060
74	56	67 760	1 082,002	8 897,101	8,223	7,755
75	57	65 419	987,818	7 815,098	7,911	7,444
76	58	62 972	899,159	6 827,280	7,593	7,125
77	59	60 367	815,101	5 928,121	7,273	6,805
78	60	57 638	735,933	5 113,021	6,948	6,480
79	61	54 727	660,770	4 377,087	6,624	6,157
80	62	51 669	589,934	3 716,317	6,300	5,832
81	63	48 455	523,152	3 126,383	5,976	5,508
82	64	45 022	459,659	2 603,230	5,663	5,196
83	65	41 439	400,073	2 143,571	5,358	4,890
84	66	37 760	344,731	1 743,498	5,058	4,590
85	67	33 986	293,404	1 398,767	4,767	4,300
86	68	30 140	246,052	1 105,363	4,492	4,025
87	69	26 314	203,137	859,312	4,230	3,763
88	70	22 574	164,789	656,175	3,982	3,514
89	71	18 975	130,985	491,386	3,751	3,284
90	72	15 625	101,995	360,400	3,534	3,066
91	73	12 598	77,768	258,405	3,323	2,855
92	74	9 925	57,933	180,637	3,118	2,650
93	75	7 551	41,679	122,704	2,944	2,476
94	76	5 603	29,245	81,026	2,771	2,303
95	77	4 002	19,752	51,781	2,621	2,154
96	78	2 773	12,944	32,028	2,474	2,007
97	79	1 828	8,066	19,084	2,366	1,898
98	80	1 174	4,901	11,018	2,248	1,780
99	81	723	2,854	6,116	2,143	1,675
100	82	427	1,592	3,262	2,049	1,581

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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19	0	99 384	34 354,842	597 598,891	17,395	16,927
20	1	99 046	32 376,334	563 244,049	17,397	16,929
21	2	98 978	30 595,110	530 867,714	17,351	16,884
22	3	98 926	28 916,229	500 272,604	17,301	16,833
23	4	98 871	27 328,728	471 356,375	17,248	16,780
24	5	98 821	25 829,714	444 027,647	17,191	16,723
25	6	98 765	24 411,488	418 197,933	17,131	16,664
26	7	98 713	23 071,999	393 786,445	17,068	16,600
27	8	98 663	21 806,469	370 714,446	17,000	16,533
28	9	98 611	20 609,815	348 907,977	16,929	16,462
29	10	98 557	19 478,545	328 298,163	16,854	16,387
30	11	98 500	18 408,743	308 819,617	16,776	16,308
31	12	98 437	17 396,677	290 410,874	16,693	16,226
32	13	98 369	16 439,336	273 014,197	16,607	16,140
33	14	98 297	15 534,152	256 574,862	16,517	16,049
34	15	98 216	14 677,404	241 040,710	16,423	15,955
35	16	98 128	13 866,973	226 363,307	16,324	15,856
36	17	98 035	13 100,528	212 496,333	16,220	15,753
37	18	97 938	12 375,873	199 395,805	16,112	15,644
38	19	97 822	11 689,183	187 019,932	15,999	15,532
39	20	97 701	11 039,870	175 330,749	15,882	15,414
40	21	97 574	10 426,036	164 290,879	15,758	15,290
41	22	97 437	9 845,309	153 864,844	15,628	15,161
42	23	97 291	9 296,053	144 019,535	15,493	15,025
43	24	97 134	8 776,349	134 723,482	15,351	14,883
44	25	96 967	8 284,878	125 947,133	15,202	14,734
45	26	96 774	7 818,827	117 662,254	15,049	14,581
46	27	96 566	7 377,819	109 843,428	14,888	14,421
47	28	96 335	6 959,959	102 465,609	14,722	14,255
48	29	96 084	6 564,390	95 505,650	14,549	14,081
49	30	95 804	6 189,375	88 941,259	14,370	13,902
50	31	95 489	5 833,596	82 751,884	14,185	13,718
51	32	95 142	5 496,339	76 918,288	13,994	13,527
52	33	94 757	5 176,468	71 421,949	13,797	13,330
53	34	94 331	4 872,980	66 245,480	13,594	13,127
54	35	93 850	4 584,511	61 372,500	13,387	12,919
55	36	93 312	4 310,411	56 787,989	13,175	12,707
56	37	92 718	4 050,081	52 477,578	12,957	12,490
57	38	92 064	3 802,829	48 427,497	12,735	12,267
58	39	91 333	3 567,535	44 624,668	12,509	12,041
59	40	90 534	3 344,028	41 057,132	12,278	11,810
60	41	89 663	3 131,791	37 713,104	12,042	11,574
61	42	88 716	2 930,219	34 581,313	11,802	11,334
62	43	87 687	2 738,732	31 651,094	11,557	11,089
63	44	86 561	2 556,568	28 912,362	11,309	10,841
64	45	85 354	2 383,867	26 355,794	11,056	10,588
65	46	84 041	2 219,559	23 971,927	10,800	10,333
66	47	82 644	2 063,991	21 752,368	10,539	10,071
67	48	81 160	1 916,723	19 688,377	10,272	9,804
68	49	79 573	1 777,049	17 771,654	10,001	9,533
69	50	77 910	1 645,312	15 994,605	9,721	9,254
70	51	76 125	1 520,201	14 349,293	9,439	8,971
71	52	74 268	1 402,470	12 829,092	9,148	8,680
72	53	72 269	1 290,518	11 426,622	8,854	8,387
73	54	70 196	1 185,343	10 136,104	8,551	8,084
74	55	67 981	1 085,525	8 950,762	8,246	7,778
75	56	65 654	991,365	7 865,236	7,934	7,466
76	57	63 220	902,701	6 873,872	7,615	7,147
77	58	60 631	818,661	5 971,171	7,294	6,826
78	59	57 910	739,413	5 152,510	6,968	6,501
79	60	55 017	664,275	4 413,096	6,643	6,176
80	61	51 965	593,308	3 748,821	6,319	5,851
81	62	48 754	526,381	3 155,514	5,995	5,527
82	63	45 328	462,783	2 629,132	5,681	5,214
83	64	41 751	403,085	2 166,350	5,374	4,907
84	65	38 063	347,500	1 763,264	5,074	4,607
85	66	34 286	295,998	1 415,764	4,783	4,315
86	67	30 428	248,407	1 119,766	4,508	4,040
87	68	26 592	205,285	871,359	4,245	3,777
88	69	22 838	166,716	666,074	3,995	3,528
89	70	19 217	132,657	499,358	3,764	3,297
90	71	15 842	103,412	366,702	3,546	3,078
91	72	12 788	78,938	263,290	3,335	2,868
92	73	10 090	58,899	184,352	3,130	2,662
93	74	7 688	42,436	125,453	2,956	2,489
94	75	5 713	29,819	83,017	2,784	2,316
95	76	4 090	20,188	53,198	2,635	2,168
96	77	2 841	13,259	33,010	2,490	2,022
97	78	1 879	8,294	19,751	2,381	1,914
98	79	1 212	5,060	11,457	2,264	1,796
99	80	751	2,962	6,397	2,159	1,692
100	81	446	1,663	3,434	2,065	1,597

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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20	0	99 344	32 473,930	563 502,003	17,352	16,885
21	1	99 003	30 602,698	531 028,073	17,352	16,885
22	2	98 938	28 919,822	500 425,375	17,304	16,836
23	3	98 881	27 331,547	471 505,554	17,251	16,784
24	4	98 830	25 832,185	444 174,007	17,195	16,727
25	5	98 774	24 413,663	418 341,822	17,136	16,668
26	6	98 722	23 074,040	393 928,159	17,072	16,605
27	7	98 668	21 807,482	370 854,119	17,006	16,538
28	8	98 618	20 611,251	349 046,637	16,935	16,467
29	9	98 563	19 479,737	328 435,386	16,860	16,393
30	10	98 506	18 409,820	308 955,649	16,782	16,315
31	11	98 445	17 398,022	290 545,829	16,700	16,232
32	12	98 376	16 440,627	273 147,807	16,614	16,147
33	13	98 306	15 535,615	256 707,180	16,524	16,056
34	14	98 225	14 678,757	241 171,565	16,430	15,962
35	15	98 140	13 868,661	226 492,808	16,331	15,864
36	16	98 050	13 102,457	212 624,147	16,228	15,760
37	17	97 951	12 377,559	199 521,690	16,120	15,652
38	18	97 842	11 691,487	187 144,131	16,007	15,539
39	19	97 718	11 041,800	175 452,645	15,890	15,422
40	20	97 592	10 427,964	164 410,845	15,766	15,299
41	21	97 453	9 846,932	153 982,882	15,638	15,170
42	22	97 307	9 297,567	144 135,949	15,503	15,035
43	23	97 151	8 777,929	134 838,383	15,361	14,893
44	24	96 984	8 286,370	126 060,454	15,213	14,745
45	25	96 792	7 820,314	117 774,084	15,060	14,592
46	26	96 584	7 379,207	109 953,770	14,900	14,433
47	27	96 356	6 961,457	102 574,563	14,735	14,267
48	28	96 107	6 565,938	95 613,105	14,562	14,094
49	29	95 829	6 190,977	89 047,168	14,383	13,916
50	30	95 520	5 835,447	82 856,190	14,199	13,731
51	31	95 172	5 498,065	77 020,743	14,009	13,541
52	32	94 790	5 178,243	71 522,678	13,812	13,345
53	33	94 365	4 874,737	66 344,435	13,610	13,142
54	34	93 888	4 586,373	61 469,699	13,403	12,935
55	35	93 351	4 312,188	56 883,325	13,191	12,724
56	36	92 761	4 051,939	52 571,137	12,974	12,507
57	37	92 107	3 804,635	48 519,198	12,753	12,285
58	38	91 389	3 569,689	44 714,563	12,526	12,059
59	39	90 589	3 346,039	41 144,874	12,297	11,829
60	40	89 725	3 133,940	37 798,835	12,061	11,594
61	41	88 782	2 932,390	34 664,895	11,821	11,354
62	42	87 756	2 740,908	31 732,505	11,577	11,110
63	43	86 639	2 558,892	28 991,597	11,330	10,862
64	44	85 437	2 386,183	26 432,706	11,077	10,610
65	45	84 138	2 222,119	24 046,522	10,821	10,354
66	46	82 745	2 066,507	21 824,403	10,561	10,093
67	47	81 272	1 919,353	19 757,896	10,294	9,826
68	48	79 700	1 779,886	17 838,543	10,022	9,555
69	49	78 047	1 648,194	16 058,657	9,743	9,276
70	50	76 266	1 523,024	14 410,463	9,462	8,994
71	51	74 427	1 405,481	12 887,440	9,169	8,702
72	52	72 438	1 293,535	11 481,959	8,876	8,409
73	53	70 377	1 188,394	10 188,423	8,573	8,106
74	54	68 178	1 088,670	9 000,029	8,267	7,799
75	55	65 868	994,592	7 911,359	7,954	7,487
76	56	63 447	905,941	6 916,767	7,635	7,167
77	57	60 870	821,887	6 010,825	7,313	6,846
78	58	58 163	742,643	5 188,939	6,987	6,520
79	59	55 277	667,416	4 446,295	6,662	6,194
80	60	52 241	596,455	3 778,879	6,336	5,868
81	61	49 033	529,392	3 182,425	6,011	5,544
82	62	45 608	465,639	2 653,033	5,698	5,230
83	63	42 035	405,824	2 187,394	5,390	4,922
84	64	38 350	350,117	1 781,570	5,089	4,621
85	65	34 562	298,376	1 431,454	4,797	4,330
86	66	30 697	250,603	1 133,078	4,521	4,054
87	67	26 847	207,251	882,475	4,258	3,790
88	68	23 079	168,479	675,224	4,008	3,540
89	69	19 442	134,207	506,746	3,776	3,308
90	70	16 044	104,731	372,538	3,557	3,090
91	71	12 966	80,034	267,807	3,346	2,879
92	72	10 242	59,785	187,773	3,141	2,673
93	73	7 816	43,144	127,987	2,967	2,499
94	74	5 817	30,360	84,843	2,795	2,327
95	75	4 170	20,584	54,483	2,647	2,179
96	76	2 903	13,552	33,899	2,501	2,034
97	77	1 925	8,496	20,348	2,395	1,927
98	78	1 247	5,203	11,851	2,278	1,810
99	79	775	3,058	6,648	2,174	1,706
100	80	463	1,726	3,590	2,079	1,612

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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21	0	99 301	30 694,947	531 266,907	17,308	16,840
22	1	98 963	28 926,994	500 571,960	17,305	16,837
23	2	98 893	27 334,943	471 644,966	17,254	16,787
24	3	98 841	25 834,850	444 310,023	17,198	16,731
25	4	98 783	24 415,999	418 475,174	17,139	16,672
26	5	98 731	23 076,096	394 059,175	17,077	16,609
27	6	98 677	21 809,411	370 983,079	17,010	16,543
28	7	98 622	20 612,209	349 173,668	16,940	16,473
29	8	98 570	19 481,095	328 561,459	16,866	16,398
30	9	98 512	18 410,946	309 080,365	16,788	16,320
31	10	98 450	17 399,040	290 669,419	16,706	16,238
32	11	98 384	16 441,898	273 270,379	16,620	16,153
33	12	98 314	15 536,835	256 828,481	16,530	16,063
34	13	98 234	14 680,140	241 291,645	16,437	15,969
35	14	98 149	13 869,940	226 611,505	16,338	15,871
36	15	98 062	13 104,052	212 741,566	16,235	15,767
37	16	97 965	12 379,382	199 637,514	16,127	15,659
38	17	97 855	11 693,079	187 258,133	16,014	15,547
39	18	97 737	11 043,975	175 565,054	15,897	15,429
40	19	97 609	10 429,787	164 521,078	15,774	15,307
41	20	97 471	9 848,753	154 091,292	15,646	15,178
42	21	97 323	9 299,100	144 242,539	15,511	15,044
43	22	97 167	8 779,358	134 943,439	15,371	14,903
44	23	97 002	8 287,861	126 164,080	15,223	14,755
45	24	96 810	7 821,722	117 876,219	15,070	14,603
46	25	96 603	7 380,611	110 054,498	14,911	14,444
47	26	96 374	6 962,768	102 673,886	14,746	14,279
48	27	96 128	6 567,351	95 711,119	14,574	14,106
49	28	95 852	6 192,436	89 143,768	14,396	13,928
50	29	95 544	5 836,957	82 951,331	14,211	13,744
51	30	95 202	5 499,810	77 114,374	14,021	13,554
52	31	94 820	5 179,869	71 614,565	13,826	13,358
53	32	94 397	4 876,408	66 434,695	13,624	13,156
54	33	93 922	4 588,027	61 558,288	13,417	12,950
55	34	93 389	4 313,940	56 970,261	13,206	12,739
56	35	92 799	4 053,609	52 656,322	12,990	12,522
57	36	92 150	3 806,380	48 602,712	12,769	12,301
58	37	91 432	3 571,384	44 796,332	12,543	12,076
59	38	90 643	3 348,059	41 224,948	12,313	11,846
60	39	89 779	3 135,825	37 876,889	12,079	11,611
61	40	88 843	2 934,402	34 741,063	11,839	11,372
62	41	87 821	2 742,938	31 806,662	11,596	11,128
63	42	86 708	2 560,925	29 063,724	11,349	10,881
64	43	85 515	2 388,352	26 502,799	11,097	10,629
65	44	84 220	2 224,278	24 114,447	10,841	10,374
66	45	82 840	2 068,891	21 890,169	10,581	10,113
67	46	81 371	1 921,693	19 821,278	10,314	9,847
68	47	79 809	1 782,328	17 899,585	10,043	9,575
69	48	78 171	1 650,825	16 117,257	9,763	9,296
70	49	76 400	1 525,691	14 466,432	9,482	9,014
71	50	74 565	1 408,091	12 940,741	9,190	8,723
72	51	72 593	1 296,313	11 532,651	8,897	8,429
73	52	70 541	1 191,173	10 236,338	8,593	8,126
74	53	68 353	1 091,473	9 045,165	8,287	7,820
75	54	66 059	997,474	7 953,692	7,974	7,506
76	55	63 653	908,891	6 956,218	7,654	7,186
77	56	61 088	824,837	6 047,327	7,332	6,864
78	57	58 393	745,569	5 222,490	7,005	6,537
79	58	55 519	670,332	4 476,921	6,679	6,211
80	59	52 488	599,275	3 806,589	6,352	5,884
81	60	49 293	532,199	3 207,314	6,027	5,559
82	61	45 869	468,302	2 675,115	5,712	5,245
83	62	42 294	408,329	2 206,813	5,404	4,937
84	63	38 610	352,495	1 798,484	5,102	4,635
85	64	34 822	300,622	1 445,989	4,810	4,342
86	65	30 944	252,616	1 145,367	4,534	4,066
87	66	27 084	209,083	892,750	4,270	3,802
88	67	23 300	170,092	683,668	4,019	3,552
89	68	19 647	135,627	513,576	3,787	3,319
90	69	16 231	105,956	377,949	3,567	3,099
91	70	13 131	81,055	271,993	3,356	2,888
92	71	10 384	60,616	190,938	3,150	2,682
93	72	7 934	43,793	130,322	2,976	2,508
94	73	5 914	30,867	86,530	2,803	2,336
95	74	4 246	20,958	55,662	2,656	2,188
96	75	2 960	13,817	34,705	2,512	2,044
97	76	1 967	8,684	20,888	2,405	1,938
98	77	1 277	5,330	12,204	2,290	1,822
99	78	797	3,145	6,874	2,186	1,718
100	79	478	1,782	3,729	2,092	1,625

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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22	0	99 261	29 014,191	500 793,128	17,260	16,793
23	1	98 918	27 341,722	471 778,937	17,255	16,787
24	2	98 853	25 838,059	444 437,215	17,201	16,733
25	3	98 794	24 418,517	418 599,155	17,143	16,675
26	4	98 740	23 078,304	394 180,638	17,080	16,613
27	5	98 685	21 811,354	371 102,334	17,014	16,547
28	6	98 631	20 614,032	349 290,980	16,944	16,477
29	7	98 574	19 482,000	328 676,948	16,871	16,403
30	8	98 518	18 412,229	309 194,948	16,793	16,325
31	9	98 456	17 400,104	290 782,719	16,712	16,244
32	10	98 390	16 442,860	273 382,615	16,626	16,159
33	11	98 322	15 538,037	256 939,755	16,536	16,069
34	12	98 242	14 681,293	241 401,718	16,443	15,975
35	13	98 159	13 871,246	226 720,425	16,345	15,877
36	14	98 071	13 105,260	212 849,179	16,242	15,774
37	15	97 977	12 380,888	199 743,919	16,133	15,666
38	16	97 869	11 694,801	187 363,031	16,021	15,553
39	17	97 751	11 045,479	175 668,230	15,904	15,437
40	18	97 628	10 431,842	164 622,751	15,781	15,313
41	19	97 488	9 850,475	154 190,909	15,653	15,186
42	20	97 341	9 300,820	144 340,434	15,519	15,052
43	21	97 183	8 780,806	135 039,615	15,379	14,911
44	22	97 017	8 289,211	126 258,809	15,232	14,764
45	23	96 827	7 823,130	117 969,598	15,080	14,612
46	24	96 620	7 381,940	110 146,468	14,921	14,453
47	25	96 392	6 964,093	102 764,529	14,756	14,289
48	26	96 146	6 568,587	95 800,436	14,585	14,117
49	27	95 872	6 193,769	89 231,849	14,407	13,939
50	28	95 567	5 838,333	83 038,080	14,223	13,755
51	29	95 227	5 501,233	77 199,747	14,033	13,566
52	30	94 850	5 181,512	71 698,514	13,837	13,370
53	31	94 427	4 877,939	66 517,001	13,636	13,169
54	32	93 954	4 589,599	61 639,062	13,430	12,963
55	33	93 422	4 315,495	57 049,463	13,220	12,752
56	34	92 837	4 055,256	52 733,968	13,004	12,536
57	35	92 188	3 807,950	48 678,713	12,783	12,316
58	36	91 474	3 573,022	44 870,763	12,558	12,091
59	37	90 686	3 349,649	41 297,741	12,329	11,861
60	38	89 833	3 137,718	37 948,092	12,094	11,627
61	39	88 896	2 936,167	34 810,373	11,856	11,388
62	40	87 881	2 744,820	31 874,207	11,612	11,145
63	41	86 772	2 562,822	29 129,386	11,366	10,899
64	42	85 583	2 390,249	26 566,565	11,115	10,647
65	43	84 296	2 226,300	24 176,315	10,859	10,392
66	44	82 921	2 070,901	21 950,016	10,599	10,132
67	45	81 465	1 923,910	19 879,115	10,333	9,865
68	46	79 907	1 784,501	17 955,205	10,062	9,594
69	47	78 279	1 653,090	16 170,704	9,782	9,315
70	48	76 522	1 528,126	14 517,614	9,500	9,033
71	49	74 696	1 410,556	12 989,488	9,209	8,741
72	50	72 728	1 298,720	11 578,931	8,916	8,448
73	51	70 693	1 193,731	10 280,211	8,612	8,144
74	52	68 513	1 094,025	9 086,480	8,306	7,838
75	53	66 229	1 000,042	7 992,455	7,992	7,525
76	54	63 838	911,524	6 992,414	7,671	7,204
77	55	61 287	827,523	6 080,890	7,348	6,881
78	56	58 602	748,245	5 253,367	7,021	6,553
79	57	55 737	672,972	4 505,121	6,694	6,227
80	58	52 717	601,893	3 832,149	6,367	5,899
81	59	49 526	534,716	3 230,256	6,041	5,573
82	60	46 112	470,786	2 695,540	5,726	5,258
83	61	42 536	410,664	2 224,755	5,417	4,950
84	62	38 849	354,671	1 814,091	5,115	4,647
85	63	35 059	302,665	1 459,419	4,822	4,354
86	64	31 177	254,518	1 156,755	4,545	4,077
87	65	27 301	210,762	902,236	4,281	3,813
88	66	23 506	171,595	691,474	4,030	3,562
89	67	19 835	136,925	519,879	3,797	3,329
90	68	16 403	107,076	382,953	3,576	3,109
91	69	13 284	82,003	275,877	3,364	2,897
92	70	10 517	61,389	193,874	3,158	2,691
93	71	8 044	44,401	132,485	2,984	2,516
94	72	6 003	31,331	88,084	2,811	2,344
95	73	4 317	21,307	56,753	2,664	2,196
96	74	3 014	14,068	35,445	2,520	2,052
97	75	2 006	8,854	21,377	2,414	1,947
98	76	1 305	5,448	12,523	2,299	1,831
99	77	816	3,221	7,076	2,196	1,729
100	78	491	1,832	3,854	2,103	1,636

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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23	0	99 216	27 424,141	471 983,779	17,211	16,743
24	1	98 877	25 844,467	444 559,638	17,201	16,734
25	2	98 806	24 421,551	418 715,171	17,145	16,678
26	3	98 750	23 080,684	394 293,620	17,083	16,616
27	4	98 695	21 813,441	371 212,936	17,018	16,550
28	5	98 640	20 615,869	349 399,494	16,948	16,481
29	6	98 583	19 483,723	328 783,626	16,875	16,407
30	7	98 523	18 413,085	309 299,902	16,798	16,330
31	8	98 463	17 401,317	290 886,818	16,716	16,249
32	9	98 396	16 443,866	273 485,501	16,631	16,164
33	10	98 327	15 538,946	257 041,635	16,542	16,074
34	11	98 250	14 682,428	241 502,689	16,448	15,981
35	12	98 166	13 872,336	226 820,261	16,351	15,883
36	13	98 080	13 106,495	212 947,926	16,248	15,780
37	14	97 986	12 382,030	199 841,431	16,140	15,672
38	15	97 881	11 696,224	187 459,401	16,027	15,560
39	16	97 765	11 047,106	175 763,177	15,910	15,443
40	17	97 642	10 433,262	164 716,071	15,788	15,320
41	18	97 508	9 852,416	154 282,809	15,659	15,192
42	19	97 358	9 302,446	144 430,393	15,526	15,058
43	20	97 201	8 782,430	135 127,947	15,386	14,919
44	21	97 033	8 290,578	126 345,517	15,240	14,772
45	22	96 843	7 824,403	118 054,940	15,088	14,620
46	23	96 638	7 383,268	110 230,536	14,930	14,462
47	24	96 410	6 965,346	102 847,268	14,766	14,298
48	25	96 164	6 569,837	95 881,922	14,594	14,127
49	26	95 890	6 194,935	89 312,085	14,417	13,949
50	27	95 588	5 839,590	83 117,150	14,233	13,766
51	28	95 249	5 502,530	77 277,561	14,044	13,576
52	29	94 874	5 182,854	71 775,031	13,849	13,381
53	30	94 457	4 879,487	66 592,177	13,647	13,180
54	31	93 983	4 591,041	61 712,691	13,442	12,974
55	32	93 454	4 316,974	57 121,650	13,232	12,764
56	33	92 870	4 056,718	52 804,676	13,017	12,549
57	34	92 225	3 809,496	48 747,959	12,796	12,329
58	35	91 512	3 574,495	44 938,462	12,572	12,104
59	36	90 728	3 351,186	41 363,967	12,343	11,876
60	37	89 876	3 139,208	38 012,781	12,109	11,641
61	38	88 950	2 937,939	34 873,573	11,870	11,403
62	39	87 934	2 746,471	31 935,634	11,628	11,160
63	40	86 832	2 564,580	29 189,163	11,382	10,914
64	41	85 646	2 392,020	26 624,582	11,131	10,663
65	42	84 363	2 228,068	24 232,563	10,876	10,408
66	43	82 996	2 072,783	22 004,494	10,616	10,148
67	44	81 544	1 925,779	19 931,711	10,350	9,882
68	45	79 999	1 786,560	18 005,932	10,079	9,611
69	46	78 374	1 655,105	16 219,373	9,800	9,332
70	47	76 627	1 530,223	14 564,267	9,518	9,050
71	48	74 815	1 412,809	13 034,044	9,226	8,758
72	49	72 856	1 300,994	11 621,236	8,933	8,465
73	50	70 824	1 195,947	10 320,242	8,629	8,162
74	51	68 660	1 096,374	9 124,294	8,322	7,855
75	52	66 384	1 002,380	8 027,920	8,009	7,541
76	53	64 002	913,871	7 025,540	7,688	7,220
77	54	61 465	829,920	6 111,669	7,364	6,897
78	55	58 793	750,682	5 281,749	7,036	6,568
79	56	55 938	675,388	4 531,068	6,709	6,241
80	57	52 925	604,264	3 855,679	6,381	5,913
81	58	49 742	537,052	3 251,415	6,054	5,587
82	59	46 330	473,012	2 714,363	5,738	5,271
83	60	42 762	412,842	2 241,352	5,429	4,962
84	61	39 071	356,699	1 828,510	5,126	4,659
85	62	35 275	304,533	1 471,810	4,833	4,365
86	63	31 389	256,248	1 167,277	4,555	4,088
87	64	27 507	212,349	911,030	4,290	3,823
88	65	23 695	172,974	698,680	4,039	3,572
89	66	20 011	138,136	525,706	3,806	3,338
90	67	16 560	108,101	387,571	3,585	3,118
91	68	13 425	82,870	279,469	3,372	2,905
92	69	10 640	62,107	196,599	3,166	2,698
93	70	8 147	44,968	134,493	2,991	2,523
94	71	6 086	31,767	89,525	2,818	2,351
95	72	4 382	21,628	57,758	2,671	2,203
96	73	3 064	14,303	36,131	2,526	2,058
97	74	2 042	9,015	21,827	2,421	1,954
98	75	1 331	5,554	12,813	2,307	1,839
99	76	834	3,292	7,258	2,205	1,737
100	77	503	1,877	3,966	2,113	1,645

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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24	0	99 175	25 922,373	444 749,398	17,157	16,689
25	1	98 830	24 427,607	418 827,025	17,146	16,678
26	2	98 763	23 083,552	394 399,418	17,086	16,618
27	3	98 705	21 815,691	371 315,866	17,021	16,553
28	4	98 649	20 617,841	349 500,175	16,951	16,484
29	5	98 592	19 485,459	328 882,333	16,878	16,411
30	6	98 532	18 414,714	309 396,874	16,802	16,334
31	7	98 468	17 402,125	290 982,161	16,721	16,253
32	8	98 403	16 445,012	273 580,036	16,636	16,168
33	9	98 333	15 539,896	257 135,024	16,547	16,079
34	10	98 255	14 683,287	241 595,128	16,454	15,986
35	11	98 174	13 873,409	226 911,840	16,356	15,888
36	12	98 088	13 107,524	213 038,432	16,253	15,786
37	13	97 996	12 383,196	199 930,908	16,145	15,678
38	14	97 890	11 697,302	187 547,712	16,033	15,566
39	15	97 777	11 048,450	175 850,409	15,916	15,449
40	16	97 656	10 434,799	164 801,959	15,793	15,326
41	17	97 521	9 853,758	154 367,160	15,666	15,198
42	18	97 377	9 304,279	144 513,402	15,532	15,064
43	19	97 218	8 783,965	135 209,124	15,393	14,925
44	20	97 051	8 292,111	126 425,158	15,246	14,779
45	21	96 859	7 825,694	118 133,048	15,096	14,628
46	22	96 653	7 384,471	110 307,354	14,938	14,470
47	23	96 427	6 966,600	102 922,883	14,774	14,306
48	24	96 181	6 571,019	95 956,284	14,603	14,135
49	25	95 909	6 196,114	89 385,265	14,426	13,958
50	26	95 605	5 840,689	83 189,151	14,243	13,775
51	27	95 270	5 503,714	77 348,462	14,054	13,586
52	28	94 897	5 184,075	71 844,748	13,859	13,391
53	29	94 481	4 880,750	66 660,673	13,658	13,190
54	30	94 013	4 592,497	61 779,923	13,452	12,985
55	31	93 484	4 318,330	57 187,426	13,243	12,775
56	32	92 902	4 058,108	52 869,096	13,028	12,560
57	33	92 258	3 810,870	48 810,988	12,808	12,341
58	34	91 549	3 575,947	45 000,119	12,584	12,117
59	35	90 765	3 352,567	41 424,172	12,356	11,888
60	36	89 917	3 140,648	38 071,604	12,122	11,655
61	37	88 992	2 939,334	34 930,956	11,884	11,416
62	38	87 987	2 748,129	31 991,622	11,641	11,174
63	39	86 884	2 566,123	29 243,493	11,396	10,928
64	40	85 705	2 393,661	26 677,370	11,145	10,677
65	41	84 426	2 229,719	24 283,709	10,891	10,423
66	42	83 062	2 074,429	22 053,990	10,631	10,164
67	43	81 618	1 927,529	19 979,560	10,365	9,898
68	44	80 076	1 788,295	18 052,031	10,095	9,627
69	45	78 464	1 657,015	16 263,736	9,815	9,348
70	46	76 720	1 532,089	14 606,721	9,534	9,066
71	47	74 918	1 414,747	13 074,632	9,242	8,774
72	48	72 972	1 303,071	11 659,885	8,948	8,480
73	49	70 948	1 198,041	10 356,814	8,645	8,177
74	50	68 788	1 098,410	9 158,773	8,338	7,871
75	51	66 526	1 004,533	8 060,363	8,024	7,556
76	52	64 152	916,008	7 055,830	7,703	7,235
77	53	61 623	832,056	6 139,822	7,379	6,912
78	54	58 963	752,857	5 307,766	7,050	6,583
79	55	56 120	677,587	4 554,910	6,722	6,255
80	56	53 114	606,433	3 877,322	6,394	5,926
81	57	49 938	539,168	3 270,889	6,067	5,599
82	58	46 532	475,078	2 731,721	5,750	5,282
83	59	42 964	414,794	2 256,643	5,440	4,973
84	60	39 278	358,591	1 841,849	5,136	4,669
85	61	35 477	306,274	1 483,258	4,843	4,375
86	62	31 582	257,829	1 176,983	4,565	4,097
87	63	27 694	213,792	919,154	4,299	3,832
88	64	23 873	174,276	705,362	4,047	3,580
89	65	20 171	139,245	531,086	3,814	3,346
90	66	16 707	109,057	391,840	3,593	3,125
91	67	13 553	83,663	282,783	3,380	2,912
92	68	10 752	62,764	199,120	3,173	2,705
93	69	8 242	45,493	136,356	2,997	2,530
94	70	6 164	32,172	90,863	2,824	2,357
95	71	4 443	21,928	58,691	2,677	2,209
96	72	3 110	14,518	36,763	2,532	2,065
97	73	2 077	9,165	22,245	2,427	1,960
98	74	1 355	5,655	13,079	2,313	1,845
99	75	851	3,357	7,424	2,212	1,744
100	76	514	1,919	4,067	2,120	1,652

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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25	0	99 128	24 501,242	419 002,845	17,101	16,634
26	1	98 787	23 089,277	394 501,603	17,086	16,618
27	2	98 717	21 818,402	371 412,327	17,023	16,555
28	3	98 659	20 619,968	349 593,925	16,954	16,487
29	4	98 601	19 487,324	328 973,957	16,881	16,414
30	5	98 541	18 416,354	309 486,633	16,805	16,337
31	6	98 476	17 403,665	291 070,279	16,725	16,257
32	7	98 407	16 445,776	273 666,614	16,641	16,173
33	8	98 340	15 540,979	257 220,839	16,551	16,084
34	9	98 261	14 684,185	241 679,860	16,459	15,991
35	10	98 180	13 874,220	226 995,674	16,361	15,893
36	11	98 095	13 108,538	213 121,454	16,258	15,791
37	12	98 003	12 384,169	200 012,916	16,151	15,683
38	13	97 900	11 698,405	187 628,748	16,039	15,571
39	14	97 786	11 049,469	175 930,343	15,922	15,454
40	15	97 668	10 436,069	164 880,874	15,799	15,332
41	16	97 535	9 855,209	154 444,805	15,671	15,204
42	17	97 391	9 305,546	144 589,597	15,538	15,070
43	18	97 237	8 785,696	135 284,051	15,398	14,931
44	19	97 068	8 293,560	126 498,355	15,253	14,785
45	20	96 877	7 827,141	118 204,794	15,102	14,634
46	21	96 669	7 385,689	110 377,653	14,945	14,477
47	22	96 443	6 967,734	102 991,965	14,781	14,314
48	23	96 199	6 572,202	96 024,231	14,611	14,143
49	24	95 926	6 197,229	89 452,029	14,434	13,967
50	25	95 624	5 841,800	83 254,800	14,252	13,784
51	26	95 288	5 504,750	77 413,000	14,063	13,595
52	27	94 917	5 185,191	71 908,250	13,868	13,400
53	28	94 504	4 881,900	66 723,059	13,667	13,200
54	29	94 038	4 593,686	61 841,159	13,462	12,995
55	30	93 513	4 319,700	57 247,473	13,253	12,785
56	31	92 931	4 059,383	52 927,774	13,038	12,571
57	32	92 290	3 812,176	48 868,391	12,819	12,351
58	33	91 582	3 577,236	45 056,215	12,595	12,128
59	34	90 802	3 353,929	41 478,979	12,367	11,900
60	35	89 954	3 141,943	38 125,050	12,134	11,667
61	36	89 033	2 940,683	34 983,107	11,896	11,429
62	37	88 029	2 749,434	32 042,424	11,654	11,187
63	38	86 937	2 567,672	29 292,990	11,408	10,941
64	39	85 757	2 395,101	26 725,318	11,158	10,691
65	40	84 484	2 231,249	24 330,217	10,904	10,437
66	41	83 124	2 075,966	22 098,968	10,645	10,178
67	42	81 683	1 929,060	20 023,002	10,380	9,912
68	43	80 149	1 789,921	18 093,942	10,109	9,641
69	44	78 541	1 658,625	16 304,021	9,830	9,362
70	45	76 809	1 533,856	14 645,397	9,548	9,081
71	46	75 009	1 416,472	13 111,541	9,256	8,789
72	47	73 072	1 304,859	11 695,069	8,963	8,495
73	48	71 061	1 199,954	10 390,210	8,659	8,191
74	49	68 908	1 100,333	9 190,256	8,352	7,885
75	50	66 650	1 006,398	8 089,922	8,038	7,571
76	51	64 289	917,975	7 083,525	7,716	7,249
77	52	61 767	834,002	6 165,550	7,393	6,925
78	53	59 115	754,795	5 331,548	7,064	6,596
79	54	56 282	679,550	4 576,753	6,735	6,267
80	55	53 287	608,408	3 897,203	6,406	5,938
81	56	50 118	541,103	3 288,795	6,078	5,610
82	57	46 716	476,950	2 747,692	5,761	5,293
83	58	43 152	416,606	2 270,742	5,451	4,983
84	59	39 464	360,287	1 854,136	5,146	4,679
85	60	35 665	307,899	1 493,849	4,852	4,384
86	61	31 763	259,304	1 185,950	4,574	4,106
87	62	27 865	215,112	926,647	4,308	3,840
88	63	24 035	175,460	711,535	4,055	3,588
89	64	20 323	140,294	536,074	3,821	3,354
90	65	16 841	109,933	395,781	3,600	3,133
91	66	13 673	84,403	285,848	3,387	2,919
92	67	10 855	63,364	201,445	3,179	2,712
93	68	8 329	45,975	138,080	3,003	2,536
94	69	6 236	32,548	92,106	2,830	2,362
95	70	4 499	22,208	59,558	2,682	2,214
96	71	3 154	14,720	37,350	2,537	2,070
97	72	2 108	9,303	22,630	2,433	1,965
98	73	1 378	5,750	13,327	2,318	1,850
99	74	866	3,418	7,577	2,217	1,749
100	75	524	1,956	4,159	2,126	1,659

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 719 144,994	17,191	16,723	50	50	94 053	5 105,962	67 082,685	13,138	12,670
1	1	99 344	93 721,047	1 619 144,994	17,276	16,808	51	51	93 566	4 792,036	61 976,723	12,933	12,465
2	2	99 292	88 369,727	1 525 423,947	17,262	16,794	52	52	93 020	4 494,402	57 184,687	12,724	12,256
3	3	99 264	83 344,298	1 437 054,221	17,242	16,774	53	53	92 419	4 212,594	52 690,286	12,508	12,040
4	4	99 243	78 610,022	1 353 709,923	17,221	16,753	54	54	91 749	3 945,321	48 477,691	12,287	11,819
5	5	99 223	74 145,403	1 275 099,901	17,197	16,729	55	55	90 997	3 691,519	44 532,371	12,063	11,595
6	6	99 204	69 935,236	1 200 954,498	17,172	16,704	56	56	90 166	3 450,739	40 840,851	11,835	11,367
7	7	99 187	65 964,804	1 131 019,262	17,146	16,678	57	57	89 251	3 222,401	37 390,113	11,603	11,135
8	8	99 174	62 222,696	1 065 054,458	17,117	16,649	58	58	88 249	3 005,869	34 167,711	11,367	10,899
9	9	99 158	58 691,546	1 002 831,762	17,086	16,619	59	59	87 149	2 800,363	31 161,842	11,128	10,660
10	10	99 144	55 361,566	944 140,216	17,054	16,586	60	60	85 963	2 605,919	28 361,479	10,883	10,416
11	11	99 130	52 220,700	888 778,649	17,020	16,552	61	61	84 669	2 421,402	25 755,560	10,637	10,169
12	12	99 115	49 257,189	836 557,950	16,983	16,516	62	62	83 277	2 246,774	23 334,158	10,386	9,918
13	13	99 101	46 462,199	787 300,760	16,945	16,477	63	63	81 777	2 081,440	21 087,385	10,131	9,663
14	14	99 082	43 823,931	740 838,562	16,905	16,437	64	64	80 171	1 925,058	19 005,945	9,873	9,405
15	15	99 059	41 333,911	697 014,631	16,863	16,395	65	65	78 438	1 776,831	17 080,887	9,613	9,145
16	16	99 031	38 983,278	655 680,720	16,820	16,352	66	66	76 613	1 637,252	15 304,056	9,347	8,879
17	17	98 992	36 762,162	616 697,443	16,775	16,307	67	67	74 681	1 505,619	13 666,804	9,077	8,609
18	18	98 951	34 667,035	579 935,280	16,729	16,261	68	68	72 641	1 381,607	12 161,185	8,802	8,334
19	19	98 894	32 685,778	545 268,245	16,682	16,214	69	69	70 502	1 265,024	10 779,578	8,521	8,053
20	20	98 837	30 817,989	512 582,468	16,633	16,165	70	70	68 217	1 154,740	9 514,554	8,240	7,772
21	21	98 777	29 055,647	481 764,478	16,581	16,113	71	71	65 856	1 051,663	8 359,814	7,949	7,481
22	22	98 720	27 395,361	452 708,831	16,525	16,057	72	72	63 353	954,430	7 308,151	7,657	7,189
23	23	98 659	25 828,750	425 313,470	16,467	15,999	73	73	60 780	863,840	6 353,722	7,355	6,887
24	24	98 601	24 352,382	399 484,721	16,404	15,936	74	74	58 064	778,524	5 489,881	7,052	6,584
25	25	98 537	22 958,904	375 132,338	16,339	15,871	75	75	55 255	698,928	4 711,358	6,741	6,273
26	26	98 475	21 645,740	352 173,434	16,270	15,802	76	76	52 370	624,943	4 012,430	6,420	5,953
27	27	98 411	20 407,298	330 527,693	16,197	15,729	77	77	49 336	555,411	3 387,487	6,099	5,631
28	28	98 344	19 239,136	310 120,395	16,119	15,651	78	78	46 202	490,688	2 832,077	5,772	5,304
29	29	98 274	18 137,053	290 881,259	16,038	15,570	79	79	42 891	429,736	2 341,389	5,448	4,980
30	30	98 197	17 097,077	272 744,206	15,953	15,485	80	80	39 447	372,858	1 911,653	5,127	4,659
31	31	98 111	16 115,151	255 647,129	15,864	15,396	81	81	35 864	319,804	1 538,795	4,812	4,344
32	32	98 019	15 188,838	239 531,978	15,770	15,302	82	82	32 118	270,189	1 218,990	4,512	4,044
33	33	97 924	14 315,102	224 343,140	15,672	15,204	83	83	28 314	224,704	948,801	4,222	3,754
34	34	97 817	13 490,069	210 028,038	15,569	15,101	84	84	24 532	183,673	724,098	3,942	3,474
35	35	97 702	12 711,524	196 537,969	15,461	14,993	85	85	20 824	147,084	540,425	3,674	3,206
36	36	97 583	11 977,445	183 826,446	15,348	14,880	86	86	17 225	114,776	393,341	3,427	2,959
37	37	97 455	11 284,588	171 849,001	15,229	14,761	87	87	13 872	87,205	278,566	3,194	2,726
38	38	97 313	10 630,359	160 564,413	15,104	14,636	88	88	10 836	64,265	191,361	2,978	2,510
39	39	97 150	10 011,889	149 934,054	14,976	14,508	89	89	8 172	45,717	127,096	2,780	2,312
40	40	96 984	9 428,985	139 922,165	14,840	14,372	90	90	5 939	31,345	81,379	2,596	2,128
41	41	96 797	8 878,167	130 493,179	14,698	14,230	91	91	4 144	20,632	50,034	2,425	1,957
42	42	96 597	8 358,266	121 615,012	14,550	14,082	92	92	2 762	12,976	29,402	2,266	1,798
43	43	96 381	7 867,546	113 256,746	14,395	13,927	93	93	1 739	7,705	16,425	2,132	1,664
44	44	96 145	7 404,056	105 389,199	14,234	13,766	94	94	1 041	4,350	8,721	2,005	1,537
45	45	95 879	6 965,632	97 985,144	14,067	13,599	95	95	585	2,306	4,371	1,895	1,427
46	46	95 581	6 550,923	91 019,511	13,894	13,426	96	96	310	1,154	2,065	1,789	1,321
47	47	95 257	6 159,140	84 468,589	13,714	13,246	97	97	150	0,527	0,910	1,728	1,260
48	48	94 901	5 788,808	78 309,448	13,528	13,060	98	98	70	0,231	0,383	1,658	1,190
49	49	94 498	5 437,955	72 520,640	13,336	12,868	99	99	31	0,096	0,152	1,590	1,122
							100	100	13	0,037	0,056	1,530	1,062

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 699	99 699,466	1 718 026,097	17,232	16,764	50	51	93 878	5 096,500	66 564,372	13,061	12,593
1	2	99 320	93 697,810	1 618 326,631	17,272	16,804	51	52	93 366	4 781,768	61 467,873	12,855	12,387
2	3	99 280	88 358,749	1 524 628,821	17,255	16,787	52	53	92 803	4 483,916	56 686,105	12,642	12,174
3	4	99 254	83 335,702	1 436 270,072	17,235	16,767	53	54	92 182	4 201,778	52 202,188	12,424	11,956
4	5	99 234	78 602,501	1 352 934,370	17,212	16,744	54	55	91 483	3 933,924	48 000,411	12,202	11,734
5	6	99 214	74 138,798	1 274 331,869	17,188	16,720	55	56	90 702	3 679,539	44 066,487	11,976	11,508
6	7	99 196	69 929,049	1 200 193,072	17,163	16,695	56	57	89 843	3 438,396	40 386,948	11,746	11,278
7	8	99 182	65 961,740	1 130 264,022	17,135	16,667	57	58	88 901	3 209,756	36 948,552	11,511	11,043
8	9	99 167	62 218,360	1 064 302,283	17,106	16,638	58	59	87 865	2 992,795	33 738,796	11,273	10,805
9	10	99 152	58 687,956	1 002 083,923	17,075	16,607	59	60	86 738	2 787,184	30 746,001	11,031	10,563
10	11	99 138	55 358,328	943 395,967	17,042	16,574	60	61	85 510	2 592,170	27 958,817	10,786	10,318
11	12	99 123	52 216,662	888 037,639	17,007	16,539	61	62	84 188	2 407,634	25 366,647	10,536	10,068
12	13	99 107	49 253,321	835 820,977	16,970	16,502	62	63	82 766	2 232,991	22 959,013	10,282	9,814
13	14	99 091	46 457,821	786 567,656	16,931	16,463	63	64	81 226	2 067,392	20 726,022	10,025	9,557
14	15	99 073	43 819,890	740 109,834	16,890	16,422	64	65	79 572	1 910,673	18 658,630	9,765	9,298
15	16	99 047	41 328,882	696 289,944	16,848	16,380	65	66	77 813	1 762,669	16 747,957	9,501	9,034
16	17	99 017	38 977,538	654 961,063	16,804	16,336	66	67	75 942	1 622,906	14 985,288	9,234	8,766
17	18	98 979	36 757,156	615 983,525	16,758	16,290	67	68	73 972	1 491,342	13 362,382	8,960	8,492
18	19	98 932	34 660,205	579 226,369	16,712	16,244	68	69	71 881	1 367,148	11 871,040	8,683	8,215
19	20	98 877	32 680,064	544 566,163	16,664	16,196	69	70	69 688	1 250,407	10 503,892	8,400	7,932
20	21	98 819	30 812,292	511 886,099	16,613	16,145	70	71	67 358	1 140,192	9 253,485	8,116	7,648
21	22	98 760	29 050,856	481 073,807	16,560	16,092	71	72	64 953	1 037,253	8 113,293	7,822	7,354
22	23	98 704	27 390,901	452 022,951	16,503	16,035	72	73	62 414	940,291	7 076,040	7,525	7,057
23	24	98 642	25 824,101	424 632,051	16,443	15,975	73	74	59 782	849,659	6 135,749	7,221	6,753
24	25	98 583	24 348,001	398 807,949	16,379	15,912	74	75	57 028	764,632	5 286,090	6,913	6,445
25	26	98 518	22 954,537	374 459,949	16,313	15,845	75	76	54 192	685,486	4 521,457	6,596	6,128
26	27	98 456	21 641,667	351 505,412	16,242	15,774	76	77	51 241	611,465	3 835,971	6,273	5,805
27	28	98 390	20 402,907	329 863,745	16,167	15,700	77	78	48 162	542,194	3 224,506	5,947	5,479
28	29	98 321	19 234,603	309 460,838	16,089	15,621	78	79	44 934	477,219	2 682,312	5,621	5,153
29	30	98 248	18 132,360	290 226,235	16,006	15,538	79	80	41 544	416,236	2 205,093	5,298	4,830
30	31	98 166	17 091,655	272 093,875	15,920	15,452	80	81	38 009	359,263	1 788,857	4,979	4,511
31	32	98 080	16 110,090	255 002,220	15,829	15,361	81	82	34 334	306,157	1 429,593	4,669	4,202
32	33	97 986	15 183,634	238 892,130	15,734	15,266	82	83	30 532	256,847	1 123,436	4,374	3,906
33	34	97 888	14 309,943	223 708,496	15,633	15,165	83	84	26 708	211,960	866,589	4,088	3,620
34	35	97 777	13 484,592	209 398,552	15,529	15,061	84	85	22 934	171,704	654,629	3,813	3,345
35	36	97 662	12 706,285	195 913,960	15,419	14,951	85	86	19 239	135,887	482,924	3,554	3,086
36	37	97 539	11 971,953	183 207,675	15,303	14,835	86	87	15 723	104,769	347,038	3,312	2,844
37	38	97 408	11 279,232	171 235,722	15,182	14,714	87	88	12 486	78,489	242,268	3,087	2,619
38	39	97 254	10 623,946	159 956,491	15,056	14,588	88	89	9 599	56,925	163,779	2,877	2,409
39	40	97 092	10 005,871	149 332,545	14,924	14,457	89	90	7 113	39,796	106,853	2,685	2,217
40	41	96 917	9 422,520	139 326,674	14,787	14,319	90	91	5 063	26,722	67,057	2,509	2,041
41	42	96 726	8 871,595	129 904,154	14,643	14,175	91	92	3 449	17,174	40,335	2,349	1,881
42	43	96 520	8 351,632	121 032,559	14,492	14,024	92	93	2 244	10,543	23,161	2,197	1,729
43	44	96 293	7 860,402	112 680,927	14,335	13,867	93	94	1 375	6,095	12,618	2,070	1,602
44	45	96 052	7 396,870	104 820,525	14,171	13,703	94	95	801	3,349	6,524	1,948	1,480
45	46	95 769	6 957,606	97 423,655	14,002	13,535	95	96	437	1,723	3,175	1,842	1,374
46	47	95 465	6 542,947	90 466,049	13,826	13,359	96	97	222	0,824	1,452	1,761	1,293
47	48	95 126	6 150,701	83 923,102	13,644	13,177	97	98	105	0,369	0,627	1,698	1,230
48	49	94 750	5 779,580	77 772,402	13,456	12,988	98	99	48	0,159	0,258	1,623	1,156
49	50	94 333	5 428,449	71 992,821	13,262	12,794	99	100	20	0,063	0,099	1,560	1,092

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 675	99 674,746	1 717 136,323	17,227	16,759	50	52	93 677	5 085,580	66 003,033	12,978	12,511
1	3	99 307	93 686,170	1 617 461,577	17,265	16,797	51	53	93 148	4 770,612	60 917,453	12,769	12,301
2	4	99 270	88 349,637	1 523 775,407	17,247	16,779	52	54	92 565	4 472,403	56 146,841	12,554	12,086
3	5	99 245	83 327,728	1 435 425,770	17,226	16,758	53	55	91 915	4 189,640	51 674,438	12,334	11,866
4	6	99 225	78 595,499	1 352 098,042	17,203	16,735	54	56	91 187	3 921,157	47 484,798	12,110	11,642
5	7	99 206	74 132,239	1 273 502,543	17,179	16,711	55	57	90 377	3 666,377	43 563,641	11,882	11,414
6	8	99 191	69 925,801	1 199 370,304	17,152	16,684	56	58	89 490	3 424,903	39 897,264	11,649	11,181
7	9	99 175	65 957,143	1 129 444,503	17,124	16,656	57	59	88 514	3 195,796	36 472,362	11,413	10,945
8	10	99 161	62 214,554	1 063 487,360	17,094	16,626	58	60	87 452	2 978,710	33 276,566	11,171	10,704
9	11	99 146	58 684,523	1 001 272,806	17,062	16,594	59	61	86 281	2 772,478	30 297,856	10,928	10,460
10	12	99 131	55 354,047	942 588,283	17,028	16,560	60	62	85 024	2 577,431	27 525,377	10,679	10,211
11	13	99 115	52 212,561	887 234,236	16,993	16,525	61	63	83 671	2 392,865	24 947,946	10,426	9,958
12	14	99 098	49 248,681	835 021,674	16,955	16,487	62	64	82 207	2 217,921	22 555,081	10,169	9,702
13	15	99 082	46 453,538	785 772,993	16,915	16,447	63	65	80 619	2 051,943	20 337,160	9,911	9,443
14	16	99 061	43 814,559	739 319,456	16,874	16,406	64	66	78 938	1 895,444	18 285,217	9,647	9,179
15	17	99 032	41 322,796	695 504,897	16,831	16,363	65	67	77 131	1 747,224	16 389,773	9,380	8,912
16	18	99 003	38 972,230	654 182,101	16,786	16,318	66	68	75 222	1 607,517	14 642,549	9,109	8,641
17	19	98 959	36 749,915	615 209,871	16,740	16,272	67	69	73 198	1 475,734	13 035,032	8,833	8,365
18	20	98 915	34 654,147	578 459,956	16,692	16,224	68	70	71 050	1 351,351	11 559,298	8,554	8,086
19	21	98 859	32 674,023	543 805,809	16,643	16,175	69	71	68 810	1 234,654	10 207,947	8,268	7,800
20	22	98 803	30 807,211	511 131,786	16,591	16,123	70	72	66 435	1 124,569	8 973,293	7,979	7,511
21	23	98 744	29 046,126	480 324,576	16,537	16,069	71	73	63 991	1 021,887	7 848,724	7,681	7,213
22	24	98 686	27 385,972	451 278,450	16,478	16,010	72	74	61 390	924,855	6 826,836	7,382	6,914
23	25	98 624	25 819,455	423 892,478	16,418	15,950	73	75	58 716	834,499	5 901,981	7,072	6,605
24	26	98 565	24 343,369	398 073,023	16,352	15,884	74	76	55 931	749,927	5 067,482	6,757	6,289
25	27	98 499	22 950,217	373 729,654	16,284	15,816	75	77	53 024	670,703	4 317,555	6,437	5,969
26	28	98 435	21 637,010	350 779,437	16,212	15,744	76	78	50 022	596,914	3 646,852	6,110	5,642
27	29	98 367	20 398,099	329 142,428	16,136	15,668	77	79	46 840	527,312	3 049,937	5,784	5,316
28	30	98 296	19 229,625	308 744,328	16,056	15,588	78	80	43 522	462,228	2 522,626	5,458	4,990
29	31	98 217	18 126,610	289 514,703	15,972	15,504	79	81	40 029	401,060	2 060,398	5,137	4,669
30	32	98 135	17 086,288	271 388,093	15,883	15,415	80	82	36 387	343,932	1 659,339	4,825	4,357
31	33	98 046	16 104,571	254 301,805	15,791	15,323	81	83	32 638	291,039	1 315,406	4,520	4,052
32	34	97 951	15 178,163	238 197,235	15,693	15,225	82	84	28 801	242,281	1 024,367	4,228	3,760
33	35	97 849	14 304,134	223 019,072	15,591	15,123	83	85	24 968	198,148	782,086	3,947	3,479
34	36	97 737	13 479,035	208 714,938	15,484	15,016	84	86	21 188	158,633	583,937	3,681	3,213
35	37	97 617	12 700,459	195 235,903	15,372	14,904	85	87	17 561	124,040	425,304	3,429	2,961
36	38	97 492	11 966,270	182 535,444	15,254	14,786	86	88	14 152	94,298	301,264	3,195	2,727
37	39	97 350	11 272,428	170 569,174	15,132	14,664	87	89	11 060	69,526	206,966	2,977	2,509
38	40	97 196	10 617,559	159 296,746	15,003	14,535	88	90	8 356	49,553	137,440	2,774	2,306
39	41	97 025	9 999,010	148 679,187	14,869	14,401	89	91	6 064	33,927	87,887	2,590	2,123
40	42	96 846	9 415,545	138 680,177	14,729	14,261	90	92	4 214	22,243	53,960	2,426	1,958
41	43	96 649	8 864,553	129 264,632	14,582	14,114	91	93	2 802	13,954	31,718	2,273	1,805
42	44	96 432	8 344,048	120 400,079	14,429	13,961	92	94	1 775	8,340	17,764	2,130	1,662
43	45	96 200	7 852,773	112 056,031	14,270	13,802	93	95	1 059	4,692	9,424	2,009	1,541
44	46	95 941	7 388,347	104 203,258	14,104	13,636	94	96	599	2,502	4,732	1,891	1,423
45	47	95 652	6 949,135	96 814,911	13,932	13,464	95	97	312	1,231	2,230	1,812	1,344
46	48	95 334	6 533,981	89 865,776	13,754	13,286	96	98	155	0,578	0,999	1,729	1,261
47	49	94 975	6 140,896	83 331,795	13,570	13,102	97	99	72	0,254	0,421	1,660	1,192
48	50	94 584	5 769,477	77 190,899	13,379	12,911	98	100	32	0,105	0,168	1,591	1,123
49	51	94 158	5 418,389	71 421,422	13,181	12,713							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 662	99 662,364	1 716 196,141	17,220	16,752
1	4	99 297	93 676,508	1 616 533,777	17,257	16,789
2	5	99 260	88 341,183	1 522 857,268	17,238	16,770
3	6	99 236	83 320,305	1 434 516,085	17,217	16,749
4	7	99 216	78 588,546	1 351 195,780	17,193	16,725
5	8	99 201	74 128,795	1 272 607,234	17,168	16,700
6	9	99 184	69 920,928	1 198 478,438	17,140	16,673
7	10	99 169	65 953,108	1 128 557,510	17,112	16,644
8	11	99 155	62 210,915	1 062 604,402	17,081	16,613
9	12	99 139	58 679,985	1 000 393,487	17,048	16,580
10	13	99 123	55 349,701	941 713,502	17,014	16,546
11	14	99 106	52 207,642	886 363,801	16,978	16,510
12	15	99 089	49 244,140	834 156,159	16,939	16,471
13	16	99 070	46 447,886	784 912,019	16,899	16,431
14	17	99 046	43 808,107	738 464,133	16,857	16,389
15	18	99 019	41 317,169	694 656,026	16,813	16,345
16	19	98 984	38 964,552	653 338,857	16,768	16,300
17	20	98 942	36 743,491	614 374,305	16,721	16,253
18	21	98 896	34 647,740	577 630,813	16,672	16,204
19	22	98 842	32 668,635	542 983,073	16,621	16,153
20	23	98 787	30 802,195	510 314,439	16,567	16,100
21	24	98 726	29 040,899	479 512,243	16,512	16,044
22	25	98 669	27 381,044	450 471,345	16,452	15,984
23	26	98 605	25 814,543	423 090,301	16,390	15,922
24	27	98 546	24 338,788	397 275,758	16,323	15,855
25	28	98 478	22 945,279	372 936,970	16,253	15,785
26	29	98 412	21 631,911	349 991,691	16,179	15,711
27	30	98 341	20 392,821	328 359,780	16,102	15,634
28	31	98 265	19 223,527	307 966,959	16,020	15,552
29	32	98 186	18 120,918	288 743,432	15,934	15,466
30	33	98 101	17 080,434	270 622,514	15,844	15,376
31	34	98 011	16 098,768	253 542,081	15,749	15,281
32	35	97 911	15 172,001	237 443,313	15,650	15,182
33	36	97 808	14 298,238	222 271,312	15,545	15,077
34	37	97 692	13 472,855	207 973,074	15,436	14,968
35	38	97 570	12 694,431	194 500,219	15,322	14,854
36	39	97 433	11 959,052	181 805,789	15,202	14,734
37	40	97 291	11 265,651	169 846,737	15,077	14,609
38	41	97 129	10 610,279	158 581,086	14,946	14,478
39	42	96 954	9 991,608	147 970,807	14,810	14,342
40	43	96 769	9 408,071	137 979,199	14,666	14,198
41	44	96 561	8 856,504	128 571,128	14,517	14,049
42	45	96 339	8 335,949	119 714,624	14,361	13,893
43	46	96 089	7 843,725	111 378,675	14,200	13,732
44	47	95 824	7 379,351	103 534,950	14,030	13,562
45	48	95 521	6 939,613	96 155,599	13,856	13,388
46	49	95 182	6 523,566	89 215,986	13,676	13,208
47	50	94 809	6 130,161	82 692,420	13,489	13,021
48	51	94 409	5 758,785	76 562,259	13,295	12,827
49	52	93 956	5 406,779	70 803,474	13,095	12,627
50	53	93 459	5 073,715	65 396,695	12,889	12,421
51	54	92 909	4 758,363	60 322,980	12,677	12,209
52	55	92 297	4 459,484	55 564,617	12,460	11,992
53	56	91 617	4 176,043	51 105,133	12,238	11,770
54	57	90 860	3 907,131	46 929,090	12,011	11,543
55	58	90 023	3 651,990	43 021,959	11,780	11,312
56	59	89 101	3 410,006	39 369,970	11,545	11,077
57	60	88 098	3 180,755	35 959,963	11,305	10,838
58	61	86 990	2 962,995	32 779,208	11,063	10,595
59	62	85 790	2 756,715	29 816,213	10,816	10,348
60	63	84 502	2 561,620	27 059,499	10,563	10,095
61	64	83 106	2 376,715	24 497,879	10,307	9,839
62	65	81 593	2 201,347	22 121,163	10,049	9,581
63	66	79 976	2 035,589	19 919,816	9,786	9,318
64	67	78 246	1 878,836	17 884,228	9,519	9,051
65	68	76 400	1 730,657	16 005,392	9,248	8,780
66	69	74 434	1 590,693	14 274,735	8,974	8,506
67	70	72 353	1 458,683	12 684,042	8,696	8,228
68	71	70 155	1 334,325	11 225,359	8,413	7,945
69	72	67 867	1 217,737	9 891,034	8,122	7,655
70	73	65 451	1 107,910	8 673,297	7,829	7,361
71	74	62 941	1 005,112	7 565,387	7,527	7,059
72	75	60 294	908,353	6 560,275	7,222	6,754
73	76	57 586	818,450	5 651,922	6,906	6,438
74	77	54 725	733,754	4 833,472	6,587	6,119
75	78	51 762	654,743	4 099,717	6,262	5,794
76	79	48 649	580,530	3 444,974	5,934	5,466
77	80	45 369	510,746	2 864,444	5,608	5,140
78	81	41 936	445,374	2 353,698	5,285	4,817
79	82	38 321	383,945	1 908,324	4,970	4,502
80	83	34 590	326,949	1 524,379	4,662	4,194
81	84	30 787	274,534	1 197,430	4,362	3,894
82	85	26 924	226,493	922,896	4,075	3,607
83	86	23 067	183,064	696,402	3,804	3,336
84	87	19 341	144,804	513,338	3,545	3,077
85	88	15 806	111,643	368,534	3,301	2,833
86	89	12 536	83,529	256,891	3,075	2,608
87	90	9 628	60,521	173,362	2,865	2,397
88	91	7 123	42,245	112,841	2,671	2,203
89	92	5 048	28,240	70,596	2,500	2,032
90	93	3 424	18,072	42,357	2,344	1,876
91	94	2 217	11,038	24,285	2,200	1,732
92	95	1 367	6,420	13,247	2,063	1,595
93	96	791	3,506	6,827	1,947	1,479
94	97	428	1,788	3,321	1,858	1,390
95	98	219	0,863	1,533	1,777	1,309
96	99	107	0,397	0,670	1,689	1,221
97	100	48	0,168	0,273	1,625	1,157

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 652	99 652,086	1 715 188,582	17,212	16,744
1	5	99 288	93 667,545	1 615 536,496	17,248	16,780
2	6	99 251	88 333,313	1 521 868,951	17,229	16,761
3	7	99 227	83 312,935	1 433 535,637	17,207	16,739
4	8	99 212	78 584,895	1 350 222,702	17,182	16,714
5	9	99 194	74 123,630	1 271 637,807	17,156	16,688
6	10	99 178	69 916,651	1 197 514,177	17,128	16,660
7	11	99 163	65 949,250	1 127 597,527	17,098	16,630
8	12	99 147	62 206,104	1 061 648,276	17,067	16,599
9	13	99 131	58 675,378	999 442,172	17,033	16,565
10	14	99 114	55 344,486	940 766,794	16,998	16,530
11	15	99 097	52 202,828	885 422,308	16,961	16,493
12	16	99 077	49 238,148	833 219,480	16,922	16,454
13	17	99 055	46 441,046	783 981,332	16,881	16,413
14	18	99 032	43 802,142	737 540,285	16,838	16,370
15	19	98 999	41 309,029	693 738,143	16,794	16,326
16	20	98 966	38 957,742	652 429,114	16,747	16,279
17	21	98 924	36 736,698	613 471,372	16,699	16,231
18	22	98 880	34 642,027	576 734,674	16,648	16,180
19	23	98 826	32 663,316	542 092,648	16,596	16,128
20	24	98 769	30 796,652	509 429,332	16,542	16,074
21	25	98 709	29 035,673	478 632,680	16,484	16,016
22	26	98 650	27 375,835	449 597,006	16,423	15,955
23	27	98 587	25 809,685	422 221,171	16,359	15,891
24	28	98 525	24 333,550	396 411,486	16,291	15,823
25	29	98 455	22 939,872	372 077,936	16,220	15,752
26	30	98 386	21 626,314	349 138,064	16,144	15,676
27	31	98 310	20 386,354	327 511,751	16,065	15,597
28	32	98 234	19 217,491	307 125,397	15,982	15,514
29	33	98 153	18 114,709	287 907,906	15,894	15,426
30	34	98 066	17 074,279	269 793,197	15,801	15,333
31	35	97 971	16 092,232	252 718,918	15,704	15,236
32	36	97 870	15 165,748	236 626,686	15,603	15,135
33	37	97 764	14 291,683	221 460,938	15,496	15,028
34	38	97 646	13 466,459	207 169,256	15,384	14,916
35	39	97 512	12 686,773	193 702,796	15,268	14,800
36	40	97 375	11 951,863	181 016,023	15,145	14,677
37	41	97 224	11 257,926	169 064,161	15,017	14,549
38	42	97 057	10 602,424	157 806,234	14,884	14,416
39	43	96 877	9 983,677	147 203,810	14,744	14,276
40	44	96 681	9 399,528	137 220,133	14,599	14,131
41	45	96 468	8 847,908	127 820,605	14,446	13,978
42	46	96 228	8 326,345	118 972,697	14,289	13,821
43	47	95 972	7 834,175	110 646,353	14,124	13,656
44	48	95 693	7 369,239	102 812,178	13,952	13,484
45	49	95 369	6 928,551	95 442,938	13,775	13,307
46	50	95 016	6 512,162	88 514,388	13,592	13,124
47	51	94 633	6 118,801	82 002,226	13,402	12,934
48	52	94 206	5 746,446	75 883,425	13,205	12,737
49	53	93 737	5 394,165	70 136,979	13,002	12,534
50	54	93 219	5 060,687	64 742,814	12,793	12,325
51	55	92 640	4 744,617	59 682,126	12,579	12,111
52	56	91 998	4 445,011	54 937,509	12,359	11,891
53	57	91 289	4 161,105	50 492,498	12,134	11,666
54	58	90 504	3 891,799	46 331,393	11,905	11,437
55	59	89 631	3 636,106	42 439,594	11,672	11,204
56	60	88 682	3 393,958	38 803,489	11,433	10,965
57	61	87 633	3 163,974	35 409,531	11,191	10,724
58	62	86 496	2 946,147	32 245,557	10,945	10,477
59	63	85 264	2 739,804	29 299,410	10,694	10,226
60	64	83 932	2 544,332	26 559,606	10,439	9,971
61	65	82 485	2 358,955	24 015,274	10,180	9,713
62	66	80 943	2 183,801	21 656,319	9,917	9,449
63	67	79 275	2 017,753	19 472,518	9,651	9,183
64	68	77 504	1 861,020	17 454,765	9,379	8,911
65	69	75 600	1 712,544	15 593,745	9,106	8,638
66	70	73 574	1 572,313	13 881,201	8,829	8,361
67	71	71 441	1 440,305	12 308,887	8,546	8,078
68	72	69 194	1 316,043	10 868,582	8,259	7,791
69	73	66 862	1 199,698	9 552,540	7,962	7,494
70	74	64 376	1 089,723	8 352,842	7,665	7,197
71	75	61 818	987,178	7 263,119	7,357	6,889
72	76	59 135	890,884	6 275,942	7,045	6,577
73	77	56 345	800,800	5 385,058	6,725	6,257
74	78	53 423	716,294	4 584,258	6,400	5,932
75	79	50 341	636,772	3 867,964	6,074	5,606
76	80	47 120	562,293	3 231,193	5,746	5,278
77	81	43 715	492,124	2 668,900	5,423	4,955
78	82	40 146	426,368	2 176,776	5,105	4,637
79	83	36 428	364,986	1 750,408	4,796	4,328
80	84	32 628	308,407	1 385,422	4,492	4,024
81	85	28 781	256,645	1 077,014	4,197	3,729
82	86	24 874	209,252	820,370	3,920	3,453
83	87	21 056	167,105	611,118	3,657	3,189
84	88	17 408	130,331	444,013	3,407	2,939
85	89	14 001	98,893	313,682	3,172	2,704
86	90	10 912	72,711	214,789	2,954	2,486
87	91	8 208	51,595	142,078	2,754	2,286
88	92	5 929	35,163	90,483	2,573	2,105
89	93	4 101	22,945	55,320	2,411	1,943
90	94	2 708	14,295	32,375	2,265	1,797
91	95	1 707	8,497	18,079	2,128	1,660
92	96	1 021	4,797	9,582	1,997	1,529
93	97	565	2,504	4,785	1,911	1,443
94	98	300	1,253	2,280	1,820	1,352
95	99	150	0,593	1,027	1,733	1,265
96	100	71	0,263	0,435	1,652	1,184

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 643	99 642,551	1 714 106,603	17,203	16,735
1	6	99 279	93 659,201	1 614 464,053	17,238	16,770
2	7	99 243	88 325,500	1 520 804,851	17,218	16,750
3	8	99 222	83 309,065	1 432 479,352	17,195	16,727
4	9	99 205	78 579,419	1 349 170,287	17,170	16,702
5	10	99 188	74 119,096	1 270 590,868	17,143	16,675
6	11	99 172	69 912,561	1 196 471,773	17,114	16,646
7	12	99 156	65 944,151	1 126 559,212	17,084	16,616
8	13	99 139	62 201,220	1 060 615,061	17,051	16,583
9	14	99 121	58 669,850	998 413,841	17,017	16,550
10	15	99 104	55 339,383	939 743,992	16,981	16,514
11	16	99 084	52 196,477	884 404,609	16,944	16,476
12	17	99 062	49 230,898	832 208,132	16,904	16,436
13	18	99 042	46 434,723	782 977,234	16,862	16,394
14	19	99 013	43 793,512	736 542,511	16,819	16,351
15	20	98 982	41 301,809	692 748,999	16,773	16,305
16	21	98 948	38 950,539	651 447,190	16,725	16,257
17	22	98 907	36 730,640	612 496,651	16,675	16,207
18	23	98 864	34 636,387	575 766,010	16,623	16,155
19	24	98 808	32 657,438	541 129,624	16,570	16,102
20	25	98 751	30 791,110	508 472,186	16,514	16,046
21	26	98 690	29 030,150	477 681,076	16,455	15,987
22	27	98 631	27 370,683	448 650,926	16,392	15,924
23	28	98 565	25 804,131	421 280,242	16,326	15,858
24	29	98 502	24 327,816	395 476,111	16,256	15,788
25	30	98 429	22 933,936	371 148,295	16,183	15,715
26	31	98 355	21 619,455	348 214,359	16,107	15,639
27	32	98 279	20 379,952	326 594,904	16,025	15,557
28	33	98 200	19 210,906	306 214,952	15,940	15,472
29	34	98 117	18 108,182	287 004,045	15,849	15,381
30	35	98 026	17 067,347	268 895,863	15,755	15,287
31	36	97 931	16 085,600	251 828,516	15,656	15,188
32	37	97 826	15 158,794	235 742,917	15,552	15,084
33	38	97 717	14 284,899	220 584,122	15,442	14,974
34	39	97 587	13 458,336	206 299,223	15,329	14,861
35	40	97 453	12 679,146	192 840,888	15,209	14,741
36	41	97 308	11 943,667	180 161,741	15,084	14,616
37	42	97 152	11 249,593	168 218,074	14,953	14,485
38	43	96 980	10 594,009	156 968,482	14,817	14,349
39	44	96 789	9 974,611	146 374,473	14,675	14,207
40	45	96 587	9 390,405	136 399,862	14,525	14,057
41	46	96 356	8 837,713	127 009,457	14,371	13,903
42	47	96 111	8 316,207	118 171,744	14,210	13,742
43	48	95 841	7 823,440	109 855,537	14,042	13,574
44	49	95 541	7 357,492	102 032,097	13,868	13,400
45	50	95 202	6 916,439	94 674,605	13,688	13,220
46	51	94 840	6 500,094	87 758,166	13,501	13,033
47	52	94 430	6 105,690	81 258,072	13,309	12,841
48	53	93 987	5 733,039	75 152,382	13,109	12,641
49	54	93 496	5 380,315	69 419,342	12,902	12,435
50	55	92 949	5 046,069	64 039,028	12,691	12,223
51	56	92 340	4 729,219	58 992,959	12,474	12,006
52	57	91 669	4 429,111	54 263,740	12,252	11,784
53	58	90 931	4 144,776	49 834,629	12,023	11,556
54	59	90 110	3 874,872	45 689,852	11,791	11,323
55	60	89 209	3 618,993	41 814,981	11,554	11,086
56	61	88 214	3 376,051	38 195,988	11,314	10,846
57	62	87 135	3 145,984	34 819,936	11,068	10,600
58	63	85 965	2 928,074	31 673,953	10,817	10,349
59	64	84 689	2 721,313	28 745,878	10,563	10,095
60	65	83 304	2 525,319	26 024,565	10,305	9,837
61	66	81 828	2 340,153	23 499,246	10,042	9,574
62	67	80 233	2 164,666	21 159,093	9,775	9,307
63	68	78 524	1 998,620	18 994,426	9,504	9,036
64	69	76 693	1 841,543	16 995,807	9,229	8,761
65	70	74 727	1 692,756	15 154,263	8,952	8,484
66	71	72 647	1 552,504	13 461,507	8,671	8,203
67	72	70 462	1 420,570	11 909,003	8,383	7,915
68	73	68 169	1 296,547	10 488,432	8,090	7,622
69	74	65 764	1 180,003	9 191,885	7,790	7,322
70	75	63 228	1 070,278	8 011,882	7,486	7,018
71	76	60 629	968,193	6 941,603	7,170	6,702
72	77	57 860	871,671	5 973,410	6,853	6,385
73	78	55 004	781,743	5 101,739	6,526	6,058
74	79	51 956	696,633	4 319,996	6,201	5,733
75	80	48 760	616,768	3 623,363	5,875	5,407
76	81	45 402	541,791	3 006,595	5,549	5,081
77	82	41 849	471,123	2 464,804	5,232	4,764
78	83	38 164	405,315	1 993,681	4,919	4,451
79	84	34 362	344,287	1 588,366	4,613	4,146
80	85	30 502	288,311	1 244,079	4,315	3,847
81	86	26 590	237,108	955,769	4,031	3,563
82	87	22 706	191,009	718,661	3,762	3,294
83	88	18 952	150,404	527,652	3,508	3,040
84	89	15 420	115,447	377,248	3,268	2,800
85	90	12 188	86,085	261,801	3,041	2,573
86	91	9 303	61,988	175,717	2,835	2,367
87	92	6 832	42,946	113,729	2,648	2,180
88	93	4 818	28,570	70,783	2,478	2,010
89	94	3 244	18,150	42,213	2,326	1,858
90	95	2 085	11,005	24,063	2,187	1,719
91	96	1 275	6,349	13,058	2,057	1,589
92	97	730	3,427	6,709	1,958	1,490
93	98	396	1,756	3,282	1,869	1,401
94	99	206	0,861	1,526	1,773	1,305
95	100	100	0,393	0,665	1,693	1,225

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 634	99 633,675	1 712 944,288	17,192	16,724
1	7	99 270	93 650,916	1 613 310,613	17,227	16,759
2	8	99 238	88 321,396	1 519 659,697	17,206	16,738
3	9	99 216	83 303,259	1 431 338,301	17,182	16,714
4	10	99 199	78 574,612	1 348 035,042	17,156	16,688
5	11	99 182	74 114,760	1 269 460,429	17,128	16,660
6	12	99 165	69 907,155	1 195 345,669	17,099	16,631
7	13	99 148	65 938,973	1 125 438,515	17,068	16,600
8	14	99 130	62 195,359	1 059 499,542	17,035	16,567
9	15	99 112	58 664,440	997 304,183	17,000	16,532
10	16	99 092	55 332,650	938 639,743	16,964	16,496
11	17	99 070	52 188,791	883 307,093	16,925	16,457
12	18	99 049	49 224,195	831 118,302	16,884	16,416
13	19	99 022	46 425,574	781 894,107	16,842	16,374
14	20	98 996	43 785,858	735 468,532	16,797	16,329
15	21	98 964	41 294,173	691 682,675	16,750	16,282
16	22	98 932	38 944,116	650 388,502	16,701	16,233
17	23	98 891	36 724,660	611 444,386	16,649	16,181
18	24	98 846	34 630,153	574 719,725	16,596	16,128
19	25	98 791	32 651,561	540 089,572	16,541	16,073
20	26	98 732	30 785,253	507 438,011	16,483	16,015
21	27	98 671	29 024,687	476 652,757	16,422	15,954
22	28	98 610	27 364,793	447 628,071	16,358	15,890
23	29	98 542	25 798,051	420 263,277	16,291	15,823
24	30	98 476	24 321,521	394 465,227	16,219	15,751
25	31	98 398	22 926,663	370 143,706	16,145	15,677
26	32	98 324	21 612,667	347 217,043	16,065	15,597
27	33	98 246	20 372,970	325 604,376	15,982	15,514
28	34	98 165	19 203,984	305 231,407	15,894	15,426
29	35	98 077	18 100,830	286 027,423	15,802	15,334
30	36	97 986	17 060,313	267 926,593	15,705	15,237
31	37	97 886	16 078,224	250 866,280	15,603	15,135
32	38	97 779	15 151,599	234 788,055	15,496	15,028
33	39	97 658	14 276,282	219 636,456	15,385	14,917
34	40	97 528	13 450,245	205 360,175	15,268	14,800
35	41	97 386	12 670,452	191 909,929	15,146	14,678
36	42	97 236	11 934,826	179 239,477	15,018	14,550
37	43	97 075	11 240,663	167 304,651	14,884	14,416
38	44	96 892	10 584,389	156 063,988	14,745	14,277
39	45	96 695	9 964,930	145 479,600	14,599	14,131
40	46	96 476	9 379,585	135 514,670	14,448	13,980
41	47	96 239	8 826,953	126 135,084	14,290	13,822
42	48	95 979	8 304,811	117 308,132	14,125	13,657
43	49	95 688	7 810,969	109 003,320	13,955	13,487
44	50	95 374	7 344,631	101 192,351	13,778	13,310
45	51	95 026	6 903,621	93 847,720	13,594	13,126
46	52	94 636	6 486,166	86 944,099	13,405	12,937
47	53	94 210	6 091,446	80 457,933	13,208	12,740
48	54	93 745	5 718,319	74 366,487	13,005	12,537
49	55	93 226	5 364,773	68 648,168	12,796	12,328
50	56	92 648	5 029,692	63 283,396	12,582	12,114
51	57	92 009	4 712,303	58 253,704	12,362	11,894
52	58	91 309	4 411,731	53 541,401	12,136	11,668
53	59	90 536	4 126,749	49 129,670	11,905	11,437
54	60	89 686	3 856,635	45 002,921	11,669	11,201
55	61	88 739	3 599,899	41 146,286	11,430	10,962
56	62	87 712	3 356,856	37 546,387	11,185	10,717
57	63	86 600	3 126,685	34 189,531	10,935	10,467
58	64	85 385	2 908,313	31 062,846	10,681	10,213
59	65	84 056	2 700,977	28 154,533	10,424	9,956
60	66	82 640	2 505,191	25 453,556	10,160	9,692
61	67	81 111	2 319,648	22 948,364	9,893	9,425
62	68	79 473	2 144,141	20 628,716	9,621	9,153
63	69	77 702	1 977,703	18 484,575	9,346	8,879
64	70	75 807	1 820,265	16 506,872	9,068	8,600
65	71	73 785	1 671,430	14 686,607	8,787	8,319
66	72	71 652	1 531,232	13 015,178	8,500	8,032
67	73	69 418	1 399,527	11 483,946	8,206	7,738
68	74	67 050	1 275,263	10 084,419	7,908	7,440
69	75	64 591	1 158,948	8 809,156	7,601	7,133
70	76	62 012	1 049,696	7 650,208	7,288	6,820
71	77	59 321	947,313	6 600,512	6,968	6,500
72	78	56 483	850,929	5 653,199	6,644	6,176
73	79	53 494	760,286	4 802,271	6,316	5,848
74	80	50 324	674,748	4 041,984	5,990	5,522
75	81	46 982	594,279	3 367,236	5,666	5,198
76	82	43 465	518,671	2 772,957	5,346	4,878
77	83	39 783	447,859	2 254,286	5,033	4,566
78	84	35 999	382,329	1 806,426	4,725	4,257
79	85	32 123	321,852	1 424,098	4,425	3,957
80	86	28 180	266,363	1 102,245	4,138	3,670
81	87	24 272	216,437	835,882	3,862	3,394
82	88	20 436	171,919	619,446	3,603	3,135
83	89	16 787	133,227	447,527	3,359	2,891
84	90	13 423	100,495	314,300	3,128	2,660
85	91	10 390	73,389	213,805	2,913	2,445
86	92	7 743	51,596	140,416	2,721	2,253
87	93	5 551	34,894	88,820	2,545	2,077
88	94	3 811	22,600	53,926	2,386	1,918
89	95	2 497	13,972	31,327	2,242	1,774
90	96	1 558	8,223	17,354	2,110	1,642
91	97	911	4,536	9,131	2,013	1,545
92	98	511	2,402	4,595	1,913	1,445
93	99	272	1,206	2,193	1,819	1,351
94	100	136	0,571	0,987	1,730	1,262

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 625	99 624,861	1 711 695,559	17,181	16,713
1	8	99 265	93 646,565	1 612 070,698	17,214	16,746
2	9	99 231	88 315,242	1 518 424,133	17,193	16,725
3	10	99 209	83 298,163	1 430 108,891	17,169	16,701
4	11	99 193	78 570,016	1 346 810,728	17,142	16,674
5	12	99 175	74 109,029	1 268 240,712	17,113	16,645
6	13	99 157	69 901,665	1 194 131,683	17,083	16,615
7	14	99 138	65 932,760	1 124 230,017	17,051	16,583
8	15	99 121	62 189,625	1 058 297,257	17,017	16,549
9	16	99 100	58 657,302	996 107,633	16,982	16,514
10	17	99 078	55 324,502	937 450,330	16,945	16,477
11	18	99 056	52 181,685	882 125,828	16,905	16,437
12	19	99 029	49 214,497	829 944,143	16,864	16,396
13	20	99 005	46 417,460	780 729,646	16,820	16,352
14	21	98 977	43 777,762	734 312,186	16,774	16,306
15	22	98 948	41 287,364	690 534,424	16,725	16,257
16	23	98 916	38 937,776	649 247,060	16,674	16,206
17	24	98 873	36 718,051	610 309,284	16,622	16,154
18	25	98 828	34 623,922	573 591,233	16,566	16,098
19	26	98 772	32 645,350	538 967,311	16,510	16,042
20	27	98 714	30 779,459	506 321,961	16,450	15,982
21	28	98 650	29 018,441	475 542,501	16,388	15,920
22	29	98 587	27 358,345	446 524,060	16,321	15,853
23	30	98 517	25 791,375	419 165,715	16,252	15,784
24	31	98 445	24 313,808	393 374,340	16,179	15,711
25	32	98 367	22 919,464	369 060,532	16,102	15,635
26	33	98 291	21 605,262	346 141,069	16,021	15,553
27	34	98 210	20 365,629	324 535,807	15,935	15,468
28	35	98 125	19 196,187	304 170,178	15,845	15,377
29	36	98 037	18 093,370	284 973,991	15,750	15,282
30	37	97 941	17 052,491	266 880,621	15,651	15,183
31	38	97 839	16 070,593	249 828,130	15,546	15,078
32	39	97 720	15 142,459	233 757,538	15,437	14,969
33	40	97 599	14 267,700	218 615,079	15,322	14,854
34	41	97 461	13 441,023	204 347,379	15,203	14,735
35	42	97 314	12 661,073	190 906,356	15,078	14,610
36	43	97 159	11 925,352	178 245,284	14,947	14,479
37	44	96 987	11 230,456	166 319,931	14,810	14,342
38	45	96 798	10 574,116	155 089,476	14,667	14,199
39	46	96 583	9 953,448	144 515,360	14,519	14,051
40	47	96 358	9 368,165	134 561,912	14,364	13,896
41	48	96 107	8 814,857	125 193,746	14,203	13,735
42	49	95 826	8 291,573	116 378,889	14,036	13,568
43	50	95 521	7 797,315	108 087,316	13,862	13,394
44	51	95 197	7 331,020	100 290,001	13,680	13,212
45	52	94 822	6 888,829	92 958,982	13,494	13,026
46	53	94 416	6 471,034	86 070,153	13,301	12,833
47	54	93 968	6 075,805	79 599,119	13,101	12,633
48	55	93 475	5 701,800	73 523,314	12,895	12,427
49	56	92 924	5 347,362	67 821,513	12,683	12,215
50	57	92 316	5 011,701	62 474,152	12,466	11,998
51	58	91 648	4 693,811	57 462,451	12,242	11,774
52	59	90 912	4 392,542	52 768,640	12,013	11,545
53	60	90 109	4 107,327	48 376,097	11,778	11,310
54	61	89 213	3 836,288	44 268,770	11,539	11,072
55	62	88 234	3 579,431	40 432,482	11,296	10,828
56	63	87 174	3 336,263	36 853,052	11,046	10,578
57	64	86 016	3 105,583	33 516,789	10,792	10,324
58	65	84 747	2 886,580	30 411,206	10,535	10,067
59	66	83 386	2 679,449	27 524,625	10,272	9,805
60	67	81 916	2 483,241	24 845,176	10,005	9,537
61	68	80 342	2 297,653	22 361,935	9,733	9,265
62	69	78 641	2 121,701	20 064,282	9,457	8,989
63	70	76 804	1 954,851	17 942,581	9,178	8,711
64	71	74 852	1 797,332	15 987,730	8,895	8,427
65	72	72 774	1 648,528	14 190,398	8,608	8,140
66	73	70 591	1 508,549	12 541,870	8,314	7,846
67	74	68 279	1 376,552	11 033,321	8,015	7,547
68	75	65 854	1 252,508	9 656,769	7,710	7,242
69	76	63 348	1 136,660	8 404,261	7,394	6,926
70	77	60 674	1 027,058	7 267,601	7,076	6,608
71	78	57 910	924,770	6 240,543	6,748	6,280
72	79	54 932	827,572	5 315,773	6,423	5,955
73	80	51 814	736,402	4 488,200	6,095	5,627
74	81	48 489	650,146	3 751,798	5,771	5,303
75	82	44 977	568,919	3 101,652	5,452	4,984
76	83	41 319	493,059	2 532,733	5,137	4,669
77	84	37 526	422,461	2 039,674	4,828	4,360
78	85	33 653	357,415	1 617,213	4,525	4,057
79	86	29 678	297,351	1 259,798	4,237	3,769
80	87	25 723	243,142	962,447	3,958	3,490
81	88	21 846	194,805	719,305	3,692	3,224
82	89	18 102	152,285	524,500	3,444	2,976
83	90	14 613	115,972	372,215	3,210	2,742
84	91	11 443	85,674	256,243	2,991	2,523
85	92	8 649	61,087	170,569	2,792	2,324
86	93	6 291	41,922	109,483	2,612	2,144
87	94	4 391	27,602	67,561	2,448	1,980
88	95	2 934	17,398	39,959	2,297	1,829
89	96	1 866	10,441	22,561	2,161	1,693
90	97	1 113	5,874	12,120	2,063	1,595
91	98	639	3,179	6,246	1,965	1,497
92	99	351	1,650	3,067	1,859	1,391
93	100	180	0,800	1,417	1,772	1,304

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 620	99 620,233	1 710 354,729	17,169	16,701
1	9	99 258	93 640,040	1 610 734,496	17,201	16,733
2	10	99 225	88 309,839	1 517 094,456	17,179	16,711
3	11	99 204	83 293,291	1 428 784,617	17,154	16,686
4	12	99 185	78 563,940	1 345 491,326	17,126	16,658
5	13	99 167	74 103,210	1 266 927,386	17,097	16,629
6	14	99 148	69 895,080	1 192 824,176	17,066	16,598
7	15	99 129	65 926,681	1 122 929,096	17,033	16,565
8	16	99 109	62 182,058	1 057 002,416	16,999	16,531
9	17	99 086	58 648,665	994 820,358	16,962	16,494
10	18	99 064	55 316,969	936 171,692	16,924	16,456
11	19	99 037	52 171,404	880 854,723	16,884	16,416
12	20	99 012	49 205,895	828 683,319	16,841	16,373
13	21	98 987	46 408,878	779 477,424	16,796	16,328
14	22	98 961	43 770,544	733 068,546	16,748	16,280
15	23	98 931	41 280,642	689 298,002	16,698	16,230
16	24	98 898	38 930,768	648 017,361	16,645	16,177
17	25	98 856	36 711,444	609 086,592	16,591	16,123
18	26	98 810	34 617,336	572 375,148	16,534	16,066
19	27	98 753	32 639,207	537 757,812	16,476	16,008
20	28	98 693	30 772,836	505 118,605	16,414	15,946
21	29	98 627	29 011,603	474 345,769	16,350	15,882
22	30	98 561	27 351,266	445 334,166	16,282	15,814
23	31	98 485	25 783,196	417 982,901	16,211	15,743
24	32	98 414	24 306,173	392 199,705	16,136	15,668
25	33	98 334	22 911,611	367 893,531	16,057	15,589
26	34	98 255	21 597,477	344 981,921	15,973	15,505
27	35	98 170	20 357,360	323 384,444	15,885	15,417
28	36	98 084	19 188,276	303 027,084	15,792	15,324
29	37	97 992	18 085,074	283 838,808	15,695	15,227
30	38	97 894	17 044,397	265 753,734	15,592	15,124
31	39	97 780	16 060,898	248 709,337	15,485	15,017
32	40	97 661	15 133,356	232 648,439	15,373	14,905
33	41	97 533	14 257,916	217 515,083	15,256	14,788
34	42	97 389	13 431,073	203 257,167	15,133	14,665
35	43	97 237	12 651,023	189 826,094	15,005	14,537
36	44	97 071	11 914,523	177 175,071	14,871	14,403
37	45	96 893	11 219,556	165 260,548	14,730	14,262
38	46	96 687	10 561,932	154 040,992	14,585	14,117
39	47	96 466	9 941,330	143 479,060	14,433	13,965
40	48	96 226	9 355,328	133 537,731	14,274	13,806
41	49	95 954	8 800,806	124 182,402	14,110	13,642
42	50	95 658	8 277,079	115 381,596	13,940	13,472
43	51	95 344	7 782,865	107 104,518	13,762	13,294
44	52	94 993	7 315,312	99 321,653	13,577	13,109
45	53	94 601	6 872,758	92 006,341	13,387	12,919
46	54	94 173	6 454,418	85 133,584	13,190	12,722
47	55	93 696	6 058,254	78 679,165	12,987	12,519
48	56	93 171	5 683,295	72 620,911	12,778	12,310
49	57	92 591	5 328,234	66 937,616	12,563	12,095
50	58	91 954	4 992,034	61 609,381	12,342	11,874
51	59	91 250	4 673,396	56 617,347	12,115	11,647
52	60	90 484	4 371,869	51 943,952	11,881	11,413
53	61	89 634	4 085,657	47 572,082	11,644	11,176
54	62	88 706	3 814,475	43 486,425	11,400	10,932
55	63	87 693	3 557,473	39 671,950	11,152	10,684
56	64	86 586	3 313,747	36 114,477	10,898	10,430
57	65	85 373	3 082,376	32 800,730	10,641	10,173
58	66	84 071	2 863,573	29 718,354	10,378	9,910
59	67	82 655	2 655,972	26 854,781	10,111	9,643
60	68	81 140	2 459,694	24 198,809	9,838	9,370
61	69	79 501	2 273,606	21 739,115	9,562	9,094
62	70	77 732	2 097,185	19 465,509	9,282	8,814
63	71	75 836	1 930,223	17 368,323	8,998	8,530
64	72	73 826	1 772,705	15 438,101	8,709	8,241
65	73	71 696	1 624,108	13 665,395	8,414	7,946
66	74	69 432	1 483,785	12 041,288	8,115	7,647
67	75	67 060	1 351,990	10 557,503	7,809	7,341
68	76	64 587	1 228,421	9 205,514	7,494	7,026
69	77	61 982	1 112,147	7 977,093	7,173	6,705
70	78	59 231	1 002,617	6 864,946	6,847	6,379
71	79	56 320	899,387	5 862,328	6,518	6,050
72	80	53 207	801,575	4 962,941	6,191	5,724
73	81	49 924	709,552	4 161,367	5,865	5,397
74	82	46 420	622,402	3 451,815	5,546	5,078
75	83	42 756	540,827	2 829,413	5,232	4,764
76	84	38 975	465,097	2 288,587	4,921	4,453
77	85	35 081	394,932	1 823,489	4,617	4,149
78	86	31 092	330,207	1 428,557	4,326	3,858
79	87	27 091	271,428	1 098,351	4,047	3,579
80	88	23 152	218,841	826,922	3,779	3,311
81	89	19 351	172,558	608,082	3,524	3,056
82	90	15 758	132,561	435,524	3,285	2,817
83	91	12 458	98,869	302,963	3,064	2,596
84	92	9 525	71,312	204,094	2,862	2,394
85	93	7 027	49,633	132,782	2,675	2,207
86	94	4 977	33,161	83,149	2,507	2,039
87	95	3 380	21,249	49,988	2,352	1,885
88	96	2 192	13,000	28,739	2,211	1,743
89	97	1 333	7,458	15,739	2,110	1,642
90	98	780	4,118	8,280	2,011	1,543
91	99	439	2,184	4,163	1,906	1,438
92	100	233	1,094	1,979	1,809	1,341

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 613	99 613,291	1 708 911,479	17,155	16,687
1	10	99 252	93 634,311	1 609 298,188	17,187	16,719
2	11	99 219	88 304,674	1 515 663,876	17,164	16,696
3	12	99 196	83 286,850	1 427 359,203	17,138	16,670
4	13	99 177	78 557,771	1 344 072,353	17,109	16,641
5	14	99 157	74 096,228	1 265 514,581	17,079	16,611
6	15	99 138	69 888,635	1 191 418,353	17,047	16,579
7	16	99 117	65 918,660	1 121 529,718	17,014	16,546
8	17	99 094	62 172,902	1 055 611,059	16,979	16,511
9	18	99 072	58 640,679	993 438,157	16,941	16,473
10	19	99 045	55 306,071	934 797,477	16,902	16,434
11	20	99 020	52 162,285	879 491,407	16,861	16,393
12	21	98 994	49 196,797	827 329,121	16,817	16,349
13	22	98 970	46 401,225	778 132,324	16,770	16,302
14	23	98 945	43 763,417	731 731,098	16,720	16,252
15	24	98 914	41 273,213	687 967,681	16,669	16,201
16	25	98 880	38 923,763	646 694,468	16,614	16,146
17	26	98 837	36 704,461	607 770,705	16,558	16,091
18	27	98 791	34 610,821	571 066,244	16,500	16,032
19	28	98 732	32 632,183	536 455,423	16,439	15,971
20	29	98 669	30 765,585	503 823,240	16,376	15,908
21	30	98 601	29 004,096	473 057,655	16,310	15,842
22	31	98 530	27 342,592	444 053,559	16,240	15,772
23	32	98 454	25 775,100	416 710,968	16,167	15,699
24	33	98 380	24 297,845	390 935,868	16,089	15,621
25	34	98 298	22 903,355	366 638,022	16,008	15,540
26	35	98 215	21 588,708	343 734,668	15,922	15,454
27	36	98 130	20 348,970	322 145,960	15,831	15,363
28	37	98 039	19 179,478	301 796,989	15,735	15,267
29	38	97 945	18 076,490	282 617,511	15,635	15,167
30	39	97 835	17 034,115	264 541,021	15,530	15,062
31	40	97 722	16 051,243	247 506,906	15,420	14,952
32	41	97 594	15 122,979	231 455,663	15,305	14,837
33	42	97 460	14 247,362	216 332,684	15,184	14,716
34	43	97 312	13 420,412	202 085,322	15,058	14,590
35	44	97 149	12 639,535	188 664,911	14,927	14,459
36	45	96 976	11 902,959	176 025,376	14,788	14,320
37	46	96 781	11 206,628	164 122,416	14,645	14,177
38	47	96 569	10 549,072	152 915,788	14,496	14,028
39	48	96 334	9 927,707	142 366,716	14,340	13,872
40	49	96 073	9 340,415	132 439,009	14,179	13,711
41	50	95 786	8 785,421	123 098,593	14,012	13,544
42	51	95 481	8 261,740	114 313,172	13,836	13,368
43	52	95 139	7 766,188	106 051,432	13,656	13,188
44	53	94 771	7 298,245	98 285,244	13,467	12,999
45	54	94 358	6 855,111	90 986,998	13,273	12,805
46	55	93 901	6 435,774	84 131,888	13,073	12,605
47	56	93 392	6 038,592	77 696,114	12,867	12,399
48	57	92 838	5 662,967	71 657,522	12,654	12,186
49	58	92 228	5 307,326	65 994,556	12,435	11,967
50	59	91 554	4 970,322	60 687,230	12,210	11,742
51	60	90 820	4 651,401	55 716,908	11,979	11,511
52	61	90 007	4 348,804	51 065,507	11,742	11,274
53	62	89 124	4 062,426	46 716,703	11,500	11,032
54	63	88 162	3 791,075	42 654,277	11,251	10,783
55	64	87 101	3 533,464	38 863,202	10,999	10,531
56	65	85 939	3 288,984	35 329,738	10,742	10,274
57	66	84 692	3 057,808	32 040,753	10,478	10,010
58	67	83 335	2 838,482	28 982,945	10,211	9,743
59	68	81 871	2 630,787	26 144,463	9,938	9,470
60	69	80 290	2 433,952	23 513,676	9,661	9,193
61	70	78 582	2 247,336	21 079,724	9,380	8,912
62	71	76 753	2 070,763	18 832,388	9,094	8,626
63	72	74 797	1 903,775	16 761,625	8,804	8,336
64	73	72 733	1 746,445	14 857,850	8,507	8,040
65	74	70 519	1 597,446	13 111,405	8,208	7,740
66	75	68 193	1 457,309	11 513,959	7,901	7,433
67	76	65 771	1 325,989	10 056,649	7,584	7,116
68	77	63 194	1 201,929	8 730,660	7,264	6,796
69	78	60 507	1 085,682	7 528,732	6,935	6,467
70	79	57 605	975,098	6 443,050	6,608	6,140
71	80	54 551	871,133	5 467,952	6,277	5,809
72	81	51 267	772,348	4 596,819	5,952	5,484
73	82	47 794	679,272	3 824,471	5,630	5,162
74	83	44 128	591,668	3 145,199	5,316	4,848
75	84	40 331	510,156	2 553,530	5,005	4,537
76	85	36 436	434,790	2 043,375	4,700	4,232
77	86	32 411	364,868	1 608,585	4,409	3,941
78	87	28 381	301,419	1 243,717	4,126	3,658
79	88	24 383	244,300	942,297	3,857	3,389
80	89	20 508	193,849	697,997	3,601	3,133
81	90	16 845	150,208	504,149	3,356	2,888
82	91	13 434	113,012	353,940	3,132	2,664
83	92	10 370	82,295	240,928	2,928	2,460
84	93	7 739	57,941	158,634	2,738	2,270
85	94	5 559	39,261	100,693	2,565	2,097
86	95	3 831	25,529	61,432	2,406	1,938
87	96	2 526	15,878	35,903	2,261	1,793
88	97	1 566	9,287	20,025	2,156	1,688
89	98	934	5,228	10,739	2,054	1,586
90	99	536	2,828	5,511	1,948	1,480
91	100	291	1,448	2,682	1,852	1,384

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	10	99 607	99 607,197	1 707 361,868	17,141	16,673
1	11	99 247	93 628,834	1 607 754,671	17,172	16,704
2	12	99 211	88 297,845	1 514 125,836	17,148	16,680
3	13	99 188	83 280,310	1 425 827,991	17,121	16,653
4	14	99 168	78 550,370	1 342 547,681	17,092	16,624
5	15	99 148	74 089,396	1 263 997,311	17,060	16,592
6	16	99 126	69 880,132	1 189 907,915	17,028	16,560
7	17	99 103	65 908,953	1 120 027,783	16,994	16,526
8	18	99 081	62 164,436	1 054 118,830	16,957	16,489
9	19	99 053	58 629,126	991 954,394	16,919	16,451
10	20	99 027	55 296,404	933 325,268	16,879	16,411
11	21	99 001	52 152,642	878 028,864	16,836	16,368
12	22	98 977	49 188,685	825 876,222	16,790	16,322
13	23	98 954	46 393,671	776 687,537	16,741	16,273
14	24	98 927	43 755,542	730 293,866	16,690	16,222
15	25	98 896	41 265,786	686 538,324	16,637	16,169
16	26	98 861	38 916,359	645 272,538	16,581	16,113
17	27	98 818	36 697,553	606 356,179	16,523	16,055
18	28	98 770	34 603,373	569 658,626	16,463	15,995
19	29	98 709	32 624,494	535 055,253	16,400	15,932
20	30	98 644	30 757,624	502 430,759	16,335	15,867
21	31	98 570	28 994,898	471 673,136	16,267	15,799
22	32	98 499	27 334,006	442 678,238	16,195	15,727
23	33	98 421	25 766,268	415 344,232	16,120	15,652
24	34	98 345	24 289,090	389 577,963	16,039	15,571
25	35	98 258	22 894,056	365 288,873	15,956	15,488
26	36	98 175	21 579,811	342 394,817	15,866	15,398
27	37	98 085	20 339,640	320 815,006	15,773	15,305
28	38	97 993	19 170,374	300 475,366	15,674	15,206
29	39	97 886	18 065,585	281 304,991	15,571	15,103
30	40	97 776	17 023,875	263 239,406	15,463	14,995
31	41	97 655	16 040,237	246 215,531	15,350	14,882
32	42	97 522	15 111,784	230 175,295	15,232	14,764
33	43	97 383	14 236,053	215 063,510	15,107	14,639
34	44	97 223	13 408,225	200 827,458	14,978	14,510
35	45	97 054	12 627,267	187 419,233	14,842	14,374
36	46	96 865	11 889,244	174 791,965	14,702	14,234
37	47	96 664	11 192,984	162 902,721	14,554	14,086
38	48	96 437	10 534,617	151 709,737	14,401	13,933
39	49	96 180	9 911,882	141 175,120	14,243	13,775
40	50	95 905	9 324,088	131 263,238	14,078	13,610
41	51	95 609	8 769,140	121 939,150	13,905	13,438
42	52	95 277	8 244,037	113 170,010	13,727	13,260
43	53	94 917	7 748,070	104 925,973	13,542	13,074
44	54	94 528	7 279,506	97 177,903	13,350	12,882
45	55	94 085	6 835,308	89 898,397	13,152	12,684
46	56	93 596	6 414,887	83 063,089	12,948	12,481
47	57	93 058	6 016,992	76 648,202	12,739	12,271
48	58	92 474	5 640,744	70 631,210	12,522	12,054
49	59	91 827	5 284,242	64 990,465	12,299	11,831
50	60	91 123	4 946,930	59 706,223	12,069	11,601
51	61	90 341	4 626,860	54 759,294	11,835	11,367
52	62	89 495	4 324,077	50 132,433	11,594	11,126
53	63	88 578	4 037,506	45 808,356	11,346	10,878
54	64	87 567	3 765,490	41 770,851	11,093	10,625
55	65	86 450	3 507,059	38 005,361	10,837	10,369
56	66	85 254	3 262,770	34 498,302	10,573	10,105
57	67	83 950	3 031,015	31 235,532	10,305	9,837
58	68	82 545	2 811,567	28 204,516	10,032	9,564
59	69	81 014	2 603,254	25 392,949	9,754	9,286
60	70	79 363	2 405,828	22 789,695	9,473	9,005
61	71	77 592	2 219,022	20 383,867	9,186	8,718
62	72	75 701	2 042,390	18 164,844	8,894	8,426
63	73	73 689	1 875,573	16 122,454	8,596	8,128
64	74	71 539	1 717,775	14 246,881	8,294	7,826
65	75	69 261	1 568,942	12 529,106	7,986	7,518
66	76	66 881	1 429,283	10 960,163	7,668	7,200
67	77	64 352	1 297,393	9 530,880	7,346	6,878
68	78	61 690	1 173,327	8 233,487	7,017	6,549
69	79	58 846	1 055,882	7 060,160	6,687	6,219
70	80	55 795	944,465	6 004,278	6,357	5,889
71	81	52 562	839,370	5 059,813	6,028	5,560
72	82	49 079	739,389	4 220,442	5,708	5,240
73	83	45 434	645,731	3 481,053	5,391	4,923
74	84	41 625	558,114	2 835,323	5,080	4,612
75	85	37 703	476,912	2 277,209	4,775	4,307
76	86	33 662	401,692	1 800,297	4,482	4,014
77	87	29 585	333,059	1 398,605	4,199	3,731
78	88	25 545	271,294	1 065,546	3,928	3,460
79	89	21 598	216,401	794,252	3,670	3,202
80	90	17 852	168,742	577,852	3,424	2,957
81	91	14 361	128,056	409,110	3,195	2,727
82	92	11 182	94,067	281,054	2,988	2,520
83	93	8 425	66,865	186,987	2,797	2,329
84	94	6 122	45,833	120,122	2,621	2,153
85	95	4 279	30,224	74,289	2,458	1,990
86	96	2 863	19,076	44,065	2,310	1,842
87	97	1 804	11,342	24,989	2,203	1,735
88	98	1 098	6,510	13,647	2,096	1,628
89	99	642	3,591	7,137	1,988	1,520
90	100	355	1,875	3,546	1,891	1,423

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 601	99 601,371	1 705 698,452	17,125	16,657
1	12	99 239	93 621,594	1 606 097,081	17,155	16,687
2	13	99 204	88 290,912	1 512 475,486	17,131	16,663
3	14	99 179	83 272,464	1 424 184,575	17,103	16,635
4	15	99 159	78 543,127	1 340 912,111	17,072	16,604
5	16	99 136	74 080,382	1 262 368,984	17,041	16,573
6	17	99 112	69 869,842	1 188 288,602	17,007	16,539
7	18	99 089	65 899,979	1 118 418,760	16,971	16,503
8	19	99 061	62 152,189	1 052 518,781	16,935	16,467
9	20	99 035	58 618,878	990 366,592	16,895	16,427
10	21	99 009	55 286,181	931 747,714	16,853	16,385
11	22	98 985	52 144,042	876 461,533	16,808	16,341
12	23	98 961	49 180,677	824 317,491	16,761	16,293
13	24	98 937	46 385,322	775 136,814	16,711	16,243
14	25	98 909	43 747,668	728 751,493	16,658	16,190
15	26	98 877	41 257,936	685 003,824	16,603	16,135
16	27	98 843	38 909,035	643 745,888	16,545	16,077
17	28	98 797	36 689,656	604 836,853	16,485	16,017
18	29	98 746	34 595,219	568 147,197	16,423	15,955
19	30	98 683	32 616,051	533 551,977	16,359	15,891
20	31	98 613	30 747,870	500 935,926	16,292	15,824
21	32	98 539	28 985,793	470 188,056	16,221	15,753
22	33	98 465	27 324,641	441 202,263	16,147	15,679
23	34	98 385	25 756,984	413 877,622	16,069	15,601
24	35	98 305	24 279,229	388 120,638	15,986	15,518
25	36	98 218	22 884,621	363 841,409	15,899	15,431
26	37	98 130	21 569,916	340 956,788	15,807	15,339
27	38	98 038	20 329,986	319 386,872	15,710	15,242
28	39	97 934	19 158,810	299 056,886	15,609	15,141
29	40	97 828	18 054,725	279 898,076	15,503	15,035
30	41	97 709	17 012,201	261 843,351	15,392	14,924
31	42	97 582	16 028,363	244 831,149	15,275	14,807
32	43	97 445	15 099,789	228 802,787	15,153	14,685
33	44	97 295	14 223,125	213 702,997	15,025	14,557
34	45	97 129	13 395,211	199 479,872	14,892	14,424
35	46	96 942	12 612,718	186 084,661	14,754	14,286
36	47	96 747	11 874,769	173 471,943	14,608	14,140
37	48	96 531	11 177,646	161 597,174	14,457	13,989
38	49	96 283	10 517,824	150 419,528	14,301	13,833
39	50	96 012	9 894,555	139 901,703	14,139	13,671
40	51	95 727	9 306,808	130 007,148	13,969	13,501
41	52	95 404	8 750,351	120 700,340	13,794	13,326
42	53	95 054	8 224,804	111 949,989	13,611	13,143
43	54	94 674	7 728,176	103 725,185	13,422	12,954
44	55	94 255	7 258,478	95 997,010	13,226	12,758
45	56	93 780	6 813,125	88 738,532	13,025	12,557
46	57	93 262	6 391,941	81 925,407	12,817	12,349
47	58	92 693	5 993,381	75 533,466	12,603	12,135
48	59	92 071	5 616,210	69 540,086	12,382	11,914
49	60	91 395	5 259,372	63 923,875	12,154	11,686
50	61	90 642	4 920,830	58 664,503	11,922	11,454
51	62	89 827	4 600,553	53 743,673	11,682	11,214
52	63	88 946	4 297,551	49 143,120	11,435	10,967
53	64	87 980	4 010,257	44 845,569	11,183	10,715
54	65	86 912	3 737,352	40 835,312	10,926	10,458
55	66	85 761	3 479,107	37 097,961	10,663	10,195
56	67	84 507	3 234,181	33 618,854	10,395	9,927
57	68	83 154	3 002,275	30 384,673	10,121	9,653
58	69	81 681	2 782,142	27 382,398	9,842	9,374
59	70	80 078	2 573,175	24 600,256	9,560	9,092
60	71	78 363	2 375,518	22 027,082	9,273	8,805
61	72	76 529	2 188,618	19 651,564	8,979	8,511
62	73	74 580	2 012,135	17 462,946	8,679	8,211
63	74	72 479	1 844,784	15 450,811	8,375	7,907
64	75	70 262	1 687,125	13 606,027	8,065	7,597
65	76	67 929	1 538,770	11 918,903	7,746	7,278
66	77	65 439	1 398,459	10 380,133	7,423	6,955
67	78	62 821	1 266,519	8 981,674	7,092	6,624
68	79	59 997	1 141,122	7 715,155	6,761	6,293
69	80	56 998	1 022,712	6 574,033	6,428	5,960
70	81	53 761	910,029	5 551,321	6,100	5,632
71	82	50 319	803,551	4 641,292	5,776	5,308
72	83	46 655	702,879	3 837,741	5,460	4,992
73	84	42 857	609,110	3 134,862	5,147	4,679
74	85	38 913	521,745	2 525,752	4,841	4,373
75	86	34 833	440,607	2 004,006	4,548	4,080
76	87	30 727	366,672	1 563,399	4,264	3,796
77	88	26 628	299,771	1 196,727	3,992	3,524
78	89	22 627	240,312	896,956	3,732	3,265
79	90	18 801	188,373	656,644	3,486	3,018
80	91	15 219	143,856	468,271	3,255	2,787
81	92	11 953	106,590	324,415	3,044	2,576
82	93	9 085	76,429	217,825	2,850	2,382
83	94	6 665	52,892	141,396	2,673	2,205
84	95	4 713	35,284	88,504	2,508	2,040
85	96	3 197	22,584	53,221	2,357	1,889
86	97	2 045	13,627	30,636	2,248	1,780
87	98	1 265	7,951	17,010	2,139	1,671
88	99	754	4,471	9,059	2,026	1,558
89	100	426	2,381	4,588	1,927	1,459

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 594	99 593,669	1 703 914,023	17,109	16,641
1	13	99 231	93 614,243	1 604 320,354	17,138	16,670
2	14	99 194	88 282,593	1 510 706,111	17,112	16,644
3	15	99 170	83 264,786	1 422 423,518	17,083	16,615
4	16	99 147	78 533,571	1 339 158,732	17,052	16,584
5	17	99 122	74 069,474	1 260 625,161	17,019	16,552
6	18	99 098	69 860,329	1 186 555,687	16,985	16,517
7	19	99 070	65 886,996	1 116 695,359	16,949	16,481
8	20	99 044	62 141,325	1 050 808,363	16,910	16,442
9	21	99 017	58 608,041	988 667,038	16,869	16,401
10	22	98 993	55 277,064	930 058,997	16,825	16,357
11	23	98 969	52 135,552	874 781,933	16,779	16,311
12	24	98 943	49 171,826	822 646,380	16,730	16,262
13	25	98 919	46 376,975	773 474,554	16,678	16,210
14	26	98 890	43 739,346	727 097,579	16,623	16,155
15	27	98 858	41 250,172	683 358,233	16,566	16,098
16	28	98 821	38 900,663	642 108,061	16,506	16,038
17	29	98 774	36 681,011	603 207,399	16,445	15,977
18	30	98 721	34 586,267	566 526,388	16,380	15,912
19	31	98 652	32 605,708	531 940,121	16,314	15,846
20	32	98 582	30 738,215	499 334,413	16,245	15,777
21	33	98 505	28 975,862	468 596,198	16,172	15,704
22	34	98 430	27 314,795	439 620,336	16,095	15,627
23	35	98 345	25 746,527	412 305,541	16,014	15,546
24	36	98 264	24 269,223	386 559,015	15,928	15,460
25	37	98 173	22 874,128	362 289,792	15,838	15,370
26	38	98 083	21 559,678	339 415,664	15,743	15,275
27	39	97 979	20 317,722	317 855,986	15,644	15,176
28	40	97 875	19 147,293	297 538,264	15,539	15,071
29	41	97 760	18 042,345	278 390,971	15,430	14,962
30	42	97 637	16 999,608	260 348,626	15,315	14,847
31	43	97 505	16 015,640	243 349,018	15,194	14,726
32	44	97 356	15 086,078	227 333,378	15,069	14,601
33	45	97 200	14 209,321	212 247,300	14,937	14,469
34	46	97 017	13 379,777	198 037,980	14,801	14,333
35	47	96 824	12 597,361	184 658,203	14,658	14,191
36	48	96 614	11 858,497	172 060,841	14,509	14,042
37	49	96 377	11 159,829	160 202,344	14,355	13,887
38	50	96 115	10 499,438	149 042,516	14,195	13,727
39	51	95 834	9 876,218	138 543,077	14,028	13,560
40	52	95 522	9 286,867	128 666,859	13,855	13,387
41	53	95 181	8 729,936	119 379,992	13,675	13,207
42	54	94 810	8 203,686	110 650,056	13,488	13,020
43	55	94 400	7 705,851	102 446,370	13,295	12,827
44	56	93 949	7 234,921	94 740,519	13,095	12,627
45	57	93 445	6 788,754	87 505,598	12,890	12,422
46	58	92 896	6 366,858	80 716,844	12,678	12,210
47	59	92 290	5 967,313	74 349,986	12,460	11,992
48	60	91 638	5 589,779	68 382,673	12,234	11,766
49	61	90 913	5 231,624	62 792,894	12,003	11,535
50	62	90 127	4 892,851	57 561,270	11,764	11,296
51	63	89 276	4 572,331	52 668,419	11,519	11,051
52	64	88 346	4 268,547	48 096,089	11,268	10,800
53	65	87 322	3 980,290	43 827,541	11,011	10,543
54	66	86 219	3 707,563	39 847,251	10,748	10,280
55	67	85 010	3 448,622	36 139,688	10,479	10,011
56	68	83 706	3 203,514	32 691,066	10,205	9,737
57	69	82 284	2 970,854	29 487,552	9,926	9,458
58	70	80 737	2 749,996	26 516,698	9,642	9,174
59	71	79 070	2 540,756	23 766,703	9,354	8,886
60	72	77 289	2 342,969	21 225,947	9,059	8,591
61	73	75 396	2 156,196	18 882,978	8,758	8,290
62	74	73 355	1 979,104	16 726,782	8,452	7,984
63	75	71 186	1 811,867	14 747,678	8,139	7,672
64	76	68 911	1 654,679	12 935,811	7,818	7,350
65	77	66 464	1 505,585	11 281,132	7,493	7,025
66	78	63 882	1 365,181	9 775,548	7,161	6,693
67	79	61 097	1 231,756	8 410,367	6,828	6,360
68	80	58 112	1 105,274	7 178,611	6,495	6,027
69	81	54 920	985,422	6 073,337	6,163	5,695
70	82	51 467	871,194	5 087,915	5,840	5,372
71	83	47 834	763,873	4 216,720	5,520	5,052
72	84	44 010	663,017	3 452,848	5,208	4,740
73	85	40 065	569,419	2 789,830	4,899	4,431
74	86	35 951	482,028	2 220,411	4,606	4,138
75	87	31 796	402,195	1 738,384	4,322	3,854
76	88	27 656	330,025	1 336,188	4,049	3,581
77	89	23 587	265,536	1 006,163	3,789	3,321
78	90	19 697	209,187	740,627	3,541	3,073
79	91	16 028	160,592	531,440	3,309	2,841
80	92	12 668	119,741	370,847	3,097	2,629
81	93	9 712	86,604	251,106	2,899	2,432
82	94	7 187	60,458	164,503	2,721	2,253
83	95	5 131	40,718	104,045	2,555	2,087
84	96	3 521	26,365	63,327	2,402	1,934
85	97	2 284	16,133	36,962	2,291	1,823
86	98	1 434	9,552	20,829	2,181	1,713
87	99	869	5,461	11,277	2,065	1,597
88	100	500	2,965	5,816	1,962	1,494

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 586	99 585,848	1 702 003,285	17,091	16,623
1	14	99 222	93 605,423	1 602 417,437	17,119	16,651
2	15	99 185	88 274,453	1 508 812,014	17,092	16,624
3	16	99 158	83 254,655	1 420 537,560	17,063	16,595
4	17	99 132	78 522,007	1 337 282,905	17,031	16,563
5	18	99 108	74 059,388	1 258 760,898	16,997	16,529
6	19	99 079	69 846,565	1 184 701,510	16,961	16,494
7	20	99 052	65 875,479	1 114 854,945	16,924	16,456
8	21	99 026	62 129,837	1 048 979,466	16,884	16,416
9	22	99 001	58 598,377	986 849,629	16,841	16,373
10	23	98 977	55 268,065	928 251,253	16,795	16,327
11	24	98 951	52 126,170	872 983,188	16,748	16,280
12	25	98 926	49 162,978	820 857,018	16,697	16,229
13	26	98 900	46 368,153	771 694,040	16,643	16,175
14	27	98 872	43 731,115	725 325,887	16,586	16,118
15	28	98 837	41 241,295	681 594,772	16,527	16,059
16	29	98 798	38 891,496	640 353,477	16,465	15,997
17	30	98 748	36 671,519	601 461,981	16,401	15,933
18	31	98 690	34 575,299	564 790,462	16,335	15,867
19	32	98 621	32 595,470	530 215,163	16,267	15,799
20	33	98 548	30 727,683	497 619,693	16,195	15,727
21	34	98 470	28 965,421	466 892,011	16,119	15,651
22	35	98 390	27 303,705	437 926,590	16,039	15,571
23	36	98 305	25 735,916	410 622,884	15,955	15,487
24	37	98 219	24 258,095	384 886,969	15,866	15,398
25	38	98 126	22 863,271	360 628,873	15,773	15,305
26	39	98 024	21 546,672	337 765,602	15,676	15,208
27	40	97 920	20 305,508	316 218,930	15,573	15,105
28	41	97 808	19 134,163	295 913,423	15,465	14,997
29	42	97 688	18 028,989	276 779,259	15,352	14,884
30	43	97 560	16 986,114	258 750,270	15,233	14,765
31	44	97 416	16 001,097	241 764,156	15,109	14,641
32	45	97 262	15 071,435	225 763,059	14,980	14,512
33	46	97 088	14 192,948	210 691,623	14,845	14,377
34	47	96 899	13 363,487	196 498,675	14,704	14,236
35	48	96 692	12 580,099	183 135,188	14,558	14,090
36	49	96 460	11 839,594	170 555,089	14,405	13,938
37	50	96 209	11 140,320	158 715,495	14,247	13,779
38	51	95 936	10 479,981	147 575,175	14,082	13,614
39	52	95 629	9 855,057	137 095,194	13,911	13,443
40	53	95 299	9 265,201	127 240,137	13,733	13,265
41	54	94 937	8 707,521	117 974,936	13,549	13,081
42	55	94 536	8 179,988	109 267,415	13,358	12,890
43	56	94 094	7 680,842	101 087,428	13,161	12,693
44	57	93 613	7 209,042	93 406,585	12,957	12,489
45	58	93 078	6 762,114	86 197,544	12,747	12,279
46	59	92 492	6 339,166	79 435,430	12,531	12,063
47	60	91 856	5 939,229	73 096,264	12,307	11,839
48	61	91 155	5 560,287	67 157,035	12,078	11,610
49	62	90 396	5 201,878	61 596,748	11,841	11,373
50	63	89 574	4 862,836	56 394,870	11,597	11,129
51	64	88 674	4 541,473	51 532,034	11,347	10,879
52	65	87 685	4 236,650	46 990,562	11,091	10,623
53	66	86 626	3 948,565	42 753,912	10,828	10,360
54	67	85 464	3 675,077	38 805,347	10,559	10,091
55	68	84 204	3 415,922	35 130,269	10,284	9,816
56	69	82 830	3 169,987	31 714,348	10,005	9,537
57	70	81 333	2 936,527	28 544,361	9,720	9,252
58	71	79 720	2 715,349	25 607,834	9,431	8,963
59	72	77 986	2 505,943	22 892,485	9,135	8,667
60	73	76 144	2 308,261	20 386,542	8,832	8,364
61	74	74 158	2 120,800	18 078,281	8,524	8,056
62	75	72 047	1 943,790	15 957,481	8,209	7,742
63	76	69 817	1 777,022	14 013,691	7,886	7,418
64	77	67 425	1 618,994	12 236,669	7,558	7,090
65	78	64 882	1 469,757	10 617,675	7,224	6,756
66	79	62 128	1 327,709	9 147,918	6,890	6,422
67	80	59 177	1 193,061	7 820,209	6,555	6,087
68	81	55 994	1 064,974	6 627,148	6,223	5,755
69	82	52 576	943,371	5 562,174	5,896	5,428
70	83	48 925	828,176	4 618,803	5,577	5,109
71	84	45 121	720,552	3 790,627	5,261	4,793
72	85	41 142	619,813	3 070,075	4,953	4,485
73	86	37 015	526,072	2 450,262	4,658	4,190
74	87	32 816	440,005	1 924,190	4,373	3,905
75	88	28 618	361,998	1 484,185	4,100	3,632
76	89	24 498	292,336	1 122,188	3,839	3,371
77	90	20 532	231,145	829,852	3,590	3,122
78	91	16 792	178,337	598,707	3,357	2,889
79	92	13 341	133,672	420,370	3,145	2,677
80	93	10 293	97,289	286,699	2,947	2,479
81	94	7 683	68,506	189,409	2,765	2,297
82	95	5 533	46,542	120,904	2,598	2,130
83	96	3 834	30,425	74,361	2,444	1,976
84	97	2 516	18,834	43,936	2,333	1,865
85	98	1 601	11,309	25,102	2,220	1,752
86	99	985	6,561	13,793	2,102	1,634
87	100	576	3,621	7,232	1,997	1,529

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,466	1 699 958,812	17,072	16,604
1	15	99 213	93 596,792	1 600 382,346	17,099	16,631
2	16	99 173	88 263,713	1 506 785,554	17,071	16,603
3	17	99 143	83 242,396	1 418 521,841	17,041	16,573
4	18	99 119	78 511,315	1 335 279,444	17,007	16,540
5	19	99 089	74 044,797	1 256 768,129	16,973	16,505
6	20	99 061	69 834,356	1 182 723,332	16,936	16,468
7	21	99 034	65 863,300	1 112 888,976	16,897	16,429
8	22	99 009	62 119,592	1 047 025,675	16,855	16,387
9	23	98 985	58 588,836	984 906,084	16,810	16,343
10	24	98 959	55 258,118	926 317,248	16,763	16,295
11	25	98 933	52 116,790	871 059,129	16,714	16,246
12	26	98 907	49 153,626	818 942,339	16,661	16,193
13	27	98 881	46 359,427	769 788,713	16,605	16,137
14	28	98 851	43 721,705	723 429,286	16,546	16,078
15	29	98 814	41 231,577	679 707,581	16,485	16,017
16	30	98 773	38 881,432	638 476,004	16,421	15,953
17	31	98 717	36 659,889	599 594,572	16,356	15,888
18	32	98 659	34 564,442	562 934,683	16,287	15,819
19	33	98 587	32 584,302	528 370,241	16,215	15,748
20	34	98 512	30 716,611	495 785,939	16,141	15,673
21	35	98 430	28 953,661	465 069,328	16,063	15,595
22	36	98 349	27 292,452	436 115,667	15,979	15,511
23	37	98 260	25 724,116	408 823,215	15,893	15,425
24	38	98 173	24 246,581	383 099,099	15,800	15,332
25	39	98 067	22 849,479	358 852,518	15,705	15,237
26	40	97 965	21 533,719	336 003,039	15,604	15,136
27	41	97 853	20 291,584	314 469,320	15,498	15,030
28	42	97 735	19 119,999	294 177,736	15,386	14,918
29	43	97 611	18 014,679	275 057,736	15,269	14,801
30	44	97 471	16 970,690	257 043,058	15,146	14,678
31	45	97 322	15 985,567	240 072,368	15,018	14,550
32	46	97 150	15 054,069	224 086,801	14,885	14,417
33	47	96 970	14 175,668	209 032,732	14,746	14,278
34	48	96 766	13 345,175	194 857,064	14,601	14,133
35	49	96 538	12 560,046	181 511,889	14,452	13,984
36	50	96 292	11 818,898	168 951,843	14,295	13,827
37	51	96 030	11 119,675	157 132,945	14,131	13,663
38	52	95 731	10 457,525	146 013,270	13,963	13,495
39	53	95 406	9 832,065	135 555,745	13,787	13,319
40	54	95 055	9 241,411	125 723,680	13,604	13,136
41	55	94 663	8 682,367	116 482,269	13,416	12,948
42	56	94 230	8 153,440	107 799,901	13,221	12,753
43	57	93 757	7 653,368	99 646,462	13,020	12,552
44	58	93 246	7 180,752	91 993,093	12,811	12,343
45	59	92 673	6 732,703	84 812,341	12,597	12,129
46	60	92 056	6 309,332	78 079,638	12,375	11,907
47	61	91 371	5 907,894	71 770,306	12,148	11,680
48	62	90 636	5 528,672	65 862,413	11,913	11,445
49	63	89 841	5 169,967	60 333,741	11,670	11,202

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
50	64	88 970	4 830,017	55 163,773	11,421	10,953
51	65	88 011	4 507,536	50 333,757	11,167	10,699
52	66	86 987	4 202,882	45 826,221	10,904	10,436
53	67	85 867	3 913,967	41 623,339	10,635	10,167
54	68	84 654	3 640,229	37 709,372	10,359	9,891
55	69	83 322	3 380,172	34 069,142	10,079	9,611
56	70	81 873	3 133,359	30 688,971	9,794	9,326
57	71	80 309	2 899,530	27 555,612	9,503	9,036
58	72	78 627	2 678,144	24 656,082	9,206	8,738
59	73	76 831	2 468,821	21 977,938	8,902	8,434
60	74	74 894	2 270,368	19 509,117	8,593	8,125
61	75	72 835	2 082,958	17 238,748	8,276	7,808
62	76	70 661	1 906,408	15 155,790	7,950	7,482
63	77	68 312	1 738,699	13 249,382	7,620	7,152
64	78	65 820	1 580,468	11 510,683	7,283	6,815
65	79	63 101	1 429,415	9 930,215	6,947	6,479
66	80	60 177	1 286,000	8 500,800	6,610	6,142
67	81	57 020	1 149,560	7 214,800	6,276	5,808
68	82	53 604	1 019,527	6 065,240	5,949	5,481
69	83	49 980	896,788	5 045,712	5,626	5,158
70	84	46 151	781,209	4 148,925	5,311	4,843
71	85	42 181	673,599	3 367,716	5,000	4,532
72	86	38 010	572,630	2 694,117	4,705	4,237
73	87	33 788	480,209	2 121,487	4,418	3,950
74	88	29 537	396,028	1 641,278	4,144	3,676
75	89	25 350	320,657	1 245,250	3,883	3,415
76	90	21 325	254,473	924,593	3,633	3,165
77	91	17 504	197,056	670,120	3,401	2,933
78	92	13 977	148,441	473,064	3,187	2,719
79	93	10 840	108,608	324,622	2,989	2,521
80	94	8 142	76,958	216,014	2,807	2,339
81	95	5 914	52,738	139,056	2,637	2,169
82	96	4 134	34,778	86,318	2,482	2,014
83	97	2 739	21,734	51,540	2,371	1,903
84	98	1 763	13,202	29,806	2,258	1,790
85	99	1 100	7,768	16,604	2,138	1,670
86	100	653	4,350	8,836	2,031	1,563

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 567	99 567,285	1 697 774,311	17,052	16,584
1	16	99 201	93 585,404	1 598 207,026	17,078	16,610
2	17	99 159	88 250,717	1 504 621,622	17,049	16,581
3	18	99 130	83 231,062	1 416 370,905	17,017	16,549
4	19	99 099	78 495,847	1 333 139,844	16,984	16,516
5	20	99 071	74 031,855	1 254 643,996	16,947	16,479
6	21	99 043	69 821,445	1 180 612,141	16,909	16,441
7	22	99 018	65 852,439	1 110 790,696	16,868	16,400
8	23	98 993	62 109,478	1 044 938,257	16,824	16,356
9	24	98 967	58 578,292	982 828,779	16,778	16,310
10	25	98 941	55 248,175	924 250,486	16,729	16,261
11	26	98 914	52 106,877	869 002,311	16,677	16,209
12	27	98 888	49 144,376	816 895,434	16,622	16,154
13	28	98 860	46 349,451	767 751,059	16,564	16,096
14	29	98 827	43 711,402	721 401,608	16,504	16,036
15	30	98 788	41 220,908	677 690,206	16,440	15,972
16	31	98 741	38 869,102	636 469,298	16,375	15,907
17	32	98 686	36 648,378	597 600,196	16,306	15,838
18	33	98 625	34 552,599	560 951,818	16,235	15,767
19	34	98 552	32 572,560	526 399,219	16,161	15,693
20	35	98 472	30 704,140	493 826,659	16,083	15,615
21	36	98 389	28 941,728	463 122,519	16,002	15,534
22	37	98 304	27 279,939	434 180,790	15,916	15,448
23	38	98 213	25 711,906	406 900,851	15,825	15,357
24	39	98 114	24 231,954	381 188,946	15,731	15,263
25	40	98 008	22 835,743	356 956,992	15,632	15,164
26	41	97 898	21 518,954	334 121,249	15,527	15,059
27	42	97 781	20 276,563	312 602,295	15,417	14,949
28	43	97 658	19 104,822	292 325,732	15,301	14,833
29	44	97 522	17 998,320	273 220,909	15,180	14,712
30	45	97 376	16 954,219	255 222,589	15,054	14,586
31	46	97 210	15 967,147	238 268,371	14,922	14,454
32	47	97 031	15 035,741	222 301,223	14,785	14,317
33	48	96 837	14 156,243	207 265,482	14,641	14,173
34	49	96 612	13 323,902	193 109,239	14,493	14,025
35	50	96 369	12 538,090	179 785,337	14,339	13,871
36	51	96 113	11 796,995	167 247,247	14,177	13,709
37	52	95 825	11 095,849	155 450,252	14,010	13,542
38	53	95 507	10 433,128	144 354,403	13,836	13,368
39	54	95 161	9 806,820	133 921,275	13,656	13,188
40	55	94 780	9 214,715	124 114,455	13,469	13,001
41	56	94 355	8 654,189	114 899,740	13,277	12,809
42	57	93 893	8 124,275	106 245,551	13,078	12,610
43	58	93 389	7 623,335	98 121,275	12,871	12,403
44	59	92 840	7 149,520	90 497,940	12,658	12,190
45	60	92 237	6 701,017	83 348,420	12,438	11,970
46	61	91 571	6 276,044	76 647,403	12,213	11,745
47	62	90 851	5 874,302	70 371,359	11,980	11,512
48	63	90 080	5 494,757	64 497,057	11,738	11,270
49	64	89 235	5 135,076	59 002,301	11,490	11,022
50	65	88 305	4 793,924	53 867,225	11,237	10,769
51	66	87 310	4 471,609	49 073,301	10,974	10,506
52	67	86 224	4 166,056	44 601,692	10,706	10,238
53	68	85 053	3 876,854	40 435,637	10,430	9,962
54	69	83 768	3 602,132	36 558,783	10,149	9,681
55	70	82 360	3 341,115	32 956,651	9,864	9,396
56	71	80 841	3 093,882	29 615,536	9,572	9,104
57	72	79 208	2 859,801	26 521,653	9,274	8,806
58	73	77 463	2 638,471	23 661,852	8,968	8,500
59	74	75 570	2 428,292	21 023,381	8,658	8,190
60	75	73 558	2 229,858	18 595,088	8,339	7,871
61	76	71 434	2 042,900	16 365,231	8,011	7,543
62	77	69 137	1 865,295	14 322,331	7,678	7,210
63	78	66 686	1 697,324	12 457,036	7,339	6,871
64	79	64 014	1 537,087	10 759,712	7,000	6,532
65	80	61 119	1 384,511	9 222,625	6,661	6,193
66	81	57 983	1 239,111	7 838,114	6,326	5,858
67	82	54 586	1 100,504	6 599,003	5,996	5,528
68	83	50 957	969,184	5 498,499	5,673	5,205
69	84	47 145	845,930	4 529,315	5,354	4,886
70	85	43 143	730,303	3 683,385	5,044	4,576
71	86	38 970	622,321	2 953,083	4,745	4,277
72	87	34 696	522,708	2 330,761	4,459	3,991
73	88	30 411	432,214	1 808,053	4,183	3,715
74	89	26 163	350,801	1 375,839	3,922	3,454
75	90	22 067	279,126	1 025,038	3,672	3,204
76	91	18 180	216,944	745,912	3,438	2,970
77	92	14 570	164,023	528,968	3,225	2,757
78	93	11 356	120,608	364,945	3,026	2,558
79	94	8 575	85,912	244,336	2,844	2,376
80	95	6 268	59,245	158,425	2,674	2,206
81	96	4 419	39,407	99,179	2,517	2,049
82	97	2 953	24,843	59,772	2,406	1,938
83	98	1 920	15,235	34,929	2,293	1,825
84	99	1 211	9,068	19,694	2,172	1,704
85	100	729	5,150	10,625	2,063	1,595

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 555	99 555,170	1 695 441,272	17,030	16,562
1	17	99 186	93 571,624	1 595 886,101	17,055	16,587
2	18	99 145	88 238,700	1 502 314,477	17,026	16,558
3	19	99 110	83 214,664	1 414 075,777	16,993	16,525
4	20	99 082	78 482,127	1 330 861,113	16,958	16,490
5	21	99 053	74 018,168	1 252 378,986	16,920	16,452
6	22	99 027	69 809,932	1 178 360,819	16,880	16,412
7	23	99 002	65 841,718	1 108 550,887	16,837	16,369
8	24	98 975	62 098,301	1 042 709,168	16,791	16,323
9	25	98 949	58 567,752	980 610,868	16,743	16,275
10	26	98 922	55 237,666	922 043,116	16,692	16,224
11	27	98 896	52 097,070	866 805,450	16,638	16,170
12	28	98 867	49 133,800	814 708,380	16,581	16,113
13	29	98 837	46 338,529	765 574,579	16,521	16,053
14	30	98 802	43 700,091	719 236,050	16,458	15,990
15	31	98 757	41 207,835	675 535,959	16,393	15,925
16	32	98 710	38 856,897	634 328,124	16,325	15,857
17	33	98 652	36 635,821	595 471,227	16,254	15,786
18	34	98 589	34 540,149	558 835,406	16,179	15,711
19	35	98 512	32 559,336	524 295,257	16,103	15,635
20	36	98 432	30 691,486	491 735,921	16,022	15,554
21	37	98 344	28 928,459	461 044,435	15,937	15,469
22	38	98 258	27 266,990	432 115,977	15,848	15,380
23	39	98 154	25 696,395	404 848,986	15,755	15,287
24	40	98 055	24 217,387	379 152,591	15,656	15,188
25	41	97 941	22 820,084	354 935,204	15,554	15,086
26	42	97 825	21 503,024	332 115,120	15,445	14,977
27	43	97 703	20 260,469	310 612,096	15,331	14,863
28	44	97 569	19 087,474	290 351,627	15,212	14,744
29	45	97 427	17 980,851	271 264,153	15,086	14,618
30	46	97 264	16 934,683	253 283,302	14,956	14,489
31	47	97 091	15 947,707	236 348,619	14,820	14,352
32	48	96 898	15 015,137	220 400,911	14,679	14,211
33	49	96 683	14 133,677	205 385,774	14,532	14,064
34	50	96 443	13 300,611	191 252,097	14,379	13,911
35	51	96 190	12 514,855	177 951,486	14,219	13,751
36	52	95 907	11 771,717	165 436,631	14,054	13,586
37	53	95 601	11 069,963	153 664,914	13,881	13,413
38	54	95 262	10 406,340	142 594,951	13,703	13,235
39	55	94 886	9 778,491	132 188,611	13,518	13,050
40	56	94 472	9 184,809	122 410,121	13,327	12,859
41	57	94 018	8 623,234	113 225,312	13,130	12,662
42	58	93 524	8 092,395	104 602,078	12,926	12,458
43	59	92 983	7 590,178	96 509,683	12,715	12,247
44	60	92 403	7 115,872	88 919,505	12,496	12,028
45	61	91 750	6 665,662	81 803,633	12,272	11,804
46	62	91 050	6 240,359	75 137,970	12,041	11,573
47	63	90 294	5 838,266	68 897,612	11,801	11,333
48	64	89 472	5 457,673	63 059,345	11,554	11,086
49	65	88 568	5 096,703	57 601,672	11,302	10,834
50	66	87 601	4 755,714	52 504,969	11,040	10,572
51	67	86 545	4 432,428	47 749,255	10,773	10,305
52	68	85 407	4 126,552	43 316,827	10,497	10,029
53	69	84 163	3 836,280	39 190,275	10,216	9,748
54	70	82 800	3 560,511	35 353,994	9,929	9,462
55	71	81 322	3 299,021	31 793,484	9,637	9,169
56	72	79 733	3 051,491	28 494,463	9,338	8,870
57	73	78 035	2 817,437	25 442,972	9,031	8,563
58	74	76 191	2 595,157	22 625,534	8,718	8,250
59	75	74 221	2 384,964	20 030,377	8,399	7,931
60	76	72 143	2 186,975	17 645,413	8,068	7,600
61	77	69 893	1 998,843	15 458,438	7,734	7,266
62	78	67 492	1 820,907	13 459,596	7,392	6,924
63	79	64 856	1 650,736	11 638,688	7,051	6,583
64	80	62 003	1 488,800	9 987,952	6,709	6,241
65	81	58 891	1 334,029	8 499,152	6,371	5,903
66	82	55 508	1 186,233	7 165,123	6,040	5,572
67	83	51 891	1 046,162	5 978,890	5,715	5,247
68	84	48 067	914,220	4 932,727	5,396	4,928
69	85	44 073	790,806	4 018,507	5,082	4,614
70	86	39 859	674,709	3 227,701	4,784	4,316
71	87	35 573	568,067	2 552,992	4,494	4,026
72	88	31 228	470,466	1 984,925	4,219	3,751
73	89	26 938	382,855	1 514,459	3,956	3,488
74	90	22 775	305,366	1 131,604	3,706	3,238
75	91	18 813	237,962	826,238	3,472	3,004
76	92	15 132	180,577	588,277	3,258	2,790
77	93	11 838	133,268	407,700	3,059	2,591
78	94	8 983	95,404	274,432	2,877	2,409
79	95	6 601	66,138	179,027	2,707	2,239
80	96	4 684	44,269	112,889	2,550	2,082
81	97	3 157	28,150	68,620	2,438	1,970
82	98	2 070	17,415	40,470	2,324	1,856
83	99	1 319	10,465	23,055	2,203	1,735
84	100	803	6,013	12,590	2,094	1,626

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 541	99 540,511	1 692 954,031	17,008	16,540
1	18	99 172	93 558,883	1 593 413,519	17,031	16,563
2	19	99 125	88 221,316	1 499 854,636	17,001	16,533
3	20	99 093	83 200,119	1 411 633,321	16,967	16,499
4	21	99 064	78 467,617	1 328 433,202	16,930	16,462
5	22	99 037	74 005,962	1 249 965,585	16,890	16,422
6	23	99 011	69 798,566	1 175 959,622	16,848	16,380
7	24	98 984	65 829,869	1 106 161,056	16,803	16,335
8	25	98 957	62 087,127	1 040 331,187	16,756	16,288
9	26	98 930	58 556,611	978 244,060	16,706	16,238
10	27	98 904	55 227,270	919 687,449	16,653	16,185
11	28	98 875	52 085,860	864 460,179	16,597	16,129
12	29	98 844	49 122,223	812 374,319	16,538	16,070
13	30	98 811	46 326,538	763 252,097	16,475	16,008
14	31	98 770	43 686,232	716 925,558	16,411	15,943
15	32	98 726	41 194,896	673 239,326	16,343	15,875
16	33	98 676	38 843,583	632 044,430	16,272	15,804
17	34	98 616	36 622,620	593 200,847	16,198	15,730
18	35	98 549	34 526,126	556 578,227	16,120	15,653
19	36	98 471	32 545,917	522 052,101	16,040	15,573
20	37	98 387	30 677,414	489 506,184	15,957	15,489
21	38	98 297	28 914,727	458 828,770	15,868	15,400
22	39	98 198	27 250,541	429 914,042	15,776	15,308
23	40	98 095	25 680,948	402 663,501	15,679	15,211
24	41	97 987	24 200,781	376 982,553	15,577	15,109
25	42	97 868	22 803,191	352 781,772	15,471	15,003
26	43	97 748	21 485,956	329 978,581	15,358	14,890
27	44	97 614	20 242,071	308 492,625	15,240	14,772
28	45	97 474	19 068,948	288 250,554	15,116	14,648
29	46	97 315	17 960,133	269 181,606	14,988	14,520
30	47	97 146	16 914,065	251 221,473	14,853	14,385
31	48	96 958	15 925,854	234 307,408	14,712	14,244
32	49	96 744	14 991,203	218 381,553	14,567	14,099
33	50	96 514	14 108,971	203 390,351	14,416	13,948
34	51	96 264	13 275,962	189 281,380	14,257	13,789
35	52	95 984	12 488,039	176 005,418	14,094	13,626
36	53	95 683	11 744,254	163 517,379	13,923	13,455
37	54	95 356	11 041,539	151 773,125	13,746	13,278
38	55	94 987	10 376,279	140 731,586	13,563	13,095
39	56	94 578	9 746,755	130 355,307	13,374	12,906
40	57	94 134	9 151,955	120 608,552	13,178	12,710
41	58	93 649	8 589,395	111 456,597	12,976	12,508
42	59	93 117	8 057,198	102 867,202	12,767	12,299
43	60	92 546	7 554,456	94 810,004	12,550	12,082
44	61	91 916	7 078,329	87 255,548	12,327	11,859
45	62	91 229	6 627,762	80 177,219	12,097	11,629
46	63	90 491	6 202,078	73 549,457	11,859	11,391
47	64	89 685	5 798,865	67 347,379	11,614	11,146
48	65	88 804	5 416,890	61 548,514	11,362	10,894
49	66	87 862	5 056,080	56 131,624	11,102	10,634
50	67	86 833	4 714,044	51 075,545	10,835	10,367
51	68	85 724	4 390,399	46 361,500	10,560	10,092
52	69	84 513	4 083,365	41 971,102	10,279	9,811
53	70	83 191	3 791,954	37 887,737	9,992	9,524
54	71	81 757	3 515,653	34 095,783	9,698	9,230
55	72	80 208	3 253,819	30 580,131	9,398	8,930
56	73	78 552	3 006,287	27 326,312	9,090	8,622
57	74	76 754	2 771,186	24 320,025	8,776	8,308
58	75	74 832	2 548,851	21 548,839	8,454	7,986
59	76	72 794	2 339,098	18 999,987	8,123	7,655
60	77	70 587	2 139,810	16 660,889	7,786	7,318
61	78	68 230	1 951,277	14 521,079	7,442	6,974
62	79	65 639	1 770,927	12 569,801	7,098	6,630
63	80	62 818	1 598,879	10 798,874	6,754	6,286
64	81	59 742	1 434,516	9 199,995	6,413	5,945
65	82	56 378	1 277,101	7 765,479	6,081	5,613
66	83	52 767	1 127,658	6 488,378	5,754	5,286
67	84	48 948	986,833	5 360,720	5,432	4,964
68	85	44 935	854,647	4 373,887	5,118	4,650
69	86	40 718	730,606	3 519,240	4,817	4,349
70	87	36 384	615,888	2 788,634	4,528	4,060
71	88	32 017	511,292	2 172,746	4,250	3,782
72	89	27 662	416,738	1 661,454	3,987	3,519
73	90	23 449	333,268	1 244,717	3,735	3,267
74	91	19 416	260,332	911,449	3,501	3,033
75	92	15 659	198,071	651,117	3,287	2,819
76	93	12 295	146,718	453,046	3,088	2,620
77	94	9 364	105,419	306,328	2,906	2,438
78	95	6 915	73,446	200,909	2,735	2,268
79	96	4 932	49,420	127,463	2,579	2,111
80	97	3 346	31,624	78,044	2,468	2,000
81	98	2 213	19,733	46,420	2,352	1,884
82	99	1 422	11,962	26,687	2,231	1,763
83	100	874	6,939	14,725	2,122	1,654

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 527	99 526,958	1 690 306,213	16,983	16,515
1	19	99 153	93 540,451	1 590 779,256	17,006	16,538
2	20	99 108	88 205,895	1 497 238,805	16,974	16,506
3	21	99 074	83 184,737	1 409 032,910	16,939	16,471
4	22	99 047	78 454,678	1 325 848,173	16,900	16,432
5	23	99 021	73 993,914	1 247 393,495	16,858	16,390
6	24	98 993	69 786,005	1 173 399,581	16,814	16,346
7	25	98 966	65 818,024	1 103 613,576	16,768	16,300
8	26	98 939	62 075,316	1 037 795,552	16,718	16,250
9	27	98 912	58 545,591	975 720,236	16,666	16,198
10	28	98 882	55 215,386	917 174,645	16,611	16,143
11	29	98 851	52 073,586	861 959,259	16,553	16,085
12	30	98 818	49 109,511	809 885,673	16,491	16,023
13	31	98 780	46 311,847	760 776,162	16,427	15,959
14	32	98 739	43 672,515	714 464,315	16,360	15,892
15	33	98 692	41 180,782	670 791,800	16,289	15,821
16	34	98 641	38 829,587	629 611,019	16,215	15,747
17	35	98 576	36 607,751	590 781,432	16,138	15,670
18	36	98 509	34 511,897	554 173,681	16,057	15,590
19	37	98 426	32 530,995	519 661,784	15,974	15,506
20	38	98 340	30 662,852	487 130,789	15,887	15,419
21	39	98 238	28 897,285	456 467,937	15,796	15,328
22	40	98 139	27 234,160	427 570,652	15,700	15,232
23	41	98 028	25 663,338	400 336,492	15,600	15,132
24	42	97 915	24 182,866	374 673,154	15,493	15,025
25	43	97 791	22 785,091	350 490,287	15,382	14,914
26	44	97 659	21 466,445	327 705,196	15,266	14,798
27	45	97 520	20 222,424	306 238,751	15,144	14,676
28	46	97 362	19 046,976	286 016,327	15,016	14,548
29	47	97 196	17 938,266	266 969,350	14,883	14,415
30	48	97 013	16 890,888	249 031,084	14,744	14,276
31	49	96 804	15 900,467	232 140,196	14,600	14,132
32	50	96 575	14 964,997	216 239,729	14,450	13,982
33	51	96 335	14 082,824	201 274,732	14,292	13,824
34	52	96 058	13 247,516	187 191,908	14,130	13,662
35	53	95 760	12 458,905	173 944,392	13,961	13,493
36	54	95 438	11 714,099	161 485,487	13,786	13,318
37	55	95 080	11 009,643	149 771,388	13,604	13,136
38	56	94 679	10 342,603	138 761,745	13,417	12,949
39	57	94 239	9 711,891	128 419,142	13,223	12,755
40	58	93 765	9 116,042	118 707,251	13,022	12,554
41	59	93 242	8 552,036	109 591,209	12,815	12,347
42	60	92 679	8 019,278	101 039,173	12,600	12,132
43	61	92 057	7 514,599	93 019,895	12,379	11,911
44	62	91 393	7 038,082	85 505,296	12,149	11,681
45	63	90 669	6 587,105	78 467,213	11,912	11,444
46	64	89 881	6 160,221	71 880,109	11,668	11,200
47	65	89 015	5 755,532	65 719,888	11,419	10,951
48	66	88 096	5 373,715	59 964,357	11,159	10,691
49	67	87 092	5 011,778	54 590,642	10,892	10,425
50	68	86 010	4 669,344	49 578,864	10,618	10,150
51	69	84 827	4 344,450	44 909,520	10,337	9,869
52	70	83 536	4 036,184	40 565,069	10,050	9,582
53	71	82 142	3 744,180	36 528,886	9,756	9,288
54	72	80 636	3 467,482	32 784,706	9,455	8,987
55	73	79 020	3 205,618	29 317,224	9,146	8,678
56	74	77 263	2 956,936	26 111,606	8,831	8,363
57	75	75 384	2 721,739	23 154,671	8,507	8,039
58	76	73 392	2 499,834	20 432,932	8,174	7,706
59	77	71 224	2 288,653	17 933,098	7,836	7,368
60	78	68 908	2 088,890	15 644,445	7,489	7,021
61	79	66 357	1 897,719	13 555,555	7,143	6,675
62	80	63 577	1 715,294	11 657,836	6,796	6,328
63	81	60 528	1 540,581	9 942,542	6,454	5,986
64	82	57 193	1 373,300	8 401,960	6,118	5,650
65	83	53 594	1 214,039	7 028,660	5,789	5,322
66	84	49 775	1 063,707	5 814,621	5,466	4,998
67	85	45 759	922,528	4 750,914	5,150	4,682
68	86	41 514	789,587	3 828,386	4,849	4,381
69	87	37 168	666,912	3 038,799	4,557	4,089
70	88	32 748	554,332	2 371,887	4,279	3,811
71	89	28 361	452,901	1 817,554	4,013	3,545
72	90	24 079	362,763	1 364,653	3,762	3,294
73	91	19 991	284,119	1 001,891	3,526	3,058
74	92	16 161	216,691	717,772	3,312	2,844
75	93	12 723	160,932	501,081	3,114	2,646
76	94	9 726	116,058	340,148	2,931	2,463
77	95	7 209	81,155	224,090	2,761	2,293
78	96	5 167	54,880	142,935	2,604	2,137
79	97	3 523	35,303	88,055	2,494	2,026
80	98	2 345	22,168	52,752	2,380	1,912
81	99	1 520	13,554	30,584	2,256	1,788
82	100	943	7,931	17,030	2,147	1,679

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 507	99 507,349	1 687 487,196	16,958	16,490
1	20	99 136	93 524,101	1 587 979,847	16,979	16,511
2	21	99 090	88 189,588	1 494 455,746	16,946	16,478
3	22	99 058	83 171,020	1 406 266,158	16,908	16,440
4	23	99 031	78 441,905	1 323 095,139	16,867	16,399
5	24	99 003	73 980,597	1 244 653,233	16,824	16,356
6	25	98 975	69 773,448	1 170 672,636	16,778	16,310
7	26	98 947	65 805,504	1 100 899,188	16,730	16,262
8	27	98 920	62 063,634	1 035 093,685	16,678	16,210
9	28	98 890	58 532,993	973 030,051	16,624	16,156
10	29	98 859	55 202,375	914 497,058	16,566	16,098
11	30	98 826	52 060,111	859 294,683	16,506	16,038
12	31	98 787	49 093,937	807 234,572	16,443	15,975
13	32	98 749	46 297,305	758 140,634	16,375	15,908
14	33	98 706	43 657,551	711 843,330	16,305	15,837
15	34	98 657	41 165,943	668 185,778	16,232	15,764
16	35	98 601	38 813,822	627 019,836	16,155	15,687
17	36	98 536	36 592,664	588 206,014	16,074	15,606
18	37	98 463	34 496,073	551 613,349	15,991	15,523
19	38	98 379	32 515,554	517 117,276	15,904	15,436
20	39	98 281	30 644,355	484 601,722	15,814	15,346
21	40	98 179	28 879,913	453 957,368	15,719	15,251
22	41	98 072	27 215,485	425 077,454	15,619	15,151
23	42	97 955	25 644,341	397 861,969	15,515	15,047
24	43	97 837	24 163,671	372 217,628	15,404	14,936
25	44	97 702	22 764,401	348 053,957	15,289	14,821
26	45	97 564	21 445,610	325 289,556	15,168	14,700
27	46	97 407	20 199,123	303 843,946	15,042	14,574
28	47	97 244	19 023,786	283 644,823	14,910	14,442
29	48	97 063	17 913,686	264 621,036	14,772	14,304
30	49	96 858	16 863,963	246 707,351	14,629	14,161
31	50	96 634	15 872,672	229 843,388	14,480	14,012
32	51	96 396	14 937,264	213 970,716	14,325	13,857
33	52	96 128	14 052,649	199 033,452	14,163	13,695
34	53	95 834	13 216,610	184 980,803	13,996	13,528
35	54	95 514	12 426,914	171 764,193	13,822	13,354
36	55	95 162	11 680,260	159 337,279	13,642	13,174
37	56	94 772	10 973,912	147 657,018	13,455	12,987
38	57	94 340	10 305,608	136 683,107	13,263	12,795
39	58	93 870	9 673,781	126 377,499	13,064	12,596
40	59	93 357	9 076,392	116 703,718	12,858	12,390
41	60	92 803	8 511,787	107 627,325	12,645	12,177
42	61	92 190	7 976,968	99 115,538	12,425	11,957
43	62	91 534	7 471,872	91 138,570	12,198	11,730
44	63	90 832	6 994,908	83 666,698	11,961	11,493
45	64	90 057	6 542,649	76 671,790	11,719	11,251
46	65	89 209	6 114,187	70 129,141	11,470	11,002
47	66	88 305	5 709,658	64 014,954	11,212	10,744
48	67	87 324	5 326,630	58 305,296	10,946	10,478
49	68	86 266	4 964,255	52 978,667	10,672	10,204
50	69	85 110	4 620,477	48 014,412	10,392	9,924
51	70	83 847	4 294,252	43 393,935	10,105	9,637
52	71	82 484	3 985,333	39 099,683	9,811	9,343
53	72	81 017	3 692,878	35 114,351	9,509	9,041
54	73	79 442	3 416,116	31 421,473	9,198	8,730
55	74	77 722	3 152,994	28 005,357	8,882	8,414
56	75	75 884	2 904,174	24 852,363	8,557	8,089
57	76	73 935	2 669,396	21 948,189	8,222	7,754
58	77	71 810	2 445,922	19 278,792	7,882	7,414
59	78	69 529	2 234,191	16 832,870	7,534	7,066
60	79	67 016	2 031,555	14 598,679	7,186	6,718
61	80	64 273	1 838,103	12 567,124	6,837	6,369
62	81	61 259	1 652,752	10 729,021	6,492	6,024
63	82	57 945	1 474,839	9 076,269	6,154	5,686
64	83	54 369	1 305,488	7 601,430	5,823	5,355
65	84	50 554	1 145,189	6 295,942	5,498	5,030
66	85	46 531	994,392	5 150,753	5,180	4,712
67	86	42 275	852,301	4 156,361	4,877	4,409
68	87	37 895	720,751	3 304,060	4,584	4,116
69	88	33 454	600,257	2 583,309	4,304	3,836
70	89	29 008	491,026	1 983,052	4,039	3,571
71	90	24 688	394,242	1 492,025	3,785	3,317
72	91	20 528	309,264	1 097,783	3,550	3,082
73	92	16 640	236,491	788,519	3,334	2,866
74	93	13 131	176,061	552,028	3,135	2,667
75	94	10 064	127,302	375,967	2,953	2,485
76	95	7 487	89,346	248,665	2,783	2,315
77	96	5 387	60,641	159,320	2,627	2,159
78	97	3 691	39,204	98,679	2,517	2,049
79	98	2 470	24,747	59,476	2,403	1,935
80	99	1 611	15,227	34,729	2,281	1,813
81	100	1 008	8,987	19,502	2,170	1,702

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 490	99 489,956	1 684 493,365	16,931	16,463
1	21	99 117	93 506,810	1 585 003,409	16,951	16,483
2	22	99 073	88 175,046	1 491 496,599	16,915	16,447
3	23	99 042	83 157,479	1 403 321,553	16,875	16,408
4	24	99 013	78 427,788	1 320 164,075	16,833	16,365
5	25	98 985	73 967,285	1 241 736,286	16,788	16,320
6	26	98 956	69 760,175	1 167 769,001	16,740	16,272
7	27	98 929	65 793,119	1 098 008,825	16,689	16,221
8	28	98 899	62 050,279	1 032 215,706	16,635	16,167
9	29	98 867	58 519,200	970 165,427	16,579	16,111
10	30	98 833	55 188,091	911 646,227	16,519	16,051
11	31	98 794	52 043,601	856 458,137	16,457	15,989
12	32	98 756	49 078,522	804 414,535	16,390	15,922
13	33	98 715	46 281,442	755 336,014	16,320	15,853
14	34	98 670	43 641,820	709 054,572	16,247	15,779
15	35	98 617	41 149,230	665 412,752	16,171	15,703
16	36	98 560	38 797,826	624 263,522	16,090	15,622
17	37	98 491	36 575,887	585 465,697	16,007	15,539
18	38	98 417	34 479,699	548 889,810	15,919	15,451
19	39	98 320	32 495,939	514 410,111	15,830	15,362
20	40	98 222	30 625,933	481 914,172	15,735	15,268
21	41	98 112	28 860,110	451 288,239	15,637	15,169
22	42	97 999	27 195,339	422 428,129	15,533	15,065
23	43	97 877	25 623,985	395 232,790	15,424	14,956
24	44	97 748	24 141,729	369 608,805	15,310	14,842
25	45	97 607	22 742,306	345 467,076	15,191	14,723
26	46	97 452	21 420,900	322 724,769	15,066	14,598
27	47	97 289	20 174,531	301 303,869	14,935	14,467
28	48	97 110	18 997,718	281 129,339	14,798	14,330
29	49	96 909	17 885,130	262 131,621	14,656	14,188
30	50	96 689	16 834,483	244 246,491	14,509	14,041
31	51	96 455	15 843,257	227 412,007	14,354	13,886
32	52	96 189	14 905,258	211 568,750	14,194	13,726
33	53	95 904	14 019,864	196 663,492	14,027	13,560
34	54	95 588	13 182,674	182 643,628	13,855	13,387
35	55	95 238	12 391,017	169 460,954	13,676	13,208
36	56	94 853	11 642,353	157 069,937	13,491	13,023
37	57	94 433	10 934,659	145 427,585	13,300	12,832
38	58	93 970	10 265,167	134 492,926	13,102	12,634
39	59	93 461	9 631,705	124 227,758	12,898	12,430
40	60	92 918	9 033,676	114 596,053	12,685	12,217
41	61	92 313	8 466,879	105 562,377	12,468	12,000
42	62	91 666	7 931,612	97 095,498	12,242	11,774
43	63	90 972	7 426,036	89 163,886	12,007	11,539
44	64	90 219	6 947,700	81 737,850	11,765	11,297
45	65	89 384	6 493,758	74 790,150	11,517	11,049
46	66	88 498	6 065,455	68 296,392	11,260	10,792
47	67	87 531	5 659,629	62 230,937	10,996	10,528
48	68	86 496	5 276,121	56 571,308	10,722	10,254
49	69	85 364	4 912,301	51 295,187	10,442	9,974
50	70	84 126	4 567,089	46 382,886	10,156	9,688
51	71	82 790	4 240,149	41 815,797	9,862	9,394
52	72	81 354	3 930,726	37 575,648	9,559	9,092
53	73	79 817	3 638,173	33 644,922	9,248	8,780
54	74	78 138	3 360,036	30 006,749	8,930	8,463
55	75	76 336	3 096,735	26 646,712	8,605	8,137
56	76	74 425	2 848,323	23 549,978	8,268	7,800
57	77	72 340	2 611,828	20 701,654	7,926	7,458
58	78	70 101	2 387,718	18 089,826	7,576	7,108
59	79	67 621	2 172,867	15 702,108	7,226	6,758
60	80	64 911	1 967,734	13 529,241	6,876	6,408
61	81	61 929	1 771,083	11 561,507	6,528	6,060
62	82	58 645	1 582,223	9 790,424	6,188	5,720
63	83	55 083	1 402,013	8 208,201	5,855	5,387
64	84	51 285	1 231,452	6 806,188	5,527	5,059
65	85	47 260	1 070,565	5 574,736	5,207	4,739
66	86	42 989	918,695	4 504,171	4,903	4,435
67	87	38 590	777,997	3 585,477	4,609	4,141
68	88	34 108	648,715	2 807,480	4,328	3,860
69	89	29 633	531,707	2 158,764	4,060	3,592
70	90	25 251	427,430	1 627,058	3,807	3,339
71	91	21 047	336,101	1 199,628	3,569	3,101
72	92	17 087	257,421	863,527	3,355	2,887
73	93	13 520	192,148	606,106	3,154	2,686
74	94	10 387	139,269	413,958	2,972	2,504
75	95	7 748	98,001	274,689	2,803	2,335
76	96	5 595	66,761	176,688	2,647	2,179
77	97	3 848	43,319	109,927	2,538	2,070
78	98	2 588	27,481	66,608	2,424	1,956
79	99	1 697	16,998	39,127	2,302	1,834
80	100	1 068	10,096	22,129	2,192	1,724

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 472	99 471,563	1 681 312,141	16,902	16,434
1	22	99 101	93 491,391	1 581 840,578	16,920	16,452
2	23	99 057	88 160,690	1 488 349,187	16,882	16,414
3	24	99 024	83 142,513	1 400 188,497	16,841	16,373
4	25	98 995	78 413,676	1 317 045,984	16,796	16,328
5	26	98 966	73 953,215	1 238 632,307	16,749	16,281
6	27	98 938	69 747,047	1 164 679,092	16,699	16,231
7	28	98 907	65 778,962	1 094 932,046	16,646	16,178
8	29	98 875	62 035,657	1 029 153,084	16,590	16,122
9	30	98 841	58 504,057	967 117,427	16,531	16,063
10	31	98 802	55 170,589	908 613,370	16,469	16,001
11	32	98 763	52 027,260	853 442,781	16,404	15,936
12	33	98 722	49 061,706	801 415,521	16,335	15,867
13	34	98 679	46 264,765	752 353,815	16,262	15,794
14	35	98 630	43 624,102	706 089,050	16,186	15,718
15	36	98 576	41 132,271	662 464,949	16,106	15,638
16	37	98 515	38 780,037	621 332,678	16,022	15,554
17	38	98 444	36 558,525	582 552,641	15,935	15,467
18	39	98 357	34 458,899	545 994,116	15,845	15,377
19	40	98 261	32 476,404	511 535,217	15,751	15,283
20	41	98 154	30 604,933	479 058,812	15,653	15,185
21	42	98 039	28 838,746	448 453,879	15,550	15,082
22	43	97 922	27 173,752	419 615,133	15,442	14,974
23	44	97 788	25 600,717	392 441,381	15,329	14,861
24	45	97 653	24 118,297	366 840,664	15,210	14,742
25	46	97 495	22 716,102	342 722,366	15,087	14,619
26	47	97 333	21 394,820	320 006,264	14,957	14,489
27	48	97 155	20 146,885	298 611,445	14,822	14,354
28	49	96 956	18 967,435	278 464,559	14,681	14,213
29	50	96 739	17 853,866	259 497,125	14,535	14,067
30	51	96 510	16 803,286	241 643,259	14,381	13,913
31	52	96 249	15 809,310	224 839,973	14,222	13,754
32	53	95 965	14 870,484	209 030,663	14,057	13,589
33	54	95 658	13 983,866	194 160,179	13,885	13,417
34	55	95 312	13 144,593	180 176,313	13,707	13,239
35	56	94 929	12 350,802	167 031,720	13,524	13,056
36	57	94 514	11 600,709	154 680,918	13,334	12,866
37	58	94 062	10 891,750	143 080,209	13,137	12,669
38	59	93 561	10 220,520	132 188,460	12,934	12,466
39	60	93 021	9 586,375	121 967,940	12,723	12,255
40	61	92 428	8 986,014	112 381,564	12,506	12,038
41	62	91 788	8 418,738	103 395,550	12,282	11,814
42	63	91 104	7 882,956	94 976,812	12,048	11,580
43	64	90 358	7 375,919	87 093,856	11,808	11,340
44	65	89 545	6 895,782	79 717,937	11,560	11,092
45	66	88 672	6 442,000	72 822,155	11,304	10,836
46	67	87 723	6 012,308	66 380,156	11,041	10,573
47	68	86 701	5 605,963	60 367,847	10,769	10,301
48	69	85 591	5 220,903	54 761,884	10,489	10,021
49	70	84 377	4 855,541	49 540,981	10,203	9,735
50	71	83 067	4 509,549	44 685,440	9,909	9,441
51	72	81 656	4 182,052	40 175,891	9,607	9,139
52	73	80 149	3 872,498	35 993,839	9,295	8,827
53	74	78 506	3 578,448	32 121,341	8,976	8,508
54	75	76 743	3 300,083	28 542,893	8,649	8,181
55	76	74 867	3 037,180	25 242,810	8,311	7,843
56	77	72 820	2 786,896	22 205,630	7,968	7,500
57	78	70 619	2 549,676	19 418,733	7,616	7,148
58	79	68 177	2 322,180	16 869,057	7,264	6,796
59	80	65 496	2 104,608	14 546,878	6,912	6,444
60	81	62 544	1 895,988	12 442,270	6,562	6,094
61	82	59 287	1 695,504	10 546,282	6,220	5,752
62	83	55 749	1 504,094	8 850,778	5,884	5,416
63	84	51 960	1 322,503	7 346,684	5,555	5,087
64	85	47 943	1 151,207	6 024,181	5,233	4,765
65	86	43 662	989,069	4 872,975	4,927	4,459
66	87	39 241	838,603	3 883,906	4,631	4,163
67	88	34 733	700,240	3 045,303	4,349	3,881
68	89	30 213	574,631	2 345,063	4,081	3,613
69	90	25 795	462,841	1 770,433	3,825	3,357
70	91	21 527	364,394	1 307,592	3,588	3,120
71	92	17 519	279,759	943,198	3,371	2,903
72	93	13 883	209,154	663,439	3,172	2,704
73	94	10 694	151,994	454,285	2,989	2,521
74	95	7 996	107,214	302,291	2,820	2,352
75	96	5 789	73,229	195,077	2,664	2,196
76	97	3 996	47,691	121,848	2,555	2,087
77	98	2 697	30,366	74,157	2,442	1,974
78	99	1 777	18,876	43,792	2,320	1,852
79	100	1 125	11,270	24,916	2,211	1,743

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 455	99 455,160	1 677 933,638	16,871	16,403
1	23	99 085	93 476,170	1 578 478,478	16,886	16,418
2	24	99 040	88 144,824	1 485 002,308	16,847	16,379
3	25	99 006	83 127,553	1 396 857,484	16,804	16,336
4	26	98 977	78 398,760	1 313 729,931	16,757	16,289
5	27	98 947	73 939,297	1 235 331,171	16,707	16,239
6	28	98 916	69 732,038	1 161 391,874	16,655	16,187
7	29	98 884	65 763,461	1 091 659,835	16,600	16,132
8	30	98 850	62 019,604	1 025 896,374	16,541	16,074
9	31	98 810	58 485,504	963 876,770	16,481	16,013
10	32	98 771	55 153,265	905 391,266	16,416	15,948
11	33	98 729	52 009,433	850 238,001	16,348	15,880
12	34	98 686	49 044,027	798 228,567	16,276	15,808
13	35	98 639	46 245,982	749 184,540	16,200	15,732
14	36	98 589	43 606,123	702 938,558	16,120	15,652
15	37	98 531	41 113,412	659 332,435	16,037	15,569
16	38	98 468	38 761,629	618 219,023	15,949	15,481
17	39	98 384	36 536,471	579 457,394	15,860	15,392
18	40	98 298	34 438,184	542 920,922	15,765	15,297
19	41	98 193	32 454,135	508 482,738	15,668	15,200
20	42	98 082	30 582,278	476 028,603	15,566	15,098
21	43	97 961	28 815,855	445 446,326	15,458	14,990
22	44	97 833	27 149,077	416 630,470	15,346	14,878
23	45	97 693	25 575,870	389 481,394	15,228	14,761
24	46	97 541	24 090,508	363 905,524	15,106	14,638
25	47	97 376	22 688,445	339 815,017	14,977	14,509
26	48	97 200	21 365,502	317 126,572	14,843	14,375
27	49	97 000	20 114,770	295 761,070	14,704	14,236
28	50	96 786	18 934,278	275 646,299	14,558	14,090
29	51	96 560	17 820,779	256 712,021	14,405	13,937
30	52	96 303	16 767,281	238 891,242	14,247	13,779
31	53	96 024	15 772,427	222 123,961	14,083	13,615
32	54	95 719	14 832,302	206 351,534	13,912	13,444
33	55	95 382	13 943,471	191 519,232	13,735	13,267
34	56	95 002	13 101,933	177 575,761	13,553	13,085
35	57	94 590	12 306,624	164 473,828	13,365	12,897
36	58	94 143	11 555,186	152 167,204	13,169	12,701
37	59	93 653	10 844,377	140 612,018	12,966	12,498
38	60	93 121	10 172,419	129 767,641	12,757	12,289
39	61	92 531	9 535,798	119 595,223	12,542	12,074
40	62	91 902	8 934,921	110 059,425	12,318	11,850
41	63	91 225	8 367,093	101 124,504	12,086	11,618
42	64	90 489	7 829,755	92 757,410	11,847	11,379
43	65	89 683	7 320,801	84 927,656	11,601	11,133
44	66	88 831	6 840,820	77 606,855	11,345	10,877
45	67	87 895	6 385,554	70 766,035	11,082	10,614
46	68	86 891	5 955,298	64 380,481	10,811	10,343
47	69	85 794	5 547,293	58 425,183	10,532	10,064
48	70	84 602	5 160,578	52 877,890	10,247	9,779
49	71	83 314	4 794,367	47 717,312	9,953	9,485
50	72	81 928	4 447,760	42 922,945	9,650	9,182
51	73	80 446	4 120,101	38 475,184	9,338	8,870
52	74	78 833	3 808,927	34 355,084	9,020	8,552
53	75	77 106	3 514,597	30 546,157	8,691	8,223
54	76	75 268	3 236,618	27 031,560	8,352	7,884
55	77	73 253	2 971,680	23 794,942	8,007	7,539
56	78	71 087	2 720,578	20 823,262	7,654	7,186
57	79	68 680	2 479,692	18 102,684	7,300	6,832
58	80	66 035	2 249,230	15 622,991	6,946	6,478
59	81	63 108	2 027,870	13 373,762	6,595	6,127
60	82	59 875	1 815,079	11 345,891	6,251	5,783
61	83	56 359	1 611,782	9 530,812	5,913	5,445
62	84	52 588	1 418,795	7 919,031	5,582	5,114
63	85	48 574	1 236,324	6 500,236	5,258	4,790
64	86	44 294	1 063,571	5 263,912	4,949	4,481
65	87	39 856	902,842	4 200,340	4,652	4,184
66	88	35 319	754,788	3 297,498	4,369	3,901
67	89	30 766	620,271	2 542,710	4,099	3,631
68	90	26 299	500,206	1 922,439	3,843	3,375
69	91	21 991	394,583	1 422,234	3,604	3,136
70	92	17 918	303,309	1 027,650	3,388	2,920
71	93	14 234	227,304	724,341	3,187	2,719
72	94	10 982	165,446	497,038	3,004	2,536
73	95	8 233	117,011	331,592	2,834	2,366
74	96	5 975	80,113	214,581	2,678	2,211
75	97	4 136	52,311	134,468	2,571	2,103
76	98	2 801	33,430	82,158	2,458	1,990
77	99	1 853	20,858	48,727	2,336	1,868
78	100	1 178	12,516	27,870	2,227	1,759

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 439	99 438,968	1 674 344,233	16,838	16,370
1	24	99 067	93 459,347	1 574 905,265	16,851	16,383
2	25	99 022	88 128,964	1 481 445,918	16,810	16,342
3	26	98 987	83 111,740	1 393 316,954	16,764	16,296
4	27	98 958	78 384,006	1 310 205,214	16,715	16,247
5	28	98 926	73 923,387	1 231 821,209	16,663	16,196
6	29	98 893	69 715,607	1 157 897,822	16,609	16,141
7	30	98 858	65 746,444	1 088 182,215	16,551	16,083
8	31	98 818	61 999,936	1 022 435,772	16,491	16,023
9	32	98 779	58 467,139	960 435,836	16,427	15,959
10	33	98 737	55 134,368	901 968,696	16,359	15,891
11	34	98 694	51 990,693	846 834,328	16,288	15,820
12	35	98 646	49 024,116	794 843,635	16,213	15,745
13	36	98 599	46 226,923	745 819,520	16,134	15,666
14	37	98 544	43 586,129	699 592,597	16,051	15,583
15	38	98 484	41 093,897	656 006,467	15,964	15,496
16	39	98 409	38 738,246	614 912,571	15,874	15,406
17	40	98 325	36 514,508	576 174,324	15,779	15,311
18	41	98 231	34 414,570	539 659,817	15,681	15,213
19	42	98 121	32 430,111	505 245,247	15,580	15,112
20	43	98 004	30 558,003	472 815,136	15,473	15,005
21	44	97 872	28 789,689	442 257,134	15,362	14,894
22	45	97 738	27 122,726	413 467,445	15,244	14,776
23	46	97 581	25 546,400	386 344,719	15,123	14,655
24	47	97 422	24 061,177	360 798,318	14,995	14,527
25	48	97 242	22 657,355	336 737,141	14,862	14,394
26	49	97 045	21 331,445	314 079,787	14,724	14,256
27	50	96 831	20 079,608	292 748,342	14,579	14,111
28	51	96 607	18 899,189	272 668,734	14,428	13,960
29	52	96 353	17 782,595	253 769,545	14,271	13,803
30	53	96 078	16 728,164	235 986,950	14,107	13,639
31	54	95 778	15 731,929	219 258,786	13,937	13,469
32	55	95 442	14 789,456	203 526,858	13,762	13,294
33	56	95 072	13 898,218	188 737,402	13,580	13,112
34	57	94 663	13 055,068	174 839,184	13,392	12,924
35	58	94 219	12 258,331	161 784,116	13,198	12,730
36	59	93 734	11 504,928	149 525,785	12,997	12,529
37	60	93 212	10 793,339	138 020,857	12,788	12,320
38	61	92 630	10 118,749	127 227,518	12,573	12,105
39	62	92 005	9 481,578	117 108,768	12,351	11,883
40	63	91 338	8 880,110	107 627,190	12,120	11,652
41	64	90 610	8 310,625	98 747,080	11,882	11,414
42	65	89 813	7 771,246	90 436,455	11,637	11,169
43	66	88 968	7 262,451	82 665,209	11,383	10,915
44	67	88 053	6 780,879	75 402,758	11,120	10,652
45	68	87 061	6 325,005	68 621,879	10,849	10,381
46	69	85 981	5 892,972	62 296,874	10,571	10,103
47	70	84 803	5 483,196	56 403,902	10,287	9,819
48	71	83 536	5 095,561	50 920,706	9,993	9,525
49	72	82 173	4 728,676	45 825,145	9,691	9,223
50	73	80 715	4 381,873	41 096,469	9,379	8,911
51	74	79 126	4 052,464	36 714,596	9,060	8,592
52	75	77 426	3 740,963	32 662,132	8,731	8,263
53	76	75 623	3 447,007	28 921,168	8,390	7,922
54	77	73 644	3 166,817	25 474,162	8,044	7,576
55	78	71 510	2 900,965	22 307,345	7,690	7,222
56	79	69 136	2 645,904	19 406,380	7,335	6,867
57	80	66 523	2 401,794	16 760,476	6,978	6,510
58	81	63 627	2 167,219	14 358,682	6,625	6,157
59	82	60 415	1 941,333	12 191,463	6,280	5,812
60	83	56 919	1 725,452	10 250,129	5,941	5,473
61	84	53 163	1 520,375	8 524,677	5,607	5,139
62	85	49 161	1 326,342	7 004,302	5,281	4,813
63	86	44 876	1 142,209	5 677,960	4,971	4,503
64	87	40 432	970,849	4 535,751	4,672	4,204
65	88	35 873	812,607	3 564,902	4,387	3,919
66	89	31 286	668,590	2 752,295	4,117	3,649
67	90	26 781	539,935	2 083,705	3,859	3,391
68	91	22 421	426,437	1 543,770	3,620	3,152
69	92	18 304	328,437	1 117,333	3,402	2,934
70	93	14 559	246,438	788,895	3,201	2,733
71	94	11 259	179,803	542,457	3,017	2,549
72	95	8 454	127,366	362,654	2,847	2,379
73	96	6 152	87,433	235,288	2,691	2,223
74	97	4 268	57,228	147,855	2,584	2,116
75	98	2 899	36,669	90,627	2,471	2,004
76	99	1 924	22,963	53,958	2,350	1,882
77	100	1 228	13,829	30,995	2,241	1,773

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 421	99 421,072	1 670 531,402	16,803	16,335
1	25	99 049	93 442,530	1 571 110,330	16,814	16,346
2	26	99 003	88 112,200	1 477 667,799	16,770	16,302
3	27	98 969	83 096,099	1 389 555,600	16,722	16,254
4	28	98 937	78 367,139	1 306 459,501	16,671	16,203
5	29	98 903	73 905,967	1 228 092,362	16,617	16,149
6	30	98 867	69 697,566	1 154 186,395	16,560	16,092
7	31	98 827	65 725,594	1 084 488,828	16,500	16,032
8	32	98 787	61 980,468	1 018 763,235	16,437	15,969
9	33	98 745	58 447,107	956 782,767	16,370	15,902
10	34	98 702	55 114,501	898 335,660	16,299	15,831
11	35	98 654	51 969,585	843 221,159	16,225	15,757
12	36	98 605	49 003,911	791 251,574	16,147	15,679
13	37	98 554	46 205,728	742 247,662	16,064	15,596
14	38	98 497	43 565,441	696 041,935	15,977	15,509
15	39	98 425	41 069,107	652 476,494	15,887	15,419
16	40	98 350	38 714,959	611 407,387	15,793	15,325
17	41	98 258	36 489,470	572 692,428	15,695	15,227
18	42	98 158	34 389,094	536 202,958	15,592	15,124
19	43	98 043	32 404,369	501 813,864	15,486	15,018
20	44	97 915	30 530,254	469 409,495	15,375	14,907
21	45	97 777	28 761,746	438 879,241	15,259	14,791
22	46	97 625	27 091,475	410 117,495	15,138	14,670
23	47	97 462	25 515,297	383 026,021	15,012	14,544
24	48	97 289	24 028,206	357 510,724	14,879	14,411
25	49	97 087	22 621,238	333 482,518	14,742	14,274
26	50	96 875	21 294,156	310 861,280	14,598	14,130
27	51	96 651	20 042,397	289 567,124	14,448	13,980
28	52	96 400	18 858,694	269 524,728	14,292	13,824
29	53	96 128	17 741,108	250 666,034	14,129	13,661
30	54	95 831	16 685,211	232 924,925	13,960	13,492
31	55	95 501	15 686,484	216 239,714	13,785	13,317
32	56	95 132	14 741,457	200 553,230	13,605	13,137
33	57	94 732	13 848,505	185 811,773	13,417	12,949
34	58	94 291	13 003,838	171 963,268	13,224	12,756
35	59	93 809	12 205,015	158 959,430	13,024	12,556
36	60	93 292	11 450,781	146 754,415	12,816	12,348
37	61	92 720	10 736,394	135 303,634	12,602	12,134
38	62	92 103	10 061,215	124 567,240	12,381	11,913
39	63	91 440	9 423,414	114 506,024	12,151	11,683
40	64	90 722	8 820,179	105 082,610	11,914	11,446
41	65	89 932	8 248,522	96 262,431	11,670	11,202
42	66	89 097	7 709,305	88 013,909	11,417	10,949
43	67	88 189	7 198,817	80 304,603	11,155	10,687
44	68	87 218	6 716,582	73 105,787	10,884	10,416
45	69	86 150	6 258,810	66 389,205	10,607	10,139
46	70	84 988	5 824,881	60 130,396	10,323	9,855
47	71	83 734	5 414,114	54 305,514	10,030	9,562
48	72	82 391	5 025,742	48 891,400	9,728	9,260
49	73	80 955	4 658,627	43 865,657	9,416	8,948
50	74	79 390	4 309,939	39 207,030	9,097	8,629
51	75	77 714	3 980,156	34 897,091	8,768	8,300
52	76	75 937	3 669,019	30 916,935	8,426	7,959
53	77	73 992	3 372,669	27 247,916	8,079	7,611
54	78	71 892	3 091,458	23 875,247	7,723	7,255
55	79	69 547	2 821,339	20 783,789	7,367	6,899
56	80	66 964	2 562,784	17 962,450	7,009	6,541
57	81	64 097	2 314,221	15 399,666	6,654	6,186
58	82	60 912	2 074,736	13 085,445	6,307	5,839
59	83	57 432	1 845,472	11 010,709	5,966	5,498
60	84	53 691	1 627,599	9 165,237	5,631	5,163
61	85	49 699	1 421,303	7 537,638	5,303	4,835
62	86	45 418	1 225,374	6 116,335	4,991	4,523
63	87	40 964	1 042,632	4 890,960	4,691	4,223
64	88	36 391	873,817	3 848,329	4,404	3,936
65	89	31 776	719,805	2 974,511	4,132	3,664
66	90	27 234	581,995	2 254,706	3,874	3,406
67	91	22 832	460,307	1 672,710	3,634	3,166
68	92	18 662	354,952	1 212,403	3,416	2,948
69	93	14 872	266,855	857,451	3,213	2,745
70	94	11 516	194,939	590,597	3,030	2,562
71	95	8 668	138,419	395,658	2,858	2,390
72	96	6 317	95,171	257,239	2,703	2,235
73	97	4 395	62,457	162,068	2,595	2,127
74	98	2 992	40,116	99,611	2,483	2,015
75	99	1 991	25,187	59,495	2,362	1,894
76	100	1 276	15,225	34,308	2,253	1,785

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 403	99 403,183	1 666 483,939	16,765	16,297
1	26	99 030	93 424,755	1 567 080,756	16,774	16,306
2	27	98 984	88 095,617	1 473 656,001	16,728	16,260
3	28	98 947	83 078,218	1 385 560,383	16,678	16,210
4	29	98 913	78 348,672	1 302 482,166	16,624	16,156
5	30	98 877	73 886,843	1 224 133,494	16,568	16,100
6	31	98 836	69 675,463	1 150 246,651	16,509	16,041
7	32	98 796	65 704,956	1 080 571,188	16,446	15,978
8	33	98 754	61 959,232	1 014 866,232	16,380	15,912
9	34	98 710	58 426,046	952 907,000	16,310	15,842
10	35	98 662	55 092,125	894 480,954	16,236	15,768
11	36	98 613	51 948,167	839 388,829	16,158	15,690
12	37	98 560	48 981,443	787 440,662	16,076	15,608
13	38	98 507	46 183,795	738 459,219	15,990	15,522
14	39	98 438	43 539,160	692 275,423	15,900	15,432
15	40	98 365	41 044,418	648 736,263	15,806	15,338
16	41	98 282	38 688,412	607 691,845	15,707	15,239
17	42	98 185	36 462,458	569 003,433	15,605	15,137
18	43	98 080	34 361,798	532 540,975	15,498	15,030
19	44	97 954	32 374,944	498 179,177	15,388	14,920
20	45	97 820	30 500,622	465 804,234	15,272	14,804
21	46	97 665	28 728,606	435 303,612	15,152	14,684
22	47	97 506	27 058,490	406 575,006	15,026	14,558
23	48	97 328	25 480,333	379 516,516	14,894	14,427
24	49	97 134	23 989,904	354 036,182	14,758	14,290
25	50	96 918	22 581,694	330 046,278	14,616	14,148
26	51	96 696	21 254,693	307 464,584	14,466	13,998
27	52	96 444	19 999,452	286 209,891	14,311	13,843
28	53	96 175	18 814,697	266 210,439	14,149	13,681
29	54	95 881	17 695,555	247 395,742	13,981	13,513
30	55	95 555	16 637,013	229 700,187	13,807	13,339
31	56	95 191	15 635,574	213 063,174	13,627	13,159
32	57	94 792	14 688,728	197 427,600	13,441	12,973
33	58	94 360	13 794,161	182 738,872	13,248	12,780
34	59	93 881	12 947,279	168 944,711	13,049	12,581
35	60	93 367	12 147,574	155 997,432	12,842	12,374
36	61	92 800	11 390,367	143 849,858	12,629	12,161
37	62	92 193	10 675,348	132 459,491	12,408	11,940
38	63	91 538	9 999,495	121 784,142	12,179	11,711
39	64	90 823	9 359,817	111 784,647	11,943	11,475
40	65	90 044	8 754,269	102 424,830	11,700	11,232
41	66	89 216	8 182,778	93 670,561	11,447	10,979
42	67	88 316	7 641,756	85 487,783	11,187	10,719
43	68	87 353	7 130,556	77 846,028	10,917	10,449
44	69	86 305	6 646,288	70 715,472	10,640	10,172
45	70	85 155	6 186,492	64 069,184	10,356	9,888
46	71	83 917	5 751,495	57 882,692	10,064	9,596
47	72	82 587	5 339,931	52 131,198	9,763	9,295
48	73	81 171	4 951,293	46 791,266	9,450	8,982
49	74	79 626	4 582,151	41 839,973	9,131	8,663
50	75	77 973	4 233,036	37 257,823	8,802	8,334
51	76	76 219	3 903,612	33 024,786	8,460	7,992
52	77	74 300	3 589,894	29 121,174	8,112	7,644
53	78	72 231	3 292,411	25 531,281	7,755	7,287
54	79	69 919	3 006,603	22 238,870	7,397	6,929
55	80	67 362	2 732,708	19 232,266	7,038	6,570
56	81	64 522	2 469,341	16 499,558	6,682	6,214
57	82	61 362	2 215,464	14 030,217	6,333	5,865
58	83	57 904	1 972,288	11 814,753	5,990	5,522
59	84	54 175	1 740,813	9 842,465	5,654	5,186
60	85	50 192	1 521,540	8 101,652	5,325	4,857
61	86	45 915	1 313,107	6 580,112	5,011	4,543
62	87	41 459	1 118,546	5 267,006	4,709	4,241
63	88	36 870	938,425	4 148,459	4,421	3,953
64	89	32 235	774,026	3 210,034	4,147	3,679
65	90	27 660	626,578	2 436,009	3,888	3,420
66	91	23 217	496,165	1 809,431	3,647	3,179
67	92	19 004	383,144	1 313,266	3,428	2,960
68	93	15 163	288,398	930,122	3,225	2,757
69	94	11 764	211,089	641,724	3,040	2,572
70	95	8 866	150,071	430,635	2,870	2,402
71	96	6 477	103,430	280,565	2,713	2,245
72	97	4 513	67,985	177,135	2,605	2,138
73	98	3 080	43,782	109,150	2,493	2,025
74	99	2 055	27,555	65,368	2,372	1,904
75	100	1 320	16,700	37,813	2,264	1,796

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1	0	99 644	94 003,560	1 620 179,560	17,235	16,767
2	1	99 317	88 391,643	1 526 176,000	17,266	16,798
3	2	99 277	83 354,652	1 437 784,357	17,249	16,781
4	3	99 254	78 618,130	1 354 429,705	17,228	16,760
5	4	99 233	74 152,498	1 275 811,575	17,205	16,737
6	5	99 213	69 941,466	1 201 659,077	17,181	16,713
7	6	99 195	65 970,640	1 131 717,611	17,155	16,687
8	7	99 178	62 225,587	1 065 746,971	17,127	16,659
9	8	99 165	58 695,637	1 003 521,384	17,097	16,629
10	9	99 150	55 364,953	944 825,747	17,065	16,597
11	10	99 136	52 223,755	889 460,794	17,032	16,564
12	11	99 123	49 260,998	837 237,039	16,996	16,528
13	12	99 108	46 465,847	787 976,041	16,958	16,490
14	13	99 091	43 828,060	741 510,194	16,919	16,451
15	14	99 068	41 337,722	697 682,134	16,878	16,410
16	15	99 043	38 988,021	656 344,412	16,835	16,367
17	16	99 007	36 767,576	617 356,390	16,791	16,323
18	17	98 965	34 671,756	580 588,814	16,745	16,277
19	18	98 914	32 692,219	545 917,058	16,699	16,231
20	19	98 855	30 823,377	513 224,840	16,651	16,183
21	20	98 795	29 061,020	482 401,463	16,600	16,132
22	21	98 736	27 399,879	453 340,443	16,545	16,077
23	22	98 675	25 832,955	425 940,564	16,488	16,020
24	23	98 619	24 356,766	400 107,608	16,427	15,959
25	24	98 554	22 963,036	375 750,842	16,363	15,895
26	25	98 493	21 649,859	352 787,806	16,295	15,827
27	26	98 430	20 411,140	331 137,947	16,223	15,755
28	27	98 366	19 243,277	310 726,808	16,147	15,679
29	28	98 297	18 141,328	291 483,531	16,067	15,599
30	29	98 222	17 101,502	273 342,202	15,984	15,516
31	30	98 142	16 120,263	256 240,700	15,896	15,428
32	31	98 050	15 193,609	240 120,438	15,804	15,336
33	32	97 957	14 320,008	224 926,828	15,707	15,239
34	33	97 852	13 494,932	210 606,820	15,606	15,138
35	34	97 742	12 716,687	197 111,889	15,500	15,032
36	35	97 623	11 982,383	184 395,202	15,389	14,921
37	36	97 499	11 289,765	172 412,819	15,272	14,804
38	37	97 359	10 635,407	161 123,055	15,150	14,682
39	38	97 209	10 017,933	150 487,648	15,022	14,554
40	39	97 042	9 434,657	140 469,715	14,889	14,421
41	40	96 864	8 884,259	131 035,058	14,749	14,281
42	41	96 668	8 364,458	122 150,799	14,604	14,136
43	42	96 458	7 873,796	113 786,341	14,451	13,983
44	43	96 233	7 410,785	105 912,544	14,292	13,824
45	44	95 972	6 972,399	98 501,759	14,127	13,659
46	45	95 691	6 558,480	91 529,360	13,956	13,488
47	46	95 373	6 166,648	84 970,880	13,779	13,311
48	47	95 031	5 796,751	78 804,232	13,595	13,127
49	48	94 649	5 446,637	73 007,480	13,404	12,936
50	49	94 217	5 114,903	67 560,843	13,209	12,741
51	50	93 740	4 800,933	62 445,940	13,007	12,539
52	51	93 220	4 504,053	57 645,007	12,798	12,331
53	52	92 635	4 222,445	53 140,954	12,585	12,117
54	53	91 985	3 955,477	48 918,509	12,367	11,899
55	54	91 261	3 702,214	44 963,032	12,145	11,677
56	55	90 459	3 461,974	41 260,818	11,918	11,450
57	56	89 572	3 233,969	37 798,844	11,688	11,220
58	57	88 597	3 017,711	34 564,875	11,454	10,986
59	58	87 529	2 812,596	31 547,164	11,216	10,748
60	59	86 370	2 618,241	28 734,568	10,975	10,507
61	60	85 118	2 434,245	26 116,326	10,729	10,261
62	61	83 753	2 259,622	23 682,081	10,481	10,013
63	62	82 282	2 094,287	21 422,460	10,229	9,761
64	63	80 716	1 938,138	19 328,173	9,973	9,505
65	64	79 029	1 790,209	17 390,034	9,714	9,246
66	65	77 229	1 650,406	15 599,826	9,452	8,984
67	66	75 341	1 518,928	13 949,420	9,184	8,716
68	67	73 337	1 394,833	12 430,492	8,912	8,444
69	68	71 248	1 278,404	11 035,659	8,632	8,164
70	69	69 015	1 168,239	9 757,255	8,352	7,884
71	70	66 696	1 065,081	8 589,016	8,064	7,596
72	71	64 233	967,689	7 523,935	7,775	7,307
73	72	61 694	876,829	6 556,246	7,477	7,009
74	73	59 033	791,517	5 679,417	7,175	6,707
75	74	56 259	711,625	4 887,900	6,869	6,401
76	75	53 397	637,197	4 176,274	6,554	6,086
77	76	50 424	567,653	3 539,077	6,235	5,767
78	77	47 328	502,649	2 971,425	5,912	5,444
79	78	44 101	441,864	2 468,776	5,587	5,119
80	79	40 726	384,951	2 026,912	5,265	4,797
81	80	37 221	331,906	1 641,960	4,947	4,479
82	81	33 550	282,233	1 310,054	4,642	4,174
83	82	29 784	236,376	1 027,821	4,348	3,880
84	83	26 007	194,716	791,446	4,065	3,597
85	84	22 275	157,336	596,730	3,793	3,325
86	85	18 644	124,233	439,394	3,537	3,069
87	86	15 197	95,534	315,161	3,299	2,831
88	87	12 040	71,401	219,628	3,076	2,608
89	88	9 225	51,612	148,227	2,872	2,404
90	89	6 822	36,008	96,615	2,683	2,215
91	90	4 860	24,202	60,607	2,504	2,036
92	91	3 319	15,590	36,405	2,335	1,867
93	92	2 140	9,483	20,816	2,195	1,727
94	93	1 315	5,499	11,333	2,061	1,593
95	94	760	2,996	5,834	1,947	1,479
96	95	415	1,544	2,838	1,838	1,370
97	96	210	0,738	1,294	1,754	1,286
98	97	100	0,330	0,556	1,686	1,218
99	98	45	0,139	0,226	1,622	1,154
100	99	19	0,056	0,087	1,558	1,090

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2	0	99 616	88 658,091	1 527 132,981	17,225	16,757
3	1	99 301	83 375,324	1 438 474,891	17,253	16,785
4	2	99 266	78 627,898	1 355 099,566	17,234	16,766
5	3	99 243	74 160,146	1 276 471,668	17,212	16,744
6	4	99 223	69 948,159	1 202 311,523	17,189	16,721
7	5	99 204	65 976,517	1 132 363,363	17,163	16,695
8	6	99 187	62 231,092	1 066 386,846	17,136	16,668
9	7	99 170	58 698,364	1 004 155,755	17,107	16,639
10	8	99 157	55 368,812	945 457,391	17,076	16,608
11	9	99 142	52 226,949	890 088,580	17,043	16,575
12	10	99 129	49 263,880	837 861,630	17,008	16,540
13	11	99 116	46 469,441	788 597,750	16,970	16,502
14	12	99 099	43 831,502	742 128,309	16,931	16,463
15	13	99 078	41 341,617	698 296,808	16,891	16,423
16	14	99 052	38 991,617	656 955,190	16,849	16,381
17	15	99 019	36 772,050	617 963,574	16,805	16,337
18	16	98 980	34 676,862	581 191,524	16,760	16,292
19	17	98 927	32 696,671	546 514,662	16,715	16,247
20	18	98 874	30 829,451	513 817,991	16,666	16,198
21	19	98 812	29 066,100	482 988,540	16,617	16,149
22	20	98 755	27 404,946	453 922,440	16,564	16,096
23	21	98 692	25 837,216	426 517,494	16,508	16,040
24	22	98 635	24 360,732	400 680,278	16,448	15,980
25	23	98 572	22 967,170	376 319,546	16,385	15,917
26	24	98 511	21 653,755	353 352,377	16,318	15,850
27	25	98 448	20 415,023	331 698,621	16,248	15,780
28	26	98 384	19 246,899	311 283,598	16,173	15,705
29	27	98 318	18 145,233	292 036,699	16,094	15,626
30	28	98 245	17 105,533	273 891,466	16,012	15,544
31	29	98 167	16 124,435	256 785,934	15,925	15,457
32	30	98 081	15 198,429	240 661,498	15,835	15,367
33	31	97 988	14 324,506	225 463,069	15,740	15,272
34	32	97 886	13 499,557	211 138,563	15,640	15,172
35	33	97 777	12 721,271	197 639,006	15,536	15,068
36	34	97 663	11 987,250	184 917,736	15,426	14,958
37	35	97 540	11 294,419	172 930,486	15,311	14,843
38	36	97 404	10 640,285	161 636,067	15,191	14,723
39	37	97 255	10 022,690	150 995,782	15,065	14,597
40	38	97 101	9 440,352	140 973,091	14,933	14,465
41	39	96 922	8 889,603	131 532,739	14,796	14,328
42	40	96 735	8 370,198	122 643,136	14,652	14,184
43	41	96 529	7 879,629	114 272,939	14,502	14,034
44	42	96 309	7 416,672	106 393,309	14,345	13,877
45	43	96 060	6 978,737	98 976,637	14,183	13,715
46	44	95 784	6 564,851	91 997,900	14,014	13,546
47	45	95 483	6 173,762	85 433,049	13,838	13,370
48	46	95 147	5 803,817	79 259,287	13,656	13,188
49	47	94 779	5 454,111	73 455,470	13,468	13,000
50	48	94 368	5 123,070	68 001,359	13,274	12,806
51	49	93 904	4 809,340	62 878,289	13,074	12,606
52	50	93 393	4 512,415	58 068,949	12,869	12,401
53	51	92 834	4 231,512	53 556,534	12,657	12,189
54	52	92 200	3 964,727	49 325,022	12,441	11,973
55	53	91 496	3 711,744	45 360,295	12,221	11,753
56	54	90 721	3 472,004	41 648,551	11,996	11,528
57	55	89 863	3 244,499	38 176,547	11,767	11,299
58	56	88 915	3 028,544	34 932,048	11,534	11,066
59	57	87 874	2 823,677	31 903,504	11,299	10,831
60	58	86 747	2 629,679	29 079,827	11,058	10,590
61	59	85 521	2 445,755	26 450,148	10,815	10,347
62	60	84 197	2 271,606	24 004,393	10,567	10,099
63	61	82 753	2 106,263	21 732,786	10,318	9,850
64	62	81 214	1 950,101	19 626,523	10,064	9,596
65	63	79 566	1 802,373	17 676,422	9,807	9,339
66	64	77 810	1 662,832	15 874,049	9,546	9,078
67	65	75 946	1 531,131	14 211,218	9,282	8,814
68	66	73 985	1 407,163	12 680,086	9,011	8,543
69	67	71 930	1 290,642	11 272,923	8,734	8,266
70	68	69 745	1 180,594	9 982,282	8,455	7,987
71	69	67 476	1 077,532	8 801,687	8,168	7,700
72	70	65 053	980,036	7 724,155	7,882	7,414
73	71	62 551	889,010	6 744,119	7,586	7,118
74	72	59 921	803,419	5 855,109	7,288	6,820
75	73	57 198	723,503	5 051,690	6,982	6,514
76	74	54 367	648,773	4 328,188	6,671	6,203
77	75	51 412	578,783	3 679,415	6,357	5,889
78	76	48 372	513,728	3 100,631	6,036	5,568
79	77	45 176	452,636	2 586,903	5,715	5,247
80	78	41 876	395,816	2 134,268	5,392	4,924
81	79	38 428	342,671	1 738,452	5,073	4,605
82	80	34 819	292,913	1 395,781	4,765	4,297
83	81	31 112	246,912	1 102,868	4,467	3,999
84	82	27 358	204,830	855,956	4,179	3,711
85	83	23 615	166,795	651,126	3,904	3,436
86	84	19 944	132,892	484,331	3,645	3,177
87	85	16 450	103,405	351,438	3,399	2,931
88	86	13 190	78,220	248,033	3,171	2,703
89	87	10 249	57,343	169,813	2,961	2,493
90	88	7 702	40,651	112,470	2,767	2,299
91	89	5 584	27,802	71,820	2,583	2,115
92	90	3 893	18,286	44,017	2,407	1,939
93	91	2 571	11,392	25,731	2,259	1,791
94	92	1 619	6,768	14,338	2,118	1,650
95	93	960	3,787	7,570	1,999	1,531
96	94	539	2,006	3,783	1,886	1,418
97	95	281	0,987	1,777	1,799	1,332
98	96	139	0,462	0,789	1,710	1,242
99	97	64	0,199	0,328	1,647	1,179
100	98	27	0,081	0,129	1,589	1,121

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3	0	99 601	83 626,651	1 439 359,790	17,212	16,744
4	1	99 291	78 647,398	1 355 733,139	17,238	16,770
5	2	99 255	74 169,360	1 277 085,741	17,219	16,751
6	3	99 233	69 955,374	1 202 916,381	17,195	16,728
7	4	99 214	65 982,831	1 132 961,008	17,171	16,703
8	5	99 196	62 236,636	1 066 978,177	17,144	16,676
9	6	99 178	58 703,556	1 004 741,541	17,116	16,648
10	7	99 162	55 371,384	946 037,985	17,085	16,617
11	8	99 149	52 230,589	890 666,601	17,053	16,585
12	9	99 135	49 266,894	838 436,012	17,018	16,550
13	10	99 122	46 472,159	789 169,118	16,982	16,514
14	11	99 106	43 834,892	742 696,959	16,943	16,475
15	12	99 085	41 344,864	698 862,068	16,903	16,435
16	13	99 062	38 995,291	657 517,204	16,861	16,393
17	14	99 028	36 775,441	618 521,913	16,819	16,351
18	15	98 992	34 681,082	581 746,472	16,774	16,306
19	16	98 942	32 701,486	547 065,391	16,729	16,261
20	17	98 888	30 833,649	514 363,905	16,682	16,214
21	18	98 832	29 071,828	483 530,256	16,632	16,164
22	19	98 772	27 409,737	454 458,428	16,580	16,112
23	20	98 710	25 841,994	427 048,691	16,525	16,057
24	21	98 651	24 364,750	401 206,697	16,467	15,999
25	22	98 588	22 970,909	376 841,948	16,405	15,937
26	23	98 529	21 657,653	353 871,038	16,339	15,871
27	24	98 466	20 418,697	332 213,386	16,270	15,802
28	25	98 403	19 250,561	311 794,688	16,197	15,729
29	26	98 336	18 148,648	292 544,127	16,119	15,651
30	27	98 267	17 109,214	274 395,479	16,038	15,570
31	28	98 190	16 128,236	257 286,265	15,953	15,485
32	29	98 107	15 202,363	241 158,029	15,863	15,395
33	30	98 019	14 329,050	225 955,666	15,769	15,301
34	31	97 916	13 503,797	211 626,616	15,672	15,204
35	32	97 810	12 725,631	198 122,819	15,569	15,101
36	33	97 698	11 991,571	185 397,188	15,461	14,993
37	34	97 579	11 299,007	173 405,617	15,347	14,879
38	35	97 444	10 644,672	162 106,611	15,229	14,761
39	36	97 300	10 027,288	151 461,938	15,105	14,637
40	37	97 147	9 444,835	141 434,651	14,975	14,507
41	38	96 981	8 894,969	131 989,816	14,839	14,371
42	39	96 793	8 375,232	123 094,846	14,697	14,230
43	40	96 595	7 885,036	114 719,614	14,549	14,081
44	41	96 380	7 422,167	106 834,578	14,394	13,926
45	42	96 136	6 984,280	99 412,411	14,234	13,766
46	43	95 871	6 570,818	92 428,131	14,066	13,598
47	44	95 576	6 179,760	85 857,313	13,893	13,425
48	45	95 257	5 810,512	79 677,553	13,713	13,245
49	46	94 894	5 460,760	73 867,041	13,527	13,059
50	47	94 497	5 130,100	68 406,281	13,334	12,866
51	48	94 054	4 817,018	63 276,181	13,136	12,668
52	49	93 556	4 520,317	58 459,163	12,933	12,465
53	50	93 006	4 239,368	53 938,846	12,723	12,255
54	51	92 398	3 973,240	49 699,478	12,509	12,041
55	52	91 710	3 720,424	45 726,238	12,291	11,823
56	53	90 955	3 480,942	42 005,814	12,067	11,599
57	54	90 124	3 253,899	38 524,872	11,840	11,372
58	55	89 204	3 038,405	35 270,973	11,608	11,140
59	56	88 190	2 833,813	32 232,568	11,374	10,906
60	57	87 089	2 640,039	29 398,755	11,136	10,668
61	58	85 894	2 456,440	26 758,716	10,893	10,425
62	59	84 595	2 282,348	24 302,277	10,648	10,180
63	60	83 192	2 117,435	22 019,929	10,399	9,931
64	61	81 679	1 961,253	19 902,494	10,148	9,680
65	62	80 057	1 813,498	17 941,242	9,893	9,425
66	63	78 339	1 674,130	16 127,744	9,634	9,166
67	64	76 518	1 542,659	14 453,614	9,369	8,901
68	65	74 579	1 418,469	12 910,954	9,102	8,634
69	66	72 566	1 302,050	11 492,486	8,826	8,358
70	67	70 412	1 191,896	10 190,435	8,550	8,082
71	68	68 189	1 088,928	8 998,539	8,264	7,796
72	69	65 813	991,492	7 909,611	7,977	7,510
73	70	63 349	900,354	6 918,119	7,684	7,216
74	71	60 753	814,580	6 017,765	7,388	6,920
75	72	58 058	734,381	5 203,185	7,085	6,617
76	73	55 275	659,601	4 468,803	6,775	6,307
77	74	52 346	589,298	3 809,202	6,464	5,996
78	75	49 320	523,801	3 219,904	6,147	5,679
79	76	46 172	462,612	2 696,103	5,828	5,360
80	77	42 896	405,464	2 233,491	5,508	5,041
81	78	39 513	352,342	1 828,026	5,188	4,720
82	79	35 949	302,413	1 475,684	4,880	4,412
83	80	32 289	256,256	1 173,271	4,579	4,111
84	81	28 578	213,960	917,015	4,286	3,818
85	82	24 841	175,459	703,055	4,007	3,539
86	83	21 143	140,882	527,596	3,745	3,277
87	84	17 596	110,613	386,714	3,496	3,028
88	85	14 276	84,665	276,100	3,261	2,793
89	86	11 228	62,819	191,435	3,047	2,579
90	87	8 557	45,165	128,616	2,848	2,380
91	88	6 304	31,387	83,451	2,659	2,191
92	89	4 472	21,007	52,064	2,478	2,010
93	90	3 015	13,363	31,057	2,324	1,856
94	91	1 945	8,131	17,694	2,176	1,708
95	92	1 182	4,661	9,563	2,052	1,584
96	93	682	2,536	4,901	1,933	1,465
97	94	365	1,283	2,365	1,844	1,376
98	95	187	0,618	1,083	1,752	1,284
99	96	89	0,278	0,465	1,669	1,201
100	97	39	0,116	0,186	1,612	1,144

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4	0	99 590	78 884,473	1 356 551,145	17,197	16,729
5	1	99 280	74 187,754	1 277 666,672	17,222	16,754
6	2	99 245	69 964,065	1 203 478,918	17,201	16,733
7	3	99 224	65 989,636	1 133 514,853	17,177	16,709
8	4	99 205	62 242,591	1 067 525,217	17,151	16,683
9	5	99 187	58 708,786	1 005 282,626	17,123	16,655
10	6	99 170	55 376,283	946 573,840	17,093	16,626
11	7	99 154	52 233,016	891 197,557	17,062	16,594
12	8	99 142	49 270,327	838 964,542	17,028	16,560
13	9	99 128	46 475,002	789 694,214	16,992	16,524
14	10	99 112	43 837,456	743 219,212	16,954	16,486
15	11	99 093	41 348,061	699 381,757	16,914	16,447
16	12	99 070	38 998,353	658 033,696	16,873	16,405
17	13	99 037	36 778,906	619 035,343	16,831	16,363
18	14	99 001	34 684,280	582 256,437	16,787	16,319
19	15	98 954	32 705,465	547 572,157	16,743	16,275
20	16	98 902	30 838,190	514 866,692	16,696	16,228
21	17	98 845	29 075,787	484 028,502	16,647	16,179
22	18	98 791	27 415,138	454 952,715	16,595	16,127
23	19	98 727	25 846,511	427 537,577	16,541	16,073
24	20	98 670	24 369,255	401 691,066	16,484	16,016
25	21	98 604	22 974,698	377 321,811	16,423	15,955
26	22	98 545	21 661,179	354 347,113	16,359	15,891
27	23	98 484	20 422,372	332 685,933	16,290	15,822
28	24	98 421	19 254,026	312 263,561	16,218	15,750
29	25	98 355	18 152,101	293 009,535	16,142	15,674
30	26	98 285	17 112,435	274 857,434	16,062	15,594
31	27	98 211	16 131,707	257 744,999	15,978	15,510
32	28	98 130	15 205,946	241 613,292	15,889	15,421
33	29	98 045	14 332,759	226 407,346	15,796	15,329
34	30	97 947	13 508,081	212 074,587	15,700	15,232
35	31	97 841	12 729,628	198 566,506	15,599	15,131
36	32	97 732	11 995,681	185 836,878	15,492	15,024
37	33	97 614	11 303,079	173 841,197	15,380	14,912
38	34	97 484	10 648,996	162 538,118	15,263	14,795
39	35	97 340	10 031,422	151 889,122	15,141	14,673
40	36	97 191	9 449,168	141 857,700	15,013	14,545
41	37	97 027	8 899,193	132 408,533	14,879	14,411
42	38	96 851	8 380,288	123 509,340	14,738	14,270
43	39	96 653	7 889,779	115 129,052	14,592	14,124
44	40	96 447	7 427,260	107 239,273	14,439	13,971
45	41	96 207	6 989,454	99 812,013	14,280	13,812
46	42	95 948	6 576,038	92 822,559	14,115	13,647
47	43	95 663	6 185,377	86 246,521	13,944	13,476
48	44	95 349	5 816,157	80 061,144	13,765	13,297
49	45	95 004	5 467,059	74 244,987	13,580	13,112
50	46	94 612	5 136,353	68 777,928	13,390	12,922
51	47	94 183	4 823,628	63 641,575	13,194	12,726
52	48	93 706	4 527,534	58 817,946	12,991	12,523
53	49	93 169	4 246,792	54 290,413	12,784	12,316
54	50	92 569	3 980,617	50 043,621	12,572	12,104
55	51	91 907	3 728,413	46 063,003	12,355	11,887
56	52	91 167	3 489,082	42 334,591	12,133	11,665
57	53	90 356	3 262,275	38 845,509	11,907	11,440
58	54	89 463	3 047,207	35 583,234	11,677	11,209
59	55	88 477	2 843,040	32 536,026	11,444	10,976
60	56	87 401	2 649,516	29 692,986	11,207	10,739
61	57	86 233	2 466,117	27 043,470	10,966	10,498
62	58	84 965	2 292,318	24 577,353	10,722	10,254
63	59	83 585	2 127,447	22 285,035	10,475	10,007
64	60	82 112	1 971,655	20 157,588	10,224	9,756
65	61	80 515	1 823,868	18 185,933	9,971	9,503
66	62	78 822	1 684,464	16 362,065	9,714	9,246
67	63	77 038	1 553,141	14 677,602	9,450	8,982
68	64	75 141	1 429,148	13 124,460	9,183	8,715
69	65	73 149	1 312,512	11 695,312	8,911	8,443
70	66	71 035	1 202,432	10 382,800	8,635	8,167
71	67	68 842	1 099,352	9 180,368	8,351	7,883
72	68	66 509	1 001,979	8 081,016	8,065	7,597
73	69	64 090	910,879	7 079,037	7,772	7,304
74	70	61 528	824,974	6 168,159	7,477	7,009
75	71	58 864	744,584	5 343,185	7,176	6,708
76	72	56 106	669,519	4 598,601	6,869	6,401
77	73	53 220	599,134	3 929,082	6,558	6,090
78	74	50 216	533,317	3 329,949	6,244	5,776
79	75	47 078	471,683	2 796,631	5,929	5,461
80	76	43 842	414,401	2 324,948	5,610	5,142
81	77	40 476	360,931	1 910,547	5,293	4,825
82	78	36 963	310,948	1 549,616	4,984	4,516
83	79	33 337	264,567	1 238,668	4,682	4,214
84	80	29 659	222,057	974,101	4,387	3,919
85	81	25 949	183,280	752,044	4,103	3,635
86	82	22 241	148,200	568,763	3,838	3,370
87	83	18 654	117,263	420,563	3,586	3,119
88	84	15 272	90,567	303,300	3,349	2,881
89	85	12 154	67,995	212,733	3,129	2,661
90	86	9 374	49,478	144,738	2,925	2,457
91	87	7 003	34,872	95,259	2,732	2,264
92	88	5 049	23,715	60,387	2,546	2,078
93	89	3 464	15,352	36,672	2,389	1,921
94	90	2 281	9,538	21,320	2,235	1,767
95	91	1 420	5,600	11,782	2,104	1,636
96	92	839	3,122	6,182	1,981	1,513
97	93	462	1,621	3,061	1,888	1,420
98	94	242	0,803	1,439	1,793	1,325
99	95	119	0,373	0,637	1,709	1,241
100	96	55	0,162	0,264	1,632	1,164

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5	0	99 579	74 411,385	1 278 422,674	17,180	16,713
6	1	99 270	69 981,416	1 204 011,288	17,205	16,737
7	2	99 236	65 997,835	1 134 029,872	17,183	16,715
8	3	99 215	62 249,011	1 068 032,038	17,157	16,689
9	4	99 197	58 714,404	1 005 783,027	17,130	16,662
10	5	99 179	55 381,216	947 068,622	17,101	16,633
11	6	99 163	52 237,637	891 687,406	17,070	16,602
12	7	99 146	49 272,616	839 449,770	17,037	16,569
13	8	99 135	46 478,241	790 177,154	17,001	16,533
14	9	99 118	43 840,138	743 698,913	16,964	16,496
15	10	99 099	41 350,480	699 858,775	16,925	16,457
16	11	99 077	39 001,369	658 508,296	16,884	16,416
17	12	99 045	36 781,794	619 506,927	16,843	16,375
18	13	99 010	34 687,548	582 725,133	16,799	16,331
19	14	98 963	32 708,481	548 037,585	16,755	16,287
20	15	98 914	30 841,943	515 329,104	16,709	16,241
21	16	98 860	29 080,069	484 487,161	16,660	16,192
22	17	98 805	27 418,872	455 407,092	16,609	16,141
23	18	98 747	25 851,605	427 988,221	16,556	16,088
24	19	98 687	24 373,515	402 136,616	16,499	16,031
25	20	98 623	22 978,946	377 763,101	16,440	15,972
26	21	98 561	21 664,752	354 784,155	16,376	15,908
27	22	98 500	20 425,698	333 119,403	16,309	15,841
28	23	98 438	19 257,491	312 693,705	16,238	15,770
29	24	98 373	18 155,368	293 436,214	16,163	15,695
30	25	98 304	17 115,691	275 280,846	16,084	15,616
31	26	98 230	16 134,744	258 165,155	16,001	15,533
32	27	98 151	15 209,219	242 030,411	15,913	15,445
33	28	98 068	14 336,137	226 821,193	15,822	15,354
34	29	97 973	13 511,577	212 485,055	15,726	15,258
35	30	97 872	12 733,666	198 973,478	15,626	15,158
36	31	97 763	11 999,449	186 239,812	15,521	15,053
37	32	97 648	11 306,954	174 240,363	15,410	14,942
38	33	97 519	10 652,834	162 933,410	15,295	14,827
39	34	97 380	10 035,496	152 280,576	15,174	14,706
40	35	97 232	9 453,063	142 245,079	15,048	14,580
41	36	97 071	8 903,275	132 792,016	14,915	14,447
42	37	96 897	8 384,267	123 888,741	14,776	14,308
43	38	96 712	7 894,541	115 504,473	14,631	14,163
44	39	96 505	7 431,727	107 609,932	14,480	14,012
45	40	96 273	6 994,250	100 178,205	14,323	13,855
46	41	96 019	6 580,910	93 183,954	14,160	13,692
47	42	95 739	6 190,290	86 603,045	13,990	13,522
48	43	95 436	5 821,444	80 412,755	13,813	13,345
49	44	95 096	5 472,370	74 591,311	13,631	13,163
50	45	94 722	5 142,278	69 118,941	13,441	12,973
51	46	94 298	4 829,508	63 976,662	13,247	12,779
52	47	93 834	4 533,747	59 147,154	13,046	12,578
53	48	93 318	4 253,572	54 613,407	12,839	12,371
54	49	92 731	3 987,588	50 359,835	12,629	12,161
55	50	92 077	3 735,335	46 372,247	12,414	11,947
56	51	91 363	3 496,574	42 636,912	12,194	11,726
57	52	90 567	3 269,904	39 140,338	11,970	11,502
58	53	89 693	3 055,052	35 870,435	11,741	11,273
59	54	88 733	2 851,277	32 815,383	11,509	11,041
60	55	87 686	2 658,143	29 964,106	11,273	10,805
61	56	86 542	2 474,970	27 305,963	11,033	10,565
62	57	85 299	2 301,349	24 830,994	10,790	10,322
63	58	83 950	2 136,741	22 529,645	10,544	10,076
64	59	82 500	1 980,978	20 392,904	10,294	9,826
65	60	80 942	1 833,542	18 411,926	10,042	9,574
66	61	79 273	1 694,096	16 578,384	9,786	9,318
67	62	77 513	1 562,728	14 884,288	9,525	9,057
68	63	75 651	1 438,859	13 321,561	9,258	8,790
69	64	73 700	1 322,393	11 882,702	8,986	8,518
70	65	71 606	1 212,093	10 560,308	8,712	8,244
71	66	69 451	1 109,070	9 348,215	8,429	7,961
72	67	67 146	1 011,571	8 239,145	8,145	7,677
73	68	64 768	920,512	7 227,574	7,852	7,384
74	69	62 247	834,617	6 307,062	7,557	7,089
75	70	59 616	754,084	5 472,445	7,257	6,789
76	71	56 885	678,820	4 718,361	6,951	6,483
77	72	54 020	608,143	4 039,540	6,642	6,174
78	73	51 054	542,219	3 431,398	6,328	5,860
79	74	47 933	480,253	2 889,179	6,016	5,548
80	75	44 702	422,527	2 408,927	5,701	5,233
81	76	41 368	368,886	1 986,400	5,385	4,917
82	77	37 864	318,528	1 617,513	5,078	4,610
83	78	34 278	272,034	1 298,986	4,775	4,307
84	79	30 621	229,259	1 026,952	4,479	4,011
85	80	26 931	190,216	797,693	4,194	3,726
86	81	23 232	154,806	607,477	3,924	3,456
87	82	19 623	123,354	452,670	3,670	3,202
88	83	16 190	96,012	329,316	3,430	2,962
89	84	13 001	72,735	233,304	3,208	2,740
90	85	10 147	53,555	160,569	2,998	2,530
91	86	7 672	38,203	107,014	2,801	2,333
92	87	5 609	26,349	68,811	2,612	2,144
93	88	3 911	17,331	42,462	2,450	1,982
94	89	2 621	10,957	25,132	2,294	1,826
95	90	1 665	6,569	14,174	2,158	1,690
96	91	1 008	3,750	7,606	2,028	1,560
97	92	568	1,995	3,856	1,932	1,464
98	93	306	1,015	1,860	1,833	1,365
99	94	155	0,484	0,845	1,747	1,279
100	95	73	0,217	0,361	1,669	1,201

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	70 192,368	1 204 709,887	17,163	16,695
7	1	99 261	66 014,202	1 134 517,519	17,186	16,718
8	2	99 228	62 256,745	1 068 503,317	17,163	16,695
9	3	99 207	58 720,460	1 006 246,572	17,136	16,668
10	4	99 189	55 386,516	947 526,111	17,108	16,640
11	5	99 171	52 242,290	892 139,596	17,077	16,609
12	6	99 155	49 276,975	839 897,306	17,044	16,576
13	7	99 139	46 480,400	790 620,330	17,010	16,542
14	8	99 125	43 843,193	744 139,930	16,973	16,505
15	9	99 105	41 353,009	700 296,737	16,935	16,467
16	10	99 083	39 003,650	658 943,728	16,894	16,426
17	11	99 053	36 784,639	619 940,078	16,853	16,385
18	12	99 018	34 690,272	583 155,439	16,810	16,342
19	13	98 972	32 711,563	548 465,167	16,767	16,299
20	14	98 923	30 844,787	515 753,604	16,721	16,253
21	15	98 872	29 083,607	484 908,818	16,673	16,205
22	16	98 819	27 422,909	455 825,210	16,622	16,154
23	17	98 760	25 855,125	428 402,301	16,569	16,101
24	18	98 706	24 378,318	402 547,176	16,513	16,045
25	19	98 640	22 982,963	378 168,858	16,454	15,986
26	20	98 579	21 668,758	355 185,894	16,392	15,924
27	21	98 516	20 429,067	333 517,136	16,326	15,858
28	22	98 454	19 260,627	313 088,070	16,255	15,787
29	23	98 391	18 158,636	293 827,443	16,181	15,713
30	24	98 322	17 118,771	275 668,807	16,103	15,635
31	25	98 249	16 137,813	258 550,036	16,021	15,553
32	26	98 169	15 212,082	242 412,222	15,936	15,468
33	27	98 089	14 339,223	227 200,141	15,845	15,377
34	28	97 996	13 514,762	212 860,918	15,750	15,282
35	29	97 897	12 736,962	199 346,156	15,651	15,183
36	30	97 794	12 003,255	186 609,194	15,547	15,079
37	31	97 679	11 310,505	174 605,939	15,438	14,970
38	32	97 552	10 656,486	163 295,434	15,324	14,856
39	33	97 415	10 039,114	152 638,948	15,204	14,736
40	34	97 271	9 456,903	142 599,834	15,079	14,611
41	35	97 111	8 906,946	133 142,932	14,948	14,480
42	36	96 942	8 388,113	124 235,985	14,811	14,343
43	37	96 758	7 898,290	115 847,872	14,667	14,199
44	38	96 563	7 436,213	107 949,582	14,517	14,049
45	39	96 331	6 998,457	100 513,369	14,362	13,894
46	40	96 085	6 585,425	93 514,911	14,200	13,732
47	41	95 809	6 194,876	86 929,486	14,032	13,565
48	42	95 512	5 826,068	80 734,610	13,857	13,390
49	43	95 183	5 477,344	74 908,542	13,676	13,208
50	44	94 814	5 147,274	69 431,198	13,489	13,021
51	45	94 407	4 835,079	64 283,924	13,295	12,827
52	46	93 949	4 539,273	59 448,844	13,097	12,629
53	47	93 446	4 259,409	54 909,571	12,891	12,423
54	48	92 879	3 993,954	50 650,162	12,682	12,214
55	49	92 238	3 741,876	46 656,208	12,469	12,001
56	50	91 533	3 503,066	42 914,331	12,251	11,783
57	51	90 761	3 276,925	39 411,266	12,027	11,559
58	52	89 903	3 062,196	36 134,341	11,800	11,332
59	53	88 961	2 858,617	33 072,145	11,569	11,101
60	54	87 940	2 665,844	30 213,528	11,334	10,866
61	55	86 824	2 483,028	27 547,685	11,094	10,626
62	56	85 606	2 309,610	25 064,656	10,852	10,384
63	57	84 281	2 145,159	22 755,046	10,608	10,140
64	58	82 861	1 989,632	20 609,887	10,359	9,891
65	59	81 324	1 842,212	18 620,255	10,108	9,640
66	60	79 693	1 703,081	16 778,044	9,852	9,384
67	61	77 957	1 571,664	15 074,962	9,592	9,124
68	62	76 118	1 447,740	13 503,298	9,327	8,859
69	63	74 200	1 331,379	12 055,558	9,055	8,587
70	64	72 145	1 221,219	10 724,179	8,782	8,314
71	65	70 009	1 117,981	9 502,961	8,500	8,032
72	66	67 739	1 020,513	8 384,980	8,216	7,748
73	67	65 388	929,324	7 364,467	7,925	7,457
74	68	62 906	843,444	6 435,143	7,630	7,162
75	69	60 312	762,899	5 591,698	7,330	6,862
76	70	57 611	687,482	4 828,799	7,024	6,556
77	71	54 771	616,591	4 141,318	6,716	6,249
78	72	51 822	550,371	3 524,727	6,404	5,936
79	73	48 733	488,268	2 974,355	6,092	5,624
80	74	45 514	430,203	2 486,087	5,779	5,311
81	75	42 179	376,120	2 055,884	5,466	4,998
82	76	38 699	325,549	1 679,764	5,160	4,692
83	77	35 113	278,665	1 354,216	4,860	4,392
84	78	31 485	235,729	1 075,551	4,563	4,095
85	79	27 804	196,385	839,821	4,276	3,808
86	80	24 111	160,664	643,436	4,005	3,537
87	81	20 498	128,853	482,772	3,747	3,279
88	82	17 031	100,999	353,918	3,504	3,036
89	83	13 782	77,108	252,920	3,280	2,812
90	84	10 854	57,288	175,812	3,069	2,601
91	85	8 305	41,351	118,523	2,866	2,398
92	86	6 145	28,865	77,173	2,674	2,206
93	87	4 345	19,255	48,307	2,509	2,041
94	88	2 959	12,370	29,052	2,349	1,881
95	89	1 913	7,546	16,682	2,211	1,743
96	90	1 182	4,399	9,136	2,077	1,609
97	91	683	2,397	4,738	1,976	1,508
98	92	377	1,249	2,340	1,874	1,406
99	93	196	0,612	1,091	1,784	1,316
100	94	95	0,281	0,479	1,704	1,236

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 560	66 213,195	1 135 163,028	17,144	16,676
8	1	99 252	62 272,185	1 068 949,833	17,166	16,698
9	2	99 219	58 727,756	1 006 677,648	17,141	16,673
10	3	99 199	55 392,228	947 949,892	17,113	16,645
11	4	99 181	52 247,290	892 557,664	17,083	16,615
12	5	99 164	49 281,365	840 310,375	17,051	16,583
13	6	99 148	46 484,512	791 029,009	17,017	16,549
14	7	99 130	43 845,230	744 544,497	16,981	16,513
15	8	99 112	41 355,891	700 699,268	16,943	16,475
16	9	99 089	39 006,036	659 343,376	16,904	16,436
17	10	99 058	36 786,790	620 337,340	16,863	16,395
18	11	99 025	34 692,955	583 550,550	16,820	16,352
19	12	98 980	32 714,132	548 857,595	16,777	16,309
20	13	98 933	30 847,693	516 143,463	16,732	16,264
21	14	98 881	29 086,289	485 295,770	16,685	16,217
22	15	98 832	27 426,246	456 209,481	16,634	16,166
23	16	98 775	25 858,933	428 783,235	16,582	16,114
24	17	98 720	24 381,638	402 924,302	16,526	16,058
25	18	98 659	22 987,492	378 542,664	16,467	15,999
26	19	98 597	21 672,546	355 555,172	16,406	15,938
27	20	98 534	20 432,844	333 882,626	16,340	15,873
28	21	98 471	19 263,804	313 449,781	16,271	15,803
29	22	98 407	18 161,593	294 185,978	16,198	15,730
30	23	98 339	17 121,852	276 024,385	16,121	15,653
31	24	98 266	16 140,718	258 902,532	16,040	15,572
32	25	98 188	15 214,976	242 761,815	15,955	15,487
33	26	98 107	14 341,922	227 546,839	15,866	15,398
34	27	98 017	13 517,671	213 204,917	15,772	15,304
35	28	97 920	12 739,964	199 687,246	15,674	15,206
36	29	97 819	12 006,362	186 947,282	15,571	15,103
37	30	97 709	11 314,093	174 940,920	15,462	14,994
38	31	97 583	10 659,833	163 626,827	15,350	14,882
39	32	97 448	10 042,555	152 966,994	15,232	14,764
40	33	97 306	9 460,312	142 924,440	15,108	14,640
41	34	97 151	8 910,564	133 464,128	14,978	14,510
42	35	96 982	8 391,572	124 553,564	14,843	14,375
43	36	96 802	7 901,913	116 161,992	14,700	14,233
44	37	96 609	7 439,744	108 260,079	14,552	14,084
45	38	96 389	7 002,682	100 820,335	14,397	13,929
46	39	96 142	6 589,386	93 817,653	14,238	13,770
47	40	95 875	6 199,127	87 228,267	14,071	13,603
48	41	95 583	5 830,384	81 029,140	13,898	13,430
49	42	95 258	5 481,695	75 198,756	13,718	13,250
50	43	94 900	5 151,952	69 717,060	13,532	13,064
51	44	94 498	4 839,777	64 565,108	13,341	12,873
52	45	94 057	4 544,510	59 725,331	13,142	12,674
53	46	93 560	4 264,601	55 180,822	12,939	12,471
54	47	93 007	3 999,435	50 916,220	12,731	12,263
55	48	92 386	3 747,850	46 916,786	12,518	12,050
56	49	91 693	3 509,200	43 168,935	12,302	11,834
57	50	90 930	3 283,009	39 659,735	12,080	11,612
58	51	90 096	3 068,771	36 376,726	11,854	11,386
59	52	89 169	2 865,301	33 307,955	11,625	11,157
60	53	88 166	2 672,706	30 442,653	11,390	10,922
61	54	87 075	2 490,222	27 769,947	11,152	10,684
62	55	85 884	2 317,131	25 279,725	10,910	10,442
63	56	84 583	2 152,859	22 962,595	10,666	10,198
64	57	83 187	1 997,470	20 809,736	10,418	9,950
65	58	81 680	1 850,259	18 812,265	10,167	9,699
66	59	80 070	1 711,135	16 962,006	9,913	9,445
67	60	78 370	1 580,000	15 250,872	9,652	9,184
68	61	76 554	1 456,019	13 670,872	9,389	8,921
69	62	74 658	1 339,596	12 214,853	9,118	8,650
70	63	72 635	1 229,517	10 875,256	8,845	8,377
71	64	70 536	1 126,398	9 645,740	8,563	8,095
72	65	68 284	1 028,712	8 519,341	8,282	7,814
73	66	65 966	937,539	7 490,629	7,990	7,522
74	67	63 508	851,519	6 553,090	7,696	7,228
75	68	60 950	770,968	5 701,571	7,395	6,927
76	69	58 285	695,518	4 930,604	7,089	6,621
77	70	55 470	624,458	4 235,086	6,782	6,314
78	71	52 542	558,017	3 610,627	6,470	6,002
79	72	49 466	495,610	3 052,610	6,159	5,691
80	73	46 273	437,383	2 557,000	5,846	5,378
81	74	42 946	382,953	2 119,617	5,535	5,067
82	75	39 458	331,932	1 736,664	5,232	4,764
83	76	35 887	284,807	1 404,732	4,932	4,464
84	77	32 253	241,475	1 119,925	4,638	4,170
85	78	28 589	201,928	878,449	4,350	3,882
86	79	24 893	165,875	676,521	4,078	3,611
87	80	21 273	133,729	510,646	3,819	3,351
88	81	17 790	105,501	376,917	3,573	3,105
89	82	14 498	81,113	271,416	3,346	2,878
90	83	11 507	60,732	190,303	3,133	2,665
91	84	8 883	44,233	129,570	2,929	2,461
92	85	6 651	31,244	85,337	2,731	2,263
93	86	4 760	21,094	54,093	2,564	2,096
94	87	3 287	13,743	32,999	2,401	1,933
95	88	2 160	8,519	19,256	2,260	1,792
96	89	1 358	5,053	10,737	2,125	1,657
97	90	801	2,812	5,684	2,021	1,553
98	91	453	1,500	2,872	1,914	1,446
99	92	241	0,753	1,371	1,821	1,353
100	93	121	0,356	0,618	1,738	1,270

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 552	62 459,898	1 069 546,283	17,124	16,656
9	1	99 244	58 742,320	1 007 086,385	17,144	16,676
10	2	99 211	55 399,110	948 344,065	17,118	16,650
11	3	99 191	52 252,678	892 944,955	17,089	16,621
12	4	99 173	49 286,081	840 692,277	17,057	16,589
13	5	99 157	46 488,653	791 406,195	17,024	16,556
14	6	99 139	43 849,108	744 917,542	16,988	16,520
15	7	99 116	41 357,813	701 068,434	16,951	16,483
16	8	99 096	39 008,755	659 710,621	16,912	16,444
17	9	99 065	36 789,041	620 701,866	16,872	16,404
18	10	99 031	34 694,984	583 912,825	16,830	16,362
19	11	98 988	32 716,662	549 217,841	16,787	16,319
20	12	98 940	30 850,115	516 501,180	16,742	16,274
21	13	98 890	29 089,030	485 651,064	16,695	16,227
22	14	98 841	27 428,775	456 562,034	16,645	16,177
23	15	98 787	25 862,079	429 133,259	16,593	16,125
24	16	98 734	24 385,229	403 271,180	16,538	16,070
25	17	98 673	22 990,623	378 885,951	16,480	16,012
26	18	98 616	21 676,817	355 895,328	16,418	15,950
27	19	98 551	20 436,416	334 218,512	16,354	15,886
28	20	98 489	19 267,366	313 782,095	16,286	15,818
29	21	98 423	18 164,588	294 514,729	16,214	15,746
30	22	98 355	17 124,640	276 350,141	16,138	15,670
31	23	98 284	16 143,623	259 225,501	16,057	15,589
32	24	98 206	15 217,714	243 081,878	15,974	15,506
33	25	98 126	14 344,651	227 864,164	15,885	15,417
34	26	98 035	13 520,215	213 519,513	15,793	15,325
35	27	97 942	12 742,706	199 999,298	15,695	15,227
36	28	97 842	12 009,192	187 256,592	15,593	15,125
37	29	97 735	11 317,022	175 247,400	15,485	15,017
38	30	97 614	10 663,214	163 930,378	15,373	14,905
39	31	97 479	10 045,709	153 267,164	15,257	14,789
40	32	97 339	9 463,554	143 221,455	15,134	14,666
41	33	97 186	8 913,776	133 757,901	15,006	14,538
42	34	97 021	8 394,980	124 844,125	14,871	14,403
43	35	96 842	7 905,171	116 449,145	14,731	14,263
44	36	96 653	7 443,157	108 543,974	14,583	14,115
45	37	96 435	7 006,007	101 100,817	14,431	13,963
46	38	96 200	6 593,364	94 094,809	14,271	13,803
47	39	95 933	6 202,856	87 501,446	14,107	13,639
48	40	95 648	5 834,385	81 298,590	13,934	13,466
49	41	95 329	5 485,756	75 464,205	13,756	13,288
50	42	94 975	5 156,045	69 978,449	13,572	13,104
51	43	94 584	4 844,176	64 822,404	13,382	12,914
52	44	94 149	4 548,925	59 978,228	13,185	12,717
53	45	93 668	4 269,521	55 429,304	12,983	12,515
54	46	93 120	4 004,310	51 159,783	12,776	12,308
55	47	92 512	3 752,993	47 155,473	12,565	12,097
56	48	91 839	3 514,803	43 402,480	12,348	11,881
57	49	91 089	3 288,758	39 887,677	12,128	11,661
58	50	90 263	3 074,469	36 598,919	11,904	11,436
59	51	89 361	2 871,454	33 524,450	11,675	11,207
60	52	88 373	2 678,956	30 652,996	11,442	10,974
61	53	87 300	2 496,632	27 974,040	11,205	10,737
62	54	86 133	2 323,843	25 477,407	10,963	10,496
63	55	84 859	2 159,869	23 153,564	10,720	10,252
64	56	83 486	2 004,641	20 993,695	10,473	10,005
65	57	82 001	1 857,548	18 989,054	10,223	9,755
66	58	80 420	1 718,610	17 131,506	9,968	9,500
67	59	78 741	1 587,471	15 412,896	9,709	9,241
68	60	76 960	1 463,742	13 825,425	9,445	8,977
69	61	75 085	1 347,257	12 361,684	9,175	8,707
70	62	73 083	1 237,106	11 014,427	8,903	8,435
71	63	71 015	1 134,052	9 777,321	8,622	8,154
72	64	68 798	1 036,457	8 643,269	8,339	7,871
73	65	66 496	945,072	7 606,812	8,049	7,581
74	66	64 069	859,046	6 661,740	7,755	7,287
75	67	61 534	778,348	5 802,695	7,455	6,987
76	68	58 901	702,874	5 024,346	7,148	6,680
77	69	56 118	631,758	4 321,472	6,840	6,372
78	70	53 212	565,137	3 689,714	6,529	6,061
79	71	50 153	502,495	3 124,577	6,218	5,750
80	72	46 969	443,960	2 622,082	5,906	5,438
81	73	43 663	389,344	2 178,122	5,594	5,126
82	74	40 174	337,962	1 788,778	5,293	4,825
83	75	36 591	290,392	1 450,815	4,996	4,528
84	76	32 964	246,798	1 160,423	4,702	4,234
85	77	29 286	206,850	913,626	4,417	3,949
86	78	25 596	170,557	706,775	4,144	3,676
87	79	21 963	138,066	536,219	3,884	3,416
88	80	18 463	109,493	398,152	3,636	3,168
89	81	15 144	84,729	288,659	3,407	2,939
90	82	12 104	63,887	203,930	3,192	2,724
91	83	9 417	46,892	140,043	2,986	2,519
92	84	7 115	33,422	93,151	2,787	2,319
93	85	5 152	22,832	59,729	2,616	2,148
94	86	3 601	15,056	36,897	2,451	1,983
95	87	2 400	9,465	21,841	2,308	1,840
96	88	1 533	5,705	12,376	2,169	1,701
97	89	920	3,230	6,671	2,065	1,597
98	90	531	1,760	3,440	1,955	1,487
99	91	290	0,905	1,680	1,857	1,390
100	92	149	0,438	0,776	1,772	1,304

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9	0	99 543	58 919,393	1 007 637,530	17,102	16,634
10	1	99 236	55 412,849	948 718,137	17,121	16,653
11	2	99 204	52 259,170	893 305,288	17,094	16,626
12	3	99 184	49 291,164	841 046,118	17,063	16,595
13	4	99 166	46 493,102	791 754,953	17,030	16,562
14	5	99 147	43 853,015	745 261,851	16,995	16,527
15	6	99 125	41 361,471	701 408,836	16,958	16,490
16	7	99 101	39 010,567	660 047,365	16,920	16,452
17	8	99 071	36 791,605	621 036,798	16,880	16,412
18	9	99 037	34 697,107	584 245,193	16,838	16,370
19	10	98 993	32 718,575	549 548,087	16,796	16,328
20	11	98 948	30 852,501	516 829,511	16,752	16,284
21	12	98 898	29 091,314	485 977,010	16,705	16,237
22	13	98 850	27 431,360	456 885,696	16,656	16,188
23	14	98 796	25 864,464	429 454,336	16,604	16,136
24	15	98 746	24 388,196	403 589,872	16,549	16,081
25	16	98 687	22 994,009	379 201,676	16,491	16,023
26	17	98 630	21 679,769	356 207,667	16,430	15,962
27	18	98 571	20 440,443	334 527,899	16,366	15,898
28	19	98 506	19 270,734	314 087,455	16,299	15,831
29	20	98 441	18 167,947	294 816,721	16,227	15,759
30	21	98 371	17 127,465	276 648,774	16,152	15,684
31	22	98 300	16 146,252	259 521,309	16,073	15,605
32	23	98 223	15 220,453	243 375,058	15,990	15,522
33	24	98 144	14 347,232	228 154,604	15,902	15,434
34	25	98 054	13 522,788	213 807,372	15,811	15,343
35	26	97 960	12 745,105	200 284,584	15,715	15,247
36	27	97 863	12 011,777	187 539,480	15,613	15,145
37	28	97 758	11 319,689	175 527,703	15,506	15,038
38	29	97 639	10 665,974	164 208,014	15,396	14,928
39	30	97 510	10 048,896	153 542,040	15,279	14,812
40	31	97 370	9 466,527	143 493,144	15,158	14,690
41	32	97 219	8 916,831	134 026,617	15,031	14,563
42	33	97 056	8 398,006	125 109,787	14,898	14,430
43	34	96 881	7 908,382	116 711,780	14,758	14,290
44	35	96 693	7 446,226	108 803,398	14,612	14,144
45	36	96 479	7 009,221	101 357,172	14,461	13,993
46	37	96 246	6 596,495	94 347,951	14,303	13,835
47	38	95 991	6 206,600	87 751,457	14,138	13,670
48	39	95 706	5 837,894	81 544,857	13,968	13,500
49	40	95 394	5 489,520	75 706,963	13,791	13,323
50	41	95 046	5 159,865	70 217,442	13,608	13,140
51	42	94 659	4 848,024	65 057,578	13,419	12,951
52	43	94 234	4 553,059	60 209,554	13,224	12,756
53	44	93 759	4 273,669	55 656,495	13,023	12,555
54	45	93 228	4 008,929	51 382,826	12,817	12,349
55	46	92 625	3 757,568	47 373,897	12,608	12,140
56	47	91 966	3 519,626	43 616,329	12,392	11,924
57	48	91 235	3 294,009	40 096,703	12,173	11,705
58	49	90 421	3 079,853	36 802,694	11,949	11,482
59	50	89 527	2 876,785	33 722,841	11,722	11,254
60	51	88 562	2 684,709	30 846,056	11,490	11,022
61	52	87 504	2 502,471	28 161,347	11,253	10,785
62	53	86 355	2 329,826	25 658,877	11,013	10,545
63	54	85 105	2 166,126	23 329,051	10,770	10,302
64	55	83 757	2 011,168	21 162,925	10,523	10,055
65	56	82 296	1 864,217	19 151,757	10,273	9,805
66	57	80 737	1 725,380	17 287,540	10,020	9,552
67	58	79 085	1 594,406	15 562,160	9,760	9,293
68	59	77 324	1 470,663	13 967,754	9,498	9,030
69	60	75 484	1 354,403	12 497,091	9,227	8,759
70	61	73 501	1 244,180	11 142,689	8,956	8,488
71	62	71 453	1 141,052	9 898,509	8,675	8,207
72	63	69 265	1 043,499	8 757,457	8,392	7,924
73	64	66 996	952,187	7 713,958	8,101	7,633
74	65	64 584	865,948	6 761,771	7,809	7,341
75	66	62 078	785,228	5 895,823	7,508	7,040
76	67	59 465	709,603	5 110,594	7,202	6,734
77	68	56 712	638,440	4 400,992	6,893	6,425
78	69	53 834	571,744	3 762,552	6,581	6,113
79	70	50 793	508,906	3 190,808	6,270	5,802
80	71	47 622	450,128	2 681,902	5,958	5,490
81	72	44 319	395,199	2 231,774	5,647	5,179
82	73	40 845	343,603	1 836,576	5,345	4,877
83	74	37 256	295,668	1 492,973	5,049	4,582
84	75	33 610	251,637	1 197,305	4,758	4,290
85	76	29 931	211,409	945,668	4,473	4,005
86	77	26 220	174,714	734,258	4,203	3,735
87	78	22 583	141,963	559,544	3,941	3,474
88	79	19 062	113,045	417,581	3,694	3,226
89	80	15 718	87,935	304,536	3,463	2,995
90	81	12 644	66,735	216,601	3,246	2,778
91	82	9 907	49,328	149,866	3,038	2,570
92	83	7 543	35,431	100,538	2,838	2,370
93	84	5 511	24,424	65,107	2,666	2,198
94	85	3 898	16,297	40,683	2,496	2,028
95	86	2 629	10,369	24,387	2,352	1,884
96	87	1 704	6,338	14,018	2,212	1,744
97	88	1 039	3,647	7,680	2,106	1,638
98	89	611	2,022	4,033	1,995	1,527
99	90	340	1,061	2,011	1,895	1,427
100	91	178	0,526	0,950	1,806	1,338

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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10	0	99 535	55 579,886	949 227,463	17,079	16,611
11	1	99 228	52 272,131	893 647,577	17,096	16,628
12	2	99 196	49 297,288	841 375,447	17,067	16,599
13	3	99 177	46 497,897	792 078,158	17,035	16,567
14	4	99 157	43 857,211	745 580,261	17,000	16,532
15	5	99 134	41 365,156	701 723,049	16,964	16,496
16	6	99 109	39 014,018	660 357,893	16,926	16,458
17	7	99 076	36 793,314	621 343,875	16,887	16,419
18	8	99 044	34 699,525	584 550,561	16,846	16,378
19	9	98 999	32 720,577	549 851,036	16,804	16,336
20	10	98 954	30 854,306	517 130,459	16,760	16,292
21	11	98 905	29 093,564	486 276,154	16,714	16,246
22	12	98 858	27 433,514	457 182,590	16,665	16,197
23	13	98 805	25 866,901	429 749,076	16,614	16,146
24	14	98 755	24 390,445	403 882,174	16,559	16,091
25	15	98 699	22 996,807	379 491,730	16,502	16,034
26	16	98 644	21 682,961	356 494,923	16,441	15,973
27	17	98 584	20 443,227	334 811,962	16,378	15,910
28	18	98 525	19 274,532	314 368,734	16,310	15,842
29	19	98 458	18 171,123	295 094,203	16,240	15,772
30	20	98 390	17 130,632	276 923,080	16,165	15,697
31	21	98 316	16 148,915	259 792,448	16,087	15,619
32	22	98 239	15 222,932	243 643,533	16,005	15,537
33	23	98 161	14 349,815	228 420,602	15,918	15,450
34	24	98 072	13 525,221	214 070,787	15,828	15,360
35	25	97 979	12 747,530	200 545,566	15,732	15,264
36	26	97 881	12 014,038	187 798,036	15,632	15,164
37	27	97 779	11 322,125	175 783,999	15,526	15,058
38	28	97 662	10 668,488	164 461,873	15,416	14,948
39	29	97 535	10 051,497	153 793,385	15,301	14,833
40	30	97 401	9 469,530	143 741,888	15,179	14,711
41	31	97 250	8 919,632	134 272,358	15,054	14,586
42	32	97 089	8 400,885	125 352,727	14,921	14,453
43	33	96 916	7 911,233	116 951,842	14,783	14,315
44	34	96 732	7 449,250	109 040,609	14,638	14,170
45	35	96 519	7 012,111	101 591,359	14,488	14,020
46	36	96 290	6 599,521	94 579,248	14,331	13,863
47	37	96 036	6 209,547	87 979,727	14,168	13,700
48	38	95 763	5 841,418	81 770,180	13,998	13,530
49	39	95 452	5 492,822	75 928,762	13,823	13,355
50	40	95 111	5 163,405	70 435,940	13,641	13,173
51	41	94 730	4 851,615	65 272,535	13,454	12,986
52	42	94 309	4 556,676	60 420,919	13,260	12,792
53	43	93 844	4 277,553	55 864,243	13,060	12,592
54	44	93 318	4 012,824	51 586,690	12,855	12,387
55	45	92 732	3 761,903	47 573,866	12,646	12,178
56	46	92 078	3 523,916	43 811,964	12,433	11,965
57	47	91 360	3 298,529	40 288,048	12,214	11,746
58	48	90 566	3 084,770	36 989,519	11,991	11,523
59	49	89 684	2 881,823	33 904,749	11,765	11,297
60	50	88 727	2 689,693	31 022,926	11,534	11,066
61	51	87 692	2 507,844	28 333,233	11,298	10,830
62	52	86 557	2 335,274	25 825,389	11,059	10,591
63	53	85 324	2 171,703	23 490,115	10,816	10,348
64	54	84 000	2 016,994	21 318,412	10,569	10,101
65	55	82 564	1 870,287	19 301,418	10,320	9,852
66	56	81 027	1 731,574	17 431,131	10,067	9,599
67	57	79 396	1 600,687	15 699,557	9,808	9,340
68	58	77 661	1 477,087	14 098,870	9,545	9,077
69	59	75 841	1 360,807	12 621,783	9,275	8,807
70	60	73 891	1 250,779	11 260,976	9,003	8,535
71	61	71 862	1 147,577	10 010,197	8,723	8,255
72	62	69 693	1 049,940	8 862,620	8,441	7,973
73	63	67 451	958,657	7 812,680	8,150	7,682
74	64	65 070	872,467	6 854,023	7,856	7,388
75	65	62 577	791,537	5 981,555	7,557	7,089
76	66	59 991	715,875	5 190,018	7,250	6,782
77	67	57 254	644,552	4 474,143	6,941	6,474
78	68	54 404	577,791	3 829,591	6,628	6,160
79	69	51 386	514,855	3 251,801	6,316	5,848
80	70	48 229	455,871	2 736,945	6,004	5,536
81	71	44 935	400,689	2 281,074	5,693	5,225
82	72	41 459	348,770	1 880,386	5,391	4,924
83	73	37 877	300,602	1 531,616	5,095	4,627
84	74	34 221	256,209	1 231,014	4,805	4,337
85	75	30 518	215,555	974,805	4,522	4,054
86	76	26 798	178,565	759,250	4,252	3,784
87	77	23 134	145,424	580,685	3,993	3,525
88	78	19 600	116,235	435,261	3,745	3,277
89	79	16 227	90,787	319,026	3,514	3,046
90	80	13 122	69,260	228,239	3,295	2,827
91	81	10 348	51,527	158,979	3,085	2,617
92	82	7 934	37,272	107,452	2,883	2,415
93	83	5 843	25,892	70,180	2,710	2,243
94	84	4 170	17,433	44,288	2,541	2,073
95	85	2 846	11,223	26,855	2,393	1,925
96	86	1 866	6,944	15,633	2,251	1,783
97	87	1 154	4,052	8,689	2,144	1,676
98	88	689	2,283	4,637	2,031	1,563
99	89	390	1,219	2,354	1,931	1,463
100	90	209	0,617	1,135	1,840	1,372

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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11	0	99 527	52 429,700	894 118,312	17,054	16,586
12	1	99 220	49 309,514	841 688,612	17,069	16,602
13	2	99 189	46 503,674	792 379,098	17,039	16,571
14	3	99 167	43 861,735	745 875,424	17,005	16,537
15	4	99 143	41 369,115	702 013,689	16,970	16,502
16	5	99 118	39 017,494	660 644,574	16,932	16,464
17	6	99 085	36 796,569	621 627,080	16,894	16,426
18	7	99 049	34 701,137	584 830,511	16,853	16,385
19	8	99 006	32 722,857	550 129,375	16,812	16,344
20	9	98 960	30 856,193	517 406,517	16,768	16,300
21	10	98 911	29 095,266	486 550,324	16,723	16,255
22	11	98 865	27 435,636	457 455,058	16,674	16,206
23	12	98 813	25 868,932	430 019,422	16,623	16,155
24	13	98 765	24 392,743	404 150,490	16,568	16,101
25	14	98 708	22 998,927	379 757,747	16,512	16,044
26	15	98 656	21 685,600	356 758,820	16,451	15,983
27	16	98 599	20 446,238	335 073,220	16,388	15,920
28	17	98 539	19 277,156	314 626,982	16,321	15,853
29	18	98 478	18 174,704	295 349,826	16,251	15,783
30	19	98 407	17 133,627	277 175,122	16,177	15,709
31	20	98 334	16 151,901	260 041,495	16,100	15,632
32	21	98 256	15 225,442	243 889,595	16,019	15,551
33	22	98 177	14 352,151	228 664,152	15,932	15,464
34	23	98 089	13 527,656	214 312,001	15,843	15,375
35	24	97 996	12 749,824	200 784,345	15,748	15,280
36	25	97 900	12 016,323	188 034,521	15,648	15,180
37	26	97 797	11 324,257	176 018,198	15,543	15,076
38	27	97 683	10 670,784	164 693,941	15,434	14,966
39	28	97 558	10 053,866	154 023,157	15,320	14,852
40	29	97 426	9 471,981	143 969,291	15,199	14,732
41	30	97 280	8 922,461	134 497,310	15,074	14,606
42	31	97 120	8 403,523	125 574,849	14,943	14,475
43	32	96 949	7 913,944	117 171,326	14,806	14,338
44	33	96 767	7 451,935	109 257,381	14,662	14,194
45	34	96 558	7 014,959	101 805,446	14,513	14,045
46	35	96 330	6 602,242	94 790,487	14,357	13,889
47	36	96 080	6 212,396	88 188,245	14,196	13,728
48	37	95 809	5 844,192	81 975,850	14,027	13,559
49	38	95 509	5 496,138	76 131,658	13,852	13,384
50	39	95 168	5 166,511	70 635,520	13,672	13,204
51	40	94 795	4 854,944	65 469,009	13,485	13,017
52	41	94 379	4 560,052	60 614,064	13,292	12,824
53	42	93 918	4 280,951	56 054,013	13,094	12,626
54	43	93 403	4 016,471	51 773,062	12,890	12,422
55	44	92 822	3 765,557	47 756,591	12,682	12,215
56	45	92 184	3 527,981	43 991,033	12,469	12,001
57	46	91 471	3 302,550	40 463,052	12,252	11,784
58	47	90 690	3 089,003	37 160,502	12,030	11,562
59	48	89 827	2 886,424	34 071,499	11,804	11,336
60	49	88 882	2 694,403	31 185,075	11,574	11,106
61	50	87 854	2 512,500	28 490,672	11,340	10,872
62	51	86 743	2 340,288	25 978,172	11,100	10,632
63	52	85 523	2 176,781	23 637,884	10,859	10,391
64	53	84 216	2 022,187	21 461,103	10,613	10,145
65	54	82 803	1 875,705	19 438,916	10,364	9,896
66	55	81 291	1 737,212	17 563,211	10,110	9,642
67	56	79 681	1 606,433	15 825,999	9,852	9,384
68	57	77 967	1 482,907	14 219,566	9,589	9,121
69	58	76 172	1 366,752	12 736,659	9,319	8,851
70	59	74 240	1 256,693	11 369,908	9,047	8,580
71	60	72 243	1 153,663	10 113,214	8,766	8,298
72	61	70 091	1 055,944	8 959,551	8,485	8,017
73	62	67 868	964,574	7 903,607	8,194	7,726
74	63	65 513	878,396	6 939,033	7,900	7,432
75	64	63 048	797,497	6 060,637	7,600	7,132
76	65	60 473	721,627	5 263,140	7,293	6,825
77	66	57 761	650,249	4 541,513	6,984	6,516
78	67	54 924	583,322	3 891,264	6,671	6,203
79	68	51 930	520,301	3 307,942	6,358	5,890
80	69	48 793	461,200	2 787,642	6,044	5,576
81	70	45 508	405,801	2 326,442	5,733	5,265
82	71	42 035	353,615	1 920,640	5,431	4,963
83	72	38 447	305,122	1 567,025	5,136	4,668
84	73	34 792	260,485	1 261,903	4,844	4,376
85	74	31 072	219,471	1 001,418	4,563	4,095
86	75	27 323	182,067	781,947	4,295	3,827
87	76	23 644	148,629	599,881	4,036	3,568
88	77	20 078	119,068	451,252	3,790	3,322
89	78	16 685	93,349	332,183	3,558	3,091
90	79	13 548	71,507	238,834	3,340	2,872
91	80	10 740	53,477	167,327	3,129	2,661
92	81	8 288	38,933	113,851	2,924	2,456
93	82	6 146	27,237	74,918	2,751	2,283
94	83	4 420	18,481	47,681	2,580	2,112
95	84	3 044	12,005	29,200	2,432	1,964
96	85	2 020	7,516	17,195	2,288	1,820
97	86	1 265	4,439	9,679	2,180	1,712
98	87	766	2,536	5,240	2,066	1,598
99	88	441	1,376	2,704	1,965	1,497
100	89	240	0,709	1,328	1,873	1,405

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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12	0	99 520	49 458,153	842 123,739	17,027	16,559
13	1	99 214	46 515,207	792 665,586	17,041	16,573
14	2	99 179	43 867,184	746 150,379	17,009	16,541
15	3	99 154	41 373,381	702 283,195	16,974	16,506
16	4	99 128	39 021,228	660 909,814	16,937	16,469
17	5	99 094	36 799,847	621 888,586	16,899	16,431
18	6	99 058	34 704,207	585 088,739	16,859	16,391
19	7	99 011	32 724,377	550 384,532	16,819	16,351
20	8	98 967	30 858,344	517 660,155	16,775	16,307
21	9	98 917	29 097,046	486 801,811	16,730	16,262
22	10	98 871	27 437,240	457 704,765	16,682	16,214
23	11	98 820	25 870,933	430 267,525	16,631	16,163
24	12	98 772	24 394,659	404 396,592	16,577	16,109
25	13	98 718	23 001,094	380 001,933	16,521	16,053
26	14	98 665	21 687,600	357 000,839	16,461	15,993
27	15	98 611	20 448,726	335 313,239	16,398	15,930
28	16	98 553	19 279,995	314 864,513	16,331	15,863
29	17	98 491	18 177,179	295 584,518	16,261	15,793
30	18	98 426	17 137,003	277 407,339	16,188	15,720
31	19	98 352	16 154,724	260 270,336	16,111	15,643
32	20	98 274	15 228,258	244 115,612	16,030	15,562
33	21	98 193	14 354,518	228 887,354	15,945	15,477
34	22	98 105	13 529,859	214 532,836	15,856	15,388
35	23	98 014	12 752,119	201 002,977	15,762	15,294
36	24	97 918	12 018,486	188 250,859	15,663	15,195
37	25	97 816	11 326,411	176 232,373	15,559	15,091
38	26	97 701	10 672,793	164 905,962	15,451	14,983
39	27	97 579	10 056,030	154 233,169	15,337	14,869
40	28	97 449	9 474,213	144 177,139	15,218	14,750
41	29	97 306	8 924,771	134 702,925	15,093	14,625
42	30	97 151	8 406,189	125 778,155	14,963	14,495
43	31	96 980	7 916,430	117 371,966	14,826	14,358
44	32	96 800	7 454,489	109 455,535	14,683	14,215
45	33	96 593	7 017,488	102 001,046	14,535	14,067
46	34	96 369	6 604,923	94 983,558	14,381	13,913
47	35	96 120	6 214,957	88 378,635	14,220	13,752
48	36	95 853	5 846,873	82 163,678	14,053	13,585
49	37	95 555	5 498,748	76 316,805	13,879	13,411
50	38	95 225	5 169,630	70 818,057	13,699	13,231
51	39	94 852	4 857,865	65 648,428	13,514	13,046
52	40	94 444	4 563,181	60 790,563	13,322	12,854
53	41	93 988	4 284,122	56 227,383	13,125	12,657
54	42	93 477	4 019,662	51 943,260	12,922	12,454
55	43	92 907	3 768,980	47 923,598	12,715	12,247
56	44	92 273	3 531,409	44 154,618	12,503	12,035
57	45	91 577	3 306,360	40 623,210	12,286	11,818
58	46	90 800	3 092,768	37 316,850	12,066	11,598
59	47	89 950	2 890,385	34 224,082	11,841	11,373
60	48	89 024	2 698,705	31 333,697	11,611	11,143
61	49	88 008	2 516,900	28 634,992	11,377	10,909
62	50	86 904	2 344,633	26 118,092	11,140	10,672
63	51	85 707	2 181,455	23 773,459	10,898	10,430
64	52	84 413	2 026,915	21 592,004	10,653	10,185
65	53	83 016	1 880,534	19 565,088	10,404	9,936
66	54	81 526	1 742,245	17 684,555	10,150	9,682
67	55	79 941	1 611,664	15 942,310	9,892	9,424
68	56	78 247	1 488,230	14 330,646	9,629	9,161
69	57	76 472	1 372,136	12 842,416	9,359	8,891
70	58	74 565	1 262,183	11 470,280	9,088	8,620
71	59	72 585	1 159,118	10 208,097	8,807	8,339
72	60	70 463	1 061,545	9 048,979	8,524	8,056
73	61	68 256	970,090	7 987,434	8,234	7,766
74	62	65 917	883,817	7 017,344	7,940	7,472
75	63	63 476	802,916	6 133,526	7,639	7,171
76	64	60 928	727,060	5 330,611	7,332	6,864
77	65	58 225	655,474	4 603,551	7,023	6,555
78	66	55 410	588,478	3 948,077	6,709	6,241
79	67	52 427	525,282	3 359,599	6,396	5,928
80	68	49 309	466,078	2 834,317	6,081	5,613
81	69	46 040	410,545	2 368,240	5,769	5,301
82	70	42 571	358,127	1 957,695	5,466	4,999
83	71	38 981	309,361	1 599,568	5,171	4,703
84	72	35 315	264,402	1 290,207	4,880	4,412
85	73	31 591	223,134	1 025,805	4,597	4,129
86	74	27 820	185,374	802,671	4,330	3,862
87	75	24 107	151,543	617,297	4,073	3,605
88	76	20 520	121,693	465,754	3,827	3,359
89	77	17 092	95,625	344,061	3,598	3,130
90	78	13 930	73,525	248,436	3,379	2,911
91	79	11 088	55,211	174,911	3,168	2,700
92	80	8 602	40,406	119,700	2,962	2,494
93	81	6 420	28,451	79,294	2,787	2,319
94	82	4 650	19,441	50,842	2,615	2,147
95	83	3 227	12,727	31,402	2,467	1,999
96	84	2 161	8,040	18,675	2,323	1,855
97	85	1 369	4,805	10,635	2,213	1,745
98	86	839	2,778	5,830	2,099	1,631
99	87	489	1,529	3,052	1,996	1,528
100	88	271	0,800	1,523	1,904	1,436

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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13	0	99 513	46 655,423	793 067,860	16,998	16,530
14	1	99 204	43 878,063	746 412,438	17,011	16,543
15	2	99 166	41 378,522	702 534,374	16,978	16,510
16	3	99 138	39 025,252	661 155,852	16,942	16,474
17	4	99 103	36 803,369	622 130,600	16,904	16,436
18	5	99 066	34 707,298	585 327,232	16,865	16,397
19	6	99 020	32 727,273	550 619,933	16,824	16,357
20	7	98 971	30 859,777	517 892,661	16,782	16,314
21	8	98 924	29 099,074	487 032,883	16,737	16,269
22	9	98 877	27 438,919	457 933,810	16,689	16,221
23	10	98 826	25 872,446	430 494,891	16,639	16,171
24	11	98 780	24 396,545	404 622,444	16,585	16,117
25	12	98 725	23 002,901	380 225,899	16,529	16,062
26	13	98 674	21 689,643	357 222,999	16,470	16,002
27	14	98 620	20 450,611	335 533,356	16,407	15,939
28	15	98 565	19 282,341	315 082,744	16,340	15,873
29	16	98 506	18 179,856	295 800,403	16,271	15,803
30	17	98 440	17 139,337	277 620,547	16,198	15,730
31	18	98 371	16 157,908	260 481,210	16,121	15,653
32	19	98 291	15 230,920	244 323,303	16,041	15,573
33	20	98 212	14 357,173	229 092,383	15,957	15,489
34	21	98 122	13 532,090	214 735,210	15,869	15,401
35	22	98 030	12 754,195	201 203,120	15,775	15,307
36	23	97 935	12 020,649	188 448,925	15,677	15,209
37	24	97 833	11 328,449	176 428,276	15,574	15,106
38	25	97 720	10 674,824	165 099,826	15,466	14,998
39	26	97 597	10 057,923	154 425,002	15,354	14,886
40	27	97 470	9 476,252	144 367,080	15,235	14,767
41	28	97 328	8 926,874	134 890,827	15,111	14,643
42	29	97 176	8 408,365	125 963,953	14,981	14,513
43	30	97 011	7 918,941	117 555,588	14,845	14,377
44	31	96 831	7 456,831	109 636,647	14,703	14,235
45	32	96 626	7 019,893	102 179,816	14,556	14,088
46	33	96 404	6 607,304	95 159,923	14,402	13,934
47	34	96 159	6 217,481	88 552,619	14,243	13,775
48	35	95 892	5 849,284	82 335,138	14,076	13,608
49	36	95 598	5 501,270	76 485,854	13,903	13,435
50	37	95 271	5 172,085	70 984,584	13,725	13,257
51	38	94 909	4 860,797	65 812,499	13,539	13,071
52	39	94 500	4 565,925	60 951,702	13,349	12,881
53	40	94 053	4 287,062	56 385,777	13,153	12,685
54	41	93 547	4 022,640	52 098,715	12,951	12,483
55	42	92 980	3 771,974	48 076,075	12,746	12,278
56	43	92 357	3 534,618	44 304,101	12,534	12,066
57	44	91 666	3 309,572	40 769,483	12,319	11,851
58	45	90 905	3 096,336	37 459,911	12,098	11,630
59	46	90 060	2 893,908	34 363,575	11,874	11,406
60	47	89 146	2 702,408	31 469,667	11,645	11,177
61	48	88 149	2 520,918	28 767,259	11,411	10,943
62	49	87 056	2 348,739	26 246,341	11,175	10,707
63	50	85 866	2 185,505	23 897,601	10,935	10,467
64	51	84 595	2 031,268	21 712,096	10,689	10,221
65	52	83 210	1 884,931	19 680,828	10,441	9,973
66	53	81 736	1 746,730	17 795,897	10,188	9,720
67	54	80 172	1 616,333	16 049,168	9,929	9,461
68	55	78 502	1 493,076	14 432,835	9,667	9,199
69	56	76 746	1 377,062	12 939,759	9,397	8,929
70	57	74 858	1 267,156	11 562,697	9,125	8,657
71	58	72 902	1 164,182	10 295,542	8,844	8,376
72	59	70 796	1 066,565	9 131,360	8,561	8,094
73	60	68 618	975,235	8 064,795	8,270	7,802
74	61	66 294	888,871	7 089,560	7,976	7,508
75	62	63 868	807,871	6 200,688	7,675	7,207
76	63	61 342	732,000	5 392,817	7,367	6,899
77	64	58 663	660,409	4 660,817	7,057	6,590
78	65	55 855	593,206	4 000,408	6,744	6,276
79	66	52 890	529,925	3 407,202	6,430	5,962
80	67	49 781	470,540	2 877,277	6,115	5,647
81	68	46 527	414,887	2 406,738	5,801	5,333
82	69	43 069	362,313	1 991,851	5,498	5,030
83	70	39 478	313,308	1 629,537	5,201	4,733
84	71	35 805	268,075	1 316,229	4,910	4,442
85	72	32 066	226,489	1 048,154	4,628	4,160
86	73	28 284	188,468	821,665	4,360	3,892
87	74	24 545	154,296	633,197	4,104	3,636
88	75	20 923	124,079	478,901	3,860	3,392
89	76	17 469	97,733	354,822	3,631	3,163
90	77	14 270	75,317	257,089	3,413	2,945
91	78	11 401	56,769	181,772	3,202	2,734
92	79	8 881	41,717	125,002	2,996	2,528
93	80	6 663	29,528	83,286	2,821	2,353
94	81	4 857	20,307	53,758	2,647	2,179
95	82	3 395	13,388	33,451	2,499	2,031
96	83	2 291	8,523	20,063	2,354	1,886
97	84	1 464	5,140	11,539	2,245	1,777
98	85	908	3,007	6,400	2,128	1,660
99	86	536	1,675	3,393	2,025	1,557
100	87	302	0,889	1,718	1,932	1,464

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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14	0	99 503	44 010,330	746 784,392	16,968	16,500
15	1	99 191	41 388,784	702 774,062	16,980	16,512
16	2	99 150	39 030,101	661 385,278	16,946	16,478
17	3	99 113	36 807,165	622 355,178	16,909	16,441
18	4	99 076	34 710,620	585 548,013	16,869	16,401
19	5	99 028	32 730,188	550 837,393	16,830	16,362
20	6	98 980	30 862,507	518 107,205	16,788	16,320
21	7	98 929	29 100,426	487 244,698	16,744	16,276
22	8	98 884	27 440,831	458 144,272	16,696	16,228
23	9	98 832	25 874,029	430 703,441	16,646	16,178
24	10	98 786	24 397,972	404 829,412	16,593	16,125
25	11	98 733	23 004,679	380 431,440	16,537	16,069
26	12	98 682	21 691,346	357 426,760	16,478	16,010
27	13	98 629	20 452,538	335 735,414	16,415	15,947
28	14	98 574	19 284,119	315 282,876	16,349	15,881
29	15	98 517	18 182,068	295 998,756	16,280	15,812
30	16	98 454	17 141,861	277 816,688	16,207	15,739
31	17	98 384	16 160,108	260 674,828	16,131	15,663
32	18	98 310	15 233,921	244 514,719	16,051	15,583
33	19	98 229	14 359,683	229 280,798	15,967	15,499
34	20	98 140	13 534,592	214 921,115	15,879	15,411
35	21	98 046	12 756,299	201 386,523	15,787	15,319
36	22	97 951	12 022,607	188 630,225	15,690	15,222
37	23	97 851	11 330,489	176 607,618	15,587	15,119
38	24	97 738	10 676,745	165 277,129	15,480	15,012
39	25	97 616	10 059,836	154 600,385	15,368	14,900
40	26	97 488	9 478,036	144 540,548	15,250	14,782
41	27	97 349	8 928,796	135 062,512	15,127	14,659
42	28	97 199	8 410,347	126 133,717	14,997	14,529
43	29	97 036	7 920,991	117 723,370	14,862	14,394
44	30	96 861	7 459,196	109 802,379	14,720	14,252
45	31	96 656	7 022,098	102 343,182	14,574	14,106
46	32	96 437	6 609,569	95 321,084	14,422	13,954
47	33	96 194	6 219,722	88 711,516	14,263	13,795
48	34	95 931	5 851,659	82 491,793	14,097	13,629
49	35	95 638	5 503,538	76 640,134	13,926	13,458
50	36	95 314	5 174,457	71 136,596	13,748	13,280
51	37	94 954	4 863,105	65 962,138	13,564	13,096
52	38	94 557	4 568,681	61 099,033	13,373	12,905
53	39	94 109	4 289,641	56 530,352	13,178	12,710
54	40	93 611	4 025,400	52 240,711	12,978	12,510
55	41	93 049	3 774,768	48 215,311	12,773	12,305
56	42	92 431	3 537,426	44 440,543	12,563	12,095
57	43	91 749	3 312,580	40 903,117	12,348	11,880
58	44	90 993	3 099,344	37 590,537	12,129	11,661
59	45	90 164	2 897,246	34 491,193	11,905	11,437
60	46	89 255	2 705,702	31 593,946	11,677	11,209
61	47	88 270	2 524,378	28 888,244	11,444	10,976
62	48	87 195	2 352,489	26 363,866	11,207	10,739
63	49	86 016	2 189,332	24 011,377	10,967	10,499
64	50	84 752	2 035,039	21 822,045	10,723	10,255
65	51	83 389	1 888,979	19 787,006	10,475	10,007
66	52	81 927	1 750,814	17 898,027	10,223	9,755
67	53	80 379	1 620,494	16 147,213	9,964	9,496
68	54	78 729	1 497,401	14 526,719	9,701	9,233
69	55	76 996	1 381,545	13 029,318	9,431	8,963
70	56	75 127	1 271,704	11 647,772	9,159	8,691
71	57	73 189	1 168,768	10 376,068	8,878	8,410
72	58	71 105	1 071,224	9 207,300	8,595	8,127
73	59	68 942	979,847	8 136,076	8,303	7,835
74	60	66 645	893,586	7 156,229	8,008	7,540
75	61	64 233	812,491	6 262,643	7,708	7,240
76	62	61 720	736,518	5 450,152	7,400	6,932
77	63	59 062	664,896	4 713,634	7,089	6,621
78	64	56 276	597,672	4 048,738	6,774	6,306
79	65	53 315	534,182	3 451,065	6,460	5,992
80	66	50 221	474,699	2 916,883	6,145	5,677
81	67	46 972	418,859	2 442,184	5,831	5,363
82	68	43 525	366,145	2 023,325	5,526	5,058
83	69	39 940	316,971	1 657,180	5,228	4,760
84	70	36 262	271,495	1 340,209	4,936	4,468
85	71	32 512	229,635	1 068,714	4,654	4,186
86	72	28 709	191,302	839,078	4,386	3,918
87	73	24 955	156,872	647,776	4,129	3,661
88	74	21 303	126,333	490,905	3,886	3,418
89	75	17 811	99,649	364,571	3,659	3,191
90	76	14 584	76,977	264,922	3,442	2,974
91	77	11 679	58,153	187,945	3,232	2,764
92	78	9 131	42,894	129,792	3,026	2,558
93	79	6 879	30,486	86,898	2,850	2,382
94	80	5 041	21,076	56,412	2,677	2,209
95	81	3 546	13,985	35,337	2,527	2,059
96	82	2 410	8,966	21,352	2,381	1,913
97	83	1 552	5,449	12,386	2,273	1,805
98	84	971	3,217	6,937	2,157	1,689
99	85	580	1,813	3,721	2,052	1,584
100	86	330	0,974	1,907	1,959	1,491

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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15	0	99 490	41 513,546	703 118,029	16,937	16,469
16	1	99 175	39 039,780	661 604,483	16,947	16,479
17	2	99 126	36 811,738	622 564,702	16,912	16,444
18	3	99 086	34 714,200	585 752,965	16,874	16,406
19	4	99 038	32 733,320	551 038,765	16,834	16,366
20	5	98 989	30 865,257	518 305,445	16,793	16,325
21	6	98 937	29 103,000	487 440,188	16,749	16,281
22	7	98 889	27 442,106	458 337,188	16,702	16,234
23	8	98 839	25 875,832	430 895,082	16,652	16,184
24	9	98 792	24 399,465	405 019,250	16,600	16,132
25	10	98 739	23 006,025	380 619,785	16,544	16,076
26	11	98 690	21 693,024	357 613,760	16,485	16,017
27	12	98 637	20 454,144	335 920,736	16,423	15,955
28	13	98 584	19 285,936	315 466,591	16,357	15,889
29	14	98 527	18 183,745	296 180,655	16,288	15,820
30	15	98 466	17 143,947	277 996,910	16,215	15,747
31	16	98 399	16 162,488	260 852,964	16,139	15,671
32	17	98 324	15 235,996	244 690,476	16,060	15,592
33	18	98 248	14 362,512	229 454,480	15,976	15,508
34	19	98 157	13 536,958	215 091,968	15,889	15,421
35	20	98 064	12 758,657	201 555,009	15,798	15,330
36	21	97 967	12 024,589	188 796,352	15,701	15,233
37	22	97 867	11 332,334	176 771,762	15,599	15,131
38	23	97 755	10 678,667	165 439,429	15,493	15,025
39	24	97 633	10 061,647	154 760,762	15,381	14,913
40	25	97 507	9 479,840	144 699,115	15,264	14,796
41	26	97 368	8 930,476	135 219,276	15,141	14,673
42	27	97 220	8 412,157	126 288,800	15,013	14,545
43	28	97 059	7 922,858	117 876,643	14,878	14,410
44	29	96 886	7 461,127	109 953,785	14,737	14,269
45	30	96 687	7 024,325	102 492,657	14,591	14,123
46	31	96 467	6 611,645	95 468,332	14,439	13,971
47	32	96 227	6 221,854	88 856,687	14,281	13,813
48	33	95 966	5 853,769	82 634,833	14,117	13,649
49	34	95 677	5 505,774	76 781,064	13,946	13,478
50	35	95 354	5 176,591	71 275,291	13,769	13,301
51	36	94 997	4 865,336	66 098,700	13,586	13,118
52	37	94 602	4 570,851	61 233,364	13,396	12,929
53	38	94 166	4 292,230	56 662,513	13,201	12,733
54	39	93 667	4 027,821	52 370,283	13,002	12,534
55	40	93 113	3 777,358	48 342,462	12,798	12,330
56	41	92 499	3 540,047	44 565,104	12,589	12,121
57	42	91 822	3 315,211	41 025,057	12,375	11,907
58	43	91 076	3 102,161	37 709,846	12,156	11,688
59	44	90 251	2 900,061	34 607,684	11,933	11,465
60	45	89 358	2 708,824	31 707,623	11,705	11,237
61	46	88 377	2 527,455	28 998,800	11,474	11,006
62	47	87 315	2 355,717	26 471,345	11,237	10,769
63	48	86 154	2 192,828	24 115,628	10,998	10,530
64	49	84 900	2 038,603	21 922,800	10,754	10,286
65	50	83 544	1 892,486	19 884,197	10,507	10,039
66	51	82 103	1 754,574	17 991,712	10,254	9,786
67	52	80 567	1 624,283	16 237,138	9,996	9,529
68	53	78 932	1 501,256	14 612,854	9,734	9,266
69	54	77 219	1 385,548	13 111,598	9,463	8,995
70	55	75 372	1 275,845	11 726,050	9,191	8,723
71	56	73 452	1 172,964	10 450,205	8,909	8,441
72	57	71 386	1 075,444	9 277,241	8,626	8,158
73	58	69 244	984,127	8 201,797	8,334	7,866
74	59	66 961	897,811	7 217,670	8,039	7,571
75	60	64 574	816,801	6 319,859	7,737	7,269
76	61	62 073	740,730	5 503,058	7,429	6,961
77	62	59 426	669,000	4 762,328	7,119	6,651
78	63	56 658	601,733	4 093,328	6,803	6,335
79	64	53 717	538,204	3 491,595	6,487	6,020
80	65	50 625	478,513	2 953,391	6,172	5,704
81	66	47 388	422,561	2 474,878	5,857	5,389
82	67	43 941	369,650	2 052,316	5,552	5,084
83	68	40 362	320,323	1 682,666	5,253	4,785
84	69	36 686	274,669	1 362,343	4,960	4,492
85	70	32 926	232,566	1 087,674	4,677	4,209
86	71	29 108	193,960	855,108	4,409	3,941
87	72	25 330	159,230	661,149	4,152	3,684
88	73	21 658	128,442	501,918	3,908	3,440
89	74	18 135	101,459	373,477	3,681	3,213
90	75	14 870	78,487	272,017	3,466	2,998
91	76	11 936	59,435	193,531	3,256	2,788
92	77	9 354	43,940	134,096	3,052	2,584
93	78	7 073	31,346	90,156	2,876	2,408
94	79	5 205	21,759	58,810	2,703	2,235
95	80	3 680	14,514	37,051	2,553	2,085
96	81	2 517	9,366	22,537	2,406	1,938
97	82	1 633	5,732	13,171	2,298	1,830
98	83	1 030	3,410	7,440	2,182	1,714
99	84	621	1,940	4,030	2,078	1,610
100	85	358	1,054	2,090	1,983	1,515

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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16	0	99 474	39 157,462	661 922,612	16,904	16,436
17	1	99 150	36 820,867	622 765,150	16,913	16,445
18	2	99 098	34 718,513	585 944,283	16,877	16,409
19	3	99 048	32 736,696	551 225,770	16,838	16,370
20	4	98 999	30 868,211	518 489,074	16,797	16,329
21	5	98 946	29 105,593	487 620,863	16,754	16,286
22	6	98 897	27 444,534	458 515,271	16,707	16,239
23	7	98 844	25 877,034	431 070,737	16,658	16,190
24	8	98 799	24 401,165	405 193,703	16,606	16,138
25	9	98 745	23 007,433	380 792,537	16,551	16,083
26	10	98 696	21 694,293	357 785,105	16,492	16,024
27	11	98 645	20 455,726	336 090,812	16,430	15,962
28	12	98 591	19 287,451	315 635,086	16,365	15,897
29	13	98 536	18 185,458	296 347,635	16,296	15,828
30	14	98 475	17 145,528	278 162,177	16,224	15,756
31	15	98 411	16 164,455	261 016,649	16,148	15,680
32	16	98 338	15 238,240	244 852,195	16,068	15,600
33	17	98 261	14 364,468	229 613,955	15,985	15,517
34	18	98 176	13 539,626	215 249,487	15,898	15,430
35	19	98 081	12 760,888	201 709,861	15,807	15,339
36	20	97 985	12 026,813	188 948,973	15,711	15,243
37	21	97 883	11 334,203	176 922,160	15,610	15,142
38	22	97 771	10 680,405	165 587,957	15,504	15,036
39	23	97 651	10 063,458	154 907,552	15,393	14,925
40	24	97 525	9 481,546	144 844,094	15,276	14,808
41	25	97 386	8 932,175	135 362,549	15,154	14,687
42	26	97 238	8 413,740	126 430,373	15,027	14,559
43	27	97 080	7 924,563	118 016,633	14,893	14,425
44	28	96 909	7 462,886	110 092,069	14,752	14,284
45	29	96 712	7 026,143	102 629,184	14,607	14,139
46	30	96 498	6 613,742	95 603,040	14,455	13,987
47	31	96 257	6 223,809	88 989,298	14,298	13,830
48	32	95 999	5 855,775	82 765,490	14,134	13,666
49	33	95 711	5 507,758	76 909,715	13,964	13,496
50	34	95 392	5 178,693	71 401,956	13,788	13,320
51	35	95 037	4 867,342	66 223,263	13,606	13,138
52	36	94 646	4 572,948	61 355,921	13,417	12,949
53	37	94 211	4 294,268	56 782,974	13,223	12,755
54	38	93 724	4 030,253	52 488,705	13,024	12,556
55	39	93 169	3 779,630	48 458,453	12,821	12,353
56	40	92 563	3 542,476	44 678,822	12,612	12,144
57	41	91 890	3 317,667	41 136,346	12,399	11,931
58	42	91 148	3 104,626	37 818,679	12,181	11,713
59	43	90 333	2 902,697	34 714,054	11,959	11,491
60	44	89 445	2 711,455	31 811,357	11,732	11,264
61	45	88 479	2 530,370	29 099,901	11,500	11,032
62	46	87 421	2 358,589	26 569,531	11,265	10,797
63	47	86 272	2 195,837	24 210,942	11,026	10,558
64	48	85 036	2 041,858	22 015,106	10,782	10,314
65	49	83 690	1 895,800	19 973,248	10,536	10,068
66	50	82 255	1 757,832	18 077,448	10,284	9,816
67	51	80 740	1 627,771	16 319,617	10,026	9,558
68	52	79 117	1 504,766	14 691,846	9,764	9,296
69	53	77 418	1 389,115	13 187,079	9,493	9,025
70	54	75 590	1 279,541	11 797,964	9,220	8,752
71	55	73 691	1 176,783	10 518,423	8,938	8,470
72	56	71 642	1 079,305	9 341,640	8,655	8,187
73	57	69 516	988,004	8 262,335	8,363	7,895
74	58	67 253	901,733	7 274,331	8,067	7,599
75	59	64 879	820,663	6 372,598	7,765	7,297
76	60	62 403	744,659	5 551,935	7,456	6,988
77	61	59 766	672,825	4 807,276	7,145	6,677
78	62	57 008	605,448	4 134,451	6,829	6,361
79	63	54 082	541,861	3 529,003	6,513	6,045
80	64	51 006	482,116	2 987,142	6,196	5,728
81	65	47 768	425,956	2 505,026	5,881	5,413
82	66	44 330	372,918	2 079,070	5,575	5,107
83	67	40 749	323,390	1 706,152	5,276	4,808
84	68	37 074	277,574	1 382,762	4,982	4,514
85	69	33 311	235,284	1 105,188	4,697	4,229
86	70	29 480	196,434	869,904	4,428	3,961
87	71	25 682	161,442	673,470	4,172	3,704
88	72	21 984	130,373	512,027	3,927	3,459
89	73	18 438	103,153	381,654	3,700	3,232
90	74	15 141	79,912	278,502	3,485	3,017
91	75	12 171	60,600	198,589	3,277	2,809
92	76	9 560	44,908	137,989	3,073	2,605
93	77	7 246	32,110	93,081	2,899	2,431
94	78	5 352	22,373	60,970	2,725	2,257
95	79	3 799	14,985	38,597	2,576	2,108
96	80	2 612	9,720	23,612	2,429	1,961
97	81	1 706	5,987	13,892	2,320	1,852
98	82	1 083	3,587	7,905	2,204	1,736
99	83	658	2,056	4,318	2,100	1,632
100	84	383	1,128	2,262	2,006	1,538

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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17	0	99 449	36 931,860	623 059,415	16,871	16,403
18	1	99 123	34 727,123	586 127,555	16,878	16,410
19	2	99 060	32 740,764	551 400,432	16,841	16,373
20	3	99 009	30 871,394	518 659,669	16,801	16,333
21	4	98 956	29 108,378	487 788,274	16,758	16,290
22	5	98 906	27 446,979	458 679,896	16,711	16,244
23	6	98 853	25 879,324	431 232,918	16,663	16,195
24	7	98 803	24 402,299	405 353,594	16,611	16,143
25	8	98 752	23 009,036	380 951,295	16,557	16,089
26	9	98 702	21 695,620	357 942,259	16,498	16,030
27	10	98 650	20 456,923	336 246,639	16,437	15,969
28	11	98 599	19 288,943	315 789,716	16,372	15,904
29	12	98 544	18 186,886	296 500,774	16,303	15,835
30	13	98 484	17 147,143	278 313,888	16,231	15,763
31	14	98 420	16 165,945	261 166,745	16,155	15,687
32	15	98 350	15 240,094	245 000,799	16,076	15,608
33	16	98 276	14 366,584	229 760,705	15,993	15,525
34	17	98 190	13 541,470	215 394,122	15,906	15,438
35	18	98 101	12 763,402	201 852,652	15,815	15,347
36	19	98 003	12 028,916	189 089,250	15,720	15,252
37	20	97 901	11 336,298	177 060,334	15,619	15,151
38	21	97 787	10 682,167	165 724,036	15,514	15,046
39	22	97 667	10 065,096	155 041,869	15,404	14,936
40	23	97 542	9 483,252	144 976,772	15,288	14,820
41	24	97 404	8 933,783	135 493,520	15,166	14,698
42	25	97 256	8 415,341	126 559,737	15,039	14,571
43	26	97 098	7 926,055	118 144,396	14,906	14,438
44	27	96 930	7 464,492	110 218,341	14,766	14,298
45	28	96 735	7 027,800	102 753,849	14,621	14,153
46	29	96 523	6 615,454	95 726,049	14,470	14,002
47	30	96 287	6 225,783	89 110,595	14,313	13,845
48	31	96 029	5 857,614	82 884,812	14,150	13,682
49	32	95 744	5 509,646	77 027,198	13,980	13,512
50	33	95 427	5 180,560	71 517,552	13,805	13,337
51	34	95 075	4 869,319	66 336,992	13,623	13,155
52	35	94 685	4 574,833	61 467,674	13,436	12,968
53	36	94 254	4 296,238	56 892,840	13,242	12,775
54	37	93 768	4 032,166	52 596,602	13,044	12,576
55	38	93 225	3 781,912	48 564,436	12,841	12,373
56	39	92 618	3 544,607	44 782,524	12,634	12,166
57	40	91 953	3 319,944	41 237,917	12,421	11,953
58	41	91 216	3 106,925	37 917,974	12,204	11,736
59	42	90 405	2 905,003	34 811,048	11,983	11,515
60	43	89 526	2 713,920	31 906,045	11,756	11,288
61	44	88 565	2 532,829	29 192,126	11,526	11,058
62	45	87 522	2 361,310	26 659,297	11,290	10,822
63	46	86 377	2 198,514	24 297,987	11,052	10,584
64	47	85 152	2 044,659	22 099,474	10,808	10,340
65	48	83 824	1 898,826	20 054,815	10,562	10,094
66	49	82 399	1 760,910	18 155,988	10,311	9,843
67	50	80 889	1 630,793	16 395,078	10,053	9,585
68	51	79 287	1 507,998	14 764,285	9,791	9,323
69	52	77 599	1 392,363	13 256,287	9,521	9,053
70	53	75 785	1 282,835	11 863,924	9,248	8,780
71	54	73 904	1 180,192	10 581,089	8,966	8,498
72	55	71 875	1 082,819	9 400,897	8,682	8,214
73	56	69 766	991,551	8 318,078	8,389	7,921
74	57	67 518	905,286	7 326,527	8,093	7,625
75	58	65 163	824,248	6 421,241	7,790	7,322
76	59	62 698	748,180	5 596,993	7,481	7,013
77	60	60 083	676,394	4 848,813	7,169	6,701
78	61	57 334	608,910	4 172,419	6,852	6,384
79	62	54 416	545,206	3 563,509	6,536	6,068
80	63	51 352	485,391	3 018,303	6,218	5,750
81	64	48 128	429,163	2 532,912	5,902	5,434
82	65	44 686	375,914	2 103,749	5,596	5,128
83	66	41 109	326,248	1 727,835	5,296	4,828
84	67	37 429	280,231	1 401,586	5,002	4,534
85	68	33 664	237,773	1 121,355	4,716	4,248
86	69	29 824	198,731	883,583	4,446	3,978
87	70	26 010	163,502	684,852	4,189	3,721
88	71	22 289	132,184	521,350	3,944	3,476
89	72	18 715	104,704	389,165	3,717	3,249
90	73	15 393	81,246	284,461	3,501	3,033
91	74	12 392	61,701	203,215	3,294	2,826
92	75	9 748	45,789	141,514	3,091	2,623
93	76	7 406	32,818	95,725	2,917	2,449
94	77	5 482	22,919	62,907	2,745	2,277
95	78	3 907	15,408	39,989	2,595	2,127
96	79	2 697	10,035	24,581	2,449	1,982
97	80	1 770	6,214	14,546	2,341	1,873
98	81	1 132	3,747	8,332	2,224	1,756
99	82	692	2,163	4,585	2,120	1,652
100	83	406	1,195	2,422	2,026	1,558

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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18	0	99 422	34 831,804	586 399,781	16,835	16,367
19	1	99 085	32 748,883	551 567,976	16,842	16,374
20	2	99 021	30 875,230	518 819,093	16,804	16,336
21	3	98 966	29 111,380	487 943,863	16,761	16,293
22	4	98 916	27 449,605	458 832,483	16,715	16,247
23	5	98 861	25 881,629	431 382,878	16,668	16,200
24	6	98 812	24 404,458	405 501,248	16,616	16,148
25	7	98 756	23 010,105	381 096,791	16,562	16,094
26	8	98 709	21 697,132	358 086,686	16,504	16,036
27	9	98 656	20 458,174	336 389,554	16,443	15,975
28	10	98 605	19 290,071	315 931,380	16,378	15,910
29	11	98 551	18 188,293	296 641,309	16,309	15,841
30	12	98 492	17 148,490	278 453,016	16,238	15,770
31	13	98 429	16 167,469	261 304,527	16,162	15,694
32	14	98 359	15 241,499	245 137,058	16,084	15,616
33	15	98 288	14 368,332	229 895,559	16,000	15,532
34	16	98 204	13 543,464	215 527,227	15,914	15,446
35	17	98 114	12 765,141	201 983,763	15,823	15,355
36	18	98 022	12 031,286	189 218,623	15,727	15,259
37	19	97 918	11 338,280	177 187,337	15,627	15,159
38	20	97 805	10 684,142	165 849,056	15,523	15,055
39	21	97 683	10 066,756	155 164,914	15,414	14,946
40	22	97 558	9 484,796	145 098,158	15,298	14,830
41	23	97 421	8 935,391	135 613,361	15,177	14,709
42	24	97 274	8 416,856	126 677,970	15,051	14,583
43	25	97 116	7 927,563	118 261,115	14,918	14,450
44	26	96 948	7 465,897	110 333,552	14,778	14,310
45	27	96 756	7 029,312	102 867,655	14,634	14,166
46	28	96 545	6 617,013	95 838,343	14,484	14,016
47	29	96 312	6 227,394	89 221,329	14,327	13,859
48	30	96 059	5 859,472	82 993,935	14,164	13,696
49	31	95 774	5 511,377	77 134,462	13,995	13,528
50	32	95 459	5 182,335	71 623,086	13,821	13,353
51	33	95 109	4 871,074	66 440,750	13,640	13,172
52	34	94 723	4 576,691	61 569,676	13,453	12,985
53	35	94 293	4 298,009	56 992,985	13,260	12,792
54	36	93 811	4 034,016	52 694,976	13,063	12,595
55	37	93 270	3 783,708	48 660,960	12,861	12,393
56	38	92 674	3 546,746	44 877,252	12,653	12,185
57	39	92 008	3 321,941	41 330,505	12,442	11,974
58	40	91 279	3 109,057	38 008,565	12,225	11,757
59	41	90 472	2 907,155	34 899,507	12,005	11,537
60	42	89 597	2 716,076	31 992,353	11,779	11,311
61	43	88 646	2 535,131	29 276,277	11,548	11,080
62	44	87 607	2 363,604	26 741,146	11,314	10,846
63	45	86 477	2 201,050	24 377,543	11,075	10,607
64	46	85 256	2 047,152	22 176,493	10,833	10,365
65	47	83 939	1 901,432	20 129,341	10,586	10,118
66	48	82 531	1 763,721	18 227,909	10,335	9,867
67	49	81 031	1 633,649	16 464,188	10,078	9,610
68	50	79 434	1 510,797	14 830,539	9,816	9,348
69	51	77 766	1 395,353	13 319,741	9,546	9,078
70	52	75 962	1 285,835	11 924,389	9,274	8,806
71	53	74 094	1 183,231	10 638,554	8,991	8,523
72	54	72 083	1 085,956	9 455,323	8,707	8,239
73	55	69 993	994,780	8 369,367	8,413	7,945
74	56	67 760	908,536	7 374,588	8,117	7,649
75	57	65 419	827,495	6 466,052	7,814	7,346
76	58	62 972	751,448	5 638,557	7,504	7,036
77	59	60 367	679,592	4 887,109	7,191	6,723
78	60	57 638	612,139	4 207,516	6,873	6,405
79	61	54 727	548,324	3 595,377	6,557	6,089
80	62	51 669	488,387	3 047,053	6,239	5,771
81	63	48 455	432,079	2 558,666	5,922	5,454
82	64	45 022	378,744	2 126,586	5,615	5,147
83	65	41 439	328,870	1 747,842	5,315	4,847
84	66	37 760	282,708	1 418,973	5,019	4,551
85	67	33 986	240,049	1 136,264	4,733	4,266
86	68	30 140	200,833	896,216	4,463	3,995
87	69	26 314	165,414	695,383	4,204	3,736
88	70	22 574	133,871	529,969	3,959	3,491
89	71	18 975	106,158	396,099	3,731	3,263
90	72	15 625	82,468	289,940	3,516	3,048
91	73	12 598	62,731	207,472	3,307	2,839
92	74	9 925	46,621	144,741	3,105	2,637
93	75	7 551	33,461	98,121	2,932	2,464
94	76	5 603	23,424	64,659	2,760	2,292
95	77	4 002	15,783	41,235	2,613	2,145
96	78	2 773	10,318	25,452	2,467	1,999
97	79	1 828	6,415	15,134	2,359	1,891
98	80	1 174	3,889	8,718	2,242	1,774
99	81	723	2,259	4,829	2,137	1,670
100	82	427	1,257	2,570	2,044	1,576

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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19	0	99 384	32 847,602	551 819,837	16,799	16,331
20	1	99 046	30 882,887	518 972,235	16,805	16,337
21	2	98 978	29 114,997	488 089,348	16,764	16,296
22	3	98 926	27 452,436	458 974,351	16,719	16,251
23	4	98 871	25 884,106	431 521,915	16,671	16,203
24	5	98 821	24 406,632	405 637,809	16,620	16,152
25	6	98 765	23 012,141	381 231,177	16,567	16,099
26	7	98 713	21 698,140	358 219,037	16,509	16,041
27	8	98 663	20 459,600	336 520,897	16,448	15,980
28	9	98 611	19 291,251	316 061,297	16,384	15,916
29	10	98 557	18 189,357	296 770,046	16,316	15,848
30	11	98 500	17 149,816	278 580,689	16,244	15,776
31	12	98 437	16 168,738	261 430,874	16,169	15,701
32	13	98 369	15 242,935	245 262,135	16,090	15,622
33	14	98 297	14 369,657	230 019,200	16,007	15,539
34	15	98 216	13 545,112	215 649,543	15,921	15,453
35	16	98 128	12 767,021	202 104,431	15,830	15,362
36	17	98 035	12 032,924	189 337,411	15,735	15,267
37	18	97 938	11 340,514	177 304,486	15,635	15,167
38	19	97 822	10 686,010	165 963,972	15,531	15,063
39	20	97 701	10 068,618	155 277,962	15,422	14,954
40	21	97 574	9 486,361	145 209,344	15,307	14,839
41	22	97 437	8 936,846	135 722,983	15,187	14,719
42	23	97 291	8 418,371	126 786,137	15,061	14,593
43	24	97 134	7 928,990	118 367,767	14,928	14,461
44	25	96 967	7 467,317	110 438,777	14,790	14,322
45	26	96 774	7 030,635	102 971,460	14,646	14,178
46	27	96 566	6 618,438	95 940,824	14,496	14,028
47	28	96 335	6 228,862	89 322,387	14,340	13,872
48	29	96 084	5 860,989	83 093,525	14,177	13,709
49	30	95 804	5 513,125	77 232,535	14,009	13,541
50	31	95 489	5 183,963	71 719,410	13,835	13,367
51	32	95 142	4 872,744	66 535,447	13,655	13,187
52	33	94 757	4 578,341	61 662,704	13,468	13,000
53	34	94 331	4 299,755	57 084,363	13,276	12,808
54	35	93 850	4 035,679	52 784,608	13,079	12,612
55	36	93 312	3 785,444	48 748,928	12,878	12,410
56	37	92 718	3 548,431	44 963,485	12,671	12,203
57	38	92 064	3 323,946	41 415,054	12,460	11,992
58	39	91 333	3 110,927	38 091,108	12,244	11,776
59	40	90 534	2 909,149	34 980,181	12,024	11,556
60	41	89 663	2 718,088	32 071,031	11,799	11,331
61	42	88 716	2 537,145	29 352,944	11,569	11,101
62	43	87 687	2 365,752	26 815,799	11,335	10,867
63	44	86 561	2 203,188	24 450,047	11,098	10,630
64	45	85 354	2 049,513	22 246,859	10,855	10,387
65	46	84 041	1 903,750	20 197,346	10,609	10,141
66	47	82 644	1 766,141	18 293,596	10,358	9,890
67	48	81 160	1 636,257	16 527,455	10,101	9,633
68	49	79 573	1 513,443	14 891,197	9,839	9,371
69	50	77 910	1 397,944	13 377,754	9,570	9,102
70	51	76 125	1 288,596	11 979,811	9,297	8,829
71	52	74 268	1 185,997	10 691,215	9,015	8,547
72	53	72 269	1 088,751	9 505,217	8,730	8,262
73	54	70 196	997,662	8 416,466	8,436	7,968
74	55	67 981	911,494	7 418,804	8,139	7,671
75	56	65 654	830,466	6 507,310	7,836	7,368
76	57	63 220	754,409	5 676,845	7,525	7,057
77	58	60 631	682,561	4 922,436	7,212	6,744
78	59	57 910	615,034	4 239,875	6,894	6,426
79	60	55 017	551,232	3 624,841	6,576	6,108
80	61	51 965	491,180	3 073,609	6,258	5,790
81	62	48 754	434,746	2 582,429	5,940	5,472
82	63	45 328	381,318	2 147,683	5,632	5,164
83	64	41 751	331,346	1 766,365	5,331	4,863
84	65	38 063	284,980	1 435,019	5,036	4,568
85	66	34 286	242,171	1 150,040	4,749	4,281
86	67	30 428	202,755	907,869	4,478	4,010
87	68	26 592	167,163	705,114	4,218	3,750
88	69	22 838	135,436	537,951	3,972	3,504
89	70	19 217	107,513	402,515	3,744	3,276
90	71	15 842	83,614	295,002	3,528	3,060
91	72	12 788	63,674	211,388	3,320	2,852
92	73	10 090	47,399	147,714	3,116	2,648
93	74	7 688	34,069	100,315	2,944	2,476
94	75	5 713	23,883	66,246	2,774	2,306
95	76	4 090	16,131	42,363	2,626	2,158
96	77	2 841	10,570	26,232	2,482	2,014
97	78	1 879	6,596	15,662	2,374	1,906
98	79	1 212	4,015	9,066	2,258	1,790
99	80	751	2,345	5,050	2,154	1,686
100	81	446	1,313	2,706	2,060	1,592

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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20	0	99 344	30 975,980	519 205,285	16,762	16,294
21	1	99 003	29 122,218	488 229,305	16,765	16,297
22	2	98 938	27 455,847	459 107,087	16,722	16,254
23	3	98 881	25 886,776	431 651,240	16,675	16,207
24	4	98 830	24 408,967	405 764,464	16,624	16,156
25	5	98 774	23 014,191	381 355,497	16,570	16,102
26	6	98 722	21 700,060	358 341,306	16,513	16,045
27	7	98 668	20 460,550	336 641,247	16,453	15,985
28	8	98 618	19 292,595	316 180,696	16,389	15,921
29	9	98 563	18 190,469	296 888,101	16,321	15,853
30	10	98 506	17 150,819	278 697,632	16,250	15,782
31	11	98 445	16 169,989	261 546,813	16,175	15,707
32	12	98 376	15 244,132	245 376,824	16,096	15,629
33	13	98 306	14 371,011	230 132,692	16,014	15,546
34	14	98 225	13 546,361	215 761,681	15,928	15,460
35	15	98 140	12 768,574	202 215,320	15,837	15,369
36	16	98 050	12 034,696	189 446,746	15,742	15,274
37	17	97 951	11 342,059	177 412,050	15,642	15,174
38	18	97 842	10 688,116	166 069,991	15,538	15,070
39	19	97 718	10 070,378	155 381,875	15,430	14,962
40	20	97 592	9 488,115	145 311,497	15,315	14,847
41	21	97 453	8 938,320	135 823,382	15,196	14,728
42	22	97 307	8 419,742	126 885,062	15,070	14,602
43	23	97 151	7 930,417	118 465,321	14,938	14,470
44	24	96 984	7 468,661	110 534,904	14,800	14,332
45	25	96 792	7 031,973	103 066,242	14,657	14,189
46	26	96 584	6 619,683	96 034,269	14,507	14,039
47	27	96 356	6 230,203	89 414,586	14,352	13,884
48	28	96 107	5 862,371	83 184,383	14,190	13,722
49	29	95 829	5 514,552	77 322,013	14,021	13,553
50	30	95 520	5 185,608	71 807,461	13,847	13,379
51	31	95 172	4 874,274	66 621,853	13,668	13,200
52	32	94 790	4 579,910	61 747,579	13,482	13,014
53	33	94 365	4 301,305	57 167,669	13,291	12,823
54	34	93 888	4 037,318	52 866,364	13,094	12,626
55	35	93 351	3 787,004	48 829,045	12,894	12,426
56	36	92 761	3 550,058	45 042,041	12,688	12,220
57	37	92 107	3 325,524	41 491,983	12,477	12,009
58	38	91 389	3 112,805	38 166,458	12,261	11,793
59	39	90 589	2 910,899	35 053,653	12,042	11,574
60	40	89 725	2 719,953	32 142,754	11,817	11,349
61	41	88 782	2 539,024	29 422,801	11,588	11,120
62	42	87 756	2 367,631	26 883,777	11,355	10,887
63	43	86 639	2 205,190	24 516,146	11,117	10,650
64	44	85 437	2 051,504	22 310,955	10,875	10,407
65	45	84 138	1 905,946	20 259,451	10,630	10,162
66	46	82 745	1 768,294	18 353,505	10,379	9,911
67	47	81 272	1 638,503	16 585,210	10,122	9,654
68	48	79 700	1 515,859	14 946,708	9,860	9,392
69	49	78 047	1 400,392	13 430,848	9,591	9,123
70	50	76 266	1 290,988	12 030,457	9,319	8,851
71	51	74 427	1 188,544	10 739,468	9,036	8,568
72	52	72 438	1 091,297	9 550,924	8,752	8,284
73	53	70 377	1 000,230	8 459,627	8,458	7,990
74	54	68 178	914,134	7 459,397	8,160	7,692
75	55	65 868	833,170	6 545,263	7,856	7,388
76	56	63 447	757,117	5 712,093	7,545	7,077
77	57	60 870	685,250	4 954,976	7,231	6,763
78	58	58 163	617,721	4 269,726	6,912	6,444
79	59	55 277	553,838	3 652,005	6,594	6,126
80	60	52 241	493,785	3 098,167	6,274	5,806
81	61	49 033	437,232	2 604,382	5,957	5,489
82	62	45 608	383,671	2 167,149	5,648	5,180
83	63	42 035	333,597	1 783,478	5,346	4,878
84	64	38 350	287,125	1 449,881	5,050	4,582
85	65	34 562	244,116	1 162,755	4,763	4,295
86	66	30 697	204,547	918,639	4,491	4,023
87	67	26 847	168,763	714,092	4,231	3,763
88	68	23 079	136,868	545,328	3,984	3,516
89	69	19 442	108,770	408,460	3,755	3,287
90	70	16 044	84,680	299,690	3,539	3,071
91	71	12 966	64,559	215,010	3,330	2,862
92	72	10 242	48,111	150,451	3,127	2,659
93	73	7 816	34,638	102,340	2,955	2,487
94	74	5 817	24,317	67,702	2,784	2,316
95	75	4 170	16,448	43,385	2,638	2,170
96	76	2 903	10,803	26,937	2,494	2,026
97	77	1 925	6,757	16,134	2,388	1,920
98	78	1 247	4,128	9,377	2,271	1,803
99	79	775	2,421	5,249	2,168	1,700
100	80	463	1,363	2,828	2,075	1,607

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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21	0	99 301	29 210,004	488 444,975	16,722	16,254
22	1	98 963	27 462,656	459 234,972	16,722	16,254
23	2	98 893	25 889,992	431 772,315	16,677	16,209
24	3	98 841	24 411,485	405 882,324	16,627	16,159
25	4	98 783	23 016,393	381 470,839	16,574	16,106
26	5	98 731	21 701,993	358 454,446	16,517	16,049
27	6	98 677	20 462,361	336 752,453	16,457	15,989
28	7	98 622	19 293,492	316 290,092	16,394	15,926
29	8	98 570	18 191,737	296 996,601	16,326	15,858
30	9	98 512	17 151,868	278 804,864	16,255	15,787
31	10	98 450	16 170,935	261 652,996	16,180	15,712
32	11	98 384	15 245,311	245 482,061	16,102	15,634
33	12	98 314	14 372,139	230 236,750	16,020	15,552
34	13	98 234	13 547,637	215 864,611	15,934	15,466
35	14	98 149	12 769,751	202 316,973	15,843	15,375
36	15	98 062	12 036,161	189 547,222	15,748	15,280
37	16	97 965	11 343,729	177 511,061	15,648	15,180
38	17	97 855	10 689,571	166 167,332	15,545	15,077
39	18	97 737	10 072,363	155 477,760	15,436	14,968
40	19	97 609	9 489,774	145 405,398	15,322	14,854
41	20	97 471	8 939,973	135 915,624	15,203	14,735
42	21	97 323	8 421,130	126 975,652	15,078	14,610
43	22	97 167	7 931,708	118 554,521	14,947	14,479
44	23	97 002	7 470,006	110 622,813	14,809	14,341
45	24	96 810	7 033,238	103 152,808	14,666	14,199
46	25	96 603	6 620,943	96 119,569	14,518	14,050
47	26	96 374	6 231,375	89 498,626	14,363	13,895
48	27	96 128	5 863,632	83 267,251	14,201	13,733
49	28	95 852	5 515,852	77 403,619	14,033	13,565
50	29	95 544	5 186,950	71 887,767	13,859	13,391
51	30	95 202	4 875,820	66 700,817	13,680	13,212
52	31	94 820	4 581,349	61 824,996	13,495	13,027
53	32	94 397	4 302,779	57 243,648	13,304	12,836
54	33	93 922	4 038,774	52 940,868	13,108	12,640
55	34	93 389	3 788,542	48 902,095	12,908	12,440
56	35	92 799	3 551,522	45 113,552	12,703	12,235
57	36	92 150	3 327,050	41 562,030	12,492	12,024
58	37	91 432	3 114,283	38 234,981	12,277	11,809
59	38	90 643	2 912,656	35 120,697	12,058	11,590
60	39	89 779	2 721,589	32 208,041	11,834	11,366
61	40	88 843	2 540,766	29 486,452	11,605	11,137
62	41	87 821	2 369,385	26 945,685	11,372	10,904
63	42	86 708	2 206,942	24 576,300	11,136	10,668
64	43	85 515	2 053,369	22 369,358	10,894	10,426
65	44	84 220	1 907,798	20 315,989	10,649	10,181
66	45	82 840	1 770,334	18 408,191	10,398	9,930
67	46	81 371	1 640,500	16 637,857	10,142	9,674
68	47	79 809	1 517,939	14 997,357	9,880	9,412
69	48	78 171	1 402,627	13 479,418	9,610	9,142
70	49	76 400	1 293,249	12 076,790	9,338	8,870
71	50	74 565	1 190,751	10 783,541	9,056	8,588
72	51	72 593	1 093,641	9 592,790	8,771	8,303
73	52	70 541	1 002,569	8 499,150	8,477	8,009
74	53	68 353	916,488	7 496,581	8,180	7,712
75	54	66 059	835,583	6 580,093	7,875	7,407
76	55	63 653	759,582	5 744,510	7,563	7,095
77	56	61 088	687,710	4 984,928	7,249	6,781
78	57	58 393	620,154	4 297,218	6,929	6,461
79	58	55 519	556,258	3 677,063	6,610	6,142
80	59	52 488	496,120	3 120,806	6,290	5,822
81	60	49 293	439,551	2 624,685	5,971	5,503
82	61	45 869	385,865	2 185,134	5,663	5,195
83	62	42 294	335,656	1 799,269	5,360	4,892
84	63	38 610	289,076	1 463,613	5,063	4,595
85	64	34 822	245,954	1 174,536	4,775	4,307
86	65	30 944	206,191	928,582	4,504	4,036
87	66	27 084	170,255	722,391	4,243	3,775
88	67	23 300	138,178	552,136	3,996	3,528
89	68	19 647	109,920	413,958	3,766	3,298
90	69	16 231	85,670	304,037	3,549	3,081
91	70	13 131	65,383	218,367	3,340	2,872
92	71	10 384	48,780	152,985	3,136	2,668
93	72	7 934	35,159	104,205	2,964	2,496
94	73	5 914	24,723	69,046	2,793	2,325
95	74	4 246	16,746	44,323	2,647	2,179
96	75	2 960	11,015	27,577	2,504	2,036
97	76	1 967	6,906	16,562	2,398	1,930
98	77	1 277	4,229	9,656	2,283	1,815
99	78	797	2,489	5,427	2,180	1,712
100	79	478	1,407	2,938	2,087	1,619

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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22	0	99 261	27 545,440	459 434,590	16,679	16,211
23	1	98 918	25 896,413	431 889,150	16,678	16,210
24	2	98 853	24 414,518	405 992,738	16,629	16,161
25	3	98 794	23 018,767	381 578,220	16,577	16,109
26	4	98 740	21 704,070	358 559,453	16,520	16,052
27	5	98 685	20 464,183	336 855,384	16,461	15,993
28	6	98 631	19 295,198	316 391,200	16,397	15,929
29	7	98 574	18 192,582	297 096,002	16,331	15,863
30	8	98 518	17 153,063	278 903,420	16,260	15,792
31	9	98 456	16 171,924	261 750,356	16,185	15,718
32	10	98 390	15 246,203	245 578,432	16,108	15,640
33	11	98 322	14 373,251	230 332,229	16,025	15,557
34	12	98 242	13 548,701	215 958,978	15,939	15,471
35	13	98 159	12 770,955	202 410,277	15,849	15,381
36	14	98 071	12 037,271	189 639,322	15,754	15,286
37	15	97 977	11 345,110	177 602,052	15,655	15,187
38	16	97 869	10 691,145	166 256,942	15,551	15,083
39	17	97 751	10 073,734	155 565,797	15,443	14,975
40	18	97 628	9 491,644	145 492,063	15,328	14,860
41	19	97 488	8 941,536	136 000,419	15,210	14,742
42	20	97 341	8 422,687	127 058,883	15,085	14,617
43	21	97 183	7 933,016	118 636,196	14,955	14,487
44	22	97 017	7 471,222	110 703,180	14,817	14,349
45	23	96 827	7 034,504	103 231,958	14,675	14,207
46	24	96 620	6 622,134	96 197,453	14,527	14,059
47	25	96 392	6 232,561	89 575,319	14,372	13,904
48	26	96 146	5 864,736	83 342,758	14,211	13,743
49	27	95 872	5 517,039	77 478,022	14,043	13,575
50	28	95 567	5 188,172	71 960,983	13,870	13,402
51	29	95 227	4 877,082	66 772,810	13,691	13,223
52	30	94 850	4 582,802	61 895,728	13,506	13,038
53	31	94 427	4 304,131	57 312,926	13,316	12,848
54	32	93 954	4 040,158	53 008,795	13,120	12,653
55	33	93 422	3 789,908	48 968,637	12,921	12,453
56	34	92 837	3 552,964	45 178,729	12,716	12,248
57	35	92 188	3 328,422	41 625,765	12,506	12,038
58	36	91 474	3 115,712	38 297,343	12,292	11,824
59	37	90 686	2 914,040	35 181,631	12,073	11,605
60	38	89 833	2 723,232	32 267,591	11,849	11,381
61	39	88 896	2 542,295	29 544,360	11,621	11,153
62	40	87 881	2 371,011	27 002,065	11,388	10,920
63	41	86 772	2 208,577	24 631,054	11,152	10,684
64	42	85 583	2 055,000	22 422,477	10,911	10,443
65	43	84 296	1 909,532	20 367,477	10,666	10,198
66	44	82 921	1 772,054	18 457,945	10,416	9,948
67	45	81 465	1 642,392	16 685,891	10,160	9,692
68	46	79 907	1 519,790	15 043,499	9,898	9,430
69	47	78 279	1 404,552	13 523,709	9,628	9,161
70	48	76 522	1 295,314	12 119,157	9,356	8,888
71	49	74 696	1 192,836	10 823,843	9,074	8,606
72	50	72 728	1 095,671	9 631,007	8,790	8,322
73	51	70 693	1 004,722	8 535,336	8,495	8,027
74	52	68 513	918,631	7 530,614	8,198	7,730
75	53	66 229	837,734	6 611,983	7,893	7,425
76	54	63 838	761,783	5 774,249	7,580	7,112
77	55	61 287	689,949	5 012,466	7,265	6,797
78	56	58 602	622,380	4 322,517	6,945	6,477
79	57	55 737	558,449	3 700,136	6,626	6,158
80	58	52 717	498,288	3 141,687	6,305	5,837
81	59	49 526	441,630	2 643,400	5,986	5,518
82	60	46 112	387,912	2 201,770	5,676	5,208
83	61	42 536	337,576	1 813,858	5,373	4,905
84	62	38 849	290,861	1 476,282	5,076	4,608
85	63	35 059	247,626	1 185,422	4,787	4,319
86	64	31 177	207,743	937,796	4,514	4,046
87	65	27 301	171,623	730,053	4,254	3,786
88	66	23 506	139,400	558,430	4,006	3,538
89	67	19 835	110,972	419,030	3,776	3,308
90	68	16 403	86,576	308,058	3,558	3,090
91	69	13 284	66,147	221,481	3,348	2,880
92	70	10 517	49,402	155,334	3,144	2,676
93	71	8 044	35,647	105,932	2,972	2,504
94	72	6 003	25,095	70,285	2,801	2,333
95	73	4 317	17,026	45,190	2,654	2,186
96	74	3 014	11,215	28,165	2,511	2,043
97	75	2 006	7,041	16,950	2,407	1,939
98	76	1 305	4,322	9,908	2,292	1,824
99	77	816	2,550	5,586	2,191	1,723
100	78	491	1,447	3,036	2,098	1,630

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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23	0	99 216	25 974,475	432 073,936	16,635	16,167
24	1	98 877	24 420,573	406 099,461	16,629	16,161
25	2	98 806	23 021,627	381 678,889	16,579	16,111
26	3	98 750	21 706,308	358 657,262	16,523	16,055
27	4	98 695	20 466,142	336 950,954	16,464	15,996
28	5	98 640	19 296,917	316 484,812	16,401	15,933
29	6	98 583	18 194,192	297 187,895	16,334	15,866
30	7	98 523	17 153,860	278 993,703	16,264	15,796
31	8	98 463	16 173,051	261 839,843	16,190	15,722
32	9	98 396	15 247,136	245 666,792	16,112	15,644
33	10	98 327	14 374,091	230 419,656	16,030	15,562
34	11	98 250	13 549,749	216 045,565	15,945	15,477
35	12	98 166	12 771,958	202 495,816	15,855	15,387
36	13	98 080	12 038,405	189 723,858	15,760	15,292
37	14	97 986	11 346,156	177 685,453	15,660	15,192
38	15	97 881	10 692,446	166 339,297	15,557	15,089
39	16	97 765	10 075,218	155 646,851	15,448	14,981
40	17	97 642	9 492,936	145 571,633	15,335	14,867
41	18	97 508	8 943,298	136 078,697	15,216	14,748
42	19	97 358	8 424,160	127 135,400	15,092	14,624
43	20	97 201	7 934,483	118 711,240	14,961	14,493
44	21	97 033	7 472,454	110 776,756	14,825	14,357
45	22	96 843	7 035,650	103 304,302	14,683	14,215
46	23	96 638	6 623,326	96 268,652	14,535	14,067
47	24	96 410	6 233,683	89 645,326	14,381	13,913
48	25	96 164	5 865,852	83 411,643	14,220	13,752
49	26	95 890	5 518,077	77 545,791	14,053	13,585
50	27	95 588	5 189,289	72 027,714	13,880	13,412
51	28	95 249	4 878,232	66 838,425	13,701	13,233
52	29	94 874	4 583,988	61 960,193	13,517	13,049
53	30	94 457	4 305,496	57 376,205	13,326	12,858
54	31	93 983	4 041,427	53 070,708	13,132	12,664
55	32	93 454	3 791,207	49 029,281	12,932	12,464
56	33	92 870	3 554,245	45 238,074	12,728	12,260
57	34	92 225	3 329,773	41 683,829	12,519	12,051
58	35	91 512	3 116,997	38 354,056	12,305	11,837
59	36	90 728	2 915,376	35 237,059	12,087	11,619
60	37	89 876	2 724,525	32 321,683	11,863	11,395
61	38	88 950	2 543,829	29 597,158	11,635	11,167
62	39	87 934	2 372,437	27 053,329	11,403	10,935
63	40	86 832	2 210,093	24 680,892	11,167	10,699
64	41	85 646	2 056,523	22 470,799	10,927	10,459
65	42	84 363	1 911,049	20 414,276	10,682	10,214
66	43	82 996	1 773,665	18 503,228	10,432	9,964
67	44	81 544	1 643,988	16 729,563	10,176	9,708
68	45	79 999	1 521,543	15 085,575	9,915	9,447
69	46	78 374	1 406,264	13 564,032	9,645	9,177
70	47	76 627	1 297,091	12 157,768	9,373	8,905
71	48	74 815	1 194,740	10 860,677	9,090	8,622
72	49	72 856	1 097,590	9 665,936	8,807	8,339
73	50	70 824	1 006,587	8 568,346	8,512	8,044
74	51	68 660	920,603	7 561,759	8,214	7,746
75	52	66 384	839,693	6 641,156	7,909	7,441
76	53	64 002	763,744	5 801,463	7,596	7,128
77	54	61 465	691,948	5 037,719	7,280	6,813
78	55	58 793	624,407	4 345,771	6,960	6,492
79	56	55 938	560,454	3 721,364	6,640	6,172
80	57	52 925	500,251	3 160,910	6,319	5,851
81	58	49 742	443,559	2 660,659	5,998	5,530
82	59	46 330	389,746	2 217,100	5,689	5,221
83	60	42 762	339,366	1 827,354	5,385	4,917
84	61	39 071	292,524	1 487,988	5,087	4,619
85	62	35 275	249,154	1 195,464	4,798	4,330
86	63	31 389	209,155	946,310	4,524	4,056
87	64	27 507	172,915	737,155	4,263	3,795
88	65	23 695	140,520	564,240	4,015	3,547
89	66	20 011	111,953	423,720	3,785	3,317
90	67	16 560	87,405	311,767	3,567	3,099
91	68	13 425	66,846	224,362	3,356	2,888
92	69	10 640	49,980	157,515	3,152	2,684
93	70	8 147	36,102	107,536	2,979	2,511
94	71	6 086	25,443	71,434	2,808	2,340
95	72	4 382	17,282	45,990	2,661	2,193
96	73	3 064	11,402	28,709	2,518	2,050
97	74	2 042	7,169	17,307	2,414	1,946
98	75	1 331	4,407	10,137	2,300	1,832
99	76	834	2,606	5,730	2,199	1,731
100	77	503	1,482	3,124	2,108	1,640

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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24	0	99 175	24 494,186	406 270,548	16,586	16,118
25	1	98 830	23 027,336	381 776,362	16,579	16,111
26	2	98 763	21 709,005	358 749,026	16,525	16,057
27	3	98 705	20 468,253	337 040,021	16,466	15,999
28	4	98 649	19 298,764	316 571,768	16,404	15,936
29	5	98 592	18 195,812	297 273,004	16,337	15,869
30	6	98 532	17 155,378	279 077,192	16,268	15,800
31	7	98 468	16 173,802	261 921,814	16,194	15,726
32	8	98 403	15 248,198	245 748,012	16,117	15,649
33	9	98 333	14 374,971	230 499,813	16,035	15,567
34	10	98 255	13 550,542	216 124,842	15,950	15,482
35	11	98 174	12 772,945	202 574,301	15,860	15,392
36	12	98 088	12 039,350	189 801,355	15,765	15,297
37	13	97 996	11 347,225	177 762,005	15,666	15,198
38	14	97 890	10 693,432	166 414,780	15,562	15,094
39	15	97 777	10 076,444	155 721,348	15,454	14,986
40	16	97 656	9 494,334	145 644,904	15,340	14,872
41	17	97 521	8 944,515	136 150,570	15,222	14,754
42	18	97 377	8 425,820	127 206,054	15,097	14,629
43	19	97 218	7 935,870	118 780,235	14,968	14,500
44	20	97 051	7 473,836	110 844,364	14,831	14,363
45	21	96 859	7 036,810	103 370,528	14,690	14,222
46	22	96 653	6 624,405	96 333,718	14,542	14,074
47	23	96 427	6 234,805	89 709,313	14,388	13,921
48	24	96 181	5 866,907	83 474,508	14,228	13,760
49	25	95 909	5 519,127	77 607,601	14,062	13,594
50	26	95 605	5 190,266	72 088,474	13,889	13,421
51	27	95 270	4 879,282	66 898,208	13,711	13,243
52	28	94 897	4 585,069	62 018,926	13,526	13,058
53	29	94 481	4 306,611	57 433,857	13,336	12,868
54	30	94 013	4 042,709	53 127,246	13,141	12,674
55	31	93 484	3 792,398	49 084,537	12,943	12,475
56	32	92 902	3 555,463	45 292,140	12,739	12,271
57	33	92 258	3 330,974	41 736,676	12,530	12,062
58	34	91 549	3 118,263	38 405,703	12,316	11,848
59	35	90 765	2 916,578	35 287,440	12,099	11,631
60	36	89 917	2 725,775	32 370,862	11,876	11,408
61	37	88 992	2 545,037	29 645,087	11,648	11,180
62	38	87 987	2 373,869	27 100,050	11,416	10,948
63	39	86 884	2 211,422	24 726,180	11,181	10,713
64	40	85 705	2 057,934	22 514,758	10,940	10,473
65	41	84 426	1 912,464	20 456,825	10,697	10,229
66	42	83 062	1 775,074	18 544,360	10,447	9,979
67	43	81 618	1 645,482	16 769,287	10,191	9,723
68	44	80 076	1 523,021	15 123,805	9,930	9,462
69	45	78 464	1 407,886	13 600,783	9,660	9,192
70	46	76 720	1 298,673	12 192,897	9,389	8,921
71	47	74 918	1 196,380	10 894,225	9,106	8,638
72	48	72 972	1 099,342	9 697,845	8,821	8,354
73	49	70 948	1 008,350	8 598,502	8,527	8,059
74	50	68 788	922,313	7 590,153	8,229	7,762
75	51	66 526	841,496	6 667,840	7,924	7,456
76	52	64 152	765,530	5 826,344	7,611	7,143
77	53	61 623	693,729	5 060,814	7,295	6,827
78	54	58 963	626,216	4 367,085	6,974	6,506
79	55	56 120	562,279	3 740,869	6,653	6,185
80	56	53 114	502,046	3 178,590	6,331	5,863
81	57	49 938	445,307	2 676,544	6,011	5,543
82	58	46 532	391,449	2 231,237	5,700	5,232
83	59	42 964	340,971	1 839,788	5,396	4,928
84	60	39 278	294,075	1 498,818	5,097	4,629
85	61	35 477	250,579	1 204,742	4,808	4,340
86	62	31 582	210,446	954,163	4,534	4,066
87	63	27 694	174,090	743,718	4,272	3,804
88	64	23 873	141,578	569,628	4,023	3,555
89	65	20 171	112,853	428,050	3,793	3,325
90	66	16 707	88,178	315,197	3,575	3,107
91	67	13 553	67,486	227,019	3,364	2,896
92	68	10 752	50,508	159,533	3,159	2,691
93	69	8 242	36,524	109,024	2,985	2,517
94	70	6 164	25,768	72,501	2,814	2,346
95	71	4 443	17,522	46,733	2,667	2,199
96	72	3 110	11,574	29,211	2,524	2,056
97	73	2 077	7,289	17,637	2,420	1,952
98	74	1 355	4,487	10,348	2,306	1,838
99	75	851	2,657	5,861	2,206	1,738
100	76	514	1,515	3,204	2,115	1,647

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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25	0	99 128	23 096,750	381 934,788	16,536	16,068
26	1	98 787	21 714,389	358 838,039	16,525	16,057
27	2	98 717	20 470,796	337 123,650	16,469	16,001
28	3	98 659	19 300,755	316 652,854	16,406	15,938
29	4	98 601	18 197,554	297 352,100	16,340	15,872
30	5	98 541	17 156,906	279 154,546	16,271	15,803
31	6	98 476	16 175,233	261 997,640	16,197	15,729
32	7	98 407	15 248,907	245 822,407	16,121	15,653
33	8	98 340	14 375,973	230 573,500	16,039	15,571
34	9	98 261	13 551,371	216 197,527	15,954	15,486
35	10	98 180	12 773,692	202 646,157	15,864	15,396
36	11	98 095	12 040,281	189 872,464	15,770	15,302
37	12	98 003	11 348,116	177 832,183	15,671	15,203
38	13	97 900	10 694,440	166 484,067	15,567	15,099
39	14	97 786	10 077,373	155 789,627	15,459	14,991
40	15	97 668	9 495,490	145 712,254	15,345	14,877
41	16	97 535	8 945,833	136 216,764	15,227	14,759
42	17	97 391	8 426,967	127 270,932	15,103	14,635
43	18	97 237	7 937,434	118 843,965	14,973	14,505
44	19	97 068	7 475,143	110 906,530	14,837	14,369
45	20	96 877	7 038,111	103 431,388	14,696	14,228
46	21	96 669	6 625,497	96 393,276	14,549	14,081
47	22	96 443	6 235,820	89 767,779	14,396	13,928
48	23	96 199	5 867,964	83 531,959	14,235	13,767
49	24	95 926	5 520,121	77 663,995	14,069	13,601
50	25	95 624	5 191,253	72 143,875	13,897	13,429
51	26	95 288	4 880,200	66 952,621	13,719	13,251
52	27	94 917	4 586,056	62 072,421	13,535	13,067
53	28	94 504	4 307,626	57 486,365	13,345	12,877
54	29	94 038	4 043,755	53 178,740	13,151	12,683
55	30	93 513	3 793,601	49 134,984	12,952	12,484
56	31	92 931	3 556,580	45 341,383	12,749	12,281
57	32	92 290	3 332,115	41 784,803	12,540	12,072
58	33	91 582	3 119,387	38 452,688	12,327	11,859
59	34	90 802	2 917,763	35 333,301	12,110	11,642
60	35	89 954	2 726,899	32 415,538	11,887	11,419
61	36	89 033	2 546,205	29 688,640	11,660	11,192
62	37	88 029	2 374,997	27 142,435	11,428	10,960
63	38	86 937	2 212,757	24 767,439	11,193	10,725
64	39	85 757	2 059,172	22 554,682	10,953	10,485
65	40	84 484	1 913,777	20 495,510	10,709	10,241
66	41	83 124	1 776,389	18 581,734	10,460	9,992
67	42	81 683	1 646,789	16 805,345	10,205	9,737
68	43	80 149	1 524,405	15 158,556	9,944	9,476
69	44	78 541	1 409,254	13 634,150	9,675	9,207
70	45	76 809	1 300,171	12 224,896	9,403	8,935
71	46	75 009	1 197,838	10 924,725	9,120	8,652
72	47	73 072	1 100,851	9 726,887	8,836	8,368
73	48	71 061	1 009,960	8 626,037	8,541	8,073
74	49	68 908	923,928	7 616,077	8,243	7,775
75	50	66 650	843,059	6 692,149	7,938	7,470
76	51	64 289	767,173	5 849,090	7,624	7,156
77	52	61 767	695,352	5 081,917	7,308	6,840
78	53	59 115	627,828	4 386,565	6,987	6,519
79	54	56 282	563,908	3 758,737	6,666	6,198
80	55	53 287	503,681	3 194,830	6,343	5,875
81	56	50 118	446,905	2 691,149	6,022	5,554
82	57	46 716	392,991	2 244,243	5,711	5,243
83	58	43 152	342,460	1 851,253	5,406	4,938
84	59	39 464	295,466	1 508,792	5,106	4,639
85	60	35 665	251,908	1 213,326	4,817	4,349
86	61	31 763	211,649	961,419	4,543	4,075
87	62	27 865	175,165	749,769	4,280	3,812
88	63	24 035	142,540	574,605	4,031	3,563
89	64	20 323	113,702	432,065	3,800	3,332
90	65	16 841	88,886	318,362	3,582	3,114
91	66	13 673	68,083	229,476	3,371	2,903
92	67	10 855	50,992	161,393	3,165	2,697
93	68	8 329	36,910	110,401	2,991	2,523
94	69	6 236	26,069	73,491	2,819	2,351
95	70	4 499	17,746	47,422	2,672	2,204
96	71	3 154	11,734	29,677	2,529	2,061
97	72	2 108	7,399	17,942	2,425	1,957
98	73	1 378	4,562	10,544	2,311	1,843
99	74	866	2,706	5,982	2,211	1,743
100	75	524	1,545	3,276	2,121	1,653

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	1 658 467,296	16,585	16,116
1	1	99 344	93 500,527	1 558 467,296	16,668	16,200
2	2	99 292	87 954,358	1 464 966,769	16,656	16,188
3	3	99 264	82 757,368	1 377 012,411	16,639	16,171
4	4	99 243	77 872,771	1 294 255,043	16,620	16,152
5	5	99 223	73 277,199	1 216 382,272	16,600	16,131
6	6	99 204	68 953,704	1 143 105,073	16,578	16,110
7	7	99 187	64 885,964	1 074 151,369	16,554	16,086
8	8	99 174	61 061,046	1 009 265,405	16,529	16,060
9	9	99 158	57 460,300	948 204,359	16,502	16,034
10	10	99 144	54 072,648	890 744,059	16,473	16,005
11	11	99 130	50 884,895	836 671,411	16,442	15,974
12	12	99 115	47 884,256	785 786,517	16,410	15,942
13	13	99 101	45 060,894	737 902,261	16,376	15,907
14	14	99 082	42 402,191	692 841,367	16,340	15,871
15	15	99 059	39 898,851	650 439,176	16,302	15,834
16	16	99 031	37 541,289	610 540,324	16,263	15,795
17	17	98 992	35 319,032	572 999,035	16,224	15,755
18	18	98 951	33 227,784	537 680,003	16,182	15,713
19	19	98 894	31 255,066	504 452,219	16,140	15,671
20	20	98 837	29 399,695	473 197,153	16,095	15,627
21	21	98 777	27 653,239	443 797,457	16,049	15,580
22	22	98 720	26 011,741	416 144,218	15,998	15,530
23	23	98 659	24 466,548	390 132,478	15,946	15,477
24	24	98 601	23 013,766	365 665,930	15,889	15,421
25	25	98 537	21 645,834	342 652,164	15,830	15,362
26	26	98 475	20 359,754	321 006,330	15,767	15,298
27	27	98 411	19 149,724	300 646,575	15,700	15,231
28	28	98 344	18 011,070	281 496,851	15,629	15,161
29	29	98 274	16 939,384	263 485,781	15,555	15,086
30	30	98 197	15 930,509	246 546,398	15,476	15,008
31	31	98 111	14 980,251	230 615,888	15,395	14,926
32	32	98 019	14 085,952	215 635,637	15,309	14,840
33	33	97 924	13 244,422	201 549,685	15,218	14,749
34	34	97 817	12 451,729	188 305,263	15,123	14,654
35	35	97 702	11 705,502	175 853,534	15,023	14,555
36	36	97 583	11 003,568	164 148,032	14,918	14,449
37	37	97 455	10 342,654	153 144,464	14,807	14,339
38	38	97 313	9 720,109	142 801,810	14,691	14,223
39	39	97 150	9 133,057	133 081,701	14,571	14,103
40	40	96 984	8 581,082	123 948,644	14,444	13,976
41	41	96 797	8 060,785	115 367,563	14,312	13,844
42	42	96 597	7 570,893	107 306,778	14,174	13,705
43	43	96 381	7 109,633	99 735,885	14,028	13,560
44	44	96 145	6 675,049	92 626,252	13,876	13,408
45	45	95 879	6 265,017	85 951,203	13,719	13,251
46	46	95 581	5 878,156	79 686,187	13,556	13,088
47	47	95 257	5 513,605	73 808,031	13,387	12,918
48	48	94 901	5 169,894	68 294,426	13,210	12,742
49	49	94 498	4 845,125	63 124,532	13,028	12,560
50	50	94 053	4 538,621	58 279,407	12,841	12,372
51	51	93 566	4 249,554	53 740,786	12,646	12,178
52	52	93 020	3 976,235	49 491,232	12,447	11,978
53	53	92 419	3 718,148	45 514,997	12,241	11,773
54	54	91 749	3 474,052	41 796,849	12,031	11,563
55	55	90 997	3 242,919	38 322,796	11,817	11,349
56	56	90 166	3 024,266	35 079,877	11,599	11,131
57	57	89 251	2 817,503	32 055,611	11,377	10,909
58	58	88 249	2 621,995	29 238,108	11,151	10,683
59	59	87 149	2 436,986	26 616,113	10,922	10,453
60	60	85 963	2 262,437	24 179,127	10,687	10,219
61	61	84 669	2 097,294	21 916,690	10,450	9,982
62	62	83 277	1 941,461	19 819,396	10,208	9,740
63	63	81 777	1 794,363	17 877,935	9,963	9,495
64	64	80 171	1 655,645	16 083,572	9,714	9,246
65	65	78 438	1 524,566	14 427,927	9,464	8,995
66	66	76 613	1 401,498	12 903,361	9,207	8,738
67	67	74 681	1 285,787	11 501,863	8,945	8,477
68	68	72 641	1 177,106	10 216,075	8,679	8,211
69	69	70 502	1 075,243	9 038,969	8,406	7,938
70	70	68 217	979,195	7 963,726	8,133	7,665
71	71	65 856	889,689	6 984,531	7,851	7,382
72	72	63 353	805,532	6 094,842	7,566	7,098
73	73	60 780	727,360	5 289,311	7,272	6,804
74	74	58 064	653,980	4 561,951	6,976	6,507
75	75	55 255	585,736	3 907,971	6,672	6,204
76	76	52 370	522,500	3 322,235	6,358	5,890
77	77	49 336	463,274	2 799,735	6,043	5,575
78	78	46 202	408,324	2 336,461	5,722	5,254
79	79	42 891	356,762	1 928,137	5,405	4,936
80	80	39 447	308,815	1 571,375	5,088	4,620
81	81	35 864	264,250	1 262,560	4,778	4,310
82	82	32 118	222,728	998,310	4,482	4,014
83	83	28 314	184,797	775,581	4,197	3,729
84	84	24 532	150,698	590,784	3,920	3,452
85	85	20 824	120,393	440,086	3,655	3,187
86	86	17 225	93,727	319,693	3,411	2,943
87	87	13 872	71,045	225,966	3,181	2,712
88	88	10 836	52,233	154,921	2,966	2,498
89	89	8 172	37,070	102,688	2,770	2,302
90	90	5 939	25,356	65,618	2,588	2,119
91	91	4 144	16,651	40,262	2,418	1,950
92	92	2 762	10,448	23,610	2,260	1,791
93	93	1 739	6,189	13,162	2,127	1,658
94	94	1 041	3,486	6,974	2,000	1,532
95	95	585	1,844	3,488	1,892	1,423
96	96	310	0,920	1,644	1,786	1,317
97	97	150	0,419	0,723	1,725	1,256
98	98	70	0,184	0,304	1,656	1,188
99	99	31	0,076	0,120	1,588	1,119
100	100	13	0,029	0,045	1,528	1,060

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 699	99 699,466	1 657 443,705	16,624	16,156	50	51	93 878	4 530,210	57 839,521	12,768	12,299
1	2	99 320	93 477,344	1 557 744,239	16,664	16,196	51	52	93 366	4 240,448	53 309,311	12,572	12,103
2	3	99 280	87 943,432	1 464 266,895	16,650	16,182	52	53	92 803	3 966,959	49 068,863	12,369	11,901
3	4	99 254	82 748,833	1 376 323,463	16,633	16,164	53	54	92 182	3 708,601	45 101,904	12,161	11,693
4	5	99 234	77 865,319	1 293 574,629	16,613	16,145	54	55	91 483	3 464,017	41 393,302	11,950	11,481
5	6	99 214	73 270,671	1 215 709,310	16,592	16,124	55	56	90 702	3 232,394	37 929,285	11,734	11,266
6	7	99 196	68 947,605	1 142 438,639	16,570	16,101	56	57	89 843	3 013,448	34 696,891	11,514	11,046
7	8	99 182	64 882,950	1 073 491,034	16,545	16,077	57	58	88 901	2 806,447	31 683,443	11,290	10,821
8	9	99 167	61 056,791	1 008 608,084	16,519	16,051	58	59	87 865	2 610,591	28 876,996	11,061	10,593
9	10	99 152	57 456,785	947 551,293	16,492	16,023	59	60	86 738	2 425,517	26 266,405	10,829	10,361
10	11	99 138	54 069,485	890 094,508	16,462	15,994	60	61	85 510	2 250,501	23 840,889	10,594	10,125
11	12	99 123	50 880,960	836 025,023	16,431	15,963	61	62	84 188	2 085,369	21 590,388	10,353	9,885
12	13	99 107	47 880,496	785 144,063	16,398	15,930	62	63	82 766	1 929,552	19 505,019	10,109	9,640
13	14	99 091	45 056,648	737 263,567	16,363	15,895	63	64	81 226	1 782,253	17 575,467	9,861	9,393
14	15	99 073	42 398,282	692 206,919	16,326	15,858	64	65	79 572	1 643,273	15 793,214	9,611	9,142
15	16	99 047	39 893,997	649 808,637	16,288	15,820	65	66	77 813	1 512,415	14 149,942	9,356	8,888
16	17	99 017	37 535,761	609 914,640	16,249	15,781	66	67	75 942	1 389,218	12 637,527	9,097	8,629
17	18	98 979	35 314,223	572 378,879	16,208	15,740	67	68	73 972	1 273,595	11 248,309	8,832	8,364
18	19	98 932	33 221,238	537 064,656	16,166	15,698	68	69	71 881	1 164,787	9 974,714	8,564	8,095
19	20	98 877	31 249,603	503 843,419	16,123	15,655	69	70	69 688	1 062,819	8 809,927	8,289	7,821
20	21	98 819	29 394,260	472 593,815	16,078	15,609	70	71	67 358	966,858	7 747,108	8,013	7,544
21	22	98 760	27 648,679	443 199,555	16,030	15,561	71	72	64 953	877,499	6 780,249	7,727	7,258
22	23	98 704	26 007,506	415 550,876	15,978	15,510	72	73	62 414	793,599	5 902,751	7,438	6,970
23	24	98 642	24 462,145	389 543,371	15,924	15,456	73	74	59 782	715,419	5 109,152	7,141	6,673
24	25	98 583	23 009,625	365 081,226	15,866	15,398	74	75	57 028	642,311	4 393,733	6,841	6,372
25	26	98 518	21 641,716	342 071,601	15,806	15,338	75	76	54 192	574,471	3 751,422	6,530	6,062
26	27	98 456	20 355,923	320 429,885	15,741	15,273	76	77	51 241	511,232	3 176,951	6,214	5,746
27	28	98 390	19 145,604	300 073,962	15,673	15,205	77	78	48 162	452,249	2 665,719	5,894	5,426
28	29	98 321	18 006,826	280 928,358	15,601	15,133	78	79	44 934	397,117	2 213,469	5,574	5,105
29	30	98 248	16 935,000	262 921,532	15,525	15,057	79	80	41 544	345,555	1 816,353	5,256	4,788
30	31	98 166	15 925,457	245 986,532	15,446	14,978	80	81	38 009	297,555	1 470,798	4,943	4,475
31	32	98 080	14 975,547	230 061,075	15,362	14,894	81	82	34 334	252,974	1 173,243	4,638	4,169
32	33	97 986	14 081,126	215 085,528	15,275	14,806	82	83	30 532	211,730	920,269	4,346	3,878
33	34	97 888	13 239,650	201 004,402	15,182	14,714	83	84	26 708	174,317	708,539	4,065	3,596
34	35	97 777	12 446,674	187 764,752	15,086	14,617	84	85	22 934	140,878	534,222	3,792	3,324
35	36	97 662	11 700,678	175 318,078	14,984	14,515	85	86	19 239	111,229	393,344	3,536	3,068
36	37	97 539	10 998,523	163 617,401	14,876	14,408	86	87	15 723	85,556	282,116	3,297	2,829
37	38	97 408	10 337,745	152 618,878	14,763	14,295	87	88	12 486	63,944	196,560	3,074	2,606
38	39	97 254	9 714,245	142 281,133	14,647	14,178	88	89	9 599	46,268	132,615	2,866	2,398
39	40	97 092	9 127,567	132 566,888	14,524	14,055	89	90	7 113	32,269	86,348	2,676	2,208
40	41	96 917	8 575,198	123 439,321	14,395	13,927	90	91	5 063	21,617	54,078	2,502	2,033
41	42	96 726	8 054,817	114 864,124	14,260	13,792	91	92	3 449	13,860	32,462	2,342	1,874
42	43	96 520	7 564,884	106 809,306	14,119	13,651	92	93	2 244	8,489	18,602	2,191	1,723
43	44	96 293	7 103,177	99 244,422	13,972	13,503	93	94	1 375	4,896	10,113	2,066	1,597
44	45	96 052	6 668,570	92 141,246	13,817	13,349	94	95	801	2,684	5,217	1,944	1,476
45	46	95 769	6 257,798	85 472,676	13,659	13,190	95	96	437	1,378	2,534	1,839	1,371
46	47	95 465	5 870,999	79 214,878	13,493	13,024	96	97	222	0,658	1,156	1,758	1,290
47	48	95 126	5 506,050	73 343,879	13,321	12,852	97	98	105	0,294	0,498	1,695	1,227
48	49	94 750	5 161,653	67 837,829	13,143	12,674	98	99	48	0,126	0,204	1,621	1,153
49	50	94 333	4 836,656	62 676,176	12,959	12,490	99	100	20	0,050	0,078	1,558	1,089

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 675	99 674,746	1 656 656,952	16,621	16,152
1	3	99 307	93 465,732	1 556 982,206	16,658	16,190
2	4	99 270	87 934,363	1 463 516,474	16,643	16,175
3	5	99 245	82 740,915	1 375 582,111	16,625	16,157
4	6	99 225	77 858,383	1 292 841,195	16,605	16,137
5	7	99 206	73 264,190	1 214 982,812	16,584	16,115
6	8	99 191	68 944,402	1 141 718,622	16,560	16,092
7	9	99 175	64 878,428	1 072 774,221	16,535	16,067
8	10	99 161	61 053,056	1 007 895,792	16,509	16,040
9	11	99 146	57 453,425	946 842,737	16,480	16,012
10	12	99 131	54 065,304	889 389,312	16,450	15,982
11	13	99 115	50 876,964	835 324,008	16,419	15,950
12	14	99 098	47 875,985	784 447,044	16,385	15,917
13	15	99 082	45 052,494	736 571,059	16,349	15,881
14	16	99 061	42 393,123	691 518,565	16,312	15,844
15	17	99 032	39 888,123	649 125,442	16,274	15,805
16	18	99 003	37 530,650	609 237,319	16,233	15,765
17	19	98 959	35 307,266	571 706,669	16,192	15,724
18	20	98 915	33 215,431	536 399,404	16,149	15,681
19	21	98 859	31 243,826	503 183,973	16,105	15,637
20	22	98 803	29 389,413	471 940,147	16,058	15,590
21	23	98 744	27 644,178	442 550,734	16,009	15,540
22	24	98 686	26 002,825	414 906,556	15,956	15,488
23	25	98 624	24 457,743	388 903,731	15,901	15,433
24	26	98 565	23 005,248	364 445,988	15,842	15,374
25	27	98 499	21 637,644	341 440,740	15,780	15,312
26	28	98 435	20 351,543	319 803,097	15,714	15,246
27	29	98 367	19 141,092	299 451,554	15,644	15,176
28	30	98 296	18 002,166	280 310,462	15,571	15,103
29	31	98 217	16 929,630	262 308,296	15,494	15,026
30	32	98 135	15 920,457	245 378,666	15,413	14,944
31	33	98 046	14 970,416	229 458,210	15,327	14,859
32	34	97 951	14 076,052	214 487,793	15,238	14,769
33	35	97 849	13 234,274	200 411,741	15,143	14,675
34	36	97 737	12 441,544	187 177,467	15,045	14,576
35	37	97 617	11 695,313	174 735,923	14,941	14,472
36	38	97 492	10 993,302	163 040,610	14,831	14,363
37	39	97 350	10 331,508	152 047,308	14,717	14,249
38	40	97 196	9 708,405	141 715,799	14,597	14,129
39	41	97 025	9 121,308	132 007,394	14,472	14,004
40	42	96 846	8 568,850	122 886,085	14,341	13,873
41	43	96 649	8 048,424	114 317,236	14,204	13,735
42	44	96 432	7 558,014	106 268,812	14,060	13,592
43	45	96 200	7 096,282	98 710,798	13,910	13,442
44	46	95 941	6 660,886	91 614,515	13,754	13,286
45	47	95 652	6 250,179	84 953,629	13,592	13,124
46	48	95 334	5 862,954	78 703,450	13,424	12,956
47	49	94 975	5 497,273	72 840,496	13,250	12,782
48	50	94 584	5 152,630	67 343,223	13,070	12,601
49	51	94 158	4 827,692	62 190,593	12,882	12,414
50	52	93 677	4 520,503	57 362,901	12,689	12,221
51	53	93 148	4 230,555	52 842,398	12,491	12,022
52	54	92 565	3 956,773	48 611,843	12,286	11,817
53	55	91 915	3 697,888	44 655,070	12,076	11,607
54	56	91 187	3 452,775	40 957,181	11,862	11,394
55	57	90 377	3 220,832	37 504,406	11,644	11,176
56	58	89 490	3 001,623	34 283,574	11,422	10,953
57	59	88 514	2 794,241	31 281,952	11,195	10,727
58	60	87 452	2 598,304	28 487,711	10,964	10,496
59	61	86 281	2 412,720	25 889,406	10,730	10,262
60	62	85 024	2 237,704	23 476,687	10,491	10,023
61	63	83 671	2 072,577	21 238,982	10,248	9,779
62	64	82 207	1 916,529	19 166,406	10,001	9,532
63	65	80 619	1 768,935	17 249,876	9,752	9,283
64	66	78 938	1 630,175	15 480,942	9,496	9,028
65	67	77 131	1 499,163	13 850,767	9,239	8,771
66	68	75 222	1 376,045	12 351,604	8,976	8,508
67	69	73 198	1 260,266	10 975,558	8,709	8,241
68	70	71 050	1 151,328	9 715,293	8,438	7,970
69	71	68 810	1 049,429	8 563,964	8,161	7,692
70	72	66 435	953,610	7 514,535	7,880	7,412
71	73	63 991	864,500	6 560,925	7,589	7,121
72	74	61 390	780,571	5 696,425	7,298	6,829
73	75	58 716	702,654	4 915,854	6,996	6,528
74	76	55 931	629,958	4 213,200	6,688	6,220
75	77	53 024	562,082	3 583,242	6,375	5,907
76	78	50 022	499,067	3 021,160	6,054	5,585
77	79	46 840	439,836	2 522,093	5,734	5,266
78	80	43 522	384,641	2 082,257	5,414	4,945
79	81	40 029	332,955	1 697,616	5,099	4,630
80	82	36 387	284,857	1 364,660	4,791	4,322
81	83	32 638	240,482	1 079,803	4,490	4,022
82	84	28 801	199,723	839,321	4,202	3,734
83	85	24 968	162,958	639,598	3,925	3,457
84	86	21 188	130,154	476,640	3,662	3,194
85	87	17 561	101,532	346,487	3,413	2,944
86	88	14 152	77,005	244,955	3,181	2,713
87	89	11 060	56,642	167,950	2,965	2,497
88	90	8 356	40,275	111,308	2,764	2,295
89	91	6 064	27,510	71,033	2,582	2,114
90	92	4 214	17,993	43,523	2,419	1,951
91	93	2 802	11,261	25,530	2,267	1,799
92	94	1 775	6,715	14,269	2,125	1,657
93	95	1 059	3,769	7,554	2,004	1,536
94	96	599	2,005	3,785	1,888	1,419
95	97	312	0,984	1,780	1,808	1,340
96	98	155	0,461	0,796	1,726	1,258
97	99	72	0,202	0,335	1,658	1,189
98	100	32	0,084	0,133	1,589	1,121

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 662	99 662,364	1 655 828,013	16,614	16,146
1	4	99 297	93 456,093	1 556 165,649	16,651	16,183
2	5	99 260	87 925,949	1 462 709,556	16,636	16,167
3	6	99 236	82 733,545	1 374 783,607	16,617	16,149
4	7	99 216	77 851,496	1 292 050,062	16,596	16,128
5	8	99 201	73 260,786	1 214 198,567	16,574	16,105
6	9	99 184	68 939,597	1 140 937,780	16,550	16,081
7	10	99 169	64 874,460	1 071 998,183	16,524	16,056
8	11	99 155	61 049,484	1 007 123,723	16,497	16,028
9	12	99 139	57 448,982	946 074,239	16,468	16,000
10	13	99 123	54 061,058	888 625,257	16,437	15,969
11	14	99 106	50 872,171	834 564,199	16,405	15,937
12	15	99 089	47 871,570	783 692,028	16,371	15,902
13	16	99 070	45 047,013	735 820,457	16,335	15,866
14	17	99 046	42 386,881	690 773,445	16,297	15,829
15	18	99 019	39 882,691	648 386,564	16,257	15,789
16	19	98 984	37 523,256	608 503,872	16,217	15,748
17	20	98 942	35 301,094	570 980,616	16,175	15,706
18	21	98 896	33 209,290	535 679,522	16,130	15,662
19	22	98 842	31 238,674	502 470,232	16,085	15,617
20	23	98 787	29 384,628	471 231,558	16,037	15,568
21	24	98 726	27 639,203	441 846,930	15,986	15,518
22	25	98 669	25 998,146	414 207,727	15,932	15,464
23	26	98 605	24 453,090	388 209,581	15,876	15,407
24	27	98 546	23 000,918	363 756,491	15,815	15,347
25	28	98 478	21 632,987	340 755,572	15,752	15,283
26	29	98 412	20 346,747	319 122,585	15,684	15,216
27	30	98 341	19 136,139	298 775,838	15,613	15,145
28	31	98 265	17 996,457	279 639,699	15,539	15,070
29	32	98 186	16 924,314	261 643,242	15,460	14,991
30	33	98 101	15 915,002	244 718,928	15,377	14,908
31	34	98 011	14 965,022	228 803,926	15,289	14,821
32	35	97 911	14 070,337	213 838,904	15,198	14,729
33	36	97 808	13 228,820	199 768,567	15,101	14,633
34	37	97 692	12 435,840	186 539,747	15,000	14,532
35	38	97 570	11 689,762	174 103,907	14,894	14,425
36	39	97 433	10 986,670	162 414,145	14,783	14,314
37	40	97 291	10 325,298	151 427,475	14,666	14,197
38	41	97 129	9 701,748	141 102,177	14,544	14,076
39	42	96 954	9 114,556	131 400,429	14,417	13,948
40	43	96 769	8 562,048	122 285,873	14,282	13,814
41	44	96 561	8 041,115	113 723,825	14,143	13,674
42	45	96 339	7 550,679	105 682,709	13,996	13,528
43	46	96 089	7 088,106	98 132,031	13,845	13,376
44	47	95 824	6 652,777	91 043,925	13,685	13,217
45	48	95 521	6 241,614	84 391,148	13,521	13,052
46	49	95 182	5 853,608	78 149,534	13,351	12,882
47	50	94 809	5 487,663	72 295,926	13,174	12,706
48	51	94 409	5 143,081	66 808,262	12,990	12,522
49	52	93 956	4 817,348	61 665,182	12,801	12,332
50	53	93 459	4 509,957	56 847,834	12,605	12,137
51	54	92 909	4 219,693	52 337,877	12,403	11,935
52	55	92 297	3 945,343	48 118,184	12,196	11,728
53	56	91 617	3 685,887	44 172,841	11,984	11,516
54	57	90 860	3 440,424	40 486,954	11,768	11,300
55	58	90 023	3 208,193	37 046,530	11,547	11,079
56	59	89 101	2 988,568	33 838,337	11,323	10,854
57	60	88 098	2 781,090	30 849,769	11,093	10,624
58	61	86 990	2 584,596	28 068,679	10,860	10,392
59	62	85 790	2 399,001	25 484,083	10,623	10,154
60	63	84 502	2 223,977	23 085,082	10,380	9,912
61	64	83 106	2 058,589	20 861,105	10,134	9,665
62	65	81 593	1 902,208	18 802,515	9,885	9,416
63	66	79 976	1 754,835	16 900,308	9,631	9,162
64	67	78 246	1 615,891	15 145,472	9,373	8,904
65	68	76 400	1 484,948	13 529,581	9,111	8,643
66	69	74 434	1 361,644	12 044,634	8,846	8,377
67	70	72 353	1 245,704	10 682,990	8,576	8,108
68	71	70 155	1 136,823	9 437,285	8,301	7,833
69	72	67 867	1 035,050	8 300,463	8,019	7,551
70	73	65 451	939,484	7 265,413	7,733	7,265
71	74	62 941	850,308	6 325,929	7,440	6,971
72	75	60 294	766,643	5 475,621	7,142	6,674
73	76	57 586	689,141	4 708,977	6,833	6,365
74	77	54 725	616,373	4 019,836	6,522	6,053
75	78	51 762	548,707	3 403,464	6,203	5,734
76	79	48 649	485,368	2 854,757	5,882	5,413
77	80	45 369	426,019	2 369,389	5,562	5,093
78	81	41 936	370,617	1 943,370	5,244	4,775
79	82	38 321	318,747	1 572,753	4,934	4,466
80	83	34 590	270,791	1 254,007	4,631	4,163
81	84	30 787	226,844	983,215	4,334	3,866
82	85	26 924	186,708	756,371	4,051	3,583
83	86	23 067	150,553	569,663	3,784	3,315
84	87	19 341	118,807	419,110	3,528	3,059
85	88	15 806	91,384	300,304	3,286	2,818
86	89	12 536	68,211	208,920	3,063	2,594
87	90	9 628	49,306	140,709	2,854	2,385
88	91	7 123	34,335	91,403	2,662	2,194
89	92	5 048	22,899	57,068	2,492	2,024
90	93	3 424	14,619	34,169	2,337	1,869
91	94	2 217	8,908	19,550	2,195	1,726
92	95	1 367	5,169	10,642	2,059	1,590
93	96	791	2,816	5,472	1,943	1,475
94	97	428	1,432	2,656	1,854	1,386
95	98	219	0,690	1,224	1,774	1,306
96	99	107	0,317	0,534	1,686	1,218
97	100	48	0,134	0,217	1,623	1,155

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 652	99 652,086	1 654 940,403	16,607	16,139
1	5	99 288	93 447,151	1 555 288,317	16,644	16,175
2	6	99 251	87 918,116	1 461 841,166	16,627	16,159
3	7	99 227	82 726,226	1 373 923,050	16,608	16,140
4	8	99 212	77 847,879	1 291 196,823	16,586	16,118
5	9	99 194	73 255,681	1 213 348,944	16,563	16,095
6	10	99 178	68 935,380	1 140 093,263	16,539	16,070
7	11	99 163	64 870,665	1 071 157,883	16,512	16,044
8	12	99 147	61 044,764	1 006 287,218	16,484	16,016
9	13	99 131	57 444,471	945 242,454	16,455	15,987
10	14	99 114	54 055,965	887 797,984	16,424	15,955
11	15	99 097	50 867,480	833 742,019	16,390	15,922
12	16	99 077	47 865,746	782 874,538	16,356	15,887
13	17	99 055	45 040,380	735 008,792	16,319	15,851
14	18	99 032	42 381,109	689 968,413	16,280	15,812
15	19	98 999	39 874,834	647 587,303	16,241	15,772
16	20	98 966	37 516,697	607 712,470	16,198	15,730
17	21	98 924	35 294,568	570 195,772	16,155	15,687
18	22	98 880	33 203,814	534 901,205	16,110	15,641
19	23	98 826	31 233,588	501 697,391	16,063	15,594
20	24	98 769	29 379,340	470 463,803	16,013	15,545
21	25	98 709	27 634,229	441 084,463	15,962	15,493
22	26	98 650	25 993,201	413 450,233	15,906	15,438
23	27	98 587	24 448,489	387 457,033	15,848	15,380
24	28	98 525	22 995,969	363 008,544	15,786	15,317
25	29	98 455	21 627,890	340 012,575	15,721	15,253
26	30	98 386	20 341,482	318 384,685	15,652	15,184
27	31	98 310	19 130,070	298 043,203	15,580	15,111
28	32	98 234	17 990,806	278 913,133	15,503	15,035
29	33	98 153	16 918,515	260 922,327	15,422	14,954
30	34	98 066	15 909,267	244 003,812	15,337	14,869
31	35	97 971	14 958,946	228 094,545	15,248	14,780
32	36	97 870	14 064,538	213 135,599	15,154	14,686
33	37	97 764	13 222,755	199 071,060	15,055	14,587
34	38	97 646	12 429,937	185 848,306	14,952	14,483
35	39	97 512	11 682,710	173 418,368	14,844	14,376
36	40	97 375	10 980,066	161 735,659	14,730	14,262
37	41	97 224	10 318,218	150 755,593	14,611	14,142
38	42	97 057	9 694,566	140 437,375	14,486	14,018
39	43	96 877	9 107,321	130 742,809	14,356	13,887
40	44	96 681	8 554,273	121 635,487	14,219	13,751
41	45	96 468	8 033,311	113 081,214	14,077	13,608
42	46	96 228	7 541,979	105 047,903	13,928	13,460
43	47	95 972	7 079,476	97 505,925	13,773	13,305
44	48	95 693	6 643,660	90 426,449	13,611	13,143
45	49	95 369	6 231,665	83 782,788	13,445	12,976
46	50	95 016	5 843,376	77 551,124	13,272	12,803
47	51	94 633	5 477,493	71 707,748	13,091	12,623
48	52	94 206	5 132,061	66 230,254	12,905	12,437
49	53	93 737	4 806,109	61 098,194	12,713	12,244
50	54	93 219	4 498,377	56 292,084	12,514	12,046
51	55	92 640	4 207,503	51 793,707	12,310	11,841
52	56	91 998	3 932,539	47 586,204	12,101	11,632
53	57	91 289	3 672,703	43 653,666	11,886	11,418
54	58	90 504	3 426,924	39 980,963	11,667	11,198
55	59	89 631	3 194,239	36 554,039	11,444	10,975
56	60	88 682	2 974,502	33 359,800	11,215	10,747
57	61	87 633	2 766,417	30 385,298	10,984	10,515
58	62	86 496	2 569,900	27 618,880	10,747	10,279
59	63	85 264	2 384,285	25 048,980	10,506	10,038
60	64	83 932	2 208,968	22 664,696	10,260	9,792
61	65	82 485	2 043,206	20 455,728	10,012	9,543
62	66	80 943	1 887,046	18 412,522	9,757	9,289
63	67	79 275	1 739,459	16 525,475	9,500	9,032
64	68	77 504	1 600,569	14 786,016	9,238	8,770
65	69	75 600	1 469,407	13 185,447	8,973	8,505
66	70	73 574	1 345,911	11 716,040	8,705	8,237
67	71	71 441	1 230,010	10 370,130	8,431	7,963
68	72	69 194	1 121,246	9 140,120	8,152	7,683
69	73	66 862	1 019,717	8 018,874	7,864	7,395
70	74	64 376	924,061	6 999,156	7,574	7,106
71	75	61 818	835,136	6 075,095	7,274	6,806
72	76	59 135	751,900	5 239,959	6,969	6,501
73	77	56 345	674,279	4 488,060	6,656	6,188
74	78	53 423	601,705	3 813,781	6,338	5,870
75	79	50 341	533,646	3 212,076	6,019	5,551
76	80	47 120	470,121	2 678,430	5,697	5,229
77	81	43 715	410,485	2 208,309	5,380	4,911
78	82	40 146	354,801	1 797,824	5,067	4,599
79	83	36 428	303,008	1 443,023	4,762	4,294
80	84	32 628	255,434	1 140,015	4,463	3,995
81	85	28 781	212,062	884,581	4,171	3,703
82	86	24 874	172,495	672,519	3,899	3,430
83	87	21 056	137,428	500,024	3,638	3,170
84	88	17 408	106,933	362,596	3,391	2,923
85	89	14 001	80,948	255,664	3,158	2,690
86	90	10 912	59,376	174,716	2,943	2,474
87	91	8 208	42,034	115,339	2,744	2,276
88	92	5 929	28,580	73,305	2,565	2,097
89	93	4 101	18,605	44,726	2,404	1,936
90	94	2 708	11,564	26,120	2,259	1,790
91	95	1 707	6,858	14,556	2,123	1,654
92	96	1 021	3,863	7,699	1,993	1,525
93	97	565	2,012	3,836	1,907	1,438
94	98	300	1,004	1,824	1,817	1,348
95	99	150	0,474	0,820	1,731	1,262
96	100	71	0,210	0,346	1,649	1,181

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 643	99 642,551	1 653 987,551	16,599	16,131
1	6	99 279	93 438,826	1 554 345,000	16,635	16,167
2	7	99 243	87 910,339	1 460 906,174	16,618	16,150
3	8	99 222	82 722,383	1 372 995,835	16,598	16,129
4	9	99 205	77 842,454	1 290 273,451	16,575	16,107
5	10	99 188	73 251,200	1 212 430,997	16,552	16,083
6	11	99 172	68 931,348	1 139 179,797	16,526	16,058
7	12	99 156	64 865,649	1 070 248,449	16,499	16,031
8	13	99 139	61 039,970	1 005 382,801	16,471	16,003
9	14	99 121	57 439,059	944 342,831	16,441	15,972
10	15	99 104	54 050,981	886 903,772	16,409	15,940
11	16	99 084	50 861,291	832 852,791	16,375	15,907
12	17	99 062	47 858,698	781 991,500	16,340	15,871
13	18	99 042	45 034,247	734 132,802	16,302	15,833
14	19	99 013	42 372,760	689 098,555	16,263	15,794
15	20	98 982	39 867,864	646 725,796	16,222	15,753
16	21	98 948	37 509,761	606 857,932	16,179	15,710
17	22	98 907	35 288,748	569 348,170	16,134	15,666
18	23	98 864	33 198,408	534 059,423	16,087	15,619
19	24	98 808	31 227,967	500 861,014	16,039	15,571
20	25	98 751	29 374,053	469 633,047	15,988	15,520
21	26	98 690	27 628,973	440 258,994	15,935	15,466
22	27	98 631	25 988,309	412 630,021	15,878	15,409
23	28	98 565	24 443,228	386 641,712	15,818	15,350
24	29	98 502	22 990,550	362 198,485	15,754	15,286
25	30	98 429	21 622,293	339 207,935	15,688	15,220
26	31	98 355	20 335,031	317 585,641	15,618	15,149
27	32	98 279	19 124,064	297 250,610	15,543	15,075
28	33	98 200	17 984,642	278 126,547	15,465	14,996
29	34	98 117	16 912,419	260 141,905	15,382	14,913
30	35	98 026	15 902,808	243 229,486	15,295	14,826
31	36	97 931	14 952,781	227 326,678	15,203	14,735
32	37	97 826	14 058,090	212 373,897	15,107	14,639
33	38	97 717	13 216,478	198 315,807	15,005	14,537
34	39	97 587	12 422,439	185 099,329	14,900	14,432
35	40	97 453	11 675,687	172 676,890	14,789	14,321
36	41	97 308	10 972,537	161 001,203	14,673	14,205
37	42	97 152	10 310,580	150 028,667	14,551	14,083
38	43	96 980	9 686,871	139 718,087	14,423	13,955
39	44	96 789	9 099,051	130 031,216	14,291	13,822
40	45	96 587	8 545,971	120 932,164	14,151	13,682
41	46	96 356	8 024,055	112 386,194	14,006	13,538
42	47	96 111	7 532,796	104 362,139	13,854	13,386
43	48	95 841	7 069,775	96 829,343	13,696	13,228
44	49	95 541	6 633,070	89 759,568	13,532	13,064
45	50	95 202	6 220,771	83 126,498	13,363	12,894
46	51	94 840	5 832,547	76 905,727	13,186	12,717
47	52	94 430	5 465,757	71 073,180	13,003	12,535
48	53	93 987	5 120,088	65 607,423	12,814	12,345
49	54	93 496	4 793,769	60 487,335	12,618	12,150
50	55	92 949	4 485,382	55 693,566	12,417	11,948
51	56	92 340	4 193,848	51 208,184	12,210	11,742
52	57	91 669	3 918,472	47 014,336	11,998	11,530
53	58	90 931	3 658,291	43 095,864	11,780	11,312
54	59	90 110	3 412,018	39 437,573	11,558	11,090
55	60	89 209	3 179,206	36 025,555	11,332	10,863
56	61	88 214	2 958,809	32 846,349	11,101	10,633
57	62	87 135	2 750,688	29 887,540	10,865	10,397
58	63	85 965	2 554,135	27 136,852	10,625	10,156
59	64	84 689	2 368,193	24 582,717	10,380	9,912
60	65	83 304	2 192,461	22 214,524	10,132	9,664
61	66	81 828	2 026,921	20 022,063	9,878	9,410
62	67	80 233	1 870,512	17 995,142	9,620	9,152
63	68	78 524	1 722,965	16 124,630	9,359	8,890
64	69	76 693	1 583,818	14 401,665	9,093	8,625
65	70	74 727	1 452,428	12 817,847	8,825	8,357
66	71	72 647	1 328,954	11 365,418	8,552	8,084
67	72	70 462	1 213,156	10 036,465	8,273	7,805
68	73	68 169	1 104,637	8 823,308	7,988	7,519
69	74	65 764	1 002,977	7 718,671	7,696	7,227
70	75	63 228	907,573	6 715,694	7,400	6,931
71	76	60 629	819,075	5 808,121	7,091	6,623
72	77	57 860	735,684	4 989,046	6,782	6,313
73	78	55 004	658,233	4 253,362	6,462	5,993
74	79	51 956	585,189	3 595,128	6,144	5,675
75	80	48 760	516,882	3 009,939	5,823	5,355
76	81	45 402	452,979	2 493,057	5,504	5,035
77	82	41 849	392,968	2 040,078	5,191	4,723
78	83	38 164	337,282	1 647,110	4,883	4,415
79	84	34 362	285,824	1 309,828	4,583	4,114
80	85	30 502	238,789	1 024,005	4,288	3,820
81	86	26 590	195,919	785,215	4,008	3,540
82	87	22 706	157,457	589,296	3,743	3,274
83	88	18 952	123,692	431,839	3,491	3,023
84	89	15 420	94,721	308,147	3,253	2,785
85	90	12 188	70,464	213,426	3,029	2,561
86	91	9 303	50,620	142,963	2,824	2,356
87	92	6 832	34,988	92,343	2,639	2,171
88	93	4 818	23,221	57,355	2,470	2,002
89	94	3 244	14,717	34,134	2,319	1,851
90	95	2 085	8,903	19,417	2,181	1,713
91	96	1 275	5,124	10,514	2,052	1,584
92	97	730	2,759	5,390	1,954	1,485
93	98	396	1,410	2,631	1,866	1,397
94	99	206	0,690	1,221	1,770	1,302
95	100	100	0,314	0,531	1,691	1,222

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 634	99 633,675	1 652 964,009	16,590	16,122
1	7	99 270	93 430,561	1 553 330,334	16,626	16,157
2	8	99 238	87 906,255	1 459 899,773	16,607	16,139
3	9	99 216	82 716,619	1 371 993,518	16,587	16,118
4	10	99 199	77 837,692	1 289 276,899	16,564	16,095
5	11	99 182	73 246,915	1 211 439,207	16,539	16,071
6	12	99 165	68 926,018	1 138 192,292	16,513	16,045
7	13	99 148	64 860,555	1 069 266,274	16,486	16,017
8	14	99 130	61 034,219	1 004 405,719	16,456	15,988
9	15	99 112	57 433,762	943 371,500	16,425	15,957
10	16	99 092	54 044,404	885 937,737	16,393	15,924
11	17	99 070	50 853,802	831 893,333	16,359	15,890
12	18	99 049	47 852,181	781 039,530	16,322	15,854
13	19	99 022	45 025,374	733 187,349	16,284	15,816
14	20	98 996	42 365,353	688 161,975	16,244	15,775
15	21	98 964	39 860,493	645 796,622	16,201	15,733
16	22	98 932	37 503,576	605 936,128	16,157	15,688
17	23	98 891	35 283,003	568 432,553	16,111	15,642
18	24	98 846	33 192,434	533 149,550	16,062	15,594
19	25	98 791	31 222,348	499 957,116	16,013	15,544
20	26	98 732	29 368,466	468 734,768	15,960	15,492
21	27	98 671	27 623,773	439 366,303	15,905	15,437
22	28	98 610	25 982,717	411 742,530	15,847	15,378
23	29	98 542	24 437,468	385 759,813	15,786	15,317
24	30	98 476	22 984,601	361 322,345	15,720	15,252
25	31	98 398	21 615,436	338 337,744	15,653	15,184
26	32	98 324	20 328,646	316 722,308	15,580	15,112
27	33	98 246	19 117,511	296 393,662	15,504	15,035
28	34	98 165	17 978,162	277 276,151	15,423	14,955
29	35	98 077	16 905,552	259 297,990	15,338	14,870
30	36	97 986	15 896,254	242 392,437	15,248	14,780
31	37	97 886	14 945,925	226 496,183	15,154	14,686
32	38	97 779	14 051,417	211 550,258	15,055	14,587
33	39	97 658	13 208,506	197 498,841	14,952	14,484
34	40	97 528	12 414,971	184 290,336	14,844	14,376
35	41	97 386	11 667,681	171 875,365	14,731	14,263
36	42	97 236	10 964,414	160 207,684	14,612	14,143
37	43	97 075	10 302,395	149 243,270	14,486	14,018
38	44	96 892	9 678,075	138 940,874	14,356	13,888
39	45	96 695	9 090,220	129 262,799	14,220	13,752
40	46	96 476	8 536,124	120 172,579	14,078	13,610
41	47	96 239	8 014,285	111 636,456	13,930	13,461
42	48	95 979	7 522,474	103 622,170	13,775	13,307
43	49	95 688	7 058,505	96 099,697	13,615	13,146
44	50	95 374	6 621,475	89 041,191	13,447	12,979
45	51	95 026	6 209,243	82 419,716	13,274	12,805
46	52	94 636	5 820,049	76 210,473	13,094	12,626
47	53	94 210	5 453,005	70 390,424	12,909	12,440
48	54	93 745	5 106,941	64 937,418	12,716	12,247
49	55	93 226	4 779,921	59 830,477	12,517	12,049
50	56	92 648	4 470,825	55 050,556	12,313	11,845
51	57	92 009	4 178,847	50 579,731	12,104	11,635
52	58	91 309	3 903,096	46 400,884	11,888	11,420
53	59	90 536	3 642,379	42 497,789	11,668	11,199
54	60	89 686	3 395,960	38 855,409	11,442	10,973
55	61	88 739	3 162,433	35 459,449	11,213	10,744
56	62	87 712	2 941,986	32 297,016	10,978	10,510
57	63	86 600	2 733,814	29 355,031	10,738	10,269
58	64	85 385	2 536,897	26 621,217	10,494	10,025
59	65	84 056	2 350,497	24 084,319	10,246	9,778
60	66	82 640	2 174,986	21 733,823	9,993	9,524
61	67	81 111	2 009,161	19 558,837	9,735	9,266
62	68	79 473	1 852,775	17 549,676	9,472	9,004
63	69	77 702	1 704,933	15 696,901	9,207	8,738
64	70	75 807	1 565,518	13 991,967	8,938	8,469
65	71	73 785	1 434,129	12 426,450	8,665	8,196
66	72	71 652	1 310,745	10 992,320	8,386	7,918
67	73	69 418	1 195,185	9 681,576	8,100	7,632
68	74	67 050	1 086,503	8 486,390	7,811	7,342
69	75	64 591	985,081	7 399,888	7,512	7,044
70	76	62 012	890,119	6 414,807	7,207	6,738
71	77	59 321	801,411	5 524,687	6,894	6,425
72	78	56 483	718,178	4 723,276	6,577	6,108
73	79	53 494	640,166	4 005,099	6,256	5,788
74	80	50 324	566,806	3 364,933	5,937	5,468
75	81	46 982	498,035	2 798,127	5,618	5,150
76	82	43 465	433,649	2 300,091	5,304	4,836
77	83	39 783	373,564	1 866,442	4,996	4,528
78	84	35 999	318,154	1 492,878	4,692	4,224
79	85	32 123	267,198	1 174,725	4,396	3,928
80	86	28 180	220,611	907,526	4,114	3,645
81	87	24 272	178,839	686,915	3,841	3,373
82	88	20 436	141,720	508,076	3,585	3,117
83	89	16 787	109,566	366,356	3,344	2,875
84	90	13 423	82,453	256,790	3,114	2,646
85	91	10 390	60,072	174,337	2,902	2,434
86	92	7 743	42,134	114,265	2,712	2,244
87	93	5 551	28,428	72,131	2,537	2,069
88	94	3 811	18,368	43,703	2,379	1,911
89	95	2 497	11,330	25,335	2,236	1,768
90	96	1 558	6,652	14,005	2,105	1,637
91	97	911	3,660	7,353	2,009	1,540
92	98	511	1,934	3,693	1,909	1,441
93	99	272	0,969	1,758	1,815	1,347
94	100	136	0,457	0,790	1,727	1,259

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 625	99 624,861	1 651 864,160	16,581	16,112
1	8	99 265	93 426,220	1 552 239,299	16,615	16,146
2	9	99 231	87 900,129	1 458 813,079	16,596	16,128
3	10	99 209	82 711,559	1 370 912,949	16,575	16,106
4	11	99 193	77 833,139	1 288 201,390	16,551	16,082
5	12	99 175	73 241,251	1 210 368,251	16,526	16,057
6	13	99 157	68 920,605	1 137 127,000	16,499	16,031
7	14	99 138	64 854,444	1 068 206,395	16,471	16,002
8	15	99 121	61 028,592	1 003 351,950	16,441	15,972
9	16	99 100	57 426,775	942 323,359	16,409	15,941
10	17	99 078	54 036,447	884 896,584	16,376	15,908
11	18	99 056	50 846,878	830 860,138	16,340	15,872
12	19	99 029	47 842,754	780 013,260	16,304	15,835
13	20	99 005	45 017,504	732 170,506	16,264	15,796
14	21	98 977	42 357,521	687 153,002	16,223	15,754
15	22	98 948	39 853,921	644 795,481	16,179	15,711
16	23	98 916	37 497,470	604 941,561	16,133	15,665
17	24	98 873	35 276,653	567 444,091	16,086	15,617
18	25	98 828	33 186,461	532 167,438	16,036	15,567
19	26	98 772	31 216,409	498 980,977	15,985	15,516
20	27	98 714	29 362,939	467 764,568	15,930	15,462
21	28	98 650	27 617,829	438 401,629	15,874	15,406
22	29	98 587	25 976,594	410 783,801	15,814	15,345
23	30	98 517	24 431,144	384 807,206	15,751	15,282
24	31	98 445	22 977,312	360 376,062	15,684	15,216
25	32	98 367	21 608,649	337 398,750	15,614	15,146
26	33	98 291	20 321,680	315 790,102	15,540	15,071
27	34	98 210	19 110,623	295 468,421	15,461	14,993
28	35	98 125	17 970,863	276 357,799	15,378	14,910
29	36	98 037	16 898,585	258 386,936	15,290	14,822
30	37	97 941	15 888,966	241 488,351	15,198	14,730
31	38	97 839	14 938,831	225 599,386	15,102	14,633
32	39	97 720	14 042,940	210 660,555	15,001	14,533
33	40	97 599	13 200,565	196 617,614	14,895	14,426
34	41	97 461	12 406,458	183 417,049	14,784	14,316
35	42	97 314	11 659,044	171 010,591	14,668	14,199
36	43	97 159	10 955,711	159 351,547	14,545	14,077
37	44	96 987	10 293,040	148 395,836	14,417	13,949
38	45	96 798	9 668,682	138 102,796	14,284	13,815
39	46	96 583	9 079,746	128 434,114	14,145	13,677
40	47	96 358	8 525,731	119 354,368	13,999	13,531
41	48	96 107	8 003,303	110 828,637	13,848	13,380
42	49	95 826	7 510,483	102 825,334	13,691	13,223
43	50	95 521	7 046,167	95 314,851	13,527	13,059
44	51	95 197	6 609,204	88 268,685	13,355	12,887
45	52	94 822	6 195,939	81 659,481	13,180	12,711
46	53	94 416	5 806,471	75 463,542	12,996	12,528
47	54	93 968	5 439,004	69 657,071	12,807	12,339
48	55	93 475	5 092,189	64 218,067	12,611	12,143
49	56	92 924	4 764,408	59 125,878	12,410	11,942
50	57	92 316	4 454,833	54 361,470	12,203	11,734
51	58	91 648	4 162,448	49 906,637	11,990	11,521
52	59	90 912	3 886,119	45 744,188	11,771	11,303
53	60	90 109	3 625,237	41 858,069	11,546	11,078
54	61	89 213	3 378,043	38 232,832	11,318	10,850
55	62	88 234	3 144,451	34 854,789	11,085	10,616
56	63	87 174	2 923,938	31 710,337	10,845	10,377
57	64	86 016	2 715,364	28 786,399	10,601	10,133
58	65	84 747	2 517,940	26 071,036	10,354	9,886
59	66	83 386	2 331,762	23 553,096	10,101	9,633
60	67	81 916	2 155,929	21 221,333	9,843	9,375
61	68	80 342	1 990,109	19 065,405	9,580	9,112
62	69	78 641	1 833,385	17 075,295	9,314	8,845
63	70	76 804	1 685,234	15 241,911	9,044	8,576
64	71	74 852	1 545,794	13 556,677	8,770	8,302
65	72	72 774	1 414,479	12 010,883	8,491	8,023
66	73	70 591	1 291,328	10 596,404	8,206	7,737
67	74	68 279	1 175,565	9 305,076	7,915	7,447
68	75	65 854	1 067,116	8 129,511	7,618	7,150
69	76	63 348	966,137	7 062,395	7,310	6,842
70	77	60 674	870,923	6 096,258	7,000	6,531
71	78	57 910	782,340	5 225,335	6,679	6,211
72	79	54 932	698,465	4 442,995	6,361	5,893
73	80	51 814	620,056	3 744,530	6,039	5,571
74	81	48 489	546,139	3 124,475	5,721	5,253
75	82	44 977	476,782	2 578,335	5,408	4,939
76	83	41 319	412,236	2 101,553	5,098	4,630
77	84	37 526	352,379	1 689,317	4,794	4,326
78	85	33 653	297,422	1 336,938	4,495	4,027
79	86	29 678	246,858	1 039,516	4,211	3,743
80	87	25 723	201,379	792,658	3,936	3,468
81	88	21 846	160,965	591,280	3,673	3,205
82	89	18 102	125,535	430,315	3,428	2,959
83	90	14 613	95,376	304,780	3,196	2,727
84	91	11 443	70,293	209,404	2,979	2,511
85	92	8 649	50,002	139,112	2,782	2,314
86	93	6 291	34,234	89,110	2,603	2,135
87	94	4 391	22,487	54,876	2,440	1,972
88	95	2 934	14,141	32,389	2,290	1,822
89	96	1 866	8,466	18,248	2,156	1,687
90	97	1 113	4,752	9,783	2,059	1,590
91	98	639	2,566	5,031	1,961	1,492
92	99	351	1,329	2,465	1,855	1,387
93	100	180	0,642	1,136	1,769	1,301

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 620	99 620,233	1 650 682,772	16,570	16,101
1	9	99 258	93 419,710	1 551 062,539	16,603	16,135
2	10	99 225	87 894,752	1 457 642,829	16,584	16,116
3	11	99 204	82 706,721	1 369 748,077	16,562	16,093
4	12	99 185	77 827,121	1 287 041,356	16,537	16,069
5	13	99 167	73 235,500	1 209 214,235	16,511	16,043
6	14	99 148	68 914,112	1 135 978,735	16,484	16,016
7	15	99 129	64 848,464	1 067 064,623	16,455	15,986
8	16	99 109	61 021,166	1 002 216,159	16,424	15,956
9	17	99 086	57 418,319	941 194,992	16,392	15,924
10	18	99 064	54 029,089	883 776,674	16,357	15,889
11	19	99 037	50 836,860	829 747,585	16,322	15,853
12	20	99 012	47 834,391	778 910,725	16,283	15,815
13	21	98 987	45 009,181	731 076,334	16,243	15,774
14	22	98 961	42 350,536	686 067,152	16,200	15,731
15	23	98 931	39 847,432	643 716,616	16,155	15,686
16	24	98 898	37 490,722	603 869,184	16,107	15,639
17	25	98 856	35 270,305	566 378,462	16,058	15,590
18	26	98 810	33 180,148	531 108,157	16,007	15,538
19	27	98 753	31 210,534	497 928,009	15,954	15,485
20	28	98 693	29 356,620	466 717,475	15,898	15,430
21	29	98 627	27 611,321	437 360,855	15,840	15,372
22	30	98 561	25 969,872	409 749,534	15,778	15,310
23	31	98 485	24 423,396	383 779,662	15,714	15,245
24	32	98 414	22 970,097	359 356,265	15,645	15,176
25	33	98 334	21 601,245	336 386,168	15,573	15,104
26	34	98 255	20 314,358	314 784,923	15,496	15,027
27	35	98 170	19 102,864	294 470,565	15,415	14,947
28	36	98 084	17 963,456	275 367,702	15,329	14,861
29	37	97 992	16 890,837	257 404,245	15,239	14,771
30	38	97 894	15 881,424	240 513,408	15,144	14,676
31	39	97 780	14 929,819	224 631,985	15,046	14,578
32	40	97 661	14 034,499	209 702,166	14,942	14,474
33	41	97 533	13 191,514	195 667,667	14,833	14,364
34	42	97 389	12 397,274	182 476,153	14,719	14,251
35	43	97 237	11 649,789	170 078,879	14,599	14,131
36	44	97 071	10 945,763	158 429,090	14,474	14,006
37	45	96 893	10 283,050	147 483,327	14,342	13,874
38	46	96 687	9 657,541	137 200,277	14,207	13,738
39	47	96 466	9 068,691	127 542,736	14,064	13,596
40	48	96 226	8 514,048	118 474,045	13,915	13,447
41	49	95 954	7 990,546	109 959,997	13,761	13,293
42	50	95 658	7 497,354	101 969,452	13,601	13,132
43	51	95 344	7 033,109	94 472,098	13,432	12,964
44	52	94 993	6 595,043	87 438,989	13,258	12,790
45	53	94 601	6 181,484	80 843,947	13,078	12,610
46	54	94 173	5 791,562	74 662,463	12,892	12,423
47	55	93 696	5 423,292	68 870,901	12,699	12,231
48	56	93 171	5 075,662	63 447,609	12,500	12,032
49	57	92 591	4 747,366	58 371,946	12,296	11,827
50	58	91 954	4 437,352	53 624,580	12,085	11,616
51	59	91 250	4 144,344	49 187,228	11,869	11,400
52	60	90 484	3 867,830	45 042,884	11,646	11,177
53	61	89 634	3 606,110	41 175,054	11,418	10,950
54	62	88 706	3 358,836	37 568,944	11,185	10,717
55	63	87 693	3 125,162	34 210,108	10,947	10,478
56	64	86 586	2 904,205	31 084,946	10,703	10,235
57	65	85 373	2 695,072	28 180,741	10,456	9,988
58	66	84 071	2 497,871	25 485,668	10,203	9,735
59	67	82 655	2 311,331	22 987,797	9,946	9,477
60	68	81 140	2 135,486	20 676,466	9,682	9,214
61	69	79 501	1 969,282	18 540,981	9,415	8,947
62	70	77 732	1 812,201	16 571,699	9,145	8,676
63	71	75 836	1 664,002	14 759,499	8,870	8,402
64	72	73 826	1 524,614	13 095,497	8,589	8,121
65	73	71 696	1 393,526	11 570,883	8,303	7,835
66	74	69 432	1 270,129	10 177,357	8,013	7,544
67	75	67 060	1 154,589	8 907,228	7,715	7,246
68	76	64 587	1 046,594	7 752,639	7,407	6,939
69	77	61 982	945,301	6 706,045	7,094	6,626
70	78	59 231	850,198	5 760,744	6,776	6,307
71	79	56 320	760,866	4 910,546	6,454	5,986
72	80	53 207	676,523	4 149,679	6,134	5,665
73	81	49 924	597,447	3 473,156	5,813	5,345
74	82	46 420	522,834	2 875,709	5,500	5,032
75	83	42 756	453,239	2 352,875	5,191	4,723
76	84	38 975	388,857	1 899,636	4,885	4,417
77	85	35 081	329,417	1 510,779	4,586	4,118
78	86	31 092	274,781	1 181,362	4,299	3,831
79	87	27 091	225,337	906,581	4,023	3,555
80	88	23 152	181,252	681,244	3,759	3,290
81	89	19 351	142,582	499,993	3,507	3,038
82	90	15 758	109,276	357,411	3,271	2,802
83	91	12 458	81,310	248,135	3,052	2,583
84	92	9 525	58,509	166,825	2,851	2,383
85	93	7 027	40,626	108,315	2,666	2,198
86	94	4 977	27,080	67,689	2,500	2,031
87	95	3 380	17,311	40,609	2,346	1,877
88	96	2 192	10,566	23,298	2,205	1,737
89	97	1 333	6,048	12,731	2,105	1,637
90	98	780	3,331	6,684	2,007	1,538
91	99	439	1,762	3,353	1,902	1,434
92	100	233	0,881	1,590	1,805	1,337

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 613	99 613,291	1 649 409,964	16,558	16,090
1	10	99 252	93 413,995	1 549 796,673	16,591	16,122
2	11	99 219	87 889,611	1 456 382,678	16,571	16,102
3	12	99 196	82 700,325	1 368 493,067	16,548	16,079
4	13	99 177	77 821,009	1 285 792,742	16,522	16,054
5	14	99 157	73 228,600	1 207 971,732	16,496	16,028
6	15	99 138	68 907,758	1 134 743,132	16,468	15,999
7	16	99 117	64 840,574	1 065 835,374	16,438	15,969
8	17	99 094	61 012,181	1 000 994,800	16,406	15,938
9	18	99 072	57 410,500	939 982,619	16,373	15,905
10	19	99 045	54 018,444	882 572,118	16,338	15,870
11	20	99 020	50 827,974	828 553,674	16,301	15,833
12	21	98 994	47 825,548	777 725,700	16,262	15,793
13	22	98 970	45 001,760	729 900,152	16,219	15,751
14	23	98 945	42 343,641	684 898,393	16,175	15,706
15	24	98 914	39 840,261	642 554,752	16,128	15,660
16	25	98 880	37 483,976	602 714,491	16,079	15,611
17	26	98 837	35 263,596	565 230,515	16,029	15,560
18	27	98 791	33 173,904	529 966,919	15,975	15,507
19	28	98 732	31 203,818	496 793,015	15,921	15,453
20	29	98 669	29 349,703	465 589,197	15,864	15,395
21	30	98 601	27 604,176	436 239,495	15,803	15,335
22	31	98 530	25 961,636	408 635,319	15,740	15,272
23	32	98 454	24 415,727	382 673,682	15,673	15,205
24	33	98 380	22 962,227	358 257,955	15,602	15,134
25	34	98 298	21 593,461	335 295,728	15,528	15,059
26	35	98 215	20 306,110	313 702,267	15,449	14,980
27	36	98 130	19 094,991	293 396,156	15,365	14,897
28	37	98 039	17 955,220	274 301,166	15,277	14,809
29	38	97 945	16 882,819	256 345,946	15,184	14,715
30	39	97 835	15 871,843	239 463,126	15,087	14,619
31	40	97 722	14 920,844	223 591,283	14,985	14,517
32	41	97 594	14 024,875	208 670,439	14,879	14,410
33	42	97 460	13 181,749	194 645,564	14,766	14,298
34	43	97 312	12 387,434	181 463,815	14,649	14,181
35	44	97 149	11 639,210	169 076,381	14,526	14,058
36	45	96 976	10 935,139	157 437,171	14,397	13,929
37	46	96 781	10 271,201	146 502,032	14,263	13,795
38	47	96 569	9 645,783	136 230,831	14,123	13,655
39	48	96 334	9 056,264	126 585,048	13,978	13,509
40	49	96 073	8 500,476	117 528,783	13,826	13,358
41	50	95 786	7 976,578	109 028,307	13,669	13,200
42	51	95 481	7 483,460	101 051,730	13,503	13,035
43	52	95 139	7 018,039	93 568,270	13,333	12,864
44	53	94 771	6 579,657	86 550,231	13,154	12,686
45	54	94 358	6 165,612	79 970,575	12,970	12,502
46	55	93 901	5 774,832	73 804,963	12,780	12,312
47	56	93 392	5 405,691	68 030,131	12,585	12,117
48	57	92 838	5 057,507	62 624,440	12,382	11,914
49	58	92 228	4 728,737	57 566,933	12,174	11,705
50	59	91 554	4 418,052	52 838,196	11,960	11,491
51	60	90 820	4 124,839	48 420,144	11,739	11,270
52	61	90 007	3 847,423	44 295,304	11,513	11,045
53	62	89 124	3 585,606	40 447,881	11,281	10,812
54	63	88 162	3 338,232	36 862,275	11,042	10,574
55	64	87 101	3 104,071	33 524,043	10,800	10,332
56	65	85 939	2 882,503	30 419,972	10,553	10,085
57	66	84 692	2 673,592	27 537,470	10,300	9,831
58	67	83 335	2 475,984	24 863,878	10,042	9,574
59	68	81 871	2 289,414	22 387,894	9,779	9,311
60	69	80 290	2 113,136	20 098,480	9,511	9,043
61	70	78 582	1 946,527	17 985,343	9,240	8,771
62	71	76 753	1 789,369	16 038,816	8,963	8,495
63	72	74 797	1 641,202	14 249,447	8,682	8,214
64	73	72 733	1 502,029	12 608,245	8,394	7,926
65	74	70 519	1 370,649	11 106,216	8,103	7,635
66	75	68 193	1 247,466	9 735,567	7,804	7,336
67	76	65 771	1 132,385	8 488,100	7,496	7,027
68	77	63 194	1 024,023	7 355,716	7,183	6,715
69	78	60 507	922,806	6 331,692	6,861	6,393
70	79	57 605	826,862	5 408,886	6,541	6,073
71	80	54 551	736,964	4 582,024	6,217	5,749
72	81	51 267	651,856	3 845,060	5,899	5,430
73	82	47 794	571,952	3 193,204	5,583	5,115
74	83	44 128	497,017	2 621,252	5,274	4,806
75	84	40 331	427,535	2 124,236	4,969	4,500
76	85	36 436	363,518	1 696,700	4,667	4,199
77	86	32 411	304,340	1 333,182	4,381	3,912
78	87	28 381	250,825	1 028,842	4,102	3,633
79	88	24 383	202,816	778,017	3,836	3,368
80	89	20 508	160,552	575,201	3,583	3,114
81	90	16 845	124,115	414,649	3,341	2,872
82	91	13 434	93,160	290,534	3,119	2,650
83	92	10 370	67,680	197,373	2,916	2,448
84	93	7 739	47,539	129,694	2,728	2,260
85	94	5 559	32,136	82,155	2,556	2,088
86	95	3 831	20,847	50,018	2,399	1,931
87	96	2 526	12,935	29,171	2,255	1,787
88	97	1 566	7,548	16,236	2,151	1,683
89	98	934	4,239	8,688	2,049	1,581
90	99	536	2,288	4,449	1,944	1,476
91	100	291	1,169	2,161	1,849	1,381

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 607	99 607,197	1 648 042,234	16,545	16,077
1	11	99 247	93 408,531	1 548 435,037	16,577	16,109
2	12	99 211	87 882,815	1 455 026,506	16,556	16,088
3	13	99 188	82 693,831	1 367 143,691	16,533	16,064
4	14	99 168	77 813,678	1 284 449,860	16,507	16,038
5	15	99 148	73 221,848	1 206 636,182	16,479	16,011
6	16	99 126	68 899,374	1 133 414,334	16,450	15,982
7	17	99 103	64 831,027	1 064 514,960	16,420	15,951
8	18	99 081	61 003,874	999 683,933	16,387	15,919
9	19	99 053	57 399,190	938 680,060	16,354	15,885
10	20	99 027	54 009,002	881 280,870	16,317	15,849
11	21	99 001	50 818,577	827 271,868	16,279	15,811
12	22	98 977	47 817,661	776 453,290	16,238	15,769
13	23	98 954	44 994,433	728 635,629	16,194	15,726
14	24	98 927	42 336,021	683 641,196	16,148	15,680
15	25	98 896	39 833,092	641 305,175	16,100	15,631
16	26	98 861	37 476,845	601 472,083	16,049	15,581
17	27	98 818	35 256,960	563 995,238	15,997	15,528
18	28	98 770	33 166,765	528 738,278	15,942	15,473
19	29	98 709	31 196,465	495 571,513	15,886	15,417
20	30	98 644	29 342,108	464 375,048	15,826	15,358
21	31	98 570	27 595,422	435 032,940	15,765	15,296
22	32	98 499	25 953,484	407 437,518	15,699	15,230
23	33	98 421	24 407,362	381 484,034	15,630	15,162
24	34	98 345	22 953,953	357 076,672	15,556	15,088
25	35	98 258	21 584,695	334 122,720	15,480	15,011
26	36	98 175	20 297,742	312 538,025	15,398	14,929
27	37	98 085	19 086,236	292 240,283	15,312	14,843
28	38	97 993	17 946,697	273 154,047	15,220	14,752
29	39	97 886	16 872,635	255 207,350	15,126	14,657
30	40	97 776	15 862,302	238 334,715	15,025	14,557
31	41	97 655	14 910,613	222 472,413	14,920	14,452
32	42	97 522	14 014,493	207 561,801	14,811	14,342
33	43	97 383	13 171,285	193 547,307	14,695	14,226
34	44	97 223	12 376,185	180 376,022	14,574	14,106
35	45	97 054	11 627,914	167 999,837	14,448	13,980
36	46	96 865	10 922,539	156 371,923	14,316	13,848
37	47	96 664	10 258,696	145 449,384	14,178	13,710
38	48	96 437	9 632,565	135 190,688	14,035	13,566
39	49	96 180	9 041,828	125 558,123	13,886	13,418
40	50	95 905	8 485,617	116 516,294	13,731	13,263
41	51	95 609	7 961,795	108 030,678	13,569	13,100
42	52	95 277	7 467,425	100 068,883	13,401	12,932
43	53	94 917	7 001,666	92 601,458	13,226	12,757
44	54	94 528	6 562,762	85 599,792	13,043	12,575
45	55	94 085	6 147,801	79 037,030	12,856	12,388
46	56	93 596	5 756,090	72 889,228	12,663	12,195
47	57	93 058	5 386,355	67 133,138	12,464	11,995
48	58	92 474	5 037,660	61 746,783	12,257	11,789
49	59	91 827	4 708,170	56 709,122	12,045	11,576
50	60	91 123	4 397,259	52 000,953	11,826	11,357
51	61	90 341	4 103,077	47 603,694	11,602	11,134
52	62	89 495	3 825,547	43 500,617	11,371	10,903
53	63	88 578	3 563,611	39 675,069	11,133	10,665
54	64	87 567	3 315,702	36 111,459	10,891	10,423
55	65	86 450	3 080,875	32 795,756	10,645	10,177
56	66	85 254	2 859,528	29 714,881	10,392	9,923
57	67	83 950	2 650,165	26 855,354	10,133	9,665
58	68	82 545	2 452,507	24 205,188	9,870	9,401
59	69	81 014	2 265,454	21 752,682	9,602	9,134
60	70	79 363	2 088,720	19 487,228	9,330	8,861
61	71	77 592	1 922,003	17 398,508	9,052	8,584
62	72	75 701	1 764,852	15 476,504	8,769	8,301
63	73	73 689	1 616,890	13 711,653	8,480	8,012
64	74	71 539	1 477,371	12 094,763	8,187	7,718
65	75	69 261	1 346,193	10 617,392	7,887	7,419
66	76	66 881	1 223,476	9 271,199	7,578	7,109
67	77	64 352	1 107,964	8 047,723	7,264	6,795
68	78	61 690	999,655	6 939,759	6,942	6,474
69	79	58 846	897,477	5 940,104	6,619	6,150
70	80	55 795	800,886	5 042,628	6,296	5,828
71	81	52 562	710,093	4 241,741	5,973	5,505
72	82	49 079	624,039	3 531,648	5,659	5,191
73	83	45 434	543,710	2 907,609	5,348	4,879
74	84	41 625	468,830	2 363,899	5,042	4,574
75	85	37 703	399,676	1 895,069	4,742	4,273
76	86	33 662	335,845	1 495,393	4,453	3,984
77	87	29 585	277,808	1 159,548	4,174	3,706
78	88	25 545	225,756	881,740	3,906	3,437
79	89	21 598	179,654	655,984	3,651	3,183
80	90	17 852	139,758	476,330	3,408	2,940
81	91	14 361	105,811	336,572	3,181	2,713
82	92	11 182	77,544	230,761	2,976	2,508
83	93	8 425	54,990	153,218	2,786	2,318
84	94	6 122	37,604	98,228	2,612	2,144
85	95	4 279	24,740	60,624	2,450	1,982
86	96	2 863	15,577	35,884	2,304	1,835
87	97	1 804	9,240	20,306	2,198	1,729
88	98	1 098	5,291	11,066	2,092	1,623
89	99	642	2,912	5,775	1,983	1,515
90	100	355	1,517	2,863	1,887	1,419

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 601	99 601,371	1 646 572,568	16,532	16,063
1	12	99 239	93 401,308	1 546 971,197	16,563	16,094
2	13	99 204	87 875,914	1 453 569,889	16,541	16,073
3	14	99 179	82 686,040	1 365 693,975	16,517	16,048
4	15	99 159	77 806,503	1 283 007,935	16,490	16,021
5	16	99 136	73 212,939	1 205 201,432	16,462	15,993
6	17	99 112	68 889,229	1 131 988,493	16,432	15,964
7	18	99 089	64 822,199	1 063 099,264	16,400	15,932
8	19	99 061	60 991,855	998 277,065	16,367	15,899
9	20	99 035	57 389,157	937 285,210	16,332	15,864
10	21	99 009	53 999,017	879 896,053	16,295	15,826
11	22	98 985	50 810,198	825 897,036	16,255	15,786
12	23	98 961	47 809,876	775 086,838	16,212	15,744
13	24	98 937	44 986,335	727 276,962	16,167	15,698
14	25	98 909	42 328,403	682 290,627	16,119	15,651
15	26	98 877	39 825,515	639 962,224	16,069	15,601
16	27	98 843	37 469,792	600 136,709	16,017	15,548
17	28	98 797	35 249,373	562 666,917	15,962	15,494
18	29	98 746	33 158,950	527 417,544	15,906	15,437
19	30	98 683	31 188,392	494 258,594	15,848	15,379
20	31	98 613	29 332,803	463 070,202	15,787	15,318
21	32	98 539	27 586,757	433 737,399	15,723	15,254
22	33	98 465	25 944,592	406 150,642	15,655	15,186
23	34	98 385	24 398,567	380 206,050	15,583	15,115
24	35	98 305	22 944,634	355 807,483	15,507	15,039
25	36	98 218	21 575,799	332 862,850	15,428	14,959
26	37	98 130	20 288,435	311 287,051	15,343	14,875
27	38	98 038	19 077,176	290 998,616	15,254	14,785
28	39	97 934	17 935,871	271 921,439	15,161	14,692
29	40	97 828	16 862,492	253 985,568	15,062	14,594
30	41	97 709	15 851,425	237 123,076	14,959	14,491
31	42	97 582	14 899,575	221 271,651	14,851	14,383
32	43	97 445	14 003,369	206 372,076	14,737	14,269
33	44	97 295	13 159,325	192 368,707	14,618	14,150
34	45	97 129	12 364,173	179 209,382	14,494	14,026
35	46	96 942	11 614,516	166 845,209	14,365	13,897
36	47	96 747	10 909,241	155 230,693	14,229	13,761
37	48	96 531	10 244,639	144 321,453	14,088	13,619
38	49	96 283	9 617,210	134 076,814	13,941	13,473
39	50	96 012	9 026,022	124 459,603	13,789	13,321
40	51	95 727	8 469,891	115 433,581	13,629	13,160
41	52	95 404	7 944,736	106 963,690	13,463	12,995
42	53	95 054	7 450,004	99 018,954	13,291	12,823
43	54	94 674	6 983,688	91 568,951	13,112	12,643
44	55	94 255	6 543,804	84 585,263	12,926	12,458
45	56	93 780	6 127,849	78 041,458	12,736	12,267
46	57	93 262	5 735,501	71 913,610	12,538	12,070
47	58	92 693	5 365,219	66 178,109	12,335	11,866
48	59	92 071	5 015,750	60 812,890	12,124	11,656
49	60	91 395	4 686,011	55 797,141	11,907	11,439
50	61	90 642	4 374,059	51 111,129	11,685	11,217
51	62	89 827	4 079,747	46 737,070	11,456	10,988
52	63	88 946	3 802,080	42 657,323	11,219	10,751
53	64	87 980	3 539,560	38 855,243	10,977	10,509
54	65	86 912	3 290,925	35 315,683	10,731	10,263
55	66	85 761	3 056,319	32 024,758	10,478	10,010
56	67	84 507	2 834,472	28 968,439	10,220	9,752
57	68	83 154	2 625,036	26 133,966	9,956	9,487
58	69	81 681	2 426,839	23 508,930	9,687	9,219
59	70	80 078	2 239,278	21 082,091	9,415	8,946
60	71	78 363	2 062,405	18 842,813	9,136	8,668
61	72	76 529	1 895,669	16 780,409	8,852	8,384
62	73	74 580	1 738,708	14 884,740	8,561	8,092
63	74	72 479	1 590,347	13 146,032	8,266	7,798
64	75	70 262	1 451,010	11 555,686	7,964	7,496
65	76	67 929	1 320,304	10 104,675	7,653	7,185
66	77	65 439	1 197,090	8 784,372	7,338	6,870
67	78	62 821	1 081,598	7 587,281	7,015	6,547
68	79	59 997	972,216	6 505,683	6,692	6,223
69	80	56 998	869,283	5 533,467	6,366	5,897
70	81	53 761	771,685	4 664,184	6,044	5,576
71	82	50 319	679,791	3 892,499	5,726	5,258
72	83	46 655	593,224	3 212,708	5,416	4,947
73	84	42 857	512,875	2 619,483	5,107	4,639
74	85	38 913	438,280	2 106,608	4,807	4,338
75	86	34 833	369,251	1 668,329	4,518	4,050
76	87	30 727	306,566	1 299,078	4,238	3,769
77	88	26 628	250,042	992,512	3,969	3,501
78	89	22 627	199,975	742,470	3,713	3,244
79	90	18 801	156,385	542,495	3,469	3,001
80	91	15 219	119,147	386,110	3,241	2,772
81	92	11 953	88,074	266,963	3,031	2,563
82	93	9 085	63,004	178,889	2,839	2,371
83	94	6 665	43,498	115,885	2,664	2,196
84	95	4 713	28,949	72,387	2,500	2,032
85	96	3 197	18,486	43,438	2,350	1,881
86	97	2 045	11,128	24,952	2,242	1,774
87	98	1 265	6,477	13,824	2,134	1,666
88	99	754	3,634	7,347	2,022	1,553
89	100	426	1,931	3,713	1,923	1,455

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 594	99 593,669	1 644 994,186	16,517	16,049
1	13	99 231	93 393,974	1 545 400,517	16,547	16,079
2	14	99 194	87 867,635	1 452 006,543	16,525	16,057
3	15	99 170	82 678,416	1 364 138,908	16,499	16,031
4	16	99 147	77 797,036	1 281 460,492	16,472	16,003
5	17	99 122	73 202,159	1 203 663,456	16,443	15,975
6	18	99 098	68 879,848	1 130 461,297	16,412	15,944
7	19	99 070	64 809,428	1 061 581,449	16,380	15,912
8	20	99 044	60 981,194	996 772,020	16,346	15,877
9	21	99 017	57 378,547	935 790,826	16,309	15,841
10	22	98 993	53 990,113	878 412,280	16,270	15,802
11	23	98 969	50 801,925	824 422,167	16,228	15,760
12	24	98 943	47 801,272	773 620,242	16,184	15,716
13	25	98 919	44 978,241	725 818,969	16,137	15,669
14	26	98 890	42 320,351	680 840,729	16,088	15,619
15	27	98 858	39 818,020	638 520,378	16,036	15,568
16	28	98 821	37 461,729	598 702,358	15,982	15,513
17	29	98 774	35 241,067	561 240,628	15,926	15,457
18	30	98 721	33 150,369	525 999,562	15,867	15,399
19	31	98 652	31 178,502	492 849,193	15,807	15,339
20	32	98 582	29 323,592	461 670,691	15,744	15,276
21	33	98 505	27 577,305	432 347,099	15,678	15,209
22	34	98 430	25 935,243	404 769,794	15,607	15,139
23	35	98 345	24 388,661	378 834,551	15,533	15,065
24	36	98 264	22 935,177	354 445,889	15,454	14,986
25	37	98 173	21 565,906	331 510,712	15,372	14,904
26	38	98 083	20 278,805	309 944,806	15,284	14,816
27	39	97 979	19 065,668	289 666,001	15,193	14,725
28	40	97 875	17 925,089	270 600,333	15,096	14,628
29	41	97 760	16 850,929	252 675,244	14,995	14,526
30	42	97 637	15 839,691	235 824,314	14,888	14,420
31	43	97 505	14 887,749	219 984,623	14,776	14,308
32	44	97 356	13 990,653	205 096,875	14,660	14,191
33	45	97 200	13 146,553	191 106,222	14,537	14,068
34	46	97 017	12 349,927	177 959,669	14,410	13,941
35	47	96 824	11 600,375	165 609,742	14,276	13,808
36	48	96 614	10 894,292	154 009,368	14,137	13,668
37	49	96 377	10 228,308	143 115,076	13,992	13,524
38	50	96 115	9 600,399	132 886,768	13,842	13,373
39	51	95 834	9 009,295	123 286,369	13,684	13,216
40	52	95 522	8 451,743	114 277,073	13,521	13,053
41	53	95 181	7 926,201	105 825,331	13,351	12,883
42	54	94 810	7 430,874	97 899,130	13,175	12,706
43	55	94 400	6 963,514	90 468,255	12,992	12,523
44	56	93 949	6 522,567	83 504,741	12,802	12,334
45	57	93 445	6 105,930	76 982,174	12,608	12,139
46	58	92 896	5 712,994	70 876,245	12,406	11,938
47	59	92 290	5 341,883	65 163,251	12,199	11,730
48	60	91 638	4 992,144	59 821,368	11,983	11,515
49	61	90 913	4 661,288	54 829,224	11,763	11,294
50	62	90 127	4 349,189	50 167,936	11,535	11,067
51	63	89 276	4 054,720	45 818,747	11,300	10,832
52	64	88 346	3 776,420	41 764,027	11,059	10,591
53	65	87 322	3 513,110	37 987,607	10,813	10,345
54	66	86 219	3 264,695	34 474,496	10,560	10,091
55	67	85 010	3 029,539	31 209,801	10,302	9,833
56	68	83 706	2 807,595	28 180,262	10,037	9,569
57	69	82 284	2 597,563	25 372,667	9,768	9,300
58	70	80 737	2 398,798	22 775,104	9,494	9,026
59	71	79 070	2 211,066	20 376,306	9,216	8,747
60	72	77 289	2 034,146	18 165,240	8,930	8,462
61	73	75 396	1 867,587	16 131,094	8,637	8,169
62	74	73 355	1 710,165	14 263,507	8,340	7,872
63	75	71 186	1 561,970	12 553,342	8,037	7,569
64	76	68 911	1 423,105	10 991,373	7,724	7,255
65	77	66 464	1 291,830	9 568,267	7,407	6,938
66	78	63 882	1 168,604	8 276,437	7,082	6,614
67	79	61 097	1 051,910	7 107,833	6,757	6,289
68	80	58 112	941,675	6 055,923	6,431	5,963
69	81	54 920	837,588	5 114,248	6,106	5,638
70	82	51 467	738,754	4 276,660	5,789	5,321
71	83	47 834	646,224	3 537,906	5,475	5,006
72	84	44 010	559,582	2 891,683	5,168	4,699
73	85	40 065	479,455	2 332,101	4,864	4,396
74	86	35 951	404,916	1 852,646	4,575	4,107
75	87	31 796	337,059	1 447,731	4,295	3,827
76	88	27 656	275,927	1 110,671	4,025	3,557
77	89	23 587	221,487	834,745	3,769	3,300
78	90	19 697	174,074	613,258	3,523	3,055
79	91	16 028	133,322	439,184	3,294	2,826
80	92	12 668	99,174	305,862	3,084	2,616
81	93	9 712	71,560	206,688	2,888	2,420
82	94	7 187	49,838	135,128	2,711	2,243
83	95	5 131	33,486	85,290	2,547	2,079
84	96	3 521	21,631	51,804	2,395	1,926
85	97	2 284	13,206	30,172	2,285	1,816
86	98	1 434	7,800	16,967	2,175	1,707
87	99	869	4,449	9,167	2,060	1,592
88	100	500	2,410	4,717	1,958	1,489

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 586	99 585,848	1 643 302,221	16,501	16,033
1	14	99 222	93 385,175	1 543 716,373	16,531	16,062
2	15	99 185	87 859,533	1 450 331,198	16,507	16,039
3	16	99 158	82 668,357	1 362 471,665	16,481	16,013
4	17	99 132	77 785,581	1 279 803,308	16,453	15,985
5	18	99 108	73 192,192	1 202 017,727	16,423	15,954
6	19	99 079	68 866,278	1 128 825,536	16,392	15,923
7	20	99 052	64 798,100	1 059 959,258	16,358	15,890
8	21	99 026	60 969,920	995 161,158	16,322	15,854
9	22	99 001	57 369,085	934 191,238	16,284	15,816
10	23	98 977	53 981,323	876 822,153	16,243	15,775
11	24	98 951	50 792,783	822 840,830	16,200	15,732
12	25	98 926	47 792,671	772 048,047	16,154	15,686
13	26	98 900	44 969,685	724 255,376	16,105	15,637
14	27	98 872	42 312,386	679 285,692	16,054	15,586
15	28	98 837	39 809,452	636 973,305	16,001	15,532
16	29	98 798	37 452,902	597 163,854	15,944	15,476
17	30	98 748	35 231,947	559 710,952	15,886	15,418
18	31	98 690	33 139,856	524 479,004	15,826	15,358
19	32	98 621	31 168,712	491 339,148	15,764	15,296
20	33	98 548	29 313,545	460 170,437	15,698	15,230
21	34	98 470	27 567,368	430 856,891	15,629	15,161
22	35	98 390	25 924,714	403 289,524	15,556	15,088
23	36	98 305	24 378,610	377 364,810	15,479	15,011
24	37	98 219	22 924,662	352 986,200	15,398	14,929
25	38	98 126	21 555,670	330 061,538	15,312	14,844
26	39	98 024	20 266,572	308 505,868	15,222	14,754
27	40	97 920	19 054,207	288 239,297	15,127	14,659
28	41	97 808	17 912,798	269 185,090	15,028	14,559
29	42	97 688	16 838,455	251 272,292	14,923	14,454
30	43	97 560	15 827,118	234 433,837	14,812	14,344
31	44	97 416	14 874,229	218 606,719	14,697	14,229
32	45	97 262	13 977,074	203 732,489	14,576	14,108
33	46	97 088	13 131,405	189 755,415	14,451	13,982
34	47	96 899	12 334,890	176 624,010	14,319	13,851
35	48	96 692	11 584,479	164 289,120	14,182	13,713
36	49	96 460	10 876,926	152 704,641	14,039	13,571
37	50	96 209	10 210,428	141 827,715	13,890	13,422
38	51	95 936	9 582,607	131 617,287	13,735	13,267
39	52	95 629	8 989,991	122 034,680	13,575	13,106
40	53	95 299	8 432,025	113 044,688	13,407	12,938
41	54	94 937	7 905,849	104 612,663	13,232	12,764
42	55	94 536	7 409,409	96 706,815	13,052	12,584
43	56	94 094	6 940,914	89 297,406	12,865	12,397
44	57	93 613	6 499,236	82 356,491	12,672	12,203
45	58	93 078	6 081,969	75 857,255	12,472	12,004
46	59	92 492	5 688,146	69 775,286	12,267	11,798
47	60	91 856	5 316,742	64 087,140	12,054	11,585
48	61	91 155	4 965,805	58 770,398	11,835	11,367
49	62	90 396	4 634,785	53 804,593	11,609	11,141
50	63	89 574	4 322,509	49 169,808	11,375	10,907
51	64	88 674	4 027,355	44 847,299	11,136	10,667
52	65	87 685	3 748,200	40 819,944	10,891	10,422
53	66	86 626	3 485,109	37 071,744	10,637	10,169
54	67	85 464	3 236,089	33 586,634	10,379	9,910
55	68	84 204	3 000,812	30 350,545	10,114	9,646
56	69	82 830	2 778,212	27 349,733	9,844	9,376
57	70	81 333	2 567,549	24 571,521	9,570	9,102
58	71	79 720	2 368,576	22 003,971	9,290	8,822
59	72	77 986	2 180,770	19 635,395	9,004	8,536
60	73	76 144	2 004,013	17 454,625	8,710	8,241
61	74	74 158	1 836,928	15 450,612	8,411	7,943
62	75	72 047	1 679,650	13 613,684	8,105	7,637
63	76	69 817	1 531,931	11 934,034	7,790	7,322
64	77	67 425	1 392,415	10 402,103	7,471	7,002
65	78	64 882	1 261,089	9 009,688	7,144	6,676
66	79	62 128	1 136,528	7 748,599	6,818	6,349
67	80	59 177	1 018,865	6 612,071	6,490	6,021
68	81	55 994	907,340	5 593,206	6,164	5,696
69	82	52 576	801,845	4 685,866	5,844	5,376
70	83	48 925	702,275	3 884,021	5,531	5,062
71	84	45 121	609,575	3 181,746	5,220	4,751
72	85	41 142	523,118	2 572,171	4,917	4,449
73	86	37 015	442,956	2 049,053	4,626	4,158
74	87	32 816	369,615	1 606,097	4,345	3,877
75	88	28 618	303,372	1 236,482	4,076	3,607
76	89	24 498	244,415	933,110	3,818	3,349
77	90	20 532	192,800	688,695	3,572	3,104
78	91	16 792	148,403	495,894	3,342	2,873
79	92	13 341	110,973	347,492	3,131	2,663
80	93	10 293	80,579	236,519	2,935	2,467
81	94	7 683	56,606	155,941	2,755	2,287
82	95	5 533	38,367	99,335	2,589	2,121
83	96	3 834	25,022	60,968	2,437	1,968
84	97	2 516	15,452	35,946	2,326	1,858
85	98	1 601	9,257	20,494	2,214	1,746
86	99	985	5,358	11,237	2,097	1,629
87	100	576	2,950	5,879	1,993	1,525

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	14	99 576	99 576,466	1 641 489,677	16,485	16,016
1	15	99 213	93 376,564	1 541 913,211	16,513	16,044
2	16	99 173	87 848,843	1 448 536,646	16,489	16,021
3	17	99 143	82 656,184	1 360 687,803	16,462	15,994
4	18	99 119	77 774,989	1 278 031,619	16,432	15,964
5	19	99 089	73 177,772	1 200 256,630	16,402	15,934
6	20	99 061	68 854,241	1 127 078,858	16,369	15,901
7	21	99 034	64 786,120	1 058 224,617	16,334	15,866
8	22	99 009	60 959,866	993 438,497	16,297	15,828
9	23	98 985	57 359,745	932 478,631	16,257	15,788
10	24	98 959	53 971,608	875 118,886	16,214	15,746
11	25	98 933	50 783,643	821 147,278	16,170	15,701
12	26	98 907	47 783,580	770 363,635	16,122	15,654
13	27	98 881	44 961,222	722 580,055	16,071	15,603
14	28	98 851	42 303,281	677 618,834	16,018	15,550
15	29	98 814	39 800,071	635 315,552	15,963	15,494
16	30	98 773	37 443,210	595 515,481	15,904	15,436
17	31	98 717	35 220,774	558 072,271	15,845	15,377
18	32	98 659	33 129,450	522 851,497	15,782	15,314
19	33	98 587	31 158,032	489 722,046	15,717	15,249
20	34	98 512	29 302,982	458 564,014	15,649	15,181
21	35	98 430	27 556,176	429 261,032	15,578	15,109
22	36	98 349	25 914,029	401 704,856	15,501	15,033
23	37	98 260	24 367,432	375 790,827	15,422	14,953
24	38	98 173	22 913,780	351 423,394	15,337	14,868
25	39	98 067	21 542,666	328 509,614	15,249	14,781
26	40	97 965	20 254,389	306 966,948	15,156	14,687
27	41	97 853	19 041,141	286 712,559	15,058	14,589
28	42	97 735	17 899,538	267 671,418	14,954	14,486
29	43	97 611	16 825,090	249 771,880	14,845	14,377
30	44	97 471	15 812,746	232 946,791	14,732	14,263
31	45	97 322	14 859,793	217 134,045	14,612	14,144
32	46	97 150	13 960,969	202 274,252	14,489	14,020
33	47	96 970	13 115,417	188 313,283	14,358	13,890
34	48	96 766	12 317,988	175 197,865	14,223	13,755
35	49	96 538	11 566,013	162 879,877	14,083	13,614
36	50	96 292	10 857,912	151 313,865	13,936	13,467
37	51	96 030	10 191,506	140 455,953	13,782	13,313
38	52	95 731	9 562,075	130 264,446	13,623	13,155
39	53	95 406	8 969,018	120 702,372	13,458	12,989
40	54	95 055	8 410,374	111 733,354	13,285	12,817
41	55	94 663	7 883,011	103 322,979	13,107	12,639
42	56	94 230	7 385,362	95 439,968	12,923	12,455
43	57	93 757	6 916,087	88 054,606	12,732	12,263
44	58	93 246	6 473,732	81 138,519	12,533	12,065
45	59	92 673	6 055,516	74 664,787	12,330	11,862
46	60	92 056	5 661,376	68 609,271	12,119	11,650
47	61	91 371	5 288,691	62 947,895	11,902	11,434
48	62	90 636	4 937,570	57 659,204	11,678	11,209
49	63	89 841	4 606,353	52 721,634	11,445	10,977
50	64	88 970	4 293,337	48 115,281	11,207	10,739
51	65	88 011	3 997,260	43 821,944	10,963	10,495
52	66	86 987	3 718,325	39 824,684	10,710	10,242
53	67	85 867	3 454,572	36 106,358	10,452	9,983
54	68	84 654	3 205,404	32 651,786	10,186	9,718
55	69	83 322	2 969,407	29 446,382	9,917	9,448
56	70	81 873	2 746,111	26 476,975	9,642	9,173
57	71	80 309	2 535,201	23 730,864	9,361	8,892
58	72	78 627	2 336,123	21 195,663	9,073	8,605
59	73	76 831	2 148,465	18 859,541	8,778	8,310
60	74	74 894	1 971,115	16 711,076	8,478	8,010
61	75	72 835	1 804,152	14 739,961	8,170	7,702
62	76	70 661	1 647,348	12 935,809	7,853	7,384
63	77	68 312	1 498,893	11 288,461	7,531	7,063
64	78	65 820	1 359,280	9 789,568	7,202	6,734
65	79	63 101	1 226,475	8 430,287	6,874	6,405
66	80	60 177	1 100,825	7 203,813	6,544	6,076
67	81	57 020	981,716	6 102,988	6,217	5,748
68	82	53 604	868,620	5 121,272	5,896	5,428
69	83	49 980	762,250	4 252,652	5,579	5,111
70	84	46 151	662,448	3 490,402	5,269	4,801
71	85	42 181	569,853	2 827,954	4,963	4,494
72	86	38 010	483,296	2 258,100	4,672	4,204
73	87	33 788	404,339	1 774,805	4,389	3,921
74	88	29 537	332,674	1 370,465	4,120	3,651
75	89	25 350	268,726	1 037,791	3,862	3,394
76	90	21 325	212,759	769,065	3,615	3,146
77	91	17 504	164,367	556,306	3,385	2,916
78	92	13 977	123,525	391,940	3,173	2,705
79	93	10 840	90,165	268,414	2,977	2,509
80	94	8 142	63,740	178,249	2,797	2,328
81	95	5 914	43,577	114,509	2,628	2,159
82	96	4 134	28,669	70,933	2,474	2,006
83	97	2 739	17,874	42,264	2,365	1,896
84	98	1 763	10,832	24,390	2,252	1,783
85	99	1 100	6,358	13,558	2,132	1,664
86	100	653	3,552	7,200	2,027	1,558

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 567	99 567,285	1 639 550,693	16,467	15,998
1	16	99 201	93 365,203	1 539 983,408	16,494	16,026
2	17	99 159	87 835,908	1 446 618,205	16,470	16,001
3	18	99 130	82 644,929	1 358 782,297	16,441	15,973
4	19	99 099	77 759,666	1 276 137,368	16,411	15,943
5	20	99 071	73 164,981	1 198 377,702	16,379	15,911
6	21	99 043	68 841,511	1 125 212,721	16,345	15,877
7	22	99 018	64 775,437	1 056 371,210	16,308	15,840
8	23	98 993	60 949,941	991 595,772	16,269	15,801
9	24	98 967	57 349,422	930 645,831	16,228	15,759
10	25	98 941	53 961,897	873 296,409	16,184	15,715
11	26	98 914	50 773,983	819 334,512	16,137	15,669
12	27	98 888	47 774,587	768 560,529	16,087	15,619
13	28	98 860	44 951,547	720 785,943	16,035	15,566
14	29	98 827	42 293,313	675 834,396	15,980	15,511
15	30	98 788	39 789,772	633 541,083	15,922	15,454
16	31	98 741	37 431,336	593 751,311	15,862	15,394
17	32	98 686	35 209,715	556 319,975	15,800	15,332
18	33	98 625	33 118,099	521 110,260	15,735	15,267
19	34	98 552	31 146,805	487 992,161	15,667	15,199
20	35	98 472	29 291,086	456 845,356	15,597	15,128
21	36	98 389	27 544,819	427 554,270	15,522	15,054
22	37	98 304	25 902,148	400 009,452	15,443	14,975
23	38	98 213	24 355,866	374 107,304	15,360	14,892
24	39	98 114	22 899,957	349 751,438	15,273	14,805
25	40	98 008	21 529,716	326 851,480	15,181	14,713
26	41	97 898	20 240,500	305 321,764	15,085	14,616
27	42	97 781	19 027,046	285 081,264	14,983	14,515
28	43	97 658	17 885,330	266 054,218	14,876	14,407
29	44	97 522	16 809,811	248 168,888	14,763	14,295
30	45	97 376	15 797,398	231 359,077	14,645	14,177
31	46	97 210	14 842,671	215 561,678	14,523	14,055
32	47	97 031	13 943,971	200 719,008	14,395	13,926
33	48	96 837	13 097,445	186 775,036	14,260	13,792
34	49	96 612	12 298,352	173 677,591	14,122	13,654
35	50	96 369	11 545,794	161 379,238	13,977	13,509
36	51	96 113	10 837,790	149 833,444	13,825	13,357
37	52	95 825	10 169,669	138 995,654	13,668	13,199
38	53	95 507	9 539,767	128 825,985	13,504	13,036
39	54	95 161	8 945,988	119 286,218	13,334	12,866
40	55	94 780	8 386,079	110 340,230	13,158	12,689
41	56	94 355	7 857,427	101 954,150	12,976	12,507
42	57	93 893	7 358,945	94 096,723	12,787	12,318
43	58	93 389	6 888,947	86 737,778	12,591	12,123
44	59	92 840	6 445,575	79 848,831	12,388	11,920
45	60	92 237	6 027,017	73 403,256	12,179	11,711
46	61	91 571	5 631,506	67 376,239	11,964	11,496
47	62	90 851	5 258,620	61 744,732	11,742	11,273
48	63	90 080	4 907,281	56 486,112	11,511	11,042
49	64	89 235	4 575,265	51 578,831	11,273	10,805
50	65	88 305	4 261,254	47 003,566	11,030	10,562
51	66	87 310	3 965,400	42 742,312	10,779	10,310
52	67	86 224	3 685,745	38 776,911	10,521	10,052
53	68	85 053	3 421,815	35 091,167	10,255	9,787
54	69	83 768	3 171,857	31 669,351	9,984	9,516
55	70	82 360	2 935,097	28 497,494	9,709	9,241
56	71	80 841	2 711,513	25 562,397	9,427	8,959
57	72	79 208	2 500,464	22 850,884	9,139	8,670
58	73	77 463	2 301,516	20 350,420	8,842	8,374
59	74	75 570	2 113,195	18 048,904	8,541	8,073
60	75	73 558	1 935,944	15 935,708	8,231	7,763
61	76	71 434	1 769,455	13 999,764	7,912	7,444
62	77	69 137	1 611,821	12 230,309	7,588	7,120
63	78	66 686	1 463,225	10 618,487	7,257	6,789
64	79	64 014	1 321,971	9 155,262	6,925	6,457
65	80	61 119	1 187,946	7 833,292	6,594	6,126
66	81	57 983	1 060,687	6 645,346	6,265	5,797
67	82	54 586	939,822	5 584,659	5,942	5,474
68	83	50 957	825,729	4 644,837	5,625	5,157
69	84	47 145	719,022	3 819,108	5,312	4,843
70	85	43 143	619,281	3 100,086	5,006	4,538
71	86	38 970	526,474	2 480,805	4,712	4,244
72	87	34 696	441,162	1 954,332	4,430	3,962
73	88	30 411	363,927	1 513,170	4,158	3,690
74	89	26 163	294,682	1 149,243	3,900	3,432
75	90	22 067	233,921	854,561	3,653	3,185
76	91	18 180	181,382	620,639	3,422	2,953
77	92	14 570	136,813	439,257	3,211	2,742
78	93	11 356	100,364	302,444	3,013	2,545
79	94	8 575	71,323	202,080	2,833	2,365
80	95	6 268	49,069	130,757	2,665	2,196
81	96	4 419	32,562	81,688	2,509	2,040
82	97	2 953	20,479	49,126	2,399	1,930
83	98	1 920	12,530	28,647	2,286	1,818
84	99	1 211	7,440	16,118	2,166	1,698
85	100	729	4,216	8,677	2,058	1,590

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 555	99 555,170	1 637 477,195	16,448	15,980
1	17	99 186	93 351,456	1 537 922,025	16,475	16,006
2	18	99 145	87 823,948	1 444 570,569	16,448	15,980
3	19	99 110	82 628,647	1 356 746,621	16,420	15,951
4	20	99 082	77 746,075	1 274 117,974	16,388	15,920
5	21	99 053	73 151,454	1 196 371,899	16,355	15,886
6	22	99 027	68 830,159	1 123 220,445	16,319	15,850
7	23	99 002	64 764,891	1 054 390,286	16,280	15,812
8	24	98 975	60 938,972	989 625,395	16,240	15,771
9	25	98 949	57 339,103	928 686,422	16,196	15,728
10	26	98 922	53 951,632	871 347,319	16,151	15,682
11	27	98 896	50 764,427	817 395,688	16,102	15,633
12	28	98 867	47 764,307	766 631,260	16,050	15,582
13	29	98 837	44 940,954	718 866,954	15,996	15,527
14	30	98 802	42 282,369	673 925,999	15,939	15,470
15	31	98 757	39 777,153	631 643,631	15,880	15,411
16	32	98 710	37 419,583	591 866,477	15,817	15,349
17	33	98 652	35 197,651	554 446,895	15,752	15,284
18	34	98 589	33 106,166	519 249,244	15,684	15,216
19	35	98 512	31 134,159	486 143,078	15,614	15,146
20	36	98 432	29 279,014	455 008,918	15,540	15,072
21	37	98 344	27 532,190	425 729,905	15,463	14,995
22	38	98 258	25 889,853	398 197,715	15,380	14,912
23	39	98 154	24 341,173	372 307,862	15,295	14,827
24	40	98 055	22 886,191	347 966,689	15,204	14,736
25	41	97 941	21 514,953	325 080,497	15,110	14,641
26	42	97 825	20 225,517	303 565,544	15,009	14,541
27	43	97 703	19 011,943	283 340,027	14,903	14,435
28	44	97 569	17 869,089	264 328,084	14,792	14,324
29	45	97 427	16 793,496	246 458,996	14,676	14,208
30	46	97 264	15 779,196	229 665,499	14,555	14,087
31	47	97 091	14 824,600	213 886,303	14,428	13,959
32	48	96 898	13 924,864	199 061,703	14,295	13,827
33	49	96 683	13 076,567	185 136,839	14,158	13,690
34	50	96 443	12 276,854	172 060,272	14,015	13,547
35	51	96 190	11 524,398	159 783,418	13,865	13,396
36	52	95 907	10 814,568	148 259,021	13,709	13,241
37	53	95 601	10 145,944	137 444,452	13,547	13,078
38	54	95 262	9 515,272	127 298,509	13,378	12,910
39	55	94 886	8 920,146	117 783,237	13,204	12,736
40	56	94 472	8 358,863	108 863,091	13,024	12,555
41	57	94 018	7 829,322	100 504,228	12,837	12,369
42	58	93 524	7 330,067	92 674,906	12,643	12,175
43	59	92 983	6 858,985	85 344,839	12,443	11,974
44	60	92 403	6 415,240	78 485,854	12,234	11,766
45	61	91 750	5 995,218	72 070,615	12,021	11,553
46	62	91 050	5 599,486	66 075,396	11,800	11,332
47	63	90 294	5 226,362	60 475,910	11,571	11,103
48	64	89 472	4 874,162	55 249,548	11,335	10,867
49	65	88 568	4 541,075	50 375,386	11,093	10,625
50	66	87 601	4 227,290	45 834,310	10,842	10,374
51	67	86 545	3 930,655	41 607,020	10,585	10,117
52	68	85 407	3 650,796	37 676,365	10,320	9,852
53	69	84 163	3 386,004	34 025,569	10,049	9,581
54	70	82 800	3 135,208	30 639,566	9,773	9,304
55	71	81 322	2 898,118	27 504,358	9,490	9,022
56	72	79 733	2 674,360	24 606,240	9,201	8,732
57	73	78 035	2 463,424	21 931,879	8,903	8,435
58	74	76 191	2 263,734	19 468,456	8,600	8,132
59	75	74 221	2 075,489	17 204,722	8,289	7,821
60	76	72 143	1 898,713	15 129,232	7,968	7,500
61	77	69 893	1 731,295	13 230,519	7,642	7,174
62	78	67 492	1 573,466	11 499,224	7,308	6,840
63	79	64 856	1 423,062	9 925,758	6,975	6,507
64	80	62 003	1 280,442	8 502,696	6,640	6,172
65	81	58 891	1 144,631	7 222,254	6,310	5,841
66	82	55 508	1 015,423	6 077,623	5,985	5,517
67	83	51 891	893,415	5 062,200	5,666	5,198
68	84	48 067	778,900	4 168,785	5,352	4,884
69	85	44 073	672,168	3 389,884	5,043	4,575
70	86	39 859	572,138	2 717,716	4,750	4,282
71	87	35 573	480,576	2 145,578	4,465	3,996
72	88	31 228	397,070	1 665,002	4,193	3,725
73	89	26 938	322,366	1 267,932	3,933	3,465
74	90	22 775	256,515	945,566	3,686	3,218
75	91	18 813	199,423	689,051	3,455	2,987
76	92	15 132	150,976	489,627	3,243	2,775
77	93	11 838	111,160	338,651	3,047	2,578
78	94	8 983	79,390	227,491	2,865	2,397
79	95	6 601	54,907	148,100	2,697	2,229
80	96	4 684	36,666	93,193	2,542	2,073
81	97	3 157	23,260	56,528	2,430	1,962
82	98	2 070	14,356	33,267	2,317	1,849
83	99	1 319	8,606	18,912	2,197	1,729
84	100	803	4,933	10,305	2,089	1,621

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 541	99 540,511	1 635 263,961	16,428	15,960
1	18	99 172	93 338,745	1 535 723,449	16,453	15,985
2	19	99 125	87 806,645	1 442 384,705	16,427	15,958
3	20	99 093	82 614,204	1 354 578,060	16,396	15,928
4	21	99 064	77 731,701	1 271 963,855	16,364	15,895
5	22	99 037	73 139,392	1 194 232,154	16,328	15,860
6	23	99 011	68 818,953	1 121 092,763	16,290	15,822
7	24	98 984	64 753,236	1 052 273,810	16,251	15,782
8	25	98 957	60 928,007	987 520,574	16,208	15,740
9	26	98 930	57 328,196	926 592,566	16,163	15,695
10	27	98 904	53 941,478	869 264,371	16,115	15,647
11	28	98 875	50 753,504	815 322,893	16,064	15,596
12	29	98 844	47 753,051	764 569,389	16,011	15,543
13	30	98 811	44 929,325	716 816,338	15,954	15,486
14	31	98 770	42 268,960	671 887,013	15,896	15,427
15	32	98 726	39 764,663	629 618,053	15,834	15,365
16	33	98 676	37 406,761	589 853,389	15,769	15,300
17	34	98 616	35 184,968	552 446,628	15,701	15,233
18	35	98 549	33 092,725	517 261,660	15,631	15,162
19	36	98 471	31 121,328	484 168,935	15,557	15,089
20	37	98 387	29 265,589	453 047,607	15,481	15,012
21	38	98 297	27 519,121	423 782,017	15,400	14,931
22	39	98 198	25 874,235	396 262,896	15,315	14,847
23	40	98 095	24 326,541	370 388,661	15,226	14,757
24	41	97 987	22 870,498	346 062,121	15,131	14,663
25	42	97 868	21 499,027	323 191,622	15,033	14,564
26	43	97 748	20 209,463	301 692,596	14,928	14,460
27	44	97 614	18 994,679	281 483,133	14,819	14,351
28	45	97 474	17 851,745	262 488,454	14,704	14,235
29	46	97 315	16 774,146	244 636,709	14,584	14,116
30	47	97 146	15 759,985	227 862,563	14,458	13,990
31	48	96 958	14 804,286	212 102,578	14,327	13,859
32	49	96 744	13 902,667	197 298,292	14,191	13,723
33	50	96 514	13 053,708	183 395,625	14,049	13,581
34	51	96 264	12 254,102	170 341,917	13,901	13,432
35	52	95 984	11 499,704	158 087,814	13,747	13,279
36	53	95 683	10 789,338	146 588,110	13,586	13,118
37	54	95 356	10 119,892	135 798,772	13,419	12,951
38	55	94 987	9 487,785	125 678,880	13,246	12,778
39	56	94 578	8 891,196	116 191,095	13,068	12,600
40	57	94 134	8 328,963	107 299,898	12,883	12,414
41	58	93 649	7 798,598	98 970,935	12,691	12,223
42	59	93 117	7 298,186	91 172,337	12,492	12,024
43	60	92 546	6 826,704	83 874,151	12,286	11,818
44	61	91 916	6 381,393	77 047,447	12,074	11,605
45	62	91 229	5 961,130	70 666,054	11,854	11,386
46	63	90 491	5 565,137	64 704,923	11,627	11,158
47	64	89 685	5 191,090	59 139,787	11,393	10,924
48	65	88 804	4 837,739	53 948,697	11,152	10,683
49	66	87 862	4 504,881	49 110,958	10,902	10,433
50	67	86 833	4 190,250	44 606,077	10,645	10,177
51	68	85 724	3 893,384	40 415,826	10,381	9,912
52	69	84 513	3 612,588	36 522,443	10,110	9,641
53	70	83 191	3 346,880	32 909,855	9,833	9,365
54	71	81 757	3 095,708	29 562,975	9,550	9,081
55	72	80 208	2 858,409	26 467,267	9,259	8,791
56	73	78 552	2 634,744	23 608,859	8,961	8,492
57	74	76 754	2 422,984	20 974,115	8,656	8,188
58	75	74 832	2 223,342	18 551,131	8,344	7,875
59	76	72 794	2 035,575	16 327,789	8,021	7,553
60	77	70 587	1 857,765	14 292,215	7,693	7,225
61	78	68 230	1 690,097	12 434,449	7,357	6,889
62	79	65 639	1 530,277	10 744,352	7,021	6,553
63	80	62 818	1 378,358	9 214,075	6,685	6,216
64	81	59 742	1 233,755	7 835,718	6,351	5,883
65	82	56 378	1 095,785	6 601,963	6,025	5,557
66	83	52 767	965,283	5 506,177	5,704	5,236
67	84	48 948	842,748	4 540,895	5,388	4,920
68	85	44 935	728,145	3 698,147	5,079	4,611
69	86	40 718	621,000	2 970,002	4,783	4,314
70	87	36 384	522,259	2 349,002	4,498	4,029
71	88	32 017	432,544	1 826,743	4,223	3,755
72	89	27 662	351,724	1 394,198	3,964	3,496
73	90	23 449	280,614	1 042,475	3,715	3,247
74	91	19 416	218,685	761,861	3,484	3,015
75	92	15 659	165,993	543,176	3,272	2,804
76	93	12 295	122,668	377,182	3,075	2,606
77	94	9 364	87,931	254,514	2,894	2,426
78	95	6 915	61,118	166,584	2,726	2,257
79	96	4 932	41,028	105,466	2,571	2,102
80	97	3 346	26,192	64,438	2,460	1,992
81	98	2 213	16,305	38,246	2,346	1,877
82	99	1 422	9,861	21,941	2,225	1,757
83	100	874	5,706	12,081	2,117	1,649

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 527	99 526,958	1 632 905,068	16,407	15,938
1	19	99 153	93 320,355	1 533 378,110	16,431	15,963
2	20	99 108	87 791,297	1 440 057,755	16,403	15,935
3	21	99 074	82 598,931	1 352 266,457	16,371	15,903
4	22	99 047	77 718,883	1 269 667,527	16,337	15,868
5	23	99 021	73 127,484	1 191 948,643	16,300	15,831
6	24	98 993	68 806,568	1 118 821,160	16,260	15,792
7	25	98 966	64 741,584	1 050 014,591	16,219	15,750
8	26	98 939	60 916,417	985 273,007	16,174	15,706
9	27	98 912	57 317,407	924 356,590	16,127	15,659
10	28	98 882	53 929,871	867 039,183	16,077	15,609
11	29	98 851	50 741,544	813 109,312	16,025	15,556
12	30	98 818	47 740,694	762 367,768	15,969	15,501
13	31	98 780	44 915,077	714 627,074	15,911	15,442
14	32	98 739	42 255,687	669 711,997	15,849	15,381
15	33	98 692	39 751,039	627 456,310	15,785	15,316
16	34	98 641	37 393,283	587 705,271	15,717	15,249
17	35	98 576	35 170,683	550 311,988	15,647	15,179
18	36	98 509	33 079,086	515 141,305	15,573	15,105
19	37	98 426	31 107,059	482 062,219	15,497	15,029
20	38	98 340	29 251,698	450 955,160	15,416	14,948
21	39	98 238	27 502,520	421 703,462	15,333	14,865
22	40	98 139	25 858,681	394 200,942	15,244	14,776
23	41	98 028	24 309,860	368 342,261	15,152	14,684
24	42	97 915	22 853,568	344 032,401	15,054	14,585
25	43	97 791	21 481,962	321 178,833	14,951	14,483
26	44	97 659	20 191,111	299 696,871	14,843	14,375
27	45	97 520	18 976,243	279 505,760	14,729	14,261
28	46	97 362	17 831,176	260 529,517	14,611	14,143
29	47	97 196	16 753,723	242 698,341	14,486	14,018
30	48	97 013	15 738,389	225 944,617	14,356	13,888
31	49	96 804	14 780,687	210 206,229	14,222	13,753
32	50	96 575	13 878,364	195 425,542	14,081	13,613
33	51	96 335	13 029,517	181 547,178	13,934	13,465
34	52	96 058	12 227,846	168 517,660	13,781	13,313
35	53	95 760	11 472,876	156 289,815	13,623	13,154
36	54	95 438	10 761,635	144 816,939	13,457	12,988
37	55	95 080	10 090,659	134 055,304	13,285	12,817
38	56	94 679	9 456,993	123 964,645	13,108	12,640
39	57	94 239	8 859,393	114 507,652	12,925	12,457
40	58	93 765	8 296,279	105 648,260	12,734	12,266
41	59	93 242	7 764,679	97 351,980	12,538	12,069
42	60	92 679	7 263,838	89 587,301	12,333	11,865
43	61	92 057	6 790,686	82 323,463	12,123	11,655
44	62	91 393	6 345,109	75 532,777	11,904	11,436
45	63	90 669	5 924,562	69 187,667	11,678	11,210
46	64	89 881	5 527,578	63 263,105	11,445	10,977
47	65	89 015	5 152,298	57 735,527	11,206	10,737
48	66	88 096	4 799,180	52 583,229	10,957	10,488
49	67	87 092	4 465,409	47 784,048	10,701	10,233
50	68	86 010	4 150,517	43 318,639	10,437	9,969
51	69	84 827	3 852,637	39 168,122	10,167	9,698
52	70	83 536	3 570,846	35 315,485	9,890	9,422
53	71	82 142	3 304,713	31 744,639	9,606	9,138
54	72	80 636	3 053,291	28 439,926	9,315	8,846
55	73	79 020	2 816,065	25 386,635	9,015	8,547
56	74	77 263	2 591,491	22 570,570	8,709	8,241
57	75	75 384	2 379,750	19 979,078	8,395	7,927
58	76	73 392	2 180,584	17 599,329	8,071	7,603
59	77	71 224	1 991,676	15 418,744	7,742	7,273
60	78	68 908	1 813,557	13 427,069	7,404	6,935
61	79	66 357	1 643,707	11 613,512	7,065	6,597
62	80	63 577	1 482,204	9 969,805	6,726	6,258
63	81	60 528	1 328,101	8 487,600	6,391	5,922
64	82	57 193	1 181,106	7 159,500	6,062	5,593
65	83	53 594	1 041,677	5 978,394	5,739	5,271
66	84	49 775	910,540	4 936,717	5,422	4,953
67	85	45 759	787,832	4 026,177	5,110	4,642
68	86	41 514	672,715	3 238,345	4,814	4,345
69	87	37 168	566,861	2 565,630	4,526	4,058
70	88	32 748	470,062	1 998,769	4,252	3,784
71	89	28 361	383,147	1 528,707	3,990	3,522
72	90	24 079	306,169	1 145,560	3,742	3,273
73	91	19 991	239,230	839,391	3,509	3,040
74	92	16 161	182,026	600,161	3,297	2,829
75	93	12 723	134,869	418,135	3,100	2,632
76	94	9 726	97,033	283,266	2,919	2,451
77	95	7 209	67,692	186,232	2,751	2,283
78	96	5 167	45,668	118,540	2,596	2,127
79	97	3 523	29,308	72,872	2,486	2,018
80	98	2 345	18,360	43,564	2,373	1,904
81	99	1 520	11,200	25,204	2,250	1,782
82	100	943	6,538	14,004	2,142	1,674

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 507	99 507,349	1 630 390,344	16,385	15,916
1	20	99 136	93 304,044	1 530 882,995	16,407	15,939
2	21	99 090	87 775,066	1 437 578,951	16,378	15,910
3	22	99 058	82 585,310	1 349 803,884	16,344	15,876
4	23	99 031	77 706,230	1 267 218,574	16,308	15,839
5	24	99 003	73 114,324	1 189 512,344	16,269	15,801
6	25	98 975	68 794,187	1 116 398,021	16,228	15,760
7	26	98 947	64 729,269	1 047 603,833	16,184	15,716
8	27	98 920	60 904,953	982 874,564	16,138	15,669
9	28	98 890	57 305,073	921 969,611	16,089	15,620
10	29	98 859	53 917,163	864 664,538	16,037	15,569
11	30	98 826	50 728,414	810 747,376	15,982	15,514
12	31	98 787	47 725,554	760 018,962	15,925	15,456
13	32	98 749	44 900,973	712 293,408	15,864	15,395
14	33	98 706	42 241,209	667 392,434	15,800	15,331
15	34	98 657	39 736,715	625 151,225	15,732	15,264
16	35	98 601	37 378,101	585 414,510	15,662	15,194
17	36	98 536	35 156,188	548 036,409	15,589	15,120
18	37	98 463	33 063,920	512 880,220	15,512	15,043
19	38	98 379	31 092,294	479 816,301	15,432	14,964
20	39	98 281	29 234,052	448 724,007	15,349	14,881
21	40	98 179	27 485,987	419 489,955	15,262	14,794
22	41	98 072	25 840,950	392 003,968	15,170	14,702
23	42	97 955	24 291,865	366 163,018	15,073	14,605
24	43	97 837	22 835,428	341 871,154	14,971	14,503
25	44	97 702	21 462,455	319 035,726	14,865	14,396
26	45	97 564	20 171,514	297 573,271	14,752	14,284
27	46	97 407	18 954,378	277 401,757	14,635	14,167
28	47	97 244	17 809,466	258 447,379	14,512	14,043
29	48	97 063	16 730,766	240 637,913	14,383	13,915
30	49	96 858	15 713,301	223 907,147	14,250	13,781
31	50	96 634	14 754,849	208 193,846	14,110	13,642
32	51	96 396	13 852,645	193 438,997	13,964	13,496
33	52	96 128	13 001,599	179 586,352	13,813	13,344
34	53	95 834	12 199,319	166 584,753	13,655	13,187
35	54	95 514	11 443,417	154 385,435	13,491	13,023
36	55	95 162	10 730,548	142 942,018	13,321	12,853
37	56	94 772	10 057,910	132 211,470	13,145	12,677
38	57	94 340	9 423,166	122 153,560	12,963	12,495
39	58	93 870	8 824,627	112 730,394	12,775	12,306
40	59	93 357	8 260,196	103 905,767	12,579	12,111
41	60	92 803	7 728,136	95 645,571	12,376	11,908
42	61	92 190	7 225,514	87 917,436	12,168	11,699
43	62	91 534	6 752,075	80 691,921	11,951	11,482
44	63	90 832	6 306,186	73 939,846	11,725	11,257
45	64	90 057	5 884,578	67 633,660	11,493	11,025
46	65	89 209	5 486,272	61 749,082	11,255	10,787
47	66	88 305	5 111,232	56 262,810	11,008	10,539
48	67	87 324	4 757,129	51 151,578	10,753	10,284
49	68	86 266	4 423,067	46 394,448	10,489	10,021
50	69	85 110	4 107,079	41 971,382	10,219	9,751
51	70	83 847	3 808,121	37 864,302	9,943	9,475
52	71	82 484	3 525,857	34 056,181	9,659	9,191
53	72	81 017	3 259,433	30 530,324	9,367	8,898
54	73	79 442	3 008,061	27 270,891	9,066	8,598
55	74	77 722	2 769,836	24 262,830	8,760	8,291
56	75	75 884	2 545,251	21 492,994	8,444	7,976
57	76	73 935	2 333,984	18 947,743	8,118	7,650
58	77	71 810	2 133,558	16 613,759	7,787	7,319
59	78	69 529	1 944,281	14 480,201	7,448	6,979
60	79	67 016	1 763,779	12 535,920	7,107	6,639
61	80	64 273	1 592,071	10 772,141	6,766	6,298
62	81	61 259	1 428,161	9 180,071	6,428	5,960
63	82	57 945	1 271,426	7 751,910	6,097	5,629
64	83	54 369	1 122,784	6 480,484	5,772	5,303
65	84	50 554	982,602	5 357,700	5,453	4,984
66	85	46 531	851,206	4 375,099	5,140	4,672
67	86	42 275	727,858	3 523,892	4,841	4,373
68	87	37 895	614,068	2 796,034	4,553	4,085
69	88	33 454	510,206	2 181,966	4,277	3,808
70	89	29 008	416,380	1 671,760	4,015	3,547
71	90	24 688	333,522	1 255,380	3,764	3,296
72	91	20 528	261,016	921,858	3,532	3,063
73	92	16 640	199,127	660,841	3,319	2,850
74	93	13 131	147,896	461,715	3,122	2,654
75	94	10 064	106,685	313,819	2,942	2,473
76	95	7 487	74,700	207,134	2,773	2,305
77	96	5 387	50,581	132,434	2,618	2,150
78	97	3 691	32,623	81,853	2,509	2,041
79	98	2 470	20,544	49,230	2,396	1,928
80	99	1 611	12,611	28,685	2,275	1,806
81	100	1 008	7,426	16,074	2,165	1,696

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 490	99 489,956	1 627 716,643	16,361	15,892
1	21	99 117	93 286,794	1 528 226,687	16,382	15,914
2	22	99 073	87 760,593	1 434 939,893	16,351	15,882
3	23	99 042	82 571,865	1 347 179,300	16,315	15,847
4	24	99 013	77 692,246	1 264 607,436	16,277	15,809
5	25	98 985	73 101,168	1 186 915,190	16,237	15,768
6	26	98 956	68 781,101	1 113 814,022	16,194	15,725
7	27	98 929	64 717,087	1 045 032,921	16,148	15,679
8	28	98 899	60 891,847	980 315,834	16,099	15,631
9	29	98 867	57 291,569	919 423,987	16,048	15,580
10	30	98 833	53 903,211	862 132,417	15,994	15,526
11	31	98 794	50 712,326	808 229,207	15,938	15,469
12	32	98 756	47 710,568	757 516,881	15,877	15,409
13	33	98 715	44 885,589	709 806,312	15,814	15,345
14	34	98 670	42 225,988	664 920,723	15,747	15,278
15	35	98 617	39 720,582	622 694,735	15,677	15,209
16	36	98 560	37 362,696	582 974,152	15,603	15,135
17	37	98 491	35 140,069	545 611,456	15,527	15,058
18	38	98 417	33 048,225	510 471,387	15,446	14,978
19	39	98 320	31 073,537	477 423,161	15,364	14,896
20	40	98 222	29 216,478	446 349,624	15,277	14,809
21	41	98 112	27 467,140	417 133,146	15,187	14,718
22	42	97 999	25 821,821	389 666,006	15,091	14,622
23	43	97 877	24 272,583	363 844,186	14,990	14,522
24	44	97 748	22 814,692	339 571,603	14,884	14,416
25	45	97 607	21 441,624	316 756,911	14,773	14,305
26	46	97 452	20 148,272	295 315,288	14,657	14,189
27	47	97 289	18 931,301	275 167,016	14,535	14,067
28	48	97 110	17 785,062	256 235,715	14,407	13,939
29	49	96 909	16 704,096	238 450,653	14,275	13,807
30	50	96 689	15 685,833	221 746,557	14,137	13,668
31	51	96 455	14 727,505	206 060,724	13,992	13,523
32	52	96 189	13 822,963	191 333,219	13,842	13,373
33	53	95 904	12 971,267	177 510,256	13,685	13,217
34	54	95 588	12 167,995	164 538,989	13,522	13,054
35	55	95 238	11 410,361	152 370,994	13,354	12,885
36	56	94 853	10 695,722	140 960,634	13,179	12,711
37	57	94 433	10 021,933	130 264,911	12,998	12,530
38	58	93 970	9 386,188	120 242,978	12,811	12,342
39	59	93 461	8 786,245	110 856,790	12,617	12,149
40	60	92 918	8 221,320	102 070,545	12,415	11,947
41	61	92 313	7 687,362	93 849,225	12,208	11,740
42	62	91 666	7 184,431	86 161,862	11,993	11,525
43	63	90 972	6 710,655	78 977,431	11,769	11,301
44	64	90 219	6 263,626	72 266,776	11,538	11,069
45	65	89 384	5 840,604	66 003,150	11,301	10,832
46	66	88 498	5 442,544	60 162,546	11,054	10,586
47	67	87 531	5 066,447	54 720,002	10,800	10,332
48	68	86 496	4 712,021	49 653,555	10,538	10,069
49	69	85 364	4 376,776	44 941,533	10,268	9,800
50	70	84 126	4 059,624	40 564,757	9,992	9,524
51	71	82 790	3 760,143	36 505,133	9,708	9,240
52	72	81 354	3 477,547	32 744,990	9,416	8,948
53	73	79 817	3 211,149	29 267,443	9,114	8,646
54	74	78 138	2 958,680	26 056,294	8,807	8,338
55	75	76 336	2 720,414	23 097,614	8,490	8,022
56	76	74 425	2 496,302	20 377,200	8,163	7,695
57	77	72 340	2 283,650	17 880,898	7,830	7,362
58	78	70 101	2 082,787	15 597,248	7,489	7,020
59	79	67 621	1 890,914	13 514,462	7,147	6,679
60	80	64 911	1 708,370	11 623,548	6,804	6,336
61	81	61 929	1 534,021	9 915,177	6,464	5,995
62	82	58 645	1 367,216	8 381,156	6,130	5,662
63	83	55 083	1 208,644	7 013,940	5,803	5,335
64	84	51 285	1 059,109	5 805,296	5,481	5,013
65	85	47 260	918,572	4 746,187	5,167	4,699
66	86	42 989	786,409	3 827,615	4,867	4,399
67	87	38 590	664,404	3 041,206	4,577	4,109
68	88	34 108	552,694	2 376,802	4,300	3,832
69	89	29 633	451,939	1 824,108	4,036	3,568
70	90	25 251	362,451	1 372,169	3,786	3,317
71	91	21 047	284,336	1 009,717	3,551	3,083
72	92	17 087	217,261	725,381	3,339	2,870
73	93	13 520	161,790	508,120	3,141	2,672
74	94	10 387	116,989	346,330	2,960	2,492
75	95	7 748	82,130	229,341	2,792	2,324
76	96	5 595	55,817	147,211	2,637	2,169
77	97	3 848	36,133	91,393	2,529	2,061
78	98	2 588	22,868	55,261	2,416	1,948
79	99	1 697	14,112	32,393	2,295	1,827
80	100	1 068	8,362	18,281	2,186	1,718

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 472	99 471,563	1 624 871,848	16,335	15,867
1	22	99 101	93 271,411	1 525 400,285	16,354	15,886
2	23	99 057	87 746,304	1 432 128,874	16,321	15,853
3	24	99 024	82 557,005	1 344 382,570	16,284	15,816
4	25	98 995	77 678,266	1 261 825,565	16,244	15,776
5	26	98 966	73 087,262	1 184 147,299	16,202	15,733
6	27	98 938	68 768,157	1 111 060,037	16,157	15,688
7	28	98 907	64 703,161	1 042 291,881	16,109	15,640
8	29	98 875	60 877,499	977 588,720	16,058	15,590
9	30	98 841	57 276,744	916 711,221	16,005	15,537
10	31	98 802	53 886,116	859 434,477	15,949	15,481
11	32	98 763	50 696,403	805 548,361	15,890	15,421
12	33	98 722	47 694,221	754 851,958	15,827	15,359
13	34	98 679	44 869,415	707 157,737	15,760	15,292
14	35	98 630	42 208,845	662 288,321	15,691	15,222
15	36	98 576	39 704,212	620 079,477	15,617	15,149
16	37	98 515	37 345,566	580 375,264	15,541	15,072
17	38	98 444	35 123,390	543 029,699	15,461	14,992
18	39	98 357	33 028,289	507 906,309	15,378	14,910
19	40	98 261	31 054,857	474 878,020	15,292	14,823
20	41	98 154	29 196,444	443 823,163	15,201	14,733
21	42	98 039	27 446,807	414 626,718	15,107	14,638
22	43	97 922	25 801,324	387 179,911	15,006	14,538
23	44	97 788	24 250,542	361 378,587	14,902	14,434
24	45	97 653	22 792,548	337 128,045	14,791	14,323
25	46	97 495	21 416,918	314 335,497	14,677	14,209
26	47	97 333	20 123,741	292 918,579	14,556	14,088
27	48	97 155	18 905,359	272 794,838	14,429	13,961
28	49	96 956	17 756,712	253 889,479	14,298	13,830
29	50	96 739	16 674,896	236 132,767	14,161	13,693
30	51	96 510	15 656,764	219 457,871	14,017	13,548
31	52	96 249	14 695,949	203 801,107	13,868	13,399
32	53	95 965	13 790,714	189 105,158	13,712	13,244
33	54	95 658	12 937,961	175 314,444	13,550	13,082
34	55	95 312	12 132,845	162 376,483	13,383	12,915
35	56	94 929	11 373,329	150 243,638	13,210	12,742
36	57	94 514	10 657,464	138 870,309	13,030	12,562
37	58	94 062	9 982,606	128 212,845	12,844	12,375
38	59	93 561	9 345,364	118 230,239	12,651	12,183
39	60	93 021	8 744,894	108 884,876	12,451	11,983
40	61	92 428	8 177,945	100 139,981	12,245	11,777
41	62	91 788	7 643,653	91 962,037	12,031	11,563
42	63	91 104	7 140,358	84 318,384	11,809	11,340
43	64	90 358	6 665,366	77 178,025	11,579	11,111
44	65	89 545	6 216,820	70 512,660	11,342	10,874
45	66	88 672	5 794,052	64 295,840	11,097	10,629
46	67	87 723	5 394,856	58 501,788	10,844	10,376
47	68	86 701	5 018,406	53 106,931	10,582	10,114
48	69	85 591	4 662,707	48 088,526	10,313	9,845
49	70	84 377	4 326,205	43 425,819	10,038	9,570
50	71	83 067	4 008,477	39 099,614	9,754	9,286
51	72	81 656	3 708,623	35 091,137	9,462	8,994
52	73	80 149	3 426,032	31 382,514	9,160	8,692
53	74	78 506	3 158,434	27 956,482	8,851	8,383
54	75	76 743	2 905,888	24 798,048	8,534	8,065
55	76	74 867	2 668,096	21 892,160	8,205	7,737
56	77	72 820	2 442,467	19 224,064	7,871	7,402
57	78	70 619	2 229,307	16 781,597	7,528	7,059
58	79	68 177	2 025,618	14 552,290	7,184	6,716
59	80	65 496	1 831,512	12 526,672	6,840	6,371
60	81	62 544	1 646,081	10 695,160	6,497	6,029
61	82	59 287	1 468,559	9 049,079	6,162	5,694
62	83	55 749	1 299,704	7 580,520	5,832	5,364
63	84	51 960	1 140,100	6 280,816	5,509	5,041
64	85	47 943	990,094	5 140,716	5,192	4,724
65	86	43 662	848,646	4 150,622	4,891	4,423
66	87	39 241	717,850	3 301,976	4,600	4,131
67	88	34 733	598,000	2 584,126	4,321	3,853
68	89	30 213	489,576	1 986,126	4,057	3,588
69	90	25 795	393,405	1 496,551	3,804	3,336
70	91	21 527	308,998	1 103,146	3,570	3,102
71	92	17 519	236,671	794,147	3,355	2,887
72	93	13 883	176,524	557,476	3,158	2,690
73	94	10 694	127,980	380,952	2,977	2,508
74	95	7 996	90,063	252,972	2,809	2,340
75	96	5 789	61,369	162,909	2,655	2,186
76	97	3 996	39,873	101,540	2,547	2,078
77	98	2 697	25,328	61,667	2,435	1,966
78	99	1 777	15,708	36,338	2,313	1,845
79	100	1 125	9,356	20,631	2,205	1,737

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 455	99 455,160	1 621 846,540	16,307	15,839
1	23	99 085	93 256,226	1 522 391,380	16,325	15,856
2	24	99 040	87 730,513	1 429 135,155	16,290	15,822
3	25	99 006	82 542,150	1 341 404,642	16,251	15,783
4	26	98 977	77 663,490	1 258 862,492	16,209	15,741
5	27	98 947	73 073,507	1 181 199,002	16,165	15,696
6	28	98 916	68 753,359	1 108 125,495	16,117	15,649
7	29	98 884	64 687,914	1 039 372,136	16,067	15,599
8	30	98 850	60 861,745	974 684,222	16,015	15,546
9	31	98 810	57 258,580	913 822,477	15,960	15,491
10	32	98 771	53 869,196	856 563,897	15,901	15,432
11	33	98 729	50 679,033	802 694,700	15,839	15,370
12	34	98 686	47 677,036	752 015,668	15,773	15,305
13	35	98 639	44 851,198	704 338,632	15,704	15,236
14	36	98 589	42 191,449	659 487,434	15,631	15,162
15	37	98 531	39 686,008	617 295,985	15,554	15,086
16	38	98 468	37 327,839	577 609,977	15,474	15,006
17	39	98 384	35 102,201	540 282,138	15,392	14,923
18	40	98 298	33 008,434	505 179,936	15,305	14,836
19	41	98 193	31 033,563	472 171,502	15,215	14,747
20	42	98 082	29 174,831	441 137,939	15,120	14,652
21	43	97 961	27 425,021	411 963,107	15,021	14,553
22	44	97 833	25 777,895	384 538,086	14,917	14,449
23	45	97 693	24 227,005	358 760,191	14,808	14,340
24	46	97 541	22 766,286	334 533,187	14,694	14,226
25	47	97 376	21 390,842	311 766,901	14,575	14,106
26	48	97 200	20 096,166	290 376,058	14,449	13,981
27	49	97 000	18 875,223	270 279,893	14,319	13,851
28	50	96 786	17 725,671	251 404,670	14,183	13,715
29	51	96 560	16 643,994	233 678,998	14,040	13,571
30	52	96 303	15 623,216	217 035,004	13,892	13,423
31	53	96 024	14 661,664	201 411,788	13,737	13,269
32	54	95 719	13 755,304	186 750,124	13,577	13,108
33	55	95 382	12 900,587	172 994,820	13,410	12,941
34	56	95 002	12 093,468	160 094,233	13,238	12,770
35	57	94 590	11 332,647	148 000,764	13,060	12,591
36	58	94 143	10 615,643	136 668,117	12,874	12,406
37	59	93 653	9 939,188	126 052,475	12,682	12,214
38	60	93 121	9 301,381	116 113,287	12,483	12,015
39	61	92 531	8 698,756	106 811,906	12,279	11,811
40	62	91 902	8 131,446	98 113,150	12,066	11,598
41	63	91 225	7 596,763	89 981,704	11,845	11,376
42	64	90 489	7 092,169	82 384,940	11,616	11,148
43	65	89 683	6 615,557	75 292,771	11,381	10,913
44	66	88 831	6 167,269	68 677,214	11,136	10,667
45	67	87 895	5 743,284	62 509,945	10,884	10,416
46	68	86 891	5 343,701	56 766,661	10,623	10,155
47	69	85 794	4 965,885	51 422,960	10,355	9,887
48	70	84 602	4 608,831	46 457,075	10,080	9,612
49	71	83 314	4 271,700	41 848,244	9,797	9,328
50	72	81 928	3 953,554	37 576,544	9,504	9,036
51	73	80 446	3 653,685	33 622,990	9,202	8,734
52	74	78 833	3 369,790	29 969,305	8,894	8,425
53	75	77 106	3 102,078	26 599,516	8,575	8,106
54	76	75 268	2 850,004	23 497,438	8,245	7,776
55	77	73 253	2 610,556	20 647,434	7,909	7,441
56	78	71 087	2 384,345	18 036,878	7,565	7,096
57	79	68 680	2 168,117	15 652,533	7,219	6,751
58	80	66 035	1 961,984	13 484,417	6,873	6,404
59	81	63 108	1 764,732	11 522,432	6,529	6,061
60	82	59 875	1 575,836	9 757,700	6,192	5,724
61	83	56 359	1 396,043	8 181,864	5,861	5,392
62	84	52 588	1 225,996	6 785,821	5,535	5,067
63	85	48 574	1 065,807	5 559,825	5,217	4,748
64	86	44 294	914,724	4 494,017	4,913	4,445
65	87	39 856	774,661	3 579,293	4,620	4,152
66	88	35 319	646,104	2 804,632	4,341	3,872
67	89	30 766	529,707	2 158,528	4,075	3,607
68	90	26 299	426,167	1 628,822	3,822	3,354
69	91	21 991	335,387	1 202,655	3,586	3,118
70	92	17 918	257,200	867,268	3,372	2,904
71	93	14 234	192,295	610,068	3,173	2,704
72	94	10 982	139,635	417,773	2,992	2,524
73	95	8 233	98,524	278,138	2,823	2,355
74	96	5 975	67,297	179,614	2,669	2,201
75	97	4 136	43,839	112,317	2,562	2,094
76	98	2 801	27,950	68,478	2,450	1,982
77	99	1 853	17,397	40,528	2,330	1,861
78	100	1 178	10,415	23,131	2,221	1,753

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 439	99 438,968	1 618 627,555	16,278	15,809
1	24	99 067	93 239,443	1 519 188,588	16,293	15,825
2	25	99 022	87 714,727	1 425 949,145	16,257	15,788
3	26	98 987	82 526,448	1 338 234,417	16,216	15,747
4	27	98 958	77 648,874	1 255 707,969	16,172	15,703
5	28	98 926	73 057,783	1 178 059,096	16,125	15,657
6	29	98 893	68 737,158	1 105 001,313	16,076	15,607
7	30	98 858	64 671,175	1 036 264,155	16,024	15,555
8	31	98 818	60 842,444	971 592,980	15,969	15,501
9	32	98 779	57 240,601	910 750,536	15,911	15,443
10	33	98 737	53 850,739	853 509,935	15,850	15,381
11	34	98 694	50 660,771	799 659,196	15,785	15,316
12	35	98 646	47 657,679	748 998,425	15,716	15,248
13	36	98 599	44 832,714	701 340,746	15,644	15,175
14	37	98 544	42 172,105	656 508,032	15,567	15,099
15	38	98 484	39 667,170	614 335,927	15,487	15,019
16	39	98 409	37 305,321	574 668,757	15,404	14,936
17	40	98 325	35 081,100	537 363,436	15,318	14,849
18	41	98 231	32 985,800	502 282,336	15,227	14,759
19	42	98 121	31 010,590	469 296,535	15,133	14,665
20	43	98 004	29 151,674	438 285,945	15,035	14,566
21	44	97 872	27 400,117	409 134,271	14,932	14,463
22	45	97 738	25 752,875	381 734,154	14,823	14,355
23	46	97 581	24 199,089	355 981,279	14,711	14,242
24	47	97 422	22 738,568	331 782,189	14,591	14,123
25	48	97 242	21 361,530	309 043,622	14,467	13,999
26	49	97 045	20 064,131	287 682,091	14,338	13,870
27	50	96 831	18 842,228	267 617,960	14,203	13,735
28	51	96 607	17 692,822	248 775,732	14,061	13,592
29	52	96 353	16 608,331	231 082,910	13,914	13,445
30	53	96 078	15 586,768	214 474,579	13,760	13,292
31	54	95 778	14 624,017	198 887,811	13,600	13,132
32	55	95 442	13 715,569	184 263,793	13,435	12,966
33	56	95 072	12 858,719	170 548,224	13,263	12,795
34	57	94 663	12 050,211	157 689,505	13,086	12,618
35	58	94 219	11 288,176	145 639,295	12,902	12,434
36	59	93 734	10 569,471	134 351,118	12,711	12,243
37	60	93 212	9 892,410	123 781,648	12,513	12,044
38	61	92 630	9 252,307	113 889,237	12,309	11,841
39	62	92 005	8 649,296	104 636,930	12,098	11,629
40	63	91 338	8 081,564	95 987,634	11,877	11,409
41	64	90 610	7 545,494	87 906,070	11,650	11,182
42	65	89 813	7 039,172	80 360,576	11,416	10,948
43	66	88 968	6 562,829	73 321,405	11,172	10,704
44	67	88 053	6 113,231	66 758,576	10,920	10,452
45	68	87 061	5 688,825	60 645,345	10,660	10,192
46	69	85 981	5 287,775	54 956,520	10,393	9,925
47	70	84 803	4 908,506	49 668,745	10,119	9,651
48	71	83 536	4 550,765	44 760,239	9,836	9,367
49	72	82 173	4 213,170	40 209,473	9,544	9,075
50	73	80 715	3 894,988	35 996,304	9,242	8,773
51	74	79 126	3 593,705	32 101,316	8,933	8,464
52	75	77 426	3 309,662	28 507,610	8,613	8,145
53	76	75 623	3 042,420	25 197,949	8,282	7,814
54	77	73 644	2 788,541	22 155,528	7,945	7,477
55	78	71 510	2 548,434	19 366,987	7,600	7,131
56	79	69 136	2 318,899	16 818,553	7,253	6,784
57	80	66 523	2 100,006	14 499,654	6,905	6,436
58	81	63 627	1 890,448	12 399,647	6,559	6,091
59	82	60 415	1 689,424	10 509,200	6,221	5,752
60	83	56 919	1 498,023	8 819,775	5,888	5,419
61	84	53 163	1 316,871	7 321,752	5,560	5,092
62	85	49 161	1 146,106	6 004,881	5,239	4,771
63	86	44 876	984,673	4 858,775	4,934	4,466
64	87	40 432	834,978	3 874,102	4,640	4,171
65	88	35 873	697,237	3 039,124	4,359	3,890
66	89	31 286	572,317	2 341,886	4,092	3,624
67	90	26 781	461,100	1 769,569	3,838	3,369
68	91	22 421	363,317	1 308,468	3,601	3,133
69	92	18 304	279,165	945,151	3,386	2,917
70	93	14 559	208,974	665,986	3,187	2,719
71	94	11 259	152,110	457,012	3,004	2,536
72	95	8 454	107,496	304,902	2,836	2,368
73	96	6 152	73,619	197,406	2,681	2,213
74	97	4 268	48,073	123,787	2,575	2,107
75	98	2 899	30,730	75,713	2,464	1,995
76	99	1 924	19,198	44,983	2,343	1,875
77	100	1 228	11,535	25,785	2,235	1,767

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 421	99 421,072	1 615 202,822	16,246	15,778
1	25	99 049	93 222,666	1 515 781,750	16,260	15,791
2	26	99 003	87 698,042	1 422 559,084	16,221	15,753
3	27	98 969	82 510,917	1 334 861,042	16,178	15,710
4	28	98 937	77 632,165	1 252 350,125	16,132	15,663
5	29	98 903	73 040,567	1 174 717,960	16,083	15,615
6	30	98 867	68 719,371	1 101 677,393	16,032	15,563
7	31	98 827	64 650,666	1 032 958,022	15,978	15,509
8	32	98 787	60 823,340	968 307,356	15,920	15,452
9	33	98 745	57 220,988	907 484,016	15,859	15,391
10	34	98 702	53 831,335	850 263,028	15,795	15,327
11	35	98 654	50 640,203	796 431,693	15,727	15,259
12	36	98 605	47 638,038	745 791,490	15,655	15,187
13	37	98 554	44 812,158	698 153,452	15,580	15,111
14	38	98 497	42 152,087	653 341,294	15,500	15,031
15	39	98 425	39 643,241	611 189,207	15,417	14,949
16	40	98 350	37 282,895	571 545,966	15,330	14,862
17	41	98 258	35 057,045	534 263,071	15,240	14,771
18	42	98 158	32 961,382	499 206,026	15,145	14,677
19	43	98 043	30 985,975	466 244,644	15,047	14,579
20	44	97 915	29 125,202	435 258,668	14,944	14,476
21	45	97 777	27 373,523	406 133,466	14,837	14,368
22	46	97 625	25 723,202	378 759,943	14,724	14,256
23	47	97 462	24 169,627	353 036,741	14,607	14,138
24	48	97 289	22 707,409	328 867,114	14,483	14,014
25	49	97 087	21 327,479	306 159,705	14,355	13,887
26	50	96 875	20 029,058	284 832,226	14,221	13,753
27	51	96 651	18 807,309	264 803,168	14,080	13,611
28	52	96 400	17 654,912	245 995,859	13,934	13,465
29	53	96 128	16 569,584	228 340,947	13,781	13,312
30	54	95 831	15 546,746	211 771,362	13,622	13,153
31	55	95 501	14 581,773	196 224,616	13,457	12,988
32	56	95 132	13 671,056	181 642,843	13,287	12,818
33	57	94 732	12 812,724	167 971,787	13,110	12,641
34	58	94 291	12 002,924	155 159,063	12,927	12,458
35	59	93 809	11 239,079	143 156,139	12,737	12,269
36	60	93 292	10 519,727	131 917,060	12,540	12,072
37	61	92 720	9 840,218	121 397,333	12,337	11,868
38	62	92 103	9 199,700	111 557,115	12,126	11,658
39	63	91 440	8 596,238	102 357,415	11,907	11,439
40	64	90 722	8 027,022	93 761,177	11,681	11,212
41	65	89 932	7 489,109	85 734,155	11,448	10,979
42	66	89 097	6 983,066	78 245,046	11,205	10,737
43	67	88 189	6 505,324	71 261,980	10,954	10,486
44	68	87 218	6 055,264	64 756,656	10,694	10,226
45	69	86 150	5 629,288	58 701,392	10,428	9,960
46	70	84 988	5 226,677	53 072,104	10,154	9,686
47	71	83 734	4 846,665	47 845,427	9,872	9,403
48	72	82 391	4 488,412	42 998,762	9,580	9,112
49	73	80 955	4 150,758	38 510,350	9,278	8,810
50	74	79 390	3 831,047	34 359,593	8,969	8,500
51	75	77 714	3 529,582	30 528,546	8,649	8,181
52	76	75 937	3 246,013	26 998,963	8,318	7,849
53	77	73 992	2 976,808	23 752,951	7,979	7,511
54	78	71 892	2 722,183	20 776,143	7,632	7,164
55	79	69 547	2 478,485	18 053,960	7,284	6,816
56	80	66 964	2 246,052	15 575,475	6,935	6,466
57	81	64 097	2 023,437	13 329,423	6,588	6,119
58	82	60 912	1 809,775	11 305,986	6,247	5,779
59	83	57 432	1 606,002	9 496,211	5,913	5,445
60	84	53 691	1 413,068	7 890,208	5,584	5,115
61	85	49 699	1 231,060	6 477,140	5,261	4,793
62	86	45 418	1 058,859	5 246,081	4,954	4,486
63	87	40 964	898,829	4 187,221	4,659	4,190
64	88	36 391	751,526	3 288,392	4,376	3,907
65	89	31 776	617,611	2 536,866	4,108	3,639
66	90	27 234	498,192	1 919,255	3,852	3,384
67	91	22 832	393,099	1 421,063	3,615	3,147
68	92	18 662	302,413	1 027,964	3,399	2,931
69	93	14 872	226,821	725,551	3,199	2,730
70	94	11 516	165,304	498,730	3,017	2,549
71	95	8 668	117,100	333,426	2,847	2,379
72	96	6 317	80,324	216,326	2,693	2,225
73	97	4 395	52,590	136,003	2,586	2,118
74	98	2 992	33,698	83,413	2,475	2,007
75	99	1 991	21,108	49,714	2,355	1,887
76	100	1 276	12,729	28,606	2,247	1,779

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 403	99 403,183	1 611 561,587	16,212	15,744
1	26	99 030	93 204,932	1 512 158,404	16,224	15,756
2	27	98 984	87 681,537	1 418 953,472	16,183	15,715
3	28	98 947	82 493,162	1 331 271,935	16,138	15,670
4	29	98 913	77 613,871	1 248 778,773	16,090	15,621
5	30	98 877	73 021,667	1 171 164,901	16,039	15,570
6	31	98 836	68 697,578	1 098 143,235	15,985	15,517
7	32	98 796	64 630,366	1 029 445,657	15,928	15,460
8	33	98 754	60 802,500	964 815,291	15,868	15,400
9	34	98 710	57 200,370	904 012,791	15,804	15,336
10	35	98 662	53 809,480	846 812,421	15,737	15,269
11	36	98 613	50 619,333	793 002,942	15,666	15,198
12	37	98 560	47 616,196	742 383,609	15,591	15,123
13	38	98 507	44 790,887	694 767,413	15,511	15,043
14	39	98 438	42 126,659	649 976,526	15,429	14,961
15	40	98 365	39 619,410	607 849,867	15,342	14,874
16	41	98 282	37 257,330	568 230,457	15,252	14,783
17	42	98 185	35 031,094	530 973,127	15,157	14,689
18	43	98 080	32 935,219	495 942,033	15,058	14,590
19	44	97 954	30 957,838	463 006,814	14,956	14,488
20	45	97 820	29 096,934	432 048,976	14,849	14,380
21	46	97 665	27 341,983	402 952,042	14,737	14,269
22	47	97 506	25 691,884	375 610,060	14,620	14,151
23	48	97 328	24 136,507	349 918,176	14,497	14,029
24	49	97 134	22 671,212	325 781,669	14,370	13,901
25	50	96 918	21 290,197	303 110,457	14,237	13,769
26	51	96 696	19 991,940	281 820,260	14,097	13,628
27	52	96 444	18 767,011	261 828,320	13,952	13,483
28	53	96 175	17 613,724	243 061,309	13,800	13,331
29	54	95 881	16 527,039	225 447,585	13,641	13,173
30	55	95 555	15 501,836	208 920,546	13,477	13,009
31	56	95 191	14 534,449	193 418,710	13,308	12,839
32	57	94 792	13 622,155	178 884,261	13,132	12,664
33	58	94 360	12 762,445	165 262,106	12,949	12,481
34	59	93 881	11 950,718	152 499,661	12,761	12,292
35	60	93 367	11 186,184	140 548,942	12,565	12,096
36	61	92 800	10 464,225	129 362,758	12,362	11,894
37	62	92 193	9 784,268	118 898,533	12,152	11,684
38	63	91 538	9 143,265	109 114,265	11,934	11,465
39	64	90 823	8 538,223	99 971,000	11,709	11,240
40	65	90 044	7 967,039	91 432,778	11,476	11,008
41	66	89 216	7 429,417	83 465,738	11,234	10,766
42	67	88 316	6 921,880	76 036,321	10,985	10,517
43	68	87 353	6 443,639	69 114,441	10,726	10,258
44	69	86 305	5 991,891	62 670,802	10,459	9,991
45	70	85 155	5 564,243	56 678,911	10,186	9,718
46	71	83 917	5 160,828	51 114,667	9,904	9,436
47	72	82 587	4 780,257	45 953,840	9,613	9,145
48	73	81 171	4 421,922	41 173,583	9,311	8,843
49	74	79 626	4 082,618	36 751,661	9,002	8,534
50	75	77 973	3 762,689	32 669,042	8,682	8,214
51	76	76 219	3 461,703	28 906,353	8,350	7,882
52	77	74 300	3 176,009	25 444,650	8,012	7,543
53	78	72 231	2 905,970	22 268,641	7,663	7,195
54	79	69 919	2 647,465	19 362,671	7,314	6,845
55	80	67 362	2 400,625	16 715,206	6,963	6,495
56	81	64 522	2 164,158	14 314,581	6,614	6,146
57	82	61 362	1 937,089	12 150,423	6,273	5,804
58	83	57 904	1 720,410	10 213,334	5,937	5,468
59	84	54 175	1 514,924	8 492,924	5,606	5,138
60	85	50 192	1 320,988	6 978,000	5,282	4,814
61	86	45 915	1 137,346	5 657,012	4,974	4,506
62	87	41 459	966,548	4 519,667	4,676	4,208
63	88	36 870	808,995	3 553,119	4,392	3,924
64	89	32 235	665,700	2 744,123	4,122	3,654
65	90	27 660	537,620	2 078,423	3,866	3,398
66	91	23 217	424,721	1 540,803	3,628	3,159
67	92	19 004	327,202	1 116,083	3,411	2,943
68	93	15 163	245,710	788,881	3,211	2,742
69	94	11 764	179,421	543,171	3,027	2,559
70	95	8 866	127,257	363,750	2,858	2,390
71	96	6 477	87,500	236,493	2,703	2,234
72	97	4 513	57,379	148,993	2,597	2,128
73	98	3 080	36,864	91,614	2,485	2,017
74	99	2 055	23,147	54,750	2,365	1,897
75	100	1 320	13,995	31,603	2,258	1,790

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1	0	99 644	93 782,375	1 559 413,157	16,628	16,160
2	1	99 317	87 976,171	1 465 630,782	16,659	16,191
3	2	99 277	82 767,650	1 377 654,611	16,645	16,176
4	3	99 254	77 880,802	1 294 886,961	16,627	16,158
5	4	99 233	73 284,211	1 217 006,159	16,607	16,138
6	5	99 213	68 959,847	1 143 721,947	16,585	16,117
7	6	99 195	64 891,704	1 074 762,100	16,562	16,094
8	7	99 178	61 063,882	1 009 870,396	16,538	16,070
9	8	99 165	57 464,305	948 806,513	16,511	16,043
10	9	99 150	54 075,956	891 342,209	16,483	16,015
11	10	99 136	50 887,871	837 266,253	16,453	15,985
12	11	99 123	47 887,959	786 378,382	16,421	15,953
13	12	99 108	45 064,433	738 490,423	16,387	15,919
14	13	99 091	42 406,187	693 425,990	16,352	15,884
15	14	99 068	39 902,531	651 019,804	16,315	15,847
16	15	99 043	37 545,857	611 117,273	16,277	15,808
17	16	99 007	35 324,234	573 571,416	16,237	15,769
18	17	98 965	33 232,309	538 247,182	16,197	15,728
19	18	98 914	31 261,225	505 014,873	16,155	15,686
20	19	98 855	29 404,835	473 753,648	16,111	15,643
21	20	98 795	27 658,353	444 348,813	16,066	15,597
22	21	98 736	26 016,030	416 690,460	16,017	15,548
23	22	98 675	24 470,532	390 674,430	15,965	15,497
24	23	98 619	23 017,908	366 203,898	15,910	15,441
25	24	98 554	21 649,730	343 185,990	15,852	15,383
26	25	98 493	20 363,628	321 536,260	15,790	15,321
27	26	98 430	19 153,329	301 172,632	15,724	15,256
28	27	98 366	18 014,946	282 019,303	15,655	15,186
29	28	98 297	16 943,376	264 004,357	15,582	15,113
30	29	98 222	15 934,633	247 060,980	15,505	15,036
31	30	98 142	14 985,003	231 126,348	15,424	14,955
32	31	98 050	14 090,377	216 141,345	15,340	14,871
33	32	97 957	13 248,962	202 050,968	15,250	14,782
34	33	97 852	12 456,218	188 802,007	15,157	14,689
35	34	97 742	11 710,256	176 345,789	15,059	14,591
36	35	97 623	11 008,105	164 635,533	14,956	14,487
37	36	97 499	10 347,398	153 627,428	14,847	14,379
38	37	97 359	9 724,725	143 280,030	14,734	14,265
39	38	97 209	9 138,570	133 555,305	14,614	14,146
40	39	97 042	8 586,243	124 416,735	14,490	14,022
41	40	96 864	8 066,316	115 830,492	14,360	13,891
42	41	96 668	7 576,502	107 764,176	14,223	13,755
43	42	96 458	7 115,280	100 187,674	14,081	13,612
44	43	96 233	6 681,116	93 072,394	13,931	13,462
45	44	95 972	6 271,103	86 391,278	13,776	13,308
46	45	95 691	5 884,937	80 120,175	13,614	13,146
47	46	95 373	5 520,326	74 235,238	13,448	12,979
48	47	95 031	5 176,988	68 714,912	13,273	12,805
49	48	94 649	4 852,861	63 537,925	13,093	12,625
50	49	94 217	4 546,569	58 685,064	12,908	12,439
51	50	93 740	4 257,443	54 138,495	12,716	12,248
52	51	93 220	3 984,773	49 881,051	12,518	12,050
53	52	92 635	3 726,843	45 896,278	12,315	11,847
54	53	91 985	3 482,996	42 169,435	12,107	11,639
55	54	91 261	3 252,314	38 686,439	11,895	11,427
56	55	90 459	3 034,113	35 434,125	11,679	11,210
57	56	89 572	2 827,618	32 400,013	11,458	10,990
58	57	88 597	2 632,324	29 572,395	11,234	10,766
59	58	87 529	2 447,632	26 940,071	11,007	10,538
60	59	86 370	2 273,135	24 492,439	10,775	10,306
61	60	85 118	2 108,418	22 219,304	10,538	10,070
62	61	83 753	1 952,563	20 110,885	10,300	9,831
63	62	82 282	1 805,438	18 158,322	10,058	9,589
64	63	80 716	1 666,894	16 352,884	9,810	9,342
65	64	79 029	1 536,045	14 685,990	9,561	9,093
66	65	77 229	1 412,759	13 149,945	9,308	8,840
67	66	75 341	1 297,153	11 737,186	9,048	8,580
68	67	73 337	1 188,374	10 440,033	8,785	8,317
69	68	71 248	1 086,615	9 251,659	8,514	8,046
70	69	69 015	990,641	8 165,043	8,242	7,774
71	70	66 696	901,041	7 174,402	7,962	7,494
72	71	64 233	816,722	6 273,361	7,681	7,213
73	72	61 694	738,296	5 456,639	7,391	6,922
74	73	59 033	664,895	4 718,342	7,096	6,628
75	74	56 259	596,377	4 053,448	6,797	6,328
76	75	53 397	532,746	3 457,070	6,489	6,021
77	76	50 424	473,485	2 924,325	6,176	5,708
78	77	47 328	418,278	2 450,840	5,859	5,391
79	78	44 101	366,831	2 032,562	5,541	5,073
80	79	40 726	318,831	1 665,731	5,225	4,756
81	80	37 221	274,250	1 346,900	4,911	4,443
82	81	33 550	232,657	1 072,651	4,610	4,142
83	82	29 784	194,396	839,994	4,321	3,853
84	83	26 007	159,758	645,598	4,041	3,573
85	84	22 275	128,785	485,840	3,772	3,304
86	85	18 644	101,450	357,054	3,520	3,051
87	86	15 197	77,830	255,604	3,284	2,816
88	87	12 040	58,033	177,774	3,063	2,595
89	88	9 225	41,850	119,741	2,861	2,393
90	89	6 822	29,129	77,891	2,674	2,206
91	90	4 860	19,532	48,762	2,497	2,028
92	91	3 319	12,552	29,231	2,329	1,860
93	92	2 140	7,617	16,679	2,190	1,721
94	93	1 315	4,407	9,062	2,056	1,588
95	94	760	2,395	4,655	1,943	1,475
96	95	415	1,232	2,260	1,834	1,366
97	96	210	0,587	1,028	1,751	1,282
98	97	100	0,262	0,441	1,683	1,215
99	98	45	0,110	0,179	1,620	1,152
100	99	19	0,044	0,068	1,556	1,088

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 616	88 241,367	1 466 505,292	16,619	16,151
3	1	99 301	82 788,176	1 378 263,925	16,648	16,180
4	2	99 266	77 890,478	1 295 475,748	16,632	16,164
5	3	99 243	73 291,770	1 217 585,270	16,613	16,144
6	4	99 223	68 966,446	1 144 293,500	16,592	16,124
7	5	99 204	64 897,486	1 075 327,054	16,570	16,101
8	6	99 187	61 069,285	1 010 429,569	16,546	16,077
9	7	99 170	57 466,974	949 360,284	16,520	16,052
10	8	99 157	54 079,724	891 893,310	16,492	16,024
11	9	99 142	50 890,984	837 813,585	16,463	15,995
12	10	99 129	47 890,760	786 922,601	16,432	15,963
13	11	99 116	45 067,917	739 031,841	16,398	15,930
14	12	99 099	42 409,517	693 963,923	16,363	15,895
15	13	99 078	39 906,290	651 554,406	16,327	15,859
16	14	99 052	37 549,319	611 648,116	16,289	15,821
17	15	99 019	35 328,532	574 098,797	16,250	15,782
18	16	98 980	33 237,203	538 770,265	16,210	15,742
19	17	98 927	31 265,483	505 533,062	16,169	15,701
20	18	98 874	29 410,629	474 267,579	16,126	15,657
21	19	98 812	27 663,188	444 856,950	16,081	15,613
22	20	98 755	26 020,841	417 193,762	16,033	15,565
23	21	98 692	24 474,568	391 172,921	15,983	15,514
24	22	98 635	23 021,657	366 698,353	15,928	15,460
25	23	98 572	21 653,626	343 676,697	15,872	15,403
26	24	98 511	20 367,293	322 023,070	15,811	15,342
27	25	98 448	19 156,973	301 655,777	15,747	15,278
28	26	98 384	18 018,337	282 498,804	15,678	15,210
29	27	98 318	16 947,023	264 480,467	15,606	15,138
30	28	98 245	15 938,388	247 533,444	15,531	15,062
31	29	98 167	14 988,882	231 595,056	15,451	14,983
32	30	98 081	14 094,846	216 606,174	15,368	14,899
33	31	97 988	13 253,123	202 511,327	15,280	14,812
34	32	97 886	12 460,487	189 258,204	15,189	14,720
35	33	97 777	11 714,477	176 797,717	15,092	14,624
36	34	97 663	11 012,576	165 083,240	14,990	14,522
37	35	97 540	10 351,664	154 070,664	14,884	14,415
38	36	97 404	9 729,185	143 719,000	14,772	14,304
39	37	97 255	9 142,910	133 989,814	14,655	14,187
40	38	97 101	8 591,426	124 846,904	14,532	14,063
41	39	96 922	8 071,168	116 255,478	14,404	13,935
42	40	96 735	7 581,701	108 184,311	14,269	13,801
43	41	96 529	7 120,551	100 602,610	14,128	13,660
44	42	96 309	6 686,423	93 482,059	13,981	13,513
45	43	96 060	6 276,803	86 795,636	13,828	13,360
46	44	95 784	5 890,654	80 518,833	13,669	13,201
47	45	95 483	5 526,694	74 628,179	13,503	13,035
48	46	95 147	5 183,298	69 101,484	13,332	12,863
49	47	94 779	4 859,520	63 918,186	13,153	12,685
50	48	94 368	4 553,828	59 058,666	12,969	12,501
51	49	93 904	4 264,899	54 504,838	12,780	12,312
52	50	93 393	3 992,172	50 239,940	12,585	12,116
53	51	92 834	3 734,846	46 247,768	12,383	11,914
54	52	92 200	3 491,140	42 512,922	12,177	11,709
55	53	91 496	3 260,686	39 021,782	11,967	11,499
56	54	90 721	3 042,903	35 761,096	11,752	11,284
57	55	89 863	2 836,824	32 718,193	11,533	11,065
58	56	88 915	2 641,774	29 881,368	11,311	10,843
59	57	87 874	2 457,274	27 239,594	11,085	10,617
60	58	86 747	2 283,065	24 782,320	10,855	10,386
61	59	85 521	2 118,388	22 499,255	10,621	10,153
62	60	84 197	1 962,920	20 380,867	10,383	9,915
63	61	82 753	1 815,762	18 417,947	10,143	9,675
64	62	81 214	1 677,183	16 602,185	9,899	9,430
65	63	79 566	1 546,482	14 925,002	9,651	9,183
66	64	77 810	1 423,395	13 378,520	9,399	8,931
67	65	75 946	1 307,575	11 955,125	9,143	8,675
68	66	73 985	1 198,879	10 647,550	8,881	8,413
69	67	71 930	1 097,018	9 448,671	8,613	8,145
70	68	69 745	1 001,119	8 351,653	8,342	7,874
71	69	67 476	911,574	7 350,534	8,064	7,595
72	70	65 053	827,143	6 438,961	7,785	7,316
73	71	62 551	748,553	5 611,817	7,497	7,029
74	72	59 921	674,892	4 863,264	7,206	6,738
75	73	57 198	606,331	4 188,372	6,908	6,439
76	74	54 367	542,424	3 582,041	6,604	6,135
77	75	51 412	482,769	3 039,617	6,296	5,828
78	76	48 372	427,497	2 556,848	5,981	5,513
79	77	45 176	375,773	2 129,351	5,667	5,198
80	78	41 876	327,829	1 753,577	5,349	4,881
81	79	38 428	283,145	1 425,749	5,035	4,567
82	80	34 819	241,461	1 142,604	4,732	4,264
83	81	31 112	203,062	901,143	4,438	3,969
84	82	27 358	168,056	698,081	4,154	3,685
85	83	23 615	136,528	530,025	3,882	3,414
86	84	19 944	108,522	393,497	3,626	3,158
87	85	16 450	84,243	284,975	3,383	2,914
88	86	13 190	63,575	200,732	3,157	2,689
89	87	10 249	46,497	137,157	2,950	2,481
90	88	7 702	32,885	90,660	2,757	2,289
91	89	5 584	22,438	57,775	2,575	2,107
92	90	3 893	14,723	35,337	2,400	1,932
93	91	2 571	9,151	20,614	2,253	1,784
94	92	1 619	5,424	11,463	2,113	1,645
95	93	960	3,028	6,039	1,995	1,526
96	94	539	1,600	3,011	1,882	1,414
97	95	281	0,786	1,411	1,796	1,328
98	96	139	0,367	0,626	1,707	1,239
99	97	64	0,158	0,259	1,645	1,177
100	98	27	0,064	0,102	1,587	1,118

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 601	83 037,733	1 379 072,214	16,608	16,139
4	1	99 291	77 909,795	1 296 034,481	16,635	16,167
5	2	99 255	73 300,876	1 218 124,686	16,618	16,150
6	3	99 233	68 973,560	1 144 823,810	16,598	16,130
7	4	99 214	64 903,696	1 075 850,251	16,576	16,108
8	5	99 196	61 074,725	1 010 946,555	16,553	16,084
9	6	99 178	57 472,058	949 871,830	16,528	16,059
10	7	99 162	54 082,237	892 399,771	16,501	16,032
11	8	99 149	50 894,531	838 317,535	16,472	16,003
12	9	99 135	47 893,690	787 423,004	16,441	15,973
13	10	99 122	45 070,554	739 529,314	16,408	15,940
14	11	99 106	42 412,796	694 458,760	16,374	15,905
15	12	99 085	39 909,424	652 045,963	16,338	15,870
16	13	99 062	37 552,857	612 136,539	16,301	15,832
17	14	99 028	35 331,790	574 583,682	16,263	15,794
18	15	98 992	33 241,248	539 251,892	16,222	15,754
19	16	98 942	31 270,087	506 010,644	16,182	15,714
20	17	98 888	29 414,635	474 740,558	16,140	15,671
21	18	98 832	27 668,639	445 325,923	16,095	15,627
22	19	98 772	26 025,390	417 657,284	16,048	15,580
23	20	98 710	24 479,093	391 631,894	15,999	15,530
24	21	98 651	23 025,453	367 152,801	15,946	15,477
25	22	98 588	21 657,152	344 127,347	15,890	15,421
26	23	98 529	20 370,959	322 470,195	15,830	15,362
27	24	98 466	19 160,421	302 099,236	15,767	15,298
28	25	98 403	18 021,766	282 938,815	15,700	15,231
29	26	98 336	16 950,213	264 917,049	15,629	15,161
30	27	98 267	15 941,819	247 966,837	15,554	15,086
31	28	98 190	14 992,415	232 025,018	15,476	15,008
32	29	98 107	14 098,495	217 032,603	15,394	14,926
33	30	98 019	13 257,327	202 934,108	15,307	14,839
34	31	97 916	12 464,401	189 676,781	15,217	14,749
35	32	97 810	11 718,492	177 212,380	15,122	14,654
36	33	97 698	11 016,545	165 493,888	15,022	14,554
37	34	97 579	10 355,869	154 477,342	14,917	14,449
38	35	97 444	9 733,197	144 121,474	14,807	14,339
39	36	97 300	9 147,104	134 388,277	14,692	14,224
40	37	97 147	8 595,506	125 241,173	14,571	14,102
41	38	96 981	8 076,039	116 645,667	14,443	13,975
42	39	96 793	7 586,261	108 569,628	14,311	13,843
43	40	96 595	7 125,437	100 983,367	14,172	13,704
44	41	96 380	6 691,377	93 857,929	14,027	13,558
45	42	96 136	6 281,789	87 166,553	13,876	13,408
46	43	95 871	5 896,008	80 884,764	13,719	13,250
47	44	95 576	5 532,063	74 988,755	13,555	13,087
48	45	95 257	5 189,278	69 456,692	13,385	12,916
49	46	94 894	4 865,444	64 267,414	13,209	12,741
50	47	94 497	4 560,076	59 401,971	13,027	12,558
51	48	94 054	4 271,708	54 841,894	12,838	12,370
52	49	93 556	3 999,163	50 570,186	12,645	12,177
53	50	93 006	3 741,780	46 571,024	12,446	11,978
54	51	92 398	3 498,637	42 829,244	12,242	11,773
55	52	91 710	3 268,311	39 330,607	12,034	11,566
56	53	90 955	3 050,736	36 062,296	11,821	11,352
57	54	90 124	2 845,043	33 011,559	11,603	11,135
58	55	89 204	2 650,375	30 166,517	11,382	10,914
59	56	88 190	2 466,095	27 516,141	11,158	10,689
60	57	87 089	2 292,060	25 050,046	10,929	10,461
61	58	85 894	2 127,642	22 757,986	10,696	10,228
62	59	84 595	1 972,202	20 630,344	10,461	9,992
63	60	83 192	1 825,393	18 658,142	10,221	9,753
64	61	81 679	1 686,774	16 832,749	9,979	9,511
65	62	80 057	1 556,027	15 145,976	9,734	9,265
66	63	78 339	1 433,067	13 589,948	9,483	9,015
67	64	76 518	1 317,420	12 156,882	9,228	8,759
68	65	74 579	1 208,511	10 839,462	8,969	8,501
69	66	72 566	1 106,715	9 630,951	8,702	8,234
70	67	70 412	1 010,702	8 524,236	8,434	7,966
71	68	68 189	921,215	7 513,533	8,156	7,688
72	69	65 813	836,812	6 592,318	7,878	7,410
73	70	63 349	758,104	5 755,506	7,592	7,124
74	71	60 753	684,268	4 997,402	7,303	6,835
75	72	58 058	615,448	4 313,134	7,008	6,540
76	73	55 275	551,477	3 697,686	6,705	6,237
77	74	52 346	491,540	3 146,209	6,401	5,932
78	75	49 320	435,880	2 654,669	6,090	5,622
79	76	46 172	384,056	2 218,789	5,777	5,309
80	77	42 896	335,820	1 834,733	5,463	4,995
81	78	39 513	291,136	1 498,913	5,149	4,680
82	79	35 949	249,292	1 207,778	4,845	4,376
83	80	32 289	210,746	958,485	4,548	4,080
84	81	28 578	175,548	747,740	4,259	3,791
85	82	24 841	143,620	572,192	3,984	3,516
86	83	21 143	115,046	428,572	3,725	3,257
87	84	17 596	90,116	313,526	3,479	3,011
88	85	14 276	68,814	223,410	3,247	2,778
89	86	11 228	50,938	154,597	3,035	2,567
90	87	8 557	36,536	103,659	2,837	2,369
91	88	6 304	25,331	67,123	2,650	2,182
92	89	4 472	16,914	41,792	2,471	2,003
93	90	3 015	10,734	24,878	2,318	1,849
94	91	1 945	6,516	14,144	2,171	1,702
95	92	1 182	3,726	7,628	2,047	1,579
96	93	682	2,023	3,901	1,929	1,460
97	94	365	1,021	1,879	1,841	1,372
98	95	187	0,491	0,858	1,749	1,281
99	96	89	0,220	0,368	1,667	1,198
100	97	39	0,091	0,147	1,610	1,141

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4	0	99 590	78 144,647	1 296 781,372	16,595	16,126
5	1	99 280	73 319,054	1 218 636,725	16,621	16,153
6	2	99 245	68 982,129	1 145 317,671	16,603	16,135
7	3	99 224	64 910,390	1 076 335,542	16,582	16,114
8	4	99 205	61 080,570	1 011 425,152	16,559	16,091
9	5	99 187	57 477,178	950 344,582	16,534	16,066
10	6	99 170	54 087,021	892 867,404	16,508	16,040
11	7	99 154	50 896,895	838 780,383	16,480	16,012
12	8	99 142	47 897,028	787 883,487	16,450	15,981
13	9	99 128	45 073,311	739 986,460	16,417	15,949
14	10	99 112	42 415,277	694 913,148	16,384	15,915
15	11	99 093	39 912,511	652 497,871	16,348	15,880
16	12	99 070	37 555,806	612 585,360	16,311	15,843
17	13	99 037	35 335,119	575 029,554	16,274	15,805
18	14	99 001	33 244,313	539 694,435	16,234	15,766
19	15	98 954	31 273,892	506 450,122	16,194	15,726
20	16	98 902	29 418,966	475 176,230	16,152	15,684
21	17	98 845	27 672,407	445 757,264	16,108	15,640
22	18	98 791	26 030,519	418 084,857	16,061	15,593
23	19	98 727	24 483,373	392 054,338	16,013	15,545
24	20	98 670	23 029,711	367 570,966	15,961	15,492
25	21	98 604	21 660,724	344 541,255	15,906	15,438
26	22	98 545	20 374,276	322 880,531	15,847	15,379
27	23	98 484	19 163,870	302 506,254	15,785	15,317
28	24	98 421	18 025,009	283 342,385	15,719	15,251
29	25	98 355	16 953,438	265 317,376	15,650	15,181
30	26	98 285	15 944,820	248 363,938	15,576	15,108
31	27	98 211	14 995,642	232 419,119	15,499	15,031
32	28	98 130	14 101,818	217 423,477	15,418	14,950
33	29	98 045	13 260,759	203 321,659	15,333	14,864
34	30	97 947	12 468,355	190 060,901	15,243	14,775
35	31	97 841	11 722,173	177 592,546	15,150	14,682
36	32	97 732	11 020,321	165 870,372	15,051	14,583
37	33	97 614	10 359,602	154 850,051	14,947	14,479
38	34	97 484	9 737,150	144 490,449	14,839	14,371
39	35	97 340	9 150,875	134 753,299	14,726	14,257
40	36	97 191	8 599,449	125 602,424	14,606	14,138
41	37	97 027	8 079,875	117 002,975	14,481	14,012
42	38	96 851	7 590,840	108 923,101	14,349	13,881
43	39	96 653	7 129,723	101 332,261	14,213	13,744
44	40	96 447	6 695,968	94 202,537	14,069	13,600
45	41	96 207	6 286,443	87 506,569	13,920	13,452
46	42	95 948	5 900,692	81 220,127	13,765	13,296
47	43	95 663	5 537,092	75 319,435	13,603	13,134
48	44	95 349	5 194,319	69 782,343	13,434	12,966
49	45	95 004	4 871,056	64 588,024	13,260	12,791
50	46	94 612	4 565,635	59 716,968	13,080	12,611
51	47	94 183	4 277,570	55 151,333	12,893	12,425
52	48	93 706	4 005,548	50 873,763	12,701	12,232
53	49	93 169	3 748,332	46 868,215	12,504	12,035
54	50	92 569	3 505,133	43 119,883	12,302	11,834
55	51	91 907	3 275,329	39 614,750	12,095	11,627
56	52	91 167	3 057,870	36 339,421	11,884	11,416
57	53	90 356	2 852,367	33 281,551	11,668	11,200
58	54	89 463	2 658,054	30 429,184	11,448	10,980
59	55	88 477	2 474,125	27 771,131	11,225	10,756
60	56	87 401	2 300,288	25 297,006	10,997	10,529
61	57	86 233	2 136,024	22 996,718	10,766	10,298
62	58	84 965	1 980,817	20 860,694	10,531	10,063
63	59	83 585	1 834,025	18 879,877	10,294	9,826
64	60	82 112	1 695,720	17 045,852	10,052	9,584
65	61	80 515	1 564,925	15 350,132	9,809	9,341
66	62	78 822	1 441,912	13 785,207	9,560	9,092
67	63	77 038	1 326,371	12 343,295	9,306	8,838
68	64	75 141	1 217,610	11 016,923	9,048	8,580
69	65	73 149	1 115,607	9 799,313	8,784	8,315
70	66	71 035	1 019,637	8 683,707	8,516	8,048
71	67	68 842	930,034	7 664,070	8,241	7,772
72	68	66 509	845,663	6 734,036	7,963	7,495
73	69	64 090	766,966	5 888,373	7,677	7,209
74	70	61 528	692,999	5 121,407	7,390	6,922
75	71	58 864	623,998	4 428,408	7,097	6,628
76	72	56 106	559,770	3 804,411	6,796	6,328
77	73	53 220	499,744	3 244,641	6,493	6,024
78	74	50 216	443,799	2 744,898	6,185	5,717
79	75	47 078	391,587	2 301,099	5,876	5,408
80	76	43 842	343,222	1 909,512	5,563	5,095
81	77	40 476	298,233	1 566,290	5,252	4,784
82	78	36 963	256,328	1 268,058	4,947	4,479
83	79	33 337	217,581	1 011,730	4,650	4,182
84	80	29 659	182,191	794,149	4,359	3,891
85	81	25 949	150,022	611,958	4,079	3,611
86	82	22 241	121,022	461,936	3,817	3,349
87	83	18 654	95,533	340,914	3,569	3,100
88	84	15 272	73,610	245,381	3,334	2,865
89	85	12 154	55,135	171,771	3,115	2,647
90	86	9 374	40,026	116,636	2,914	2,446
91	87	7 003	28,144	76,610	2,722	2,254
92	88	5 049	19,095	48,467	2,538	2,070
93	89	3 464	12,331	29,372	2,382	1,914
94	90	2 281	7,643	17,041	2,229	1,761
95	91	1 420	4,477	9,397	2,099	1,631
96	92	839	2,490	4,921	1,976	1,508
97	93	462	1,290	2,431	1,884	1,416
98	94	242	0,637	1,141	1,790	1,322
99	95	119	0,295	0,503	1,706	1,238
100	96	55	0,128	0,208	1,630	1,161

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5	0	99 579	73 540,067	1 219 326,746	16,580	16,112
6	1	99 270	68 999,237	1 145 786,679	16,606	16,137
7	2	99 236	64 918,454	1 076 787,442	16,587	16,118
8	3	99 215	61 086,869	1 011 868,987	16,564	16,096
9	4	99 197	57 482,679	950 782,118	16,540	16,072
10	5	99 179	54 091,840	893 299,439	16,514	16,046
11	6	99 163	50 901,398	839 207,600	16,487	16,019
12	7	99 146	47 899,253	788 306,202	16,458	15,989
13	8	99 135	45 076,452	740 406,949	16,426	15,957
14	9	99 118	42 417,872	695 330,496	16,392	15,924
15	10	99 099	39 914,845	652 912,624	16,358	15,889
16	11	99 077	37 558,711	612 997,779	16,321	15,853
17	12	99 045	35 337,894	575 439,068	16,284	15,816
18	13	99 010	33 247,445	540 101,174	16,245	15,777
19	14	98 963	31 276,776	506 853,729	16,205	15,737
20	15	98 914	29 422,546	475 576,953	16,164	15,695
21	16	98 860	27 676,482	446 154,407	16,120	15,652
22	17	98 805	26 034,064	418 477,925	16,074	15,606
23	18	98 747	24 488,197	392 443,861	16,026	15,557
24	19	98 687	23 033,737	367 955,664	15,975	15,506
25	20	98 623	21 664,730	344 921,927	15,921	15,453
26	21	98 561	20 377,636	323 257,197	15,863	15,395
27	22	98 500	19 166,990	302 879,561	15,802	15,334
28	23	98 438	18 028,253	283 712,571	15,737	15,269
29	24	98 373	16 956,489	265 684,318	15,669	15,200
30	25	98 304	15 947,853	248 727,829	15,596	15,128
31	26	98 230	14 998,464	232 779,975	15,520	15,052
32	27	98 151	14 104,853	217 781,511	15,440	14,972
33	28	98 068	13 263,884	203 676,659	15,356	14,887
34	29	97 973	12 471,582	190 412,774	15,268	14,799
35	30	97 872	11 725,892	177 941,192	15,175	14,707
36	31	97 763	11 023,783	166 215,300	15,078	14,610
37	32	97 648	10 363,153	155 191,517	14,975	14,507
38	33	97 519	9 740,660	144 828,365	14,868	14,400
39	34	97 380	9 154,592	135 087,705	14,756	14,288
40	35	97 232	8 602,994	125 933,113	14,638	14,170
41	36	97 071	8 083,581	117 330,119	14,515	14,046
42	37	96 897	7 594,445	109 246,538	14,385	13,917
43	38	96 712	7 134,027	101 652,093	14,249	13,781
44	39	96 505	6 699,996	94 518,066	14,107	13,639
45	40	96 273	6 290,756	87 818,070	13,960	13,492
46	41	96 019	5 905,063	81 527,314	13,806	13,338
47	42	95 739	5 541,490	75 622,251	13,647	13,178
48	43	95 436	5 199,040	70 080,761	13,480	13,011
49	44	95 096	4 875,789	64 881,721	13,307	12,839
50	45	94 722	4 570,902	60 005,932	13,128	12,659
51	46	94 298	4 282,784	55 435,030	12,944	12,475
52	47	93 834	4 011,044	51 152,246	12,753	12,284
53	48	93 318	3 754,317	47 141,202	12,557	12,088
54	49	92 731	3 511,271	43 386,885	12,356	11,888
55	50	92 077	3 281,410	39 875,615	12,152	11,684
56	51	91 363	3 064,436	36 594,204	11,942	11,473
57	52	90 567	2 859,037	33 529,768	11,728	11,259
58	53	89 693	2 664,896	30 670,731	11,509	11,041
59	54	88 733	2 481,293	28 005,835	11,287	10,818
60	55	87 686	2 307,777	25 524,542	11,060	10,592
61	56	86 542	2 143,692	23 216,765	10,830	10,362
62	57	85 299	1 988,621	21 073,073	10,597	10,128
63	58	83 950	1 842,036	19 084,452	10,361	9,892
64	59	82 500	1 703,739	17 242,416	10,120	9,652
65	60	80 942	1 573,226	15 538,677	9,877	9,409
66	61	79 273	1 450,157	13 965,451	9,630	9,162
67	62	77 513	1 334,558	12 515,294	9,378	8,910
68	63	75 651	1 225,884	11 180,736	9,121	8,652
69	64	73 700	1 124,006	9 954,852	8,857	8,388
70	65	71 606	1 027,829	8 830,846	8,592	8,123
71	66	69 451	938,255	7 803,018	8,317	7,848
72	67	67 146	853,758	6 864,763	8,041	7,572
73	68	64 768	775,078	6 011,004	7,755	7,287
74	69	62 247	701,100	5 235,927	7,468	7,000
75	70	59 616	631,960	4 534,827	7,176	6,707
76	71	56 885	567,546	3 902,867	6,877	6,408
77	72	54 020	507,258	3 335,321	6,575	6,107
78	73	51 054	451,206	2 828,063	6,268	5,799
79	74	47 933	398,701	2 376,858	5,962	5,493
80	75	44 702	349,952	1 978,157	5,653	5,184
81	76	41 368	304,806	1 628,205	5,342	4,873
82	77	37 864	262,576	1 323,399	5,040	4,572
83	78	34 278	223,722	1 060,823	4,742	4,273
84	79	30 621	188,100	837,101	4,450	3,982
85	80	26 931	155,699	649,001	4,168	3,700
86	81	23 232	126,417	493,302	3,902	3,434
87	82	19 623	100,496	366,886	3,651	3,182
88	83	16 190	78,036	266,390	3,414	2,945
89	84	13 001	58,978	188,354	3,194	2,725
90	85	10 147	43,324	129,376	2,986	2,518
91	86	7 672	30,831	86,053	2,791	2,323
92	87	5 609	21,215	55,221	2,603	2,135
93	88	3 911	13,921	34,006	2,443	1,974
94	89	2 621	8,781	20,085	2,287	1,819
95	90	1 665	5,251	11,304	2,153	1,684
96	91	1 008	2,991	6,053	2,024	1,555
97	92	568	1,588	3,062	1,928	1,460
98	93	306	0,806	1,474	1,830	1,362
99	94	155	0,383	0,669	1,744	1,276
100	95	73	0,171	0,285	1,666	1,198

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	69 207,228	1 146 424,080	16,565	16,097
7	1	99 261	64 934,554	1 077 216,852	16,589	16,121
8	2	99 228	61 094,459	1 012 282,297	16,569	16,101
9	3	99 207	57 488,607	951 187,838	16,546	16,077
10	4	99 189	54 097,016	893 699,231	16,520	16,052
11	5	99 171	50 905,933	839 602,215	16,493	16,025
12	6	99 155	47 903,490	788 696,282	16,464	15,996
13	7	99 139	45 078,546	740 792,792	16,433	15,965
14	8	99 125	42 420,828	695 714,245	16,400	15,932
15	9	99 105	39 917,287	653 293,417	16,366	15,898
16	10	99 083	37 560,908	613 376,130	16,330	15,862
17	11	99 053	35 340,627	575 815,222	16,293	15,825
18	12	99 018	33 250,056	540 474,595	16,255	15,786
19	13	98 972	31 279,723	507 224,539	16,216	15,747
20	14	98 923	29 425,259	475 944,816	16,175	15,706
21	15	98 872	27 679,850	446 519,557	16,132	15,663
22	16	98 819	26 037,897	418 839,707	16,086	15,617
23	17	98 760	24 491,532	392 801,810	16,038	15,570
24	18	98 706	23 038,276	368 310,277	15,987	15,519
25	19	98 640	21 668,517	345 272,001	15,934	15,466
26	20	98 579	20 381,404	323 603,484	15,877	15,409
27	21	98 516	19 170,151	303 222,080	15,817	15,349
28	22	98 454	18 031,189	284 051,929	15,753	15,285
29	23	98 391	16 959,541	266 020,740	15,686	15,217
30	24	98 322	15 950,723	249 061,199	15,614	15,146
31	25	98 249	15 001,318	233 110,475	15,539	15,071
32	26	98 169	14 107,508	218 109,158	15,461	14,992
33	27	98 089	13 266,739	204 001,650	15,377	14,909
34	28	97 996	12 474,522	190 734,911	15,290	14,822
35	29	97 897	11 728,927	178 260,389	15,198	14,730
36	30	97 794	11 027,280	166 531,462	15,102	14,633
37	31	97 679	10 366,408	155 504,182	15,001	14,532
38	32	97 552	9 743,999	145 137,775	14,895	14,427
39	33	97 415	9 157,892	135 393,776	14,784	14,316
40	34	97 271	8 606,488	126 235,884	14,668	14,199
41	35	97 111	8 086,914	117 629,396	14,546	14,077
42	36	96 942	7 597,929	109 542,482	14,417	13,949
43	37	96 758	7 137,415	101 944,553	14,283	13,815
44	38	96 563	6 704,040	94 807,139	14,142	13,673
45	39	96 331	6 294,540	88 103,099	13,997	13,528
46	40	96 085	5 909,115	81 808,559	13,844	13,376
47	41	95 809	5 545,595	75 899,444	13,686	13,218
48	42	95 512	5 203,170	70 353,848	13,521	13,053
49	43	95 183	4 880,220	65 150,678	13,350	12,882
50	44	94 814	4 575,343	60 270,458	13,173	12,705
51	45	94 407	4 287,724	55 695,115	12,989	12,521
52	46	93 949	4 015,933	51 407,391	12,801	12,333
53	47	93 446	3 759,468	47 391,457	12,606	12,138
54	48	92 879	3 516,877	43 631,989	12,406	11,938
55	49	92 238	3 287,156	40 115,112	12,204	11,735
56	50	91 533	3 070,126	36 827,956	11,996	11,527
57	51	90 761	2 865,176	33 757,830	11,782	11,314
58	52	89 903	2 671,128	30 892,654	11,565	11,097
59	53	88 961	2 487,680	28 221,526	11,345	10,876
60	54	87 940	2 314,463	25 733,845	11,119	10,650
61	55	86 824	2 150,672	23 419,382	10,889	10,421
62	56	85 606	1 995,759	21 268,710	10,657	10,189
63	57	84 281	1 849,293	19 272,951	10,422	9,953
64	58	82 861	1 711,181	17 423,658	10,182	9,714
65	59	81 324	1 580,665	15 712,476	9,940	9,472
66	60	79 693	1 457,849	14 131,812	9,694	9,225
67	61	77 957	1 342,189	12 673,963	9,443	8,974
68	62	76 118	1 233,450	11 331,773	9,187	8,719
69	63	74 200	1 131,643	10 098,323	8,924	8,455
70	64	72 145	1 035,567	8 966,680	8,659	8,190
71	65	70 009	945,793	7 931,113	8,386	7,917
72	66	67 739	861,305	6 985,319	8,110	7,642
73	67	65 388	782,498	6 124,014	7,826	7,358
74	68	62 906	708,515	5 341,517	7,539	7,071
75	69	60 312	639,347	4 633,002	7,246	6,778
76	70	57 611	574,788	3 993,655	6,948	6,480
77	71	54 771	514,305	3 418,867	6,648	6,179
78	72	51 822	457,990	2 904,562	6,342	5,874
79	73	48 733	405,355	2 446,572	6,036	5,567
80	74	45 514	356,310	2 041,217	5,729	5,260
81	75	42 179	310,783	1 684,907	5,421	4,953
82	76	38 699	268,364	1 374,124	5,120	4,652
83	77	35 113	229,175	1 105,761	4,825	4,357
84	78	31 485	193,408	876,585	4,532	4,064
85	79	27 804	160,749	683,177	4,250	3,782
86	80	24 111	131,200	522,428	3,982	3,514
87	81	20 498	104,975	391,228	3,727	3,258
88	82	17 031	82,089	286,252	3,487	3,019
89	83	13 782	62,524	204,163	3,265	2,797
90	84	10 854	46,344	141,639	3,056	2,588
91	85	8 305	33,372	95,296	2,856	2,387
92	86	6 145	23,241	61,924	2,664	2,196
93	87	4 345	15,467	38,683	2,501	2,033
94	88	2 959	9,913	23,216	2,342	1,874
95	89	1 913	6,033	13,303	2,205	1,737
96	90	1 182	3,509	7,270	2,072	1,604
97	91	683	1,908	3,762	1,972	1,504
98	92	377	0,991	1,854	1,870	1,402
99	93	196	0,485	0,863	1,781	1,312
100	94	95	0,222	0,378	1,701	1,233

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 560	65 130,293	1 077 805,610	16,548	16,080
8	1	99 252	61 109,610	1 012 675,317	16,571	16,103
9	2	99 219	57 495,750	951 565,706	16,550	16,082
10	3	99 199	54 102,595	894 069,956	16,525	16,057
11	4	99 181	50 910,804	839 967,361	16,499	16,030
12	5	99 164	47 907,758	789 056,556	16,470	16,002
13	6	99 148	45 082,534	741 148,798	16,440	15,971
14	7	99 130	42 422,799	696 066,264	16,408	15,939
15	8	99 112	39 920,069	653 643,465	16,374	15,905
16	9	99 089	37 563,205	613 723,396	16,338	15,870
17	10	99 058	35 342,694	576 160,190	16,302	15,834
18	11	99 025	33 252,628	540 817,497	16,264	15,796
19	12	98 980	31 282,179	507 564,869	16,225	15,757
20	13	98 933	29 428,032	476 282,690	16,185	15,716
21	14	98 881	27 682,402	446 854,658	16,142	15,674
22	15	98 832	26 041,066	419 172,255	16,097	15,628
23	16	98 775	24 495,139	393 131,190	16,049	15,581
24	17	98 720	23 041,413	368 636,051	15,999	15,530
25	18	98 659	21 672,787	345 594,637	15,946	15,478
26	19	98 597	20 384,968	323 921,850	15,890	15,422
27	20	98 534	19 173,696	303 536,883	15,831	15,363
28	21	98 471	18 034,163	284 363,187	15,768	15,300
29	22	98 407	16 962,303	266 329,024	15,701	15,233
30	23	98 339	15 953,594	249 366,721	15,631	15,162
31	24	98 266	15 004,018	233 413,127	15,557	15,088
32	25	98 188	14 110,192	218 409,109	15,479	15,010
33	26	98 107	13 269,236	204 298,917	15,396	14,928
34	27	98 017	12 477,207	191 029,681	15,310	14,842
35	28	97 920	11 731,691	178 552,474	15,220	14,751
36	29	97 819	11 030,134	166 820,783	15,124	14,656
37	30	97 709	10 369,696	155 790,649	15,024	14,555
38	31	97 583	9 747,059	145 420,953	14,919	14,451
39	32	97 448	9 161,031	135 673,894	14,810	14,342
40	33	97 306	8 609,591	126 512,863	14,694	14,226
41	34	97 151	8 090,198	117 903,272	14,574	14,105
42	35	96 982	7 601,061	109 813,074	14,447	13,979
43	36	96 802	7 140,689	102 212,013	14,314	13,846
44	37	96 609	6 707,224	95 071,324	14,174	13,706
45	38	96 389	6 298,340	88 364,100	14,030	13,561
46	39	96 142	5 912,669	82 065,761	13,880	13,411
47	40	95 875	5 549,401	76 153,091	13,723	13,254
48	41	95 583	5 207,025	70 603,691	13,559	13,091
49	42	95 258	4 884,097	65 396,666	13,390	12,921
50	43	94 900	4 579,501	60 512,569	13,214	12,745
51	44	94 498	4 291,890	55 933,068	13,032	12,564
52	45	94 057	4 020,566	51 641,178	12,844	12,376
53	46	93 560	3 764,051	47 620,612	12,651	12,183
54	47	93 007	3 521,702	43 856,560	12,453	11,985
55	48	92 386	3 292,405	40 334,858	12,251	11,783
56	49	91 693	3 075,502	37 042,453	12,044	11,576
57	50	90 930	2 870,496	33 966,951	11,833	11,365
58	51	90 096	2 676,864	31 096,456	11,617	11,148
59	52	89 169	2 493,498	28 419,592	11,397	10,929
60	53	88 166	2 320,421	25 926,094	11,173	10,705
61	54	87 075	2 156,903	23 605,673	10,944	10,476
62	55	85 884	2 002,258	21 448,770	10,712	10,244
63	56	84 583	1 855,932	19 446,513	10,478	10,010
64	57	83 187	1 717,923	17 590,581	10,239	9,771
65	58	81 680	1 587,570	15 872,658	9,998	9,530
66	59	80 070	1 464,743	14 285,089	9,753	9,284
67	60	78 370	1 349,308	12 820,346	9,501	9,033
68	61	76 554	1 240,504	11 471,038	9,247	8,779
69	62	74 658	1 138,628	10 230,534	8,985	8,517
70	63	72 635	1 042,604	9 091,906	8,720	8,252
71	64	70 536	952,914	8 049,302	8,447	7,979
72	65	68 284	868,225	7 096,388	8,173	7,705
73	66	65 966	789,415	6 228,163	7,890	7,421
74	67	63 508	715,298	5 438,749	7,603	7,135
75	68	60 950	646,109	4 723,451	7,311	6,842
76	69	58 285	581,507	4 077,342	7,012	6,543
77	70	55 470	520,867	3 495,835	6,712	6,243
78	71	52 542	464,353	2 974,968	6,407	5,938
79	72	49 466	411,450	2 510,616	6,102	5,634
80	73	46 273	362,257	2 099,166	5,795	5,326
81	74	42 946	316,429	1 736,909	5,489	5,021
82	75	39 458	273,626	1 420,480	5,191	4,723
83	76	35 887	234,227	1 146,854	4,896	4,428
84	77	32 253	198,123	912,627	4,606	4,138
85	78	28 589	165,286	714,505	4,323	3,854
86	79	24 893	135,456	549,219	4,055	3,586
87	80	21 273	108,948	413,763	3,798	3,329
88	81	17 790	85,748	304,815	3,555	3,086
89	82	14 498	65,772	219,067	3,331	2,862
90	83	11 507	49,130	153,295	3,120	2,652
91	84	8 883	35,698	104,166	2,918	2,450
92	85	6 651	25,156	68,468	2,722	2,253
93	86	4 760	16,944	43,312	2,556	2,088
94	87	3 287	11,014	26,367	2,394	1,926
95	88	2 160	6,811	15,354	2,254	1,786
96	89	1 358	4,031	8,543	2,120	1,651
97	90	801	2,238	4,513	2,017	1,548
98	91	453	1,191	2,275	1,910	1,442
99	92	241	0,596	1,084	1,818	1,349
100	93	121	0,281	0,488	1,735	1,267

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 552	61 293,819	1 013 219,141	16,531	16,062
9	1	99 244	57 510,009	951 925,321	16,552	16,084
10	2	99 211	54 109,317	894 415,312	16,530	16,061
11	3	99 191	50 916,055	840 305,995	16,504	16,035
12	4	99 173	47 912,343	789 389,940	16,476	16,007
13	5	99 157	45 086,551	741 477,597	16,446	15,977
14	6	99 139	42 426,552	696 391,046	16,414	15,946
15	7	99 116	39 921,924	653 964,494	16,381	15,913
16	8	99 096	37 565,823	614 042,571	16,346	15,877
17	9	99 065	35 344,856	576 476,748	16,310	15,842
18	10	99 031	33 254,573	541 131,891	16,272	15,804
19	11	98 988	31 284,598	507 877,319	16,234	15,766
20	12	98 940	29 430,343	476 592,720	16,194	15,726
21	13	98 890	27 685,011	447 162,377	16,152	15,683
22	14	98 841	26 043,467	419 477,367	16,107	15,638
23	15	98 787	24 498,120	393 433,899	16,060	15,591
24	16	98 734	23 044,807	368 935,780	16,009	15,541
25	17	98 673	21 675,738	345 890,973	15,958	15,489
26	18	98 616	20 388,984	324 215,235	15,901	15,433
27	19	98 551	19 177,048	303 826,250	15,843	15,375
28	20	98 489	18 037,498	284 649,202	15,781	15,313
29	21	98 423	16 965,100	266 611,705	15,715	15,247
30	22	98 355	15 956,192	249 646,605	15,646	15,177
31	23	98 284	15 006,718	233 690,412	15,572	15,104
32	24	98 206	14 112,731	218 683,694	15,495	15,027
33	25	98 126	13 271,761	204 570,963	15,414	14,946
34	26	98 035	12 479,555	191 299,202	15,329	14,861
35	27	97 942	11 734,216	178 819,647	15,239	14,771
36	28	97 842	11 032,734	167 085,430	15,145	14,676
37	29	97 735	10 372,380	156 052,697	15,045	14,577
38	30	97 614	9 750,151	145 680,316	14,941	14,473
39	31	97 479	9 163,908	135 930,165	14,833	14,365
40	32	97 339	8 612,542	126 766,257	14,719	14,250
41	33	97 186	8 093,115	118 153,715	14,599	14,131
42	34	97 021	7 604,148	110 060,601	14,474	14,005
43	35	96 842	7 143,633	102 456,452	14,342	13,874
44	36	96 653	6 710,300	95 312,819	14,204	13,736
45	37	96 435	6 301,331	88 602,519	14,061	13,593
46	38	96 200	5 916,238	82 301,188	13,911	13,443
47	39	95 933	5 552,739	76 384,950	13,756	13,288
48	40	95 648	5 210,598	70 832,212	13,594	13,126
49	41	95 329	4 887,715	65 621,614	13,426	12,957
50	42	94 975	4 583,139	60 733,899	13,252	12,783
51	43	94 584	4 295,791	56 150,760	13,071	12,603
52	44	94 149	4 024,472	51 854,969	12,885	12,417
53	45	93 668	3 768,393	47 830,497	12,693	12,224
54	46	93 120	3 525,995	44 062,103	12,496	12,028
55	47	92 512	3 296,922	40 536,108	12,295	11,827
56	48	91 839	3 080,412	37 239,186	12,089	11,621
57	49	91 089	2 875,522	34 158,773	11,879	11,411
58	50	90 263	2 681,834	31 283,251	11,665	11,197
59	51	89 361	2 498,852	28 601,417	11,446	10,977
60	52	88 373	2 325,847	26 102,565	11,223	10,754
61	53	87 300	2 162,455	23 776,718	10,995	10,527
62	54	86 133	2 008,058	21 614,263	10,764	10,295
63	55	84 859	1 861,975	19 606,204	10,530	10,061
64	56	83 486	1 724,090	17 744,230	10,292	9,824
65	57	82 001	1 593,824	16 020,140	10,051	9,583
66	58	80 420	1 471,141	14 426,316	9,806	9,338
67	59	78 741	1 355,689	12 955,175	9,556	9,088
68	60	76 960	1 247,083	11 599,486	9,301	8,833
69	61	75 085	1 145,139	10 352,403	9,040	8,572
70	62	73 083	1 049,039	9 207,264	8,777	8,309
71	63	71 015	959,389	8 158,225	8,504	8,035
72	64	68 798	874,762	7 198,836	8,229	7,761
73	65	66 496	795,757	6 324,074	7,947	7,479
74	66	64 069	721,621	5 528,317	7,661	7,193
75	67	61 534	652,294	4 806,696	7,369	6,901
76	68	58 901	587,657	4 154,402	7,069	6,601
77	69	56 118	526,956	3 566,745	6,769	6,300
78	70	53 212	470,278	3 039,789	6,464	5,995
79	71	50 153	417,166	2 569,512	6,159	5,691
80	72	46 969	367,704	2 152,346	5,853	5,385
81	73	43 663	321,710	1 784,642	5,547	5,079
82	74	40 174	278,597	1 462,932	5,251	4,783
83	75	36 591	238,819	1 184,335	4,959	4,491
84	76	32 964	202,490	945,516	4,669	4,201
85	77	29 286	169,315	743,026	4,388	3,920
86	78	25 596	139,279	573,711	4,119	3,651
87	79	21 963	112,481	434,432	3,862	3,394
88	80	18 463	88,993	321,951	3,618	3,149
89	81	15 144	68,703	232,958	3,391	2,922
90	82	12 104	51,682	164,254	3,178	2,710
91	83	9 417	37,844	112,573	2,975	2,506
92	84	7 115	26,910	74,728	2,777	2,309
93	85	5 152	18,340	47,819	2,607	2,139
94	86	3 601	12,065	29,479	2,443	1,975
95	87	2 400	7,567	17,413	2,301	1,833
96	88	1 533	4,550	9,846	2,164	1,696
97	89	920	2,571	5,296	2,060	1,592
98	90	531	1,397	2,726	1,951	1,482
99	91	290	0,717	1,328	1,854	1,386
100	92	149	0,346	0,612	1,769	1,301

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9	0	99 543	57 683,367	952 427,660	16,511	16,043
10	1	99 236	54 122,736	894 744,292	16,532	16,063
11	2	99 204	50 922,381	840 621,556	16,508	16,040
12	3	99 184	47 917,284	789 699,175	16,480	16,012
13	4	99 166	45 090,865	741 781,891	16,451	15,982
14	5	99 147	42 430,332	696 691,025	16,420	15,951
15	6	99 125	39 925,455	654 260,694	16,387	15,919
16	7	99 101	37 567,568	614 335,238	16,353	15,884
17	8	99 071	35 347,319	576 767,670	16,317	15,849
18	9	99 037	33 256,607	541 420,350	16,280	15,812
19	10	98 993	31 286,429	508 163,743	16,242	15,774
20	11	98 948	29 432,619	476 877,315	16,202	15,734
21	12	98 898	27 687,185	447 444,696	16,161	15,692
22	13	98 850	26 045,921	419 757,511	16,116	15,648
23	14	98 796	24 500,379	393 711,590	16,070	15,601
24	15	98 746	23 047,611	369 211,211	16,020	15,551
25	16	98 687	21 678,930	346 163,601	15,968	15,499
26	17	98 630	20 391,761	324 484,670	15,913	15,444
27	18	98 571	19 180,827	304 092,909	15,854	15,386
28	19	98 506	18 040,651	284 912,082	15,793	15,324
29	20	98 441	16 968,237	266 871,431	15,728	15,259
30	21	98 371	15 958,824	249 903,194	15,659	15,191
31	22	98 300	15 009,162	233 944,370	15,587	15,118
32	23	98 223	14 115,272	218 935,208	15,511	15,042
33	24	98 144	13 274,149	204 819,937	15,430	14,962
34	25	98 054	12 481,930	191 545,787	15,346	14,877
35	26	97 960	11 736,425	179 063,858	15,257	14,789
36	27	97 863	11 035,108	167 327,432	15,163	14,695
37	28	97 758	10 374,825	156 292,324	15,065	14,596
38	29	97 639	9 752,675	145 917,499	14,962	14,493
39	30	97 510	9 166,815	136 164,824	14,854	14,386
40	31	97 370	8 615,247	126 998,009	14,741	14,273
41	32	97 219	8 095,889	118 382,762	14,623	14,154
42	33	97 056	7 606,889	110 286,874	14,498	14,030
43	34	96 881	7 146,534	102 679,984	14,368	13,899
44	35	96 693	6 713,067	95 533,450	14,231	13,763
45	36	96 479	6 304,221	88 820,383	14,089	13,621
46	37	96 246	5 919,048	82 516,162	13,941	13,472
47	38	95 991	5 556,090	76 597,114	13,786	13,318
48	39	95 706	5 213,732	71 041,024	13,626	13,157
49	40	95 394	4 891,069	65 827,292	13,459	12,990
50	41	95 046	4 586,534	60 936,223	13,286	12,818
51	42	94 659	4 299,203	56 349,689	13,107	12,639
52	43	94 234	4 028,130	52 050,485	12,922	12,453
53	44	93 759	3 772,054	48 022,355	12,731	12,263
54	45	93 228	3 530,063	44 250,301	12,535	12,067
55	46	92 625	3 300,941	40 720,238	12,336	11,868
56	47	91 966	3 084,639	37 419,297	12,131	11,662
57	48	91 235	2 880,113	34 334,657	11,921	11,453
58	49	90 421	2 686,530	31 454,544	11,708	11,240
59	50	89 527	2 503,491	28 768,014	11,491	11,023
60	51	88 562	2 330,842	26 264,523	11,268	10,800
61	52	87 504	2 167,512	23 933,681	11,042	10,574
62	53	86 355	2 013,228	21 766,169	10,812	10,343
63	54	85 105	1 867,369	19 752,942	10,578	10,110
64	55	83 757	1 729,703	17 885,573	10,340	9,872
65	56	82 296	1 599,546	16 155,869	10,100	9,632
66	57	80 737	1 476,937	14 556,324	9,856	9,387
67	58	79 085	1 361,611	13 079,387	9,606	9,137
68	59	77 324	1 252,980	11 717,776	9,352	8,884
69	60	75 484	1 151,213	10 464,796	9,090	8,622
70	61	73 501	1 055,038	9 313,583	8,828	8,359
71	62	71 453	965,311	8 258,545	8,555	8,087
72	63	69 265	880,706	7 293,235	8,281	7,813
73	64	66 996	801,748	6 412,529	7,998	7,530
74	65	64 584	727,418	5 610,780	7,713	7,245
75	66	62 078	658,060	4 883,362	7,421	6,952
76	67	59 465	593,283	4 225,302	7,122	6,654
77	68	56 712	532,529	3 632,019	6,820	6,352
78	69	53 834	475,775	3 099,490	6,515	6,046
79	70	50 793	422,489	2 623,715	6,210	5,742
80	71	47 622	372,812	2 201,226	5,904	5,436
81	72	44 319	326,548	1 828,415	5,599	5,131
82	73	40 845	283,247	1 501,867	5,302	4,834
83	74	37 256	243,158	1 218,620	5,012	4,543
84	75	33 610	206,460	975,462	4,725	4,256
85	76	29 931	173,047	769,002	4,444	3,976
86	77	26 220	142,674	595,955	4,177	3,709
87	78	22 583	115,656	453,281	3,919	3,451
88	79	19 062	91,880	337,626	3,675	3,206
89	80	15 718	71,303	245,746	3,446	2,978
90	81	12 644	53,986	174,443	3,231	2,763
91	82	9 907	39,810	120,457	3,026	2,557
92	83	7 543	28,527	80,647	2,827	2,359
93	84	5 511	19,619	52,120	2,657	2,188
94	85	3 898	13,060	32,501	2,489	2,020
95	86	2 629	8,290	19,442	2,345	1,877
96	87	1 704	5,056	11,152	2,206	1,738
97	88	1 039	2,902	6,097	2,101	1,632
98	89	611	1,605	3,195	1,990	1,522
99	90	340	0,840	1,590	1,891	1,423
100	91	178	0,416	0,749	1,803	1,334

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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10	0	99 535	54 285,884	895 208,345	16,491	16,022
11	1	99 228	50 935,010	840 922,461	16,510	16,041
12	2	99 196	47 923,238	789 987,451	16,484	16,016
13	3	99 177	45 095,516	742 064,214	16,455	15,987
14	4	99 157	42 434,392	696 968,698	16,425	15,956
15	5	99 134	39 929,012	654 534,306	16,392	15,924
16	6	99 109	37 570,892	614 605,293	16,359	15,890
17	7	99 076	35 348,961	577 034,401	16,324	15,856
18	8	99 044	33 258,925	541 685,440	16,287	15,819
19	9	98 999	31 288,343	508 426,515	16,250	15,781
20	10	98 954	29 434,341	477 138,173	16,210	15,742
21	11	98 905	27 689,326	447 703,832	16,169	15,700
22	12	98 858	26 047,967	420 014,506	16,125	15,656
23	13	98 805	24 502,687	393 966,540	16,079	15,610
24	14	98 755	23 049,736	369 463,853	16,029	15,561
25	15	98 699	21 681,568	346 414,116	15,977	15,509
26	16	98 644	20 394,764	324 732,548	15,922	15,454
27	17	98 584	19 183,439	304 337,784	15,865	15,396
28	18	98 525	18 044,206	285 154,345	15,803	15,335
29	19	98 458	16 971,204	267 110,139	15,739	15,271
30	20	98 390	15 961,775	250 138,935	15,671	15,203
31	21	98 316	15 011,637	234 177,160	15,600	15,131
32	22	98 239	14 117,570	219 165,523	15,524	15,056
33	23	98 161	13 276,539	205 047,953	15,444	14,976
34	24	98 072	12 484,176	191 771,414	15,361	14,893
35	25	97 979	11 738,658	179 287,238	15,273	14,805
36	26	97 881	11 037,186	167 548,580	15,180	14,712
37	27	97 779	10 377,058	156 511,395	15,082	14,614
38	28	97 662	9 754,974	146 134,337	14,980	14,512
39	29	97 535	9 169,188	136 379,363	14,874	14,405
40	30	97 401	8 617,980	127 210,176	14,761	14,293
41	31	97 250	8 098,431	118 592,196	14,644	14,175
42	32	97 089	7 609,497	110 493,764	14,521	14,052
43	33	96 916	7 149,110	102 884,267	14,391	13,923
44	34	96 732	6 715,793	95 735,157	14,255	13,787
45	35	96 519	6 306,820	89 019,364	14,115	13,646
46	36	96 290	5 921,763	82 712,543	13,968	13,499
47	37	96 036	5 558,729	76 790,780	13,814	13,346
48	38	95 763	5 216,879	71 232,051	13,654	13,186
49	39	95 452	4 894,011	66 015,172	13,489	13,021
50	40	95 111	4 589,681	61 121,161	13,317	12,849
51	41	94 730	4 302,388	56 531,480	13,140	12,671
52	42	94 309	4 031,330	52 229,092	12,956	12,487
53	43	93 844	3 775,483	48 197,762	12,766	12,298
54	44	93 318	3 533,492	44 422,279	12,572	12,103
55	45	92 732	3 304,749	40 888,787	12,373	11,904
56	46	92 078	3 088,399	37 584,037	12,169	11,701
57	47	91 360	2 884,065	34 495,638	11,961	11,492
58	48	90 566	2 690,819	31 611,573	11,748	11,280
59	49	89 684	2 507,875	28 920,753	11,532	11,064
60	50	88 727	2 335,169	26 412,878	11,311	10,843
61	51	87 692	2 172,166	24 077,709	11,085	10,616
62	52	86 557	2 017,935	21 905,543	10,855	10,387
63	53	85 324	1 872,176	19 887,607	10,623	10,154
64	54	84 000	1 734,714	18 015,431	10,385	9,917
65	55	82 564	1 604,754	16 280,717	10,145	9,677
66	56	81 027	1 482,239	14 675,963	9,901	9,433
67	57	79 396	1 366,975	13 193,724	9,652	9,183
68	58	77 661	1 258,454	11 826,749	9,398	8,929
69	59	75 841	1 156,657	10 568,296	9,137	8,669
70	60	73 891	1 060,634	9 411,639	8,874	8,405
71	61	71 862	970,831	8 351,005	8,602	8,134
72	62	69 693	886,142	7 380,175	8,328	7,860
73	63	67 451	807,196	6 494,033	8,045	7,577
74	64	65 070	732,895	5 686,837	7,759	7,291
75	65	62 577	663,347	4 953,942	7,468	7,000
76	66	59 991	598,527	4 290,595	7,169	6,700
77	67	57 254	537,627	3 692,068	6,867	6,399
78	68	54 404	480,807	3 154,441	6,561	6,092
79	69	51 386	427,428	2 673,634	6,255	5,787
80	70	48 229	377,569	2 246,206	5,949	5,481
81	71	44 935	331,084	1 868,637	5,644	5,176
82	72	41 459	287,506	1 537,554	5,348	4,880
83	73	37 877	247,216	1 250,048	5,056	4,588
84	74	34 221	210,211	1 002,831	4,771	4,302
85	75	30 518	176,440	792,620	4,492	4,024
86	76	26 798	145,818	616,180	4,226	3,757
87	77	23 134	118,475	470,362	3,970	3,502
88	78	19 600	94,473	351,887	3,725	3,256
89	79	16 227	73,616	257,414	3,497	3,028
90	80	13 122	56,028	183,798	3,280	2,812
91	81	10 348	41,585	127,770	3,073	2,604
92	82	7 934	30,009	86,185	2,872	2,404
93	83	5 843	20,798	56,176	2,701	2,233
94	84	4 170	13,970	35,378	2,532	2,064
95	85	2 846	8,973	21,408	2,386	1,918
96	86	1 866	5,538	12,435	2,245	1,777
97	87	1 154	3,224	6,897	2,139	1,671
98	88	689	1,812	3,673	2,027	1,559
99	89	390	0,966	1,861	1,927	1,459
100	90	209	0,487	0,895	1,837	1,368

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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11	0	99 527	51 088,548	841 351,190	16,468	16,000
12	1	99 220	47 935,123	790 262,641	16,486	16,018
13	2	99 189	45 101,119	742 327,519	16,459	15,991
14	3	99 167	42 438,769	697 226,400	16,429	15,961
15	4	99 143	39 932,833	654 787,631	16,397	15,929
16	5	99 118	37 574,239	614 854,798	16,364	15,895
17	6	99 085	35 352,089	577 280,559	16,329	15,861
18	7	99 049	33 260,470	541 928,470	16,293	15,825
19	8	99 006	31 290,523	508 668,000	16,256	15,788
20	9	98 960	29 436,141	477 377,477	16,217	15,749
21	10	98 911	27 690,946	447 941,336	16,176	15,708
22	11	98 865	26 049,981	420 250,390	16,132	15,664
23	12	98 813	24 504,611	394 200,409	16,087	15,618
24	13	98 765	23 051,908	369 695,798	16,038	15,569
25	14	98 708	21 683,568	346 643,890	15,986	15,518
26	15	98 656	20 397,246	324 960,322	15,932	15,463
27	16	98 599	19 186,264	304 563,076	15,874	15,406
28	17	98 539	18 046,663	285 376,812	15,813	15,345
29	18	98 478	16 974,548	267 330,149	15,749	15,281
30	19	98 407	15 964,565	250 355,601	15,682	15,214
31	20	98 334	15 014,413	234 391,036	15,611	15,143
32	21	98 256	14 119,898	219 376,623	15,537	15,068
33	22	98 177	13 278,701	205 256,725	15,458	14,989
34	23	98 089	12 486,423	191 978,024	15,375	14,907
35	24	97 996	11 740,771	179 491,601	15,288	14,820
36	25	97 900	11 039,285	167 750,830	15,196	14,727
37	26	97 797	10 379,011	156 711,545	15,099	14,631
38	27	97 683	9 757,073	146 332,533	14,998	14,529
39	28	97 558	9 171,349	136 575,460	14,892	14,423
40	29	97 426	8 620,211	127 404,111	14,780	14,311
41	30	97 280	8 101,000	118 783,901	14,663	14,195
42	31	97 120	7 611,887	110 682,900	14,541	14,072
43	32	96 949	7 151,561	103 071,013	14,412	13,944
44	33	96 767	6 718,214	95 919,453	14,278	13,809
45	34	96 558	6 309,382	89 201,239	14,138	13,670
46	35	96 330	5 924,205	82 891,856	13,992	13,524
47	36	96 080	5 561,279	76 967,652	13,840	13,372
48	37	95 809	5 219,356	71 406,373	13,681	13,213
49	38	95 509	4 896,965	66 187,017	13,516	13,048
50	39	95 168	4 592,442	61 290,052	13,346	12,877
51	40	94 795	4 305,341	56 697,610	13,169	12,701
52	41	94 379	4 034,316	52 392,269	12,987	12,518
53	42	93 918	3 778,482	48 357,953	12,798	12,330
54	43	93 403	3 536,704	44 579,471	12,605	12,136
55	44	92 822	3 307,960	41 042,767	12,407	11,939
56	45	92 184	3 091,962	37 734,807	12,204	11,736
57	46	91 471	2 887,581	34 642,845	11,997	11,529
58	47	90 690	2 694,512	31 755,264	11,785	11,317
59	48	89 827	2 511,879	29 060,752	11,569	11,101
60	49	88 882	2 339,258	26 548,873	11,349	10,881
61	50	87 854	2 176,199	24 209,615	11,125	10,656
62	51	86 743	2 022,268	22 033,416	10,895	10,427
63	52	85 523	1 876,554	20 011,147	10,664	10,195
64	53	84 216	1 739,180	18 134,593	10,427	9,959
65	54	82 803	1 609,403	16 395,413	10,187	9,719
66	55	81 291	1 487,065	14 786,010	9,943	9,475
67	56	79 681	1 371,882	13 298,945	9,694	9,226
68	57	77 967	1 263,411	11 927,063	9,440	8,972
69	58	76 172	1 161,709	10 663,652	9,179	8,711
70	59	74 240	1 065,649	9 501,942	8,917	8,448
71	60	72 243	975,980	8 436,293	8,644	8,176
72	61	70 091	891,209	7 460,313	8,371	7,903
73	62	67 868	812,178	6 569,104	8,088	7,620
74	63	65 513	737,875	5 756,926	7,802	7,334
75	64	63 048	668,342	5 019,051	7,510	7,041
76	65	60 473	603,336	4 350,710	7,211	6,743
77	66	57 761	542,379	3 747,374	6,909	6,441
78	67	54 924	485,410	3 204,994	6,603	6,134
79	68	51 930	431,948	2 719,585	6,296	5,828
80	69	48 793	381,982	2 287,637	5,989	5,520
81	70	45 508	335,308	1 905,654	5,683	5,215
82	71	42 035	291,500	1 570,346	5,387	4,919
83	72	38 447	250,934	1 278,846	5,096	4,628
84	73	34 792	213,720	1 027,912	4,810	4,341
85	74	31 072	179,645	814,192	4,532	4,064
86	75	27 323	148,678	634,547	4,268	3,800
87	76	23 644	121,087	485,869	4,013	3,544
88	77	20 078	96,776	364,783	3,769	3,301
89	78	16 685	75,693	268,007	3,541	3,072
90	79	13 548	57,846	192,314	3,325	2,856
91	80	10 740	43,158	134,468	3,116	2,647
92	81	8 288	31,347	91,310	2,913	2,445
93	82	6 146	21,878	59,963	2,741	2,272
94	83	4 420	14,810	38,085	2,572	2,103
95	84	3 044	9,598	23,275	2,425	1,957
96	85	2 020	5,995	13,677	2,282	1,813
97	86	1 265	3,532	7,682	2,175	1,707
98	87	766	2,013	4,150	2,061	1,593
99	88	441	1,090	2,137	1,960	1,492
100	89	240	0,560	1,047	1,870	1,401

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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12	0	99 520	48 079,618	790 658,781	16,445	15,976
13	1	99 214	45 112,304	742 579,163	16,461	15,992
14	2	99 179	42 444,041	697 466,859	16,433	15,964
15	3	99 154	39 936,952	655 022,817	16,401	15,933
16	4	99 128	37 577,835	615 085,866	16,368	15,900
17	5	99 094	35 355,238	577 508,031	16,334	15,866
18	6	99 058	33 263,412	542 152,793	16,299	15,830
19	7	99 011	31 291,977	508 889,380	16,263	15,794
20	8	98 967	29 438,193	477 597,404	16,224	15,755
21	9	98 917	27 692,640	448 159,211	16,183	15,715
22	10	98 871	26 051,505	420 466,571	16,140	15,671
23	11	98 820	24 506,506	394 415,067	16,094	15,626
24	12	98 772	23 053,718	369 908,560	16,046	15,577
25	13	98 718	21 685,611	346 854,842	15,995	15,526
26	14	98 665	20 399,127	325 169,231	15,940	15,472
27	15	98 611	19 188,599	304 770,104	15,883	15,415
28	16	98 553	18 049,321	285 581,505	15,822	15,354
29	17	98 491	16 976,859	267 532,185	15,759	15,290
30	18	98 426	15 967,711	250 555,325	15,691	15,223
31	19	98 352	15 017,038	234 587,614	15,621	15,153
32	20	98 274	14 122,509	219 570,576	15,548	15,079
33	21	98 193	13 280,891	205 448,067	15,469	15,001
34	22	98 105	12 488,456	192 167,176	15,388	14,919
35	23	98 014	11 742,884	179 678,720	15,301	14,833
36	24	97 918	11 041,272	167 935,836	15,210	14,741
37	25	97 816	10 380,986	156 894,564	15,114	14,645
38	26	97 701	9 758,910	146 513,578	15,013	14,545
39	27	97 579	9 173,323	136 754,668	14,908	14,440
40	28	97 449	8 622,242	127 581,345	14,797	14,328
41	29	97 306	8 103,097	118 959,103	14,681	14,212
42	30	97 151	7 614,302	110 856,005	14,559	14,091
43	31	96 980	7 153,807	103 241,704	14,432	13,963
44	32	96 800	6 720,517	96 087,897	14,298	13,829
45	33	96 593	6 311,656	89 367,380	14,159	13,691
46	34	96 369	5 926,611	83 055,724	14,014	13,546
47	35	96 120	5 563,572	77 129,113	13,863	13,395
48	36	95 853	5 221,751	71 565,541	13,705	13,237
49	37	95 555	4 899,291	66 343,791	13,542	13,073
50	38	95 225	4 595,214	61 444,500	13,371	12,903
51	39	94 852	4 307,930	56 849,286	13,196	12,728
52	40	94 444	4 037,084	52 541,356	13,015	12,546
53	41	93 988	3 781,281	48 504,271	12,827	12,359
54	42	93 477	3 539,513	44 722,990	12,635	12,167
55	43	92 907	3 310,966	41 183,477	12,439	11,970
56	44	92 273	3 094,966	37 872,510	12,237	11,768
57	45	91 577	2 890,912	34 777,544	12,030	11,562
58	46	90 800	2 697,796	31 886,632	11,820	11,351
59	47	89 950	2 515,326	29 188,836	11,604	11,136
60	48	89 024	2 342,993	26 673,510	11,384	10,916
61	49	88 008	2 180,010	24 330,517	11,161	10,692
62	50	86 904	2 026,023	22 150,507	10,933	10,465
63	51	85 707	1 880,584	20 124,484	10,701	10,233
64	52	84 413	1 743,247	18 243,900	10,465	9,997
65	53	83 016	1 613,546	16 500,653	10,226	9,758
66	54	81 526	1 491,373	14 887,107	9,982	9,514
67	55	79 941	1 376,349	13 395,734	9,733	9,264
68	56	78 247	1 267,947	12 019,385	9,479	9,011
69	57	76 472	1 166,286	10 751,438	9,219	8,750
70	58	74 565	1 070,304	9 585,152	8,956	8,487
71	59	72 585	980,595	8 514,848	8,683	8,215
72	60	70 463	895,936	7 534,253	8,409	7,941
73	61	68 256	816,823	6 638,317	8,127	7,659
74	62	65 917	742,429	5 821,495	7,841	7,373
75	63	63 476	672,883	5 079,065	7,548	7,080
76	64	60 928	607,878	4 406,183	7,248	6,780
77	65	58 225	546,737	3 798,304	6,947	6,479
78	66	55 410	489,701	3 251,567	6,640	6,172
79	67	52 427	436,083	2 761,867	6,333	5,865
80	68	49 309	386,022	2 325,783	6,025	5,557
81	69	46 040	339,228	1 939,761	5,718	5,250
82	70	42 571	295,219	1 600,533	5,422	4,953
83	71	38 981	254,420	1 305,314	5,131	4,662
84	72	35 315	216,933	1 050,894	4,844	4,376
85	73	31 591	182,644	833,961	4,566	4,098
86	74	27 820	151,379	651,317	4,303	3,834
87	75	24 107	123,461	499,938	4,049	3,581
88	76	20 520	98,909	376,478	3,806	3,338
89	77	17 092	77,539	277,569	3,580	3,111
90	78	13 930	59,478	200,030	3,363	2,895
91	79	11 088	44,558	140,552	3,154	2,686
92	80	8 602	32,533	95,994	2,951	2,482
93	81	6 420	22,854	63,461	2,777	2,308
94	82	4 650	15,579	40,607	2,607	2,138
95	83	3 227	10,175	25,028	2,460	1,991
96	84	2 161	6,413	14,853	2,316	1,848
97	85	1 369	3,823	8,441	2,208	1,739
98	86	839	2,205	4,617	2,094	1,625
99	87	489	1,211	2,412	1,992	1,523
100	88	271	0,632	1,201	1,900	1,432

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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13	0	99 513	45 248,290	742 945,239	16,419	15,951
14	1	99 204	42 454,568	697 696,948	16,434	15,966
15	2	99 166	39 941,914	655 242,381	16,405	15,937
16	3	99 138	37 581,710	615 300,467	16,372	15,904
17	4	99 103	35 358,621	577 718,756	16,339	15,870
18	5	99 066	33 266,376	542 360,135	16,304	15,835
19	6	99 020	31 294,745	509 093,759	16,268	15,799
20	7	98 971	29 439,560	477 799,014	16,230	15,761
21	8	98 924	27 694,570	448 359,454	16,189	15,721
22	9	98 877	26 053,098	420 664,884	16,146	15,678
23	10	98 826	24 507,940	394 611,786	16,101	15,633
24	11	98 780	23 055,501	370 103,846	16,053	15,584
25	12	98 725	21 687,314	347 048,345	16,002	15,534
26	13	98 674	20 401,049	325 361,031	15,948	15,480
27	14	98 620	19 190,368	304 959,982	15,891	15,423
28	15	98 565	18 051,517	285 769,614	15,831	15,362
29	16	98 506	16 979,360	267 718,097	15,767	15,299
30	17	98 440	15 969,886	250 738,737	15,701	15,232
31	18	98 371	15 019,997	234 768,851	15,630	15,162
32	19	98 291	14 124,978	219 748,854	15,557	15,089
33	20	98 212	13 283,346	205 623,876	15,480	15,011
34	21	98 122	12 490,516	192 340,530	15,399	14,931
35	22	98 030	11 744,796	179 850,014	15,313	14,845
36	23	97 935	11 043,260	168 105,217	15,222	14,754
37	24	97 833	10 382,854	157 061,958	15,127	14,659
38	25	97 720	9 760,766	146 679,104	15,027	14,559
39	26	97 597	9 175,050	136 918,337	14,923	14,455
40	27	97 470	8 624,098	127 743,288	14,812	14,344
41	28	97 328	8 105,007	119 119,190	14,697	14,229
42	29	97 176	7 616,272	111 014,182	14,576	14,108
43	30	97 011	7 156,076	103 397,910	14,449	13,981
44	31	96 831	6 722,628	96 241,834	14,316	13,848
45	32	96 626	6 313,820	89 519,206	14,178	13,710
46	33	96 404	5 928,747	83 205,386	14,034	13,566
47	34	96 159	5 565,831	77 276,639	13,884	13,416
48	35	95 892	5 223,904	71 710,808	13,727	13,259
49	36	95 598	4 901,538	66 486,904	13,564	13,096
50	37	95 271	4 597,396	61 585,366	13,396	12,927
51	38	94 909	4 310,531	56 987,970	13,221	12,752
52	39	94 500	4 039,513	52 677,439	13,041	12,572
53	40	94 053	3 783,876	48 637,927	12,854	12,386
54	41	93 547	3 542,136	44 854,051	12,663	12,195
55	42	92 980	3 313,597	41 311,915	12,467	11,999
56	43	92 357	3 097,779	37 998,319	12,266	11,798
57	44	91 666	2 893,721	34 900,540	12,061	11,592
58	45	90 905	2 700,908	32 006,819	11,850	11,382
59	46	90 060	2 518,392	29 305,911	11,637	11,168
60	47	89 146	2 346,208	26 787,519	11,417	10,949
61	48	88 149	2 183,491	24 441,310	11,194	10,725
62	49	87 056	2 029,571	22 257,820	10,967	10,498
63	50	85 866	1 884,075	20 228,249	10,736	10,268
64	51	84 595	1 746,990	18 344,174	10,500	10,032
65	52	83 210	1 617,319	16 597,184	10,262	9,794
66	53	81 736	1 495,212	14 979,865	10,019	9,550
67	54	80 172	1 380,336	13 484,652	9,769	9,301
68	55	78 502	1 272,075	12 104,316	9,515	9,047
69	56	76 746	1 170,473	10 832,240	9,255	8,786
70	57	74 858	1 074,521	9 661,768	8,992	8,523
71	58	72 902	984,878	8 587,247	8,719	8,251
72	59	70 796	900,173	7 602,368	8,445	7,977
73	60	68 618	821,155	6 702,196	8,162	7,694
74	61	66 294	746,675	5 881,041	7,876	7,408
75	62	63 868	677,036	5 134,366	7,584	7,115
76	63	61 342	612,009	4 457,330	7,283	6,815
77	64	58 663	550,853	3 845,321	6,981	6,512
78	65	55 855	493,635	3 294,468	6,674	6,206
79	66	52 890	439,938	2 800,833	6,366	5,898
80	67	49 781	389,718	2 360,895	6,058	5,590
81	68	46 527	342,816	1 971,177	5,750	5,282
82	69	43 069	298,670	1 628,361	5,452	4,984
83	70	39 478	257,666	1 329,691	5,161	4,692
84	71	35 805	219,947	1 072,025	4,874	4,406
85	72	32 066	185,390	852,078	4,596	4,128
86	73	28 284	153,905	666,688	4,332	3,863
87	74	24 545	125,704	512,783	4,079	3,611
88	75	20 923	100,848	387,079	3,838	3,370
89	76	17 469	79,248	286,231	3,612	3,144
90	77	14 270	60,928	206,983	3,397	2,929
91	78	11 401	45,816	146,055	3,188	2,720
92	79	8 881	33,588	100,240	2,984	2,516
93	80	6 663	23,718	66,651	2,810	2,342
94	81	4 857	16,274	42,933	2,638	2,170
95	82	3 395	10,704	26,659	2,491	2,022
96	83	2 291	6,798	15,956	2,347	1,879
97	84	1 464	4,090	9,158	2,239	1,771
98	85	908	2,387	5,068	2,123	1,655
99	86	536	1,327	2,681	2,021	1,552
100	87	302	0,702	1,354	1,928	1,460

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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14	0	99 503	42 582,543	698 035,282	16,393	15,924
15	1	99 191	39 951,819	655 452,739	16,406	15,938
16	2	99 150	37 586,380	615 500,920	16,376	15,907
17	3	99 113	35 362,268	577 914,540	16,343	15,874
18	4	99 076	33 269,559	542 552,272	16,308	15,839
19	5	99 028	31 297,533	509 282,713	16,272	15,804
20	6	98 980	29 442,165	477 985,180	16,235	15,766
21	7	98 929	27 695,856	448 543,015	16,195	15,727
22	8	98 884	26 054,914	420 847,159	16,152	15,684
23	9	98 832	24 509,439	394 792,245	16,108	15,639
24	10	98 786	23 056,850	370 282,806	16,060	15,591
25	11	98 733	21 688,991	347 225,956	16,009	15,541
26	12	98 682	20 402,651	325 536,965	15,956	15,487
27	13	98 629	19 192,176	305 134,314	15,899	15,431
28	14	98 574	18 053,182	285 942,137	15,839	15,371
29	15	98 517	16 981,426	267 888,956	15,775	15,307
30	16	98 454	15 972,237	250 907,530	15,709	15,241
31	17	98 384	15 022,043	234 935,292	15,639	15,171
32	18	98 310	14 127,762	219 913,250	15,566	15,098
33	19	98 229	13 285,669	205 785,488	15,489	15,021
34	20	98 140	12 492,826	192 499,820	15,409	14,940
35	21	98 046	11 746,733	180 006,994	15,324	14,856
36	22	97 951	11 045,058	168 260,261	15,234	14,766
37	23	97 851	10 384,723	157 215,203	15,139	14,671
38	24	97 738	9 762,523	146 830,480	15,040	14,572
39	25	97 616	9 176,795	137 067,957	14,936	14,468
40	26	97 488	8 625,721	127 891,162	14,827	14,358
41	27	97 349	8 106,752	119 265,440	14,712	14,244
42	28	97 199	7 618,068	111 158,689	14,591	14,123
43	29	97 036	7 157,929	103 540,621	14,465	13,997
44	30	96 861	6 724,760	96 382,692	14,333	13,864
45	31	96 656	6 315,803	89 657,932	14,196	13,727
46	32	96 437	5 930,779	83 342,129	14,052	13,584
47	33	96 194	5 567,837	77 411,350	13,903	13,435
48	34	95 931	5 226,025	71 843,513	13,747	13,279
49	35	95 638	4 903,559	66 617,487	13,586	13,117
50	36	95 314	4 599,505	61 713,928	13,418	12,949
51	37	94 954	4 312,578	57 114,423	13,244	12,775
52	38	94 557	4 041,951	52 801,846	13,063	12,595
53	39	94 109	3 786,152	48 759,894	12,878	12,410
54	40	93 611	3 544,566	44 973,743	12,688	12,220
55	41	93 049	3 316,051	41 429,177	12,494	12,025
56	42	92 431	3 100,240	38 113,125	12,294	11,825
57	43	91 749	2 896,351	35 012,885	12,089	11,620
58	44	90 993	2 703,532	32 116,535	11,879	11,411
59	45	90 164	2 521,297	29 413,002	11,666	11,197
60	46	89 255	2 349,068	26 891,705	11,448	10,979
61	47	88 270	2 186,487	24 542,637	11,225	10,756
62	48	87 195	2 032,811	22 356,150	10,998	10,529
63	49	86 016	1 887,374	20 323,339	10,768	10,300
64	50	84 752	1 750,234	18 435,964	10,533	10,065
65	51	83 389	1 620,792	16 685,731	10,295	9,826
66	52	81 927	1 498,709	15 064,939	10,052	9,584
67	53	80 379	1 383,890	13 566,230	9,803	9,335
68	54	78 729	1 275,761	12 182,340	9,549	9,081
69	55	76 996	1 174,284	10 906,580	9,288	8,820
70	56	75 127	1 078,378	9 732,296	9,025	8,557
71	57	73 189	988,758	8 653,918	8,752	8,284
72	58	71 105	904,105	7 665,159	8,478	8,010
73	59	68 942	825,038	6 761,054	8,195	7,726
74	60	66 645	750,635	5 936,016	7,908	7,440
75	61	64 233	680,908	5 185,381	7,615	7,147
76	62	61 720	615,786	4 504,474	7,315	6,847
77	63	59 062	554,596	3 888,687	7,012	6,543
78	64	56 276	497,352	3 334,091	6,704	6,235
79	65	53 315	443,473	2 836,740	6,397	5,928
80	66	50 221	393,163	2 393,267	6,087	5,619
81	67	46 972	346,098	2 000,104	5,779	5,311
82	68	43 525	301,829	1 654,007	5,480	5,012
83	69	39 940	260,678	1 352,177	5,187	4,719
84	70	36 262	222,753	1 091,499	4,900	4,432
85	71	32 512	187,965	868,746	4,622	4,153
86	72	28 709	156,219	680,781	4,358	3,889
87	73	24 955	127,802	524,561	4,104	3,636
88	74	21 303	102,680	396,759	3,864	3,396
89	75	17 811	80,802	294,079	3,640	3,171
90	76	14 584	62,271	213,278	3,425	2,957
91	77	11 679	46,932	151,007	3,218	2,749
92	78	9 131	34,536	104,074	3,013	2,545
93	79	6 879	24,488	69,538	2,840	2,371
94	80	5 041	16,889	45,050	2,667	2,199
95	81	3 546	11,181	28,161	2,519	2,050
96	82	2 410	7,151	16,980	2,374	1,906
97	83	1 552	4,336	9,829	2,267	1,799
98	84	971	2,554	5,494	2,151	1,683
99	85	580	1,436	2,940	2,047	1,579
100	86	330	0,769	1,504	1,955	1,486

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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15	0	99 490	40 072,250	655 765,469	16,365	15,896
16	1	99 175	37 595,701	615 693,219	16,377	15,908
17	2	99 126	35 366,662	578 097,518	16,346	15,877
18	3	99 086	33 272,991	542 730,856	16,311	15,843
19	4	99 038	31 300,528	509 457,866	16,276	15,808
20	5	98 989	29 444,788	478 157,338	16,239	15,771
21	6	98 937	27 698,306	448 712,550	16,200	15,732
22	7	98 889	26 056,125	421 014,244	16,158	15,690
23	8	98 839	24 511,147	394 958,119	16,113	15,645
24	9	98 792	23 058,260	370 446,972	16,066	15,597
25	10	98 739	21 690,260	347 388,712	16,016	15,548
26	11	98 690	20 404,229	325 698,452	15,962	15,494
27	12	98 637	19 193,684	305 294,223	15,906	15,438
28	13	98 584	18 054,883	286 100,539	15,846	15,378
29	14	98 527	16 982,992	268 045,657	15,783	15,315
30	15	98 466	15 974,181	251 062,665	15,717	15,248
31	16	98 399	15 024,255	235 088,484	15,647	15,179
32	17	98 324	14 129,686	220 064,229	15,575	15,106
33	18	98 248	13 288,287	205 934,544	15,497	15,029
34	19	98 157	12 495,010	192 646,257	15,418	14,950
35	20	98 064	11 748,905	180 151,247	15,333	14,865
36	21	97 967	11 046,879	168 402,342	15,244	14,776
37	22	97 867	10 386,414	157 355,463	15,150	14,682
38	23	97 755	9 764,280	146 969,048	15,052	14,583
39	24	97 633	9 178,447	137 204,768	14,949	14,480
40	25	97 507	8 627,363	128 026,321	14,840	14,371
41	26	97 368	8 108,278	119 398,959	14,726	14,257
42	27	97 220	7 619,707	111 290,681	14,606	14,137
43	28	97 059	7 159,616	103 670,974	14,480	14,012
44	29	96 886	6 726,501	96 511,358	14,348	13,880
45	30	96 687	6 317,806	89 784,857	14,211	13,743
46	31	96 467	5 932,642	83 467,051	14,069	13,601
47	32	96 227	5 569,746	77 534,409	13,921	13,452
48	33	95 966	5 227,909	71 964,663	13,765	13,297
49	34	95 677	4 905,551	66 736,754	13,604	13,136
50	35	95 354	4 601,402	61 831,203	13,437	12,969
51	36	94 997	4 314,556	57 229,802	13,264	12,796
52	37	94 602	4 043,871	52 915,246	13,085	12,617
53	38	94 166	3 788,437	48 871,375	12,900	12,432
54	39	93 667	3 546,698	45 082,938	12,711	12,243
55	40	93 113	3 318,327	41 536,240	12,517	12,049
56	41	92 499	3 102,536	38 217,913	12,318	11,850
57	42	91 822	2 898,652	35 115,377	12,114	11,646
58	43	91 076	2 705,989	32 216,725	11,906	11,437
59	44	90 251	2 523,747	29 510,736	11,693	11,225
60	45	89 358	2 351,778	26 986,989	11,475	11,007
61	46	88 377	2 189,152	24 635,211	11,253	10,785
62	47	87 315	2 035,601	22 446,059	11,027	10,558
63	48	86 154	1 890,388	20 410,458	10,797	10,329
64	49	84 900	1 753,299	18 520,071	10,563	10,095
65	50	83 544	1 623,801	16 766,772	10,326	9,857
66	51	82 103	1 501,927	15 142,971	10,082	9,614
67	52	80 567	1 387,126	13 641,044	9,834	9,366
68	53	78 932	1 279,045	12 253,918	9,581	9,112
69	54	77 219	1 177,686	10 974,873	9,319	8,851
70	55	75 372	1 081,889	9 797,187	9,056	8,587
71	56	73 452	992,308	8 715,298	8,783	8,315
72	57	71 386	907,667	7 722,990	8,509	8,040
73	58	69 244	828,642	6 815,323	8,225	7,756
74	59	66 961	754,185	5 986,681	7,938	7,470
75	60	64 574	684,519	5 232,497	7,644	7,176
76	61	62 073	619,308	4 547,978	7,344	6,875
77	62	59 426	558,019	3 928,670	7,040	6,572
78	63	56 658	500,731	3 370,651	6,731	6,263
79	64	53 717	446,812	2 869,920	6,423	5,955
80	65	50 625	396,322	2 423,108	6,114	5,646
81	66	47 388	349,157	2 026,787	5,805	5,336
82	67	43 941	304,719	1 677,630	5,506	5,037
83	68	40 362	263,435	1 372,911	5,212	4,743
84	69	36 686	225,357	1 109,476	4,923	4,455
85	70	32 926	190,364	884,119	4,644	4,176
86	71	29 108	158,390	693,755	4,380	3,912
87	72	25 330	129,723	535,365	4,127	3,659
88	73	21 658	104,394	405,642	3,886	3,417
89	74	18 135	82,270	301,248	3,662	3,193
90	75	14 870	63,492	218,978	3,449	2,981
91	76	11 936	47,967	155,486	3,242	2,773
92	77	9 354	35,378	107,520	3,039	2,571
93	78	7 073	25,179	72,142	2,865	2,397
94	79	5 205	17,437	46,963	2,693	2,225
95	80	3 680	11,604	29,526	2,544	2,076
96	81	2 517	7,470	17,922	2,399	1,931
97	82	1 633	4,561	10,452	2,292	1,823
98	83	1 030	2,707	5,891	2,176	1,708
99	84	621	1,536	3,184	2,073	1,604
100	85	358	0,833	1,648	1,979	1,510

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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16	0	99 474	37 709,030	615 982,316	16,335	15,867
17	1	99 150	35 375,433	578 273,287	16,347	15,878
18	2	99 098	33 277,124	542 897,854	16,314	15,846
19	3	99 048	31 303,756	509 620,729	16,280	15,812
20	4	98 999	29 447,605	478 316,973	16,243	15,775
21	5	98 946	27 700,774	448 869,368	16,204	15,736
22	6	98 897	26 058,430	421 168,594	16,162	15,694
23	7	98 844	24 512,286	395 110,164	16,119	15,651
24	8	98 799	23 059,867	370 597,878	16,071	15,603
25	9	98 745	21 691,587	347 538,011	16,022	15,553
26	10	98 696	20 405,422	325 846,424	15,969	15,500
27	11	98 645	19 195,168	305 441,002	15,912	15,444
28	12	98 591	18 056,301	286 245,834	15,853	15,385
29	13	98 536	16 984,592	268 189,533	15,790	15,322
30	14	98 475	15 975,654	251 204,941	15,724	15,256
31	15	98 411	15 026,083	235 229,287	15,655	15,186
32	16	98 338	14 131,766	220 203,204	15,582	15,114
33	17	98 261	13 290,096	206 071,438	15,506	15,037
34	18	98 176	12 497,472	192 781,342	15,426	14,957
35	19	98 081	11 750,959	180 283,870	15,342	14,874
36	20	97 985	11 048,922	168 532,910	15,253	14,785
37	21	97 883	10 388,127	157 483,988	15,160	14,692
38	22	97 771	9 765,870	147 095,861	15,062	14,594
39	23	97 651	9 180,099	137 329,991	14,960	14,491
40	24	97 525	8 628,915	128 149,892	14,851	14,383
41	25	97 386	8 109,820	119 520,977	14,738	14,269
42	26	97 238	7 621,141	111 411,157	14,619	14,150
43	27	97 080	7 161,157	103 790,015	14,493	14,025
44	28	96 909	6 728,086	96 628,858	14,362	13,894
45	29	96 712	6 319,442	89 900,772	14,226	13,758
46	30	96 498	5 934,524	83 581,330	14,084	13,616
47	31	96 257	5 571,495	77 646,806	13,936	13,468
48	32	95 999	5 229,701	72 075,311	13,782	13,314
49	33	95 711	4 907,319	66 845,610	13,622	13,153
50	34	95 392	4 603,271	61 938,291	13,455	12,987
51	35	95 037	4 316,335	57 335,021	13,283	12,815
52	36	94 646	4 045,726	53 018,686	13,105	12,637
53	37	94 211	3 790,236	48 972,961	12,921	12,452
54	38	93 724	3 548,839	45 182,724	12,732	12,263
55	39	93 169	3 320,323	41 633,885	12,539	12,071
56	40	92 563	3 104,665	38 313,563	12,341	11,872
57	41	91 890	2 900,799	35 208,897	12,138	11,669
58	42	91 148	2 708,139	32 308,098	11,930	11,462
59	43	90 333	2 526,041	29 599,959	11,718	11,250
60	44	89 445	2 354,063	27 073,919	11,501	11,033
61	45	88 479	2 191,677	24 719,856	11,279	10,811
62	46	87 421	2 038,082	22 528,178	11,054	10,585
63	47	86 272	1 892,982	20 490,096	10,824	10,356
64	48	85 036	1 756,098	18 597,115	10,590	10,122
65	49	83 690	1 626,645	16 841,017	10,353	9,885
66	50	82 255	1 504,716	15 214,372	10,111	9,643
67	51	80 740	1 390,104	13 709,657	9,862	9,394
68	52	79 117	1 282,036	12 319,552	9,609	9,141
69	53	77 418	1 180,718	11 037,516	9,348	8,880
70	54	75 590	1 085,024	9 856,799	9,084	8,616
71	55	73 691	995,539	8 771,775	8,811	8,343
72	56	71 642	910,925	7 776,236	8,537	8,068
73	57	69 516	831,906	6 865,311	8,253	7,784
74	58	67 253	757,479	6 033,405	7,965	7,497
75	59	64 879	687,756	5 275,926	7,671	7,203
76	60	62 403	622,592	4 588,170	7,369	6,901
77	61	59 766	561,210	3 965,577	7,066	6,598
78	62	57 008	503,822	3 404,367	6,757	6,289
79	63	54 082	449,848	2 900,545	6,448	5,979
80	64	51 006	399,305	2 450,698	6,137	5,669
81	65	47 768	351,962	2 051,392	5,828	5,360
82	66	44 330	307,412	1 699,430	5,528	5,060
83	67	40 749	265,957	1 392,018	5,234	4,766
84	68	37 074	227,741	1 126,061	4,944	4,476
85	69	33 311	192,589	898,320	4,664	4,196
86	70	29 480	160,411	705,731	4,400	3,931
87	71	25 682	131,526	545,321	4,146	3,678
88	72	21 984	105,964	413,795	3,905	3,437
89	73	18 438	83,643	307,831	3,680	3,212
90	74	15 141	64,645	224,189	3,468	3,000
91	75	12 171	48,907	159,543	3,262	2,794
92	76	9 560	36,158	110,636	3,060	2,591
93	77	7 246	25,793	74,478	2,888	2,419
94	78	5 352	17,929	48,685	2,715	2,247
95	79	3 799	11,980	30,756	2,567	2,099
96	80	2 612	7,753	18,776	2,422	1,954
97	81	1 706	4,764	11,023	2,314	1,846
98	82	1 083	2,848	6,259	2,198	1,730
99	83	658	1,628	3,412	2,095	1,627
100	84	383	0,891	1,783	2,002	1,533

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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17	0	99 449	35 482,068	578 540,560	16,305	15,837
18	1	99 123	33 285,377	543 058,491	16,315	15,847
19	2	99 060	31 307,646	509 773,114	16,283	15,814
20	3	99 009	29 450,643	478 465,469	16,246	15,778
21	4	98 956	27 703,425	449 014,826	16,208	15,740
22	5	98 906	26 060,751	421 311,401	16,167	15,698
23	6	98 853	24 514,455	395 250,650	16,123	15,655
24	7	98 803	23 060,939	370 736,195	16,076	15,608
25	8	98 752	21 693,098	347 675,257	16,027	15,559
26	9	98 702	20 406,671	325 982,158	15,974	15,506
27	10	98 650	19 196,291	305 575,488	15,918	15,450
28	11	98 599	18 057,697	286 379,197	15,859	15,391
29	12	98 544	16 985,926	268 321,500	15,797	15,328
30	13	98 484	15 977,159	251 335,574	15,731	15,263
31	14	98 420	15 027,469	235 358,415	15,662	15,194
32	15	98 350	14 133,486	220 330,946	15,589	15,121
33	16	98 276	13 292,053	206 197,460	15,513	15,044
34	17	98 190	12 499,174	192 905,407	15,433	14,965
35	18	98 101	11 753,275	180 406,233	15,349	14,881
36	19	98 003	11 050,854	168 652,958	15,262	14,793
37	20	97 901	10 390,048	157 602,105	15,169	14,700
38	21	97 787	9 767,481	147 212,057	15,072	14,603
39	22	97 667	9 181,594	137 444,576	14,970	14,501
40	23	97 542	8 630,468	128 262,982	14,862	14,393
41	24	97 404	8 111,280	119 632,514	14,749	14,281
42	25	97 256	7 622,591	111 521,234	14,630	14,162
43	26	97 098	7 162,505	103 898,642	14,506	14,038
44	27	96 930	6 729,534	96 736,138	14,375	13,907
45	28	96 735	6 320,931	90 006,603	14,239	13,771
46	29	96 523	5 936,060	83 685,672	14,098	13,629
47	30	96 287	5 573,263	77 749,612	13,950	13,482
48	31	96 029	5 231,344	72 176,349	13,797	13,329
49	32	95 744	4 909,001	66 945,006	13,637	13,169
50	33	95 427	4 604,930	62 036,005	13,472	13,003
51	34	95 075	4 318,088	57 431,075	13,300	12,832
52	35	94 685	4 047,394	53 112,987	13,123	12,654
53	36	94 254	3 791,975	49 065,594	12,939	12,471
54	37	93 768	3 550,524	45 273,619	12,751	12,283
55	38	93 225	3 322,327	41 723,095	12,558	12,090
56	39	92 618	3 106,533	38 400,768	12,361	11,893
57	40	91 953	2 902,789	35 294,235	12,159	11,690
58	41	91 216	2 710,145	32 391,445	11,952	11,484
59	42	90 405	2 528,047	29 681,300	11,741	11,272
60	43	89 526	2 356,202	27 153,253	11,524	11,056
61	44	88 565	2 193,807	24 797,050	11,303	10,835
62	45	87 522	2 040,433	22 603,244	11,078	10,609
63	46	86 377	1 895,289	20 562,811	10,849	10,381
64	47	85 152	1 758,508	18 667,521	10,616	10,147
65	48	83 824	1 629,242	16 909,014	10,378	9,910
66	49	82 399	1 507,350	15 279,772	10,137	9,668
67	50	80 889	1 392,685	13 772,422	9,889	9,421
68	51	79 287	1 284,789	12 379,736	9,636	9,167
69	52	77 599	1 183,479	11 094,948	9,375	8,907
70	53	75 785	1 087,817	9 911,469	9,111	8,643
71	54	73 904	998,423	8 823,652	8,838	8,369
72	55	71 875	913,891	7 825,229	8,563	8,094
73	56	69 766	834,893	6 911,338	8,278	7,810
74	57	67 518	760,463	6 076,445	7,990	7,522
75	58	65 163	690,760	5 315,982	7,696	7,227
76	59	62 698	625,536	4 625,222	7,394	6,926
77	60	60 083	564,187	3 999,685	7,089	6,621
78	61	57 334	506,703	3 435,498	6,780	6,312
79	62	54 416	452,624	2 928,796	6,471	6,002
80	63	51 352	402,019	2 476,171	6,159	5,691
81	64	48 128	354,612	2 074,153	5,849	5,381
82	65	44 686	309,882	1 719,541	5,549	5,081
83	66	41 109	268,308	1 409,659	5,254	4,786
84	67	37 429	229,921	1 141,351	4,964	4,496
85	68	33 664	194,626	911,430	4,683	4,215
86	69	29 824	162,286	716,804	4,417	3,949
87	70	26 010	133,204	554,518	4,163	3,695
88	71	22 289	107,436	421,314	3,922	3,453
89	72	18 715	84,900	313,879	3,697	3,229
90	73	15 393	65,724	228,978	3,484	3,016
91	74	12 392	49,796	163,254	3,278	2,810
92	75	9 748	36,867	113,458	3,078	2,609
93	76	7 406	26,361	76,591	2,905	2,437
94	77	5 482	18,366	50,230	2,735	2,267
95	78	3 907	12,318	31,864	2,587	2,118
96	79	2 697	8,004	19,546	2,442	1,974
97	80	1 770	4,944	11,541	2,334	1,866
98	81	1 132	2,975	6,597	2,218	1,749
99	82	692	1,713	3,622	2,115	1,646
100	83	406	0,944	1,909	2,022	1,553

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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18	0	99 422	33 385,713	543 305,614	16,274	15,805
19	1	99 085	31 315,410	509 919,901	16,283	15,815
20	2	99 021	29 454,302	478 604,492	16,249	15,781
21	3	98 966	27 706,282	449 150,190	16,211	15,743
22	4	98 916	26 063,245	421 443,908	16,170	15,702
23	5	98 861	24 516,638	395 380,663	16,127	15,659
24	6	98 812	23 062,979	370 864,024	16,080	15,612
25	7	98 756	21 694,106	347 801,046	16,032	15,564
26	8	98 709	20 408,093	326 106,939	15,979	15,511
27	9	98 656	19 197,465	305 698,847	15,924	15,456
28	10	98 605	18 058,753	286 501,381	15,865	15,397
29	11	98 551	16 987,239	268 442,628	15,803	15,334
30	12	98 492	15 978,414	251 455,389	15,737	15,269
31	13	98 429	15 028,885	235 476,975	15,668	15,200
32	14	98 359	14 134,789	220 448,090	15,596	15,128
33	15	98 288	13 293,671	206 313,301	15,520	15,051
34	16	98 204	12 501,015	193 019,630	15,440	14,972
35	17	98 114	11 754,875	180 518,616	15,357	14,889
36	18	98 022	11 053,031	168 763,740	15,269	14,800
37	19	97 918	10 391,864	157 710,709	15,176	14,708
38	20	97 805	9 769,287	147 318,845	15,080	14,611
39	21	97 683	9 183,108	137 549,558	14,979	14,510
40	22	97 558	8 631,874	128 366,449	14,871	14,403
41	23	97 421	8 112,740	119 734,576	14,759	14,290
42	24	97 274	7 623,963	111 621,836	14,641	14,173
43	25	97 116	7 163,867	103 997,873	14,517	14,049
44	26	96 948	6 730,801	96 834,005	14,387	13,918
45	27	96 756	6 322,292	90 103,204	14,252	13,783
46	28	96 545	5 937,459	83 780,912	14,111	13,642
47	29	96 312	5 574,705	77 843,453	13,964	13,495
48	30	96 059	5 233,003	72 268,748	13,810	13,342
49	31	95 774	4 910,543	67 035,745	13,651	13,183
50	32	95 459	4 606,508	62 125,202	13,486	13,018
51	33	95 109	4 319,644	57 518,694	13,316	12,847
52	34	94 723	4 049,037	53 199,050	13,139	12,670
53	35	94 293	3 793,538	49 150,012	12,956	12,488
54	36	93 811	3 552,153	45 356,474	12,769	12,300
55	37	93 270	3 323,905	41 804,321	12,577	12,109
56	38	92 674	3 108,408	38 480,416	12,379	11,911
57	39	92 008	2 904,535	35 372,008	12,178	11,710
58	40	91 279	2 712,005	32 467,473	11,972	11,503
59	41	90 472	2 529,920	29 755,468	11,761	11,293
60	42	89 597	2 358,074	27 225,548	11,546	11,077
61	43	88 646	2 195,801	24 867,474	11,325	10,857
62	44	87 607	2 042,415	22 671,673	11,100	10,632
63	45	86 477	1 897,476	20 629,258	10,872	10,404
64	46	85 256	1 760,651	18 731,782	10,639	10,171
65	47	83 939	1 631,477	16 971,131	10,402	9,934
66	48	82 531	1 509,757	15 339,654	10,160	9,692
67	49	81 031	1 395,124	13 829,896	9,913	9,445
68	50	79 434	1 287,174	12 434,772	9,661	9,192
69	51	77 766	1 186,020	11 147,598	9,399	8,931
70	52	75 962	1 090,360	9 961,578	9,136	8,668
71	53	74 094	1 000,993	8 871,218	8,862	8,394
72	54	72 083	916,539	7 870,225	8,587	8,119
73	55	69 993	837,611	6 953,686	8,302	7,833
74	56	67 760	763,193	6 116,075	8,014	7,545
75	57	65 419	693,482	5 352,881	7,719	7,250
76	58	62 972	628,269	4 659,400	7,416	6,948
77	59	60 367	566,855	4 031,131	7,111	6,643
78	60	57 638	509,390	3 464,276	6,801	6,332
79	61	54 727	455,212	2 954,886	6,491	6,023
80	62	51 669	404,500	2 499,673	6,180	5,711
81	63	48 455	357,022	2 095,173	5,868	5,400
82	64	45 022	312,215	1 738,152	5,567	5,099
83	65	41 439	270,463	1 425,937	5,272	4,804
84	66	37 760	231,953	1 155,473	4,981	4,513
85	67	33 986	196,489	923,520	4,700	4,232
86	68	30 140	164,002	727,031	4,433	3,965
87	69	26 314	134,761	563,029	4,178	3,710
88	70	22 574	108,807	428,268	3,936	3,468
89	71	18 975	86,080	319,461	3,711	3,243
90	72	15 625	66,713	233,381	3,498	3,030
91	73	12 598	50,627	166,669	3,292	2,824
92	74	9 925	37,537	116,042	3,091	2,623
93	75	7 551	26,878	78,505	2,921	2,452
94	76	5 603	18,771	51,627	2,750	2,282
95	77	4 002	12,618	32,856	2,604	2,135
96	78	2 773	8,230	20,237	2,459	1,991
97	79	1 828	5,105	12,007	2,352	1,884
98	80	1 174	3,087	6,903	2,236	1,768
99	81	723	1,789	3,815	2,132	1,664
100	82	427	0,993	2,026	2,039	1,571

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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19	0	99 384	31 409,807	510 148,409	16,242	15,773
20	1	99 046	29 461,606	478 738,602	16,250	15,781
21	2	98 978	27 709,724	449 276,996	16,214	15,745
22	3	98 926	26 065,933	421 567,272	16,173	15,705
23	4	98 871	24 518,985	395 501,338	16,130	15,662
24	5	98 821	23 065,033	370 982,354	16,084	15,616
25	6	98 765	21 696,025	347 917,321	16,036	15,568
26	7	98 713	20 409,041	326 221,295	15,984	15,516
27	8	98 663	19 198,803	305 812,254	15,929	15,460
28	9	98 611	18 059,858	286 613,451	15,870	15,402
29	10	98 557	16 988,233	268 553,593	15,808	15,340
30	11	98 500	15 979,650	251 565,360	15,743	15,275
31	12	98 437	15 030,065	235 585,710	15,674	15,206
32	13	98 369	14 136,121	220 555,646	15,602	15,134
33	14	98 297	13 294,897	206 419,525	15,526	15,058
34	15	98 216	12 502,536	193 124,628	15,447	14,978
35	16	98 128	11 756,607	180 622,092	15,363	14,895
36	17	98 035	11 054,537	168 865,486	15,276	14,807
37	18	97 938	10 393,912	157 810,949	15,183	14,715
38	19	97 822	9 770,995	147 417,037	15,087	14,619
39	20	97 701	9 184,806	137 646,042	14,986	14,518
40	21	97 574	8 633,297	128 461,236	14,880	14,411
41	22	97 437	8 114,061	119 827,939	14,768	14,300
42	23	97 291	7 625,336	111 713,878	14,650	14,182
43	24	97 134	7 165,157	104 088,542	14,527	14,059
44	25	96 967	6 732,082	96 923,385	14,397	13,929
45	26	96 774	6 323,482	90 191,304	14,263	13,795
46	27	96 566	5 938,737	83 867,822	14,122	13,654
47	28	96 335	5 576,019	77 929,085	13,976	13,507
48	29	96 084	5 234,358	72 353,066	13,823	13,354
49	30	95 804	4 912,101	67 118,708	13,664	13,196
50	31	95 489	4 607,955	62 206,608	13,500	13,031
51	32	95 142	4 321,125	57 598,652	13,330	12,861
52	33	94 757	4 050,497	53 277,528	13,153	12,685
53	34	94 331	3 795,079	49 227,031	12,971	12,503
54	35	93 850	3 553,617	45 431,952	12,785	12,316
55	36	93 312	3 325,429	41 878,334	12,593	12,125
56	37	92 718	3 109,884	38 552,905	12,397	11,929
57	38	92 064	2 906,289	35 443,021	12,195	11,727
58	39	91 333	2 713,636	32 536,732	11,990	11,522
59	40	90 534	2 531,656	29 823,096	11,780	11,312
60	41	89 663	2 359,821	27 291,440	11,565	11,097
61	42	88 716	2 197,545	24 931,619	11,345	10,877
62	43	87 687	2 044,272	22 734,074	11,121	10,653
63	44	86 561	1 899,319	20 689,802	10,893	10,425
64	45	85 354	1 762,682	18 790,483	10,660	10,192
65	46	84 041	1 633,466	17 027,801	10,424	9,956
66	47	82 644	1 511,829	15 394,335	10,183	9,714
67	48	81 160	1 397,352	13 882,506	9,935	9,467
68	49	79 573	1 289,428	12 485,154	9,683	9,214
69	50	77 910	1 188,222	11 195,726	9,422	8,954
70	51	76 125	1 092,702	10 007,504	9,158	8,690
71	52	74 268	1 003,334	8 914,802	8,885	8,417
72	53	72 269	918,898	7 911,468	8,610	8,141
73	54	70 196	840,038	6 992,570	8,324	7,856
74	55	67 981	765,678	6 152,532	8,035	7,567
75	56	65 654	695,971	5 386,854	7,740	7,272
76	57	63 220	630,744	4 690,883	7,437	6,969
77	58	60 631	569,331	4 060,139	7,131	6,663
78	59	57 910	511,799	3 490,808	6,821	6,352
79	60	55 017	457,627	2 979,009	6,510	6,041
80	61	51 965	406,813	2 521,382	6,198	5,730
81	62	48 754	359,225	2 114,569	5,886	5,418
82	63	45 328	314,337	1 755,344	5,584	5,116
83	64	41 751	272,500	1 441,007	5,288	4,820
84	65	38 063	233,817	1 168,507	4,998	4,529
85	66	34 286	198,226	934,691	4,715	4,247
86	67	30 428	165,572	736,465	4,448	3,980
87	68	26 592	136,186	570,892	4,192	3,724
88	69	22 838	110,079	434,706	3,949	3,481
89	70	19 217	87,178	324,628	3,724	3,255
90	71	15 842	67,639	237,450	3,511	3,042
91	72	12 788	51,388	169,810	3,304	2,836
92	73	10 090	38,163	118,422	3,103	2,635
93	74	7 688	27,366	80,259	2,933	2,464
94	75	5 713	19,139	52,892	2,764	2,295
95	76	4 090	12,897	33,753	2,617	2,149
96	77	2 841	8,431	20,857	2,474	2,006
97	78	1 879	5,249	12,426	2,367	1,899
98	79	1 212	3,187	7,177	2,252	1,783
99	80	751	1,857	3,990	2,148	1,680
100	81	446	1,038	2,133	2,055	1,587

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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20	0	99 344	29 550,415	478 949,921	16,208	15,740
21	1	99 003	27 716,596	449 399,505	16,214	15,746
22	2	98 938	26 069,172	421 682,909	16,176	15,707
23	3	98 881	24 521,513	395 613,737	16,133	15,665
24	4	98 830	23 067,241	371 092,224	16,087	15,619
25	5	98 774	21 697,958	348 024,983	16,040	15,571
26	6	98 722	20 410,846	326 327,025	15,988	15,520
27	7	98 668	19 199,695	305 916,178	15,933	15,465
28	8	98 618	18 061,117	286 716,483	15,875	15,406
29	9	98 563	16 989,272	268 655,367	15,813	15,345
30	10	98 506	15 980,584	251 666,095	15,748	15,280
31	11	98 445	15 031,227	235 685,510	15,680	15,211
32	12	98 376	14 137,231	220 654,283	15,608	15,140
33	13	98 306	13 296,149	206 517,052	15,532	15,064
34	14	98 225	12 503,689	193 220,902	15,453	14,985
35	15	98 140	11 758,037	180 717,214	15,370	14,901
36	16	98 050	11 056,165	168 959,177	15,282	14,814
37	17	97 951	10 395,328	157 903,012	15,190	14,721
38	18	97 842	9 772,920	147 507,684	15,094	14,625
39	19	97 718	9 186,412	137 734,764	14,993	14,525
40	20	97 592	8 634,894	128 548,352	14,887	14,419
41	21	97 453	8 115,399	119 913,459	14,776	14,308
42	22	97 307	7 626,577	111 798,059	14,659	14,191
43	23	97 151	7 166,446	104 171,482	14,536	14,068
44	24	96 984	6 733,293	97 005,036	14,407	13,938
45	25	96 792	6 324,685	90 271,742	14,273	13,805
46	26	96 584	5 939,855	83 947,058	14,133	13,664
47	27	96 356	5 577,219	78 007,203	13,987	13,518
48	28	96 107	5 235,591	72 429,983	13,834	13,366
49	29	95 829	4 913,372	67 194,392	13,676	13,207
50	30	95 520	4 609,417	62 281,020	13,512	13,043
51	31	95 172	4 322,482	57 671,603	13,342	12,874
52	32	94 790	4 051,885	53 349,121	13,166	12,698
53	33	94 365	3 796,447	49 297,236	12,985	12,517
54	34	93 888	3 555,061	45 500,789	12,799	12,331
55	35	93 351	3 326,800	41 945,728	12,608	12,140
56	36	92 761	3 111,311	38 618,928	12,412	11,944
57	37	92 107	2 907,669	35 507,617	12,212	11,743
58	38	91 389	2 715,274	32 599,948	12,006	11,538
59	39	90 589	2 533,179	29 884,674	11,797	11,329
60	40	89 725	2 361,440	27 351,495	11,583	11,114
61	41	88 782	2 199,173	24 990,055	11,363	10,895
62	42	87 756	2 045,896	22 790,882	11,140	10,671
63	43	86 639	1 901,045	20 744,986	10,912	10,444
64	44	85 437	1 764,395	18 843,941	10,680	10,212
65	45	84 138	1 635,350	17 079,546	10,444	9,976
66	46	82 745	1 513,672	15 444,196	10,203	9,735
67	47	81 272	1 399,269	13 930,524	9,956	9,487
68	48	79 700	1 291,487	12 531,255	9,703	9,235
69	49	78 047	1 190,303	11 239,768	9,443	8,974
70	50	76 266	1 094,731	10 049,466	9,180	8,711
71	51	74 427	1 005,488	8 954,735	8,906	8,438
72	52	72 438	921,047	7 949,247	8,631	8,162
73	53	70 377	842,200	7 028,200	8,345	7,877
74	54	68 178	767,896	6 185,999	8,056	7,587
75	55	65 868	698,237	5 418,103	7,760	7,291
76	56	63 447	633,008	4 719,866	7,456	6,988
77	57	60 870	571,574	4 086,858	7,150	6,682
78	58	58 163	514,035	3 515,283	6,839	6,370
79	59	55 277	459,791	3 001,249	6,527	6,059
80	60	52 241	408,971	2 541,458	6,214	5,746
81	61	49 033	361,280	2 132,487	5,903	5,434
82	62	45 608	316,277	1 771,208	5,600	5,132
83	63	42 035	274,351	1 454,931	5,303	4,835
84	64	38 350	235,577	1 180,580	5,011	4,543
85	65	34 562	199,819	945,002	4,729	4,261
86	66	30 697	167,036	745,184	4,461	3,993
87	67	26 847	137,490	578,148	4,205	3,737
88	68	23 079	111,243	440,658	3,961	3,493
89	69	19 442	88,197	329,415	3,735	3,267
90	70	16 044	68,502	241,218	3,521	3,053
91	71	12 966	52,102	172,716	3,315	2,847
92	72	10 242	38,737	120,613	3,114	2,645
93	73	7 816	27,823	81,876	2,943	2,474
94	74	5 817	19,487	54,053	2,774	2,305
95	75	4 170	13,149	34,566	2,629	2,160
96	76	2 903	8,616	21,417	2,486	2,017
97	77	1 925	5,377	12,801	2,381	1,912
98	78	1 247	3,277	7,424	2,265	1,797
99	79	775	1,917	4,147	2,163	1,694
100	80	463	1,077	2,229	2,070	1,601

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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21	0	99 301	27 800,145	449 594,947	16,172	15,704
22	1	98 963	26 075,637	421 794,802	16,176	15,707
23	2	98 893	24 524,560	395 719,165	16,136	15,667
24	3	98 841	23 069,620	371 194,605	16,090	15,622
25	4	98 783	21 700,035	348 124,985	16,043	15,574
26	5	98 731	20 412,665	326 424,951	15,991	15,523
27	6	98 677	19 201,394	306 012,286	15,937	15,469
28	7	98 622	18 061,956	286 810,892	15,879	15,411
29	8	98 570	16 990,456	268 748,936	15,818	15,349
30	9	98 512	15 981,562	251 758,480	15,753	15,285
31	10	98 450	15 032,106	235 776,918	15,685	15,217
32	11	98 384	14 138,325	220 744,812	15,613	15,145
33	12	98 314	13 297,194	206 606,487	15,538	15,069
34	13	98 234	12 504,867	193 309,294	15,459	14,990
35	14	98 149	11 759,121	180 804,427	15,376	14,907
36	15	98 062	11 057,510	169 045,306	15,288	14,819
37	16	97 965	10 396,858	157 987,796	15,196	14,727
38	17	97 855	9 774,251	147 590,937	15,100	14,632
39	18	97 737	9 188,222	137 816,686	14,999	14,531
40	19	97 609	8 636,403	128 628,464	14,894	14,425
41	20	97 471	8 116,900	119 992,061	14,783	14,315
42	21	97 323	7 627,835	111 875,161	14,667	14,198
43	22	97 167	7 167,613	104 247,326	14,544	14,076
44	23	97 002	6 734,505	97 079,712	14,415	13,947
45	24	96 810	6 325,823	90 345,207	14,282	13,814
46	25	96 603	5 940,985	84 019,384	14,142	13,674
47	26	96 374	5 578,269	78 078,399	13,997	13,529
48	27	96 128	5 236,718	72 500,130	13,845	13,376
49	28	95 852	4 914,530	67 263,412	13,687	13,218
50	29	95 544	4 610,610	62 348,882	13,523	13,055
51	30	95 202	4 323,853	57 738,272	13,353	12,885
52	31	94 820	4 053,158	53 414,419	13,178	12,710
53	32	94 397	3 797,748	49 361,261	12,998	12,529
54	33	93 922	3 556,342	45 563,512	12,812	12,344
55	34	93 389	3 328,152	42 007,170	12,622	12,153
56	35	92 799	3 112,593	38 679,018	12,427	11,958
57	36	92 150	2 909,003	35 566,425	12,226	11,758
58	37	91 432	2 716,564	32 657,422	12,022	11,553
59	38	90 643	2 534,708	29 940,859	11,812	11,344
60	39	89 779	2 362,861	27 406,151	11,599	11,130
61	40	88 843	2 200,682	25 043,290	11,380	10,911
62	41	87 821	2 047,411	22 842,608	11,157	10,688
63	42	86 708	1 902,556	20 795,197	10,930	10,462
64	43	85 515	1 765,998	18 892,641	10,698	10,230
65	44	84 220	1 636,939	17 126,643	10,463	9,994
66	45	82 840	1 515,418	15 489,704	10,221	9,753
67	46	81 371	1 400,975	13 974,286	9,975	9,506
68	47	79 809	1 293,259	12 573,311	9,722	9,254
69	48	78 171	1 192,203	11 280,052	9,462	8,993
70	49	76 400	1 096,648	10 087,849	9,199	8,730
71	50	74 565	1 007,355	8 991,202	8,926	8,457
72	51	72 593	923,025	7 983,846	8,650	8,181
73	52	70 541	844,170	7 060,822	8,364	7,896
74	53	68 353	769,873	6 216,652	8,075	7,607
75	54	66 059	700,260	5 446,779	7,778	7,310
76	55	63 653	635,069	4 746,519	7,474	7,006
77	56	61 088	573,626	4 111,449	7,167	6,699
78	57	58 393	516,060	3 537,823	6,855	6,387
79	58	55 519	461,799	3 021,764	6,543	6,075
80	59	52 488	410,905	2 559,964	6,230	5,762
81	60	49 293	363,196	2 149,060	5,917	5,449
82	61	45 869	318,085	1 785,864	5,614	5,146
83	62	42 294	276,045	1 467,779	5,317	4,849
84	63	38 610	237,178	1 191,734	5,025	4,556
85	64	34 822	201,323	954,556	4,741	4,273
86	65	30 944	168,378	753,233	4,473	4,005
87	66	27 084	138,705	584,855	4,217	3,748
88	67	23 300	112,308	446,150	3,973	3,504
89	68	19 647	89,130	333,842	3,746	3,277
90	69	16 231	69,303	244,712	3,531	3,063
91	70	13 131	52,767	175,409	3,324	2,856
92	71	10 384	39,275	122,642	3,123	2,654
93	72	7 934	28,241	83,367	2,952	2,484
94	73	5 914	19,812	55,125	2,782	2,314
95	74	4 246	13,388	35,313	2,638	2,169
96	75	2 960	8,785	21,925	2,496	2,027
97	76	1 967	5,495	13,140	2,391	1,923
98	77	1 277	3,357	7,644	2,277	1,809
99	78	797	1,971	4,287	2,175	1,706
100	79	478	1,112	2,316	2,082	1,614

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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22	0	99 261	26 154,239	421 975,584	16,134	15,666
23	1	98 918	24 530,642	395 821,345	16,136	15,667
24	2	98 853	23 072,486	371 290,703	16,092	15,624
25	3	98 794	21 702,273	348 218,217	16,045	15,577
26	4	98 740	20 414,618	326 515,944	15,994	15,526
27	5	98 685	19 203,104	306 101,326	15,940	15,472
28	6	98 631	18 063,554	286 898,222	15,883	15,414
29	7	98 574	16 991,245	268 834,668	15,822	15,354
30	8	98 518	15 982,676	251 843,423	15,757	15,289
31	9	98 456	15 033,026	235 860,747	15,690	15,221
32	10	98 390	14 139,152	220 827,721	15,618	15,150
33	11	98 322	13 298,222	206 688,569	15,543	15,074
34	12	98 242	12 505,849	193 390,347	15,464	14,996
35	13	98 159	11 760,229	180 884,499	15,381	14,913
36	14	98 071	11 058,530	169 124,269	15,294	14,825
37	15	97 977	10 398,124	158 065,740	15,201	14,733
38	16	97 869	9 775,691	147 667,616	15,106	14,637
39	17	97 751	9 189,473	137 891,926	15,005	14,537
40	18	97 628	8 638,105	128 702,452	14,899	14,431
41	19	97 488	8 118,319	120 064,347	14,789	14,321
42	20	97 341	7 629,246	111 946,028	14,673	14,205
43	21	97 183	7 168,795	104 316,783	14,552	14,083
44	22	97 017	6 735,602	97 147,987	14,423	13,955
45	23	96 827	6 326,962	90 412,385	14,290	13,822
46	24	96 620	5 942,054	84 085,424	14,151	13,683
47	25	96 392	5 579,331	78 143,370	14,006	13,538
48	26	96 146	5 237,704	72 564,039	13,854	13,386
49	27	95 872	4 915,588	67 326,335	13,696	13,228
50	28	95 567	4 611,697	62 410,747	13,533	13,065
51	29	95 227	4 324,972	57 799,051	13,364	12,896
52	30	94 850	4 054,444	53 474,078	13,189	12,721
53	31	94 427	3 798,941	49 419,635	13,009	12,540
54	32	93 954	3 557,561	45 620,693	12,824	12,355
55	33	93 422	3 329,351	42 063,132	12,634	12,166
56	34	92 837	3 113,858	38 733,781	12,439	11,971
57	35	92 188	2 910,202	35 619,923	12,240	11,771
58	36	91 474	2 717,810	32 709,721	12,035	11,567
59	37	90 686	2 535,912	29 991,911	11,827	11,359
60	38	89 833	2 364,287	27 456,000	11,613	11,144
61	39	88 896	2 202,006	25 091,713	11,395	10,927
62	40	87 881	2 048,816	22 889,707	11,172	10,704
63	41	86 772	1 903,965	20 840,891	10,946	10,478
64	42	85 583	1 767,401	18 936,926	10,715	10,246
65	43	84 296	1 638,427	17 169,525	10,479	10,011
66	44	82 921	1 516,890	15 531,098	10,239	9,770
67	45	81 465	1 402,591	14 014,208	9,992	9,523
68	46	79 907	1 294,835	12 611,617	9,740	9,272
69	47	78 279	1 193,839	11 316,782	9,479	9,011
70	48	76 522	1 098,398	10 122,943	9,216	8,748
71	49	74 696	1 009,119	9 024,544	8,943	8,475
72	50	72 728	924,739	8 015,425	8,668	8,199
73	51	70 693	845,982	7 090,686	8,382	7,913
74	52	68 513	771,673	6 244,704	8,092	7,624
75	53	66 229	702,063	5 473,030	7,796	7,327
76	54	63 838	636,909	4 770,968	7,491	7,022
77	55	61 287	575,494	4 134,059	7,183	6,715
78	56	58 602	517,912	3 558,565	6,871	6,403
79	57	55 737	463,619	3 040,653	6,559	6,090
80	58	52 717	412,700	2 577,034	6,244	5,776
81	59	49 526	364,913	2 164,334	5,931	5,463
82	60	46 112	319,772	1 799,421	5,627	5,159
83	61	42 536	277,623	1 479,649	5,330	4,861
84	62	38 849	238,642	1 202,025	5,037	4,569
85	63	35 059	202,691	963,384	4,753	4,285
86	64	31 177	169,646	760,693	4,484	4,016
87	65	27 301	139,820	591,047	4,227	3,759
88	66	23 506	113,300	451,227	3,983	3,514
89	67	19 835	89,983	337,927	3,755	3,287
90	68	16 403	70,036	247,944	3,540	3,072
91	69	13 284	53,384	177,908	3,333	2,864
92	70	10 517	39,776	124,524	3,131	2,662
93	71	8 044	28,634	84,748	2,960	2,491
94	72	6 003	20,110	56,114	2,790	2,322
95	73	4 317	13,612	36,004	2,645	2,177
96	74	3 014	8,945	22,392	2,503	2,035
97	75	2 006	5,603	13,447	2,400	1,932
98	76	1 305	3,431	7,844	2,286	1,818
99	77	816	2,020	4,413	2,185	1,717
100	78	491	1,143	2,393	2,093	1,625

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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23	0	99 216	24 604,587	395 988,586	16,094	15,626
24	1	98 877	23 078,208	371 383,999	16,092	15,624
25	2	98 806	21 704,969	348 305,791	16,047	15,579
26	3	98 750	20 416,724	326 600,822	15,997	15,528
27	4	98 695	19 204,942	306 184,098	15,943	15,475
28	5	98 640	18 065,163	286 979,157	15,886	15,417
29	6	98 583	16 992,749	268 913,994	15,825	15,357
30	7	98 523	15 983,418	251 921,245	15,761	15,293
31	8	98 463	15 034,074	235 937,827	15,694	15,225
32	9	98 396	14 140,017	220 903,753	15,623	15,154
33	10	98 327	13 299,000	206 763,736	15,547	15,079
34	11	98 250	12 506,816	193 464,737	15,469	15,000
35	12	98 166	11 761,153	180 957,921	15,386	14,918
36	13	98 080	11 059,572	169 196,768	15,299	14,830
37	14	97 986	10 399,082	158 137,196	15,207	14,738
38	15	97 881	9 776,880	147 738,114	15,111	14,643
39	16	97 765	9 190,827	137 961,234	15,011	14,542
40	17	97 642	8 639,281	128 770,407	14,905	14,437
41	18	97 508	8 119,918	120 131,126	14,795	14,326
42	19	97 358	7 630,579	112 011,207	14,679	14,211
43	20	97 201	7 170,121	104 380,628	14,558	14,089
44	21	97 033	6 736,713	97 210,507	14,430	13,962
45	22	96 843	6 327,992	90 473,794	14,297	13,829
46	23	96 638	5 943,124	84 145,802	14,159	13,690
47	24	96 410	5 580,335	78 202,678	14,014	13,546
48	25	96 164	5 238,700	72 622,344	13,863	13,394
49	26	95 890	4 916,513	67 383,643	13,706	13,237
50	27	95 588	4 612,689	62 467,130	13,542	13,074
51	28	95 249	4 325,992	57 854,441	13,374	12,905
52	29	94 874	4 055,493	53 528,449	13,199	12,731
53	30	94 457	3 800,146	49 472,956	13,019	12,550
54	31	93 983	3 558,679	45 672,810	12,834	12,366
55	32	93 454	3 330,492	42 114,131	12,645	12,177
56	33	92 870	3 114,980	38 783,638	12,451	11,982
57	34	92 225	2 911,384	35 668,658	12,251	11,783
58	35	91 512	2 718,930	32 757,274	12,048	11,579
59	36	90 728	2 537,075	30 038,344	11,840	11,371
60	37	89 876	2 365,410	27 501,269	11,626	11,158
61	38	88 950	2 203,335	25 135,859	11,408	10,940
62	39	87 934	2 050,049	22 932,525	11,186	10,718
63	40	86 832	1 905,271	20 882,476	10,960	10,492
64	41	85 646	1 768,711	18 977,205	10,729	10,261
65	42	84 363	1 639,728	17 208,494	10,495	10,026
66	43	82 996	1 518,269	15 568,766	10,254	9,786
67	44	81 544	1 403,953	14 050,497	10,008	9,539
68	45	79 999	1 296,329	12 646,543	9,756	9,287
69	46	78 374	1 195,294	11 350,214	9,496	9,027
70	47	76 627	1 099,906	10 154,920	9,233	8,764
71	48	74 815	1 010,730	9 055,015	8,959	8,491
72	49	72 856	926,358	8 044,284	8,684	8,215
73	50	70 824	847,553	7 117,926	8,398	7,930
74	51	68 660	773,331	6 270,373	8,108	7,640
75	52	66 384	703,704	5 497,043	7,812	7,343
76	53	64 002	638,549	4 793,338	7,507	7,038
77	54	61 465	577,161	4 154,789	7,199	6,730
78	55	58 793	519,599	3 577,629	6,885	6,417
79	56	55 938	465,283	3 058,030	6,572	6,104
80	57	52 925	414,326	2 592,747	6,258	5,789
81	58	49 742	366,507	2 178,421	5,944	5,475
82	59	46 330	321,285	1 811,914	5,640	5,171
83	60	42 762	279,096	1 490,630	5,341	4,873
84	61	39 071	240,007	1 211,534	5,048	4,580
85	62	35 275	203,942	971,527	4,764	4,295
86	63	31 389	170,798	767,585	4,494	4,026
87	64	27 507	140,872	596,787	4,236	3,768
88	65	23 695	114,211	455,915	3,992	3,524
89	66	20 011	90,779	341,704	3,764	3,296
90	67	16 560	70,707	250,925	3,549	3,080
91	68	13 425	53,948	180,219	3,341	2,872
92	69	10 640	40,241	126,270	3,138	2,669
93	70	8 147	28,999	86,029	2,967	2,498
94	71	6 086	20,389	57,030	2,797	2,329
95	72	4 382	13,817	36,641	2,652	2,184
96	73	3 064	9,094	22,824	2,510	2,041
97	74	2 042	5,705	13,730	2,407	1,938
98	75	1 331	3,498	8,025	2,294	1,825
99	76	834	2,064	4,526	2,193	1,725
100	77	503	1,171	2,462	2,102	1,634

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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24	0	99 175	23 147,775	371 538,738	16,051	15,582
25	1	98 830	21 710,352	348 390,963	16,047	15,579
26	2	98 763	20 419,260	326 680,611	15,999	15,530
27	3	98 705	19 206,923	306 261,351	15,945	15,477
28	4	98 649	18 066,892	287 054,428	15,888	15,420
29	5	98 592	16 994,263	268 987,537	15,828	15,360
30	6	98 532	15 984,832	251 993,274	15,765	15,296
31	7	98 468	15 034,772	236 008,442	15,698	15,229
32	8	98 403	14 141,002	220 973,670	15,626	15,158
33	9	98 333	13 299,813	206 832,668	15,552	15,083
34	10	98 255	12 507,547	193 532,854	15,473	15,005
35	11	98 174	11 762,062	181 025,307	15,391	14,922
36	12	98 088	11 060,440	169 263,244	15,303	14,835
37	13	97 996	10 400,062	158 202,804	15,212	14,743
38	14	97 890	9 777,782	147 802,742	15,116	14,648
39	15	97 777	9 191,945	138 024,960	15,016	14,548
40	16	97 656	8 640,554	128 833,015	14,910	14,442
41	17	97 521	8 121,024	120 192,461	14,800	14,332
42	18	97 377	7 632,083	112 071,437	14,684	14,216
43	19	97 218	7 171,375	104 439,354	14,563	14,095
44	20	97 051	6 737,959	97 267,980	14,436	13,967
45	21	96 859	6 329,036	90 530,021	14,304	13,836
46	22	96 653	5 944,092	84 200,986	14,165	13,697
47	23	96 427	5 581,339	78 256,894	14,021	13,553
48	24	96 181	5 239,643	72 675,555	13,870	13,402
49	25	95 909	4 917,448	67 435,912	13,714	13,245
50	26	95 605	4 613,557	62 518,463	13,551	13,083
51	27	95 270	4 326,923	57 904,906	13,382	12,914
52	28	94 897	4 056,449	53 577,983	13,208	12,740
53	29	94 481	3 801,130	49 521,534	13,028	12,560
54	30	94 013	3 559,808	45 720,404	12,844	12,375
55	31	93 484	3 331,539	42 160,596	12,655	12,187
56	32	92 902	3 116,048	38 829,058	12,461	11,993
57	33	92 258	2 912,433	35 713,010	12,262	11,794
58	34	91 549	2 720,035	32 800,577	12,059	11,591
59	35	90 765	2 538,121	30 080,542	11,852	11,383
60	36	89 917	2 366,495	27 542,421	11,638	11,170
61	37	88 992	2 204,381	25 175,926	11,421	10,953
62	38	87 987	2 051,286	22 971,545	11,199	10,730
63	39	86 884	1 906,417	20 920,259	10,974	10,505
64	40	85 705	1 769,924	19 013,842	10,743	10,274
65	41	84 426	1 640,943	17 243,918	10,509	10,040
66	42	83 062	1 519,475	15 602,974	10,269	9,800
67	43	81 618	1 405,230	14 083,499	10,022	9,554
68	44	80 076	1 297,588	12 678,270	9,771	9,302
69	45	78 464	1 196,673	11 380,682	9,510	9,042
70	46	76 720	1 101,246	10 184,008	9,248	8,779
71	47	74 918	1 012,117	9 082,762	8,974	8,506
72	48	72 972	927,837	8 070,645	8,698	8,230
73	49	70 948	849,037	7 142,808	8,413	7,944
74	50	68 788	774,766	6 293,770	8,123	7,655
75	51	66 526	705,215	5 519,004	7,826	7,358
76	52	64 152	640,042	4 813,789	7,521	7,053
77	53	61 623	578,647	4 173,747	7,213	6,745
78	54	58 963	521,104	3 595,100	6,899	6,431
79	55	56 120	466,798	3 073,996	6,585	6,117
80	56	53 114	415,813	2 607,198	6,270	5,802
81	57	49 938	367,951	2 191,385	5,956	5,487
82	58	46 532	322,688	1 823,434	5,651	5,182
83	59	42 964	280,416	1 500,746	5,352	4,884
84	60	39 278	241,280	1 220,331	5,058	4,589
85	61	35 477	205,108	979,051	4,773	4,305
86	62	31 582	171,852	773,943	4,504	4,035
87	63	27 694	141,830	602,091	4,245	3,777
88	64	23 873	115,071	460,261	4,000	3,531
89	65	20 171	91,508	345,190	3,772	3,304
90	66	16 707	71,332	253,682	3,556	3,088
91	67	13 553	54,465	182,351	3,348	2,880
92	68	10 752	40,667	127,886	3,145	2,676
93	69	8 242	29,338	87,219	2,973	2,505
94	70	6 164	20,650	57,881	2,803	2,335
95	71	4 443	14,008	37,231	2,658	2,189
96	72	3 110	9,231	23,223	2,516	2,047
97	73	2 077	5,800	13,992	2,412	1,944
98	74	1 355	3,562	8,192	2,300	1,831
99	75	851	2,105	4,630	2,200	1,732
100	76	514	1,197	2,525	2,110	1,641

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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25	0	99 128	21 775,796	348 534,152	16,006	15,537
26	1	98 787	20 424,324	326 758,356	15,998	15,530
27	2	98 717	19 209,309	306 334,032	15,947	15,479
28	3	98 659	18 068,755	287 124,723	15,891	15,422
29	4	98 601	16 995,889	269 055,968	15,831	15,362
30	5	98 541	15 986,256	252 060,079	15,767	15,299
31	6	98 476	15 036,102	236 073,823	15,700	15,232
32	7	98 407	14 141,659	221 037,720	15,630	15,162
33	8	98 340	13 300,740	206 896,061	15,555	15,087
34	9	98 261	12 508,313	193 595,321	15,477	15,009
35	10	98 180	11 762,751	181 087,009	15,395	14,927
36	11	98 095	11 061,295	169 324,258	15,308	14,839
37	12	98 003	10 400,879	158 262,963	15,216	14,748
38	13	97 900	9 778,703	147 862,084	15,121	14,652
39	14	97 786	9 192,793	138 083,381	15,021	14,552
40	15	97 668	8 641,605	128 890,588	14,915	14,447
41	16	97 535	8 122,220	120 248,983	14,805	14,337
42	17	97 391	7 633,122	112 126,763	14,690	14,221
43	18	97 237	7 172,788	104 493,640	14,568	14,100
44	19	97 068	6 739,136	97 320,853	14,441	13,973
45	20	96 877	6 330,206	90 581,716	14,309	13,841
46	21	96 669	5 945,072	84 251,510	14,172	13,703
47	22	96 443	5 582,248	78 306,438	14,028	13,559
48	23	96 199	5 240,586	72 724,191	13,877	13,409
49	24	95 926	4 918,333	67 483,604	13,721	13,252
50	25	95 624	4 614,435	62 565,271	13,559	13,090
51	26	95 288	4 327,737	57 950,836	13,391	12,922
52	27	94 917	4 057,322	53 623,098	13,216	12,748
53	28	94 504	3 802,026	49 565,776	13,037	12,568
54	29	94 038	3 560,729	45 763,750	12,852	12,384
55	30	93 513	3 332,595	42 203,021	12,664	12,195
56	31	92 931	3 117,026	38 870,426	12,470	12,002
57	32	92 290	2 913,432	35 753,399	12,272	11,804
58	33	91 582	2 721,015	32 839,968	12,069	11,601
59	34	90 802	2 539,152	30 118,953	11,862	11,393
60	35	89 954	2 367,470	27 579,801	11,649	11,181
61	36	89 033	2 205,392	25 212,330	11,432	10,964
62	37	88 029	2 052,260	23 006,938	11,211	10,742
63	38	86 937	1 907,568	20 954,678	10,985	10,517
64	39	85 757	1 770,989	19 047,110	10,755	10,287
65	40	84 484	1 642,069	17 276,121	10,521	10,053
66	41	83 124	1 520,601	15 634,052	10,281	9,813
67	42	81 683	1 406,346	14 113,451	10,036	9,567
68	43	80 149	1 298,768	12 707,105	9,784	9,316
69	44	78 541	1 197,836	11 408,338	9,524	9,056
70	45	76 809	1 102,517	10 210,502	9,261	8,793
71	46	75 009	1 013,351	9 107,985	8,988	8,520
72	47	73 072	929,110	8 094,634	8,712	8,244
73	48	71 061	850,393	7 165,524	8,426	7,958
74	49	68 908	776,123	6 315,131	8,137	7,668
75	50	66 650	706,525	5 539,008	7,840	7,371
76	51	64 289	641,416	4 832,483	7,534	7,066
77	52	61 767	580,000	4 191,067	7,226	6,758
78	53	59 115	522,445	3 611,067	6,912	6,444
79	54	56 282	468,150	3 088,622	6,598	6,129
80	55	53 287	417,167	2 620,471	6,282	5,813
81	56	50 118	369,272	2 203,305	5,967	5,498
82	57	46 716	323,959	1 834,033	5,661	5,193
83	58	43 152	281,640	1 510,073	5,362	4,893
84	59	39 464	242,420	1 228,433	5,067	4,599
85	60	35 665	206,196	986,012	4,782	4,314
86	61	31 763	172,835	779,816	4,512	4,044
87	62	27 865	142,705	606,981	4,253	3,785
88	63	24 035	115,853	464,276	4,007	3,539
89	64	20 323	92,197	348,424	3,779	3,311
90	65	16 841	71,905	256,227	3,563	3,095
91	66	13 673	54,946	184,322	3,355	2,886
92	67	10 855	41,056	129,376	3,151	2,683
93	68	8 329	29,648	88,320	2,979	2,511
94	69	6 236	20,891	58,671	2,808	2,340
95	70	4 499	14,187	37,780	2,663	2,195
96	71	3 154	9,359	23,593	2,521	2,052
97	72	2 108	5,887	14,234	2,418	1,949
98	73	1 378	3,621	8,346	2,305	1,836
99	74	866	2,143	4,725	2,205	1,737
100	75	524	1,221	2,582	2,116	1,647

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	1 601 903,878	16,019	15,550	50	50	94 053	4 035,436	50 667,255	12,556	12,087
1	1	99 344	93 281,042	1 501 903,878	16,101	15,632	51	51	93 566	3 769,547	46 631,819	12,371	11,902
2	2	99 292	87 541,912	1 408 622,836	16,091	15,622	52	52	93 020	3 518,822	42 862,272	12,181	11,712
3	3	99 264	82 175,937	1 321 080,924	16,076	15,608	53	53	92 419	3 282,701	39 343,450	11,985	11,516
4	4	99 243	77 144,141	1 238 904,988	16,060	15,591	54	54	91 749	3 059,992	36 060,749	11,785	11,316
5	5	99 223	72 421,166	1 161 760,846	16,042	15,573	55	55	90 997	2 849,701	33 000,758	11,580	11,112
6	6	99 204	67 988,207	1 089 339,680	16,022	15,554	56	56	90 166	2 651,322	30 151,057	11,372	10,903
7	7	99 187	63 827,242	1 021 351,473	16,002	15,533	57	57	89 251	2 464,259	27 499,735	11,159	10,691
8	8	99 174	59 923,736	957 524,231	15,979	15,510	58	58	88 249	2 287,879	25 035,476	10,943	10,474
9	9	99 158	56 257,687	897 600,494	15,955	15,486	59	59	87 149	2 121,454	22 747,597	10,723	10,254
10	10	99 144	52 816,661	841 342,808	15,929	15,461	60	60	85 963	1 964,881	20 626,143	10,497	10,029
11	11	99 130	49 586,279	788 526,146	15,902	15,433	61	61	84 669	1 817,183	18 661,262	10,269	9,801
12	12	99 115	46 552,683	738 939,867	15,873	15,404	62	62	83 277	1 678,214	16 844,079	10,037	9,568
13	13	99 101	43 704,998	692 387,184	15,842	15,374	63	63	81 777	1 547,420	15 165,865	9,801	9,332
14	14	99 082	41 029,756	648 682,186	15,810	15,341	64	64	80 171	1 424,440	13 618,446	9,561	9,092
15	15	99 059	38 516,814	607 652,430	15,776	15,308	65	65	78 438	1 308,588	12 194,005	9,318	8,850
16	16	99 031	36 155,841	569 135,616	15,741	15,272	66	66	76 613	1 200,130	10 885,418	9,070	8,601
17	17	98 992	33 935,748	532 979,775	15,706	15,237	67	67	74 681	1 098,460	9 685,287	8,817	8,348
18	18	98 951	31 851,459	499 044,027	15,668	15,199	68	68	72 641	1 003,252	8 586,827	8,559	8,090
19	19	98 894	29 890,124	467 192,568	15,630	15,162	69	69	70 502	914,283	7 583,575	8,295	7,826
20	20	98 837	28 049,779	437 302,444	15,590	15,121	70	70	68 217	830,658	6 669,292	8,029	7,560
21	21	98 777	26 321,580	409 252,665	15,548	15,079	71	71	65 856	752,958	5 838,634	7,754	7,286
22	22	98 720	24 701,009	382 931,084	15,503	15,034	72	72	63 353	680,134	5 085,676	7,477	7,009
23	23	98 659	23 179,139	358 230,075	15,455	14,986	73	73	60 780	612,689	4 405,542	7,190	6,722
24	24	98 601	21 751,621	335 050,936	15,403	14,935	74	74	58 064	549,585	3 792,853	6,901	6,433
25	25	98 537	20 410,686	313 299,315	15,350	14,881	75	75	55 255	491,079	3 243,268	6,604	6,136
26	26	98 475	19 152,926	292 888,629	15,292	14,823	76	76	52 370	437,034	2 752,189	6,297	5,829
27	27	98 411	17 972,333	273 735,702	15,231	14,762	77	77	49 336	386,586	2 315,154	5,989	5,520
28	28	98 344	16 864,007	255 763,369	15,166	14,697	78	78	46 202	339,933	1 928,568	5,673	5,205
29	29	98 274	15 823,341	238 899,362	15,098	14,629	79	79	42 891	296,310	1 588,636	5,361	4,893
30	30	98 197	14 846,004	223 076,021	15,026	14,557	80	80	39 447	255,885	1 292,326	5,050	4,582
31	31	98 111	13 927,666	208 230,016	14,951	14,482	81	81	35 864	218,445	1 036,441	4,745	4,276
32	32	98 019	13 065,463	194 302,350	14,871	14,403	82	82	32 118	183,688	817,996	4,453	3,984
33	33	97 924	12 256,062	181 236,887	14,788	14,319	83	83	28 314	152,048	634,308	4,172	3,703
34	34	97 817	11 495,475	168 980,826	14,700	14,231	84	84	24 532	123,700	482,261	3,899	3,430
35	35	97 702	10 781,188	157 485,350	14,607	14,139	85	85	20 824	98,593	358,560	3,637	3,168
36	36	97 583	10 110,891	146 704,162	14,510	14,041	86	86	17 225	76,575	259,968	3,395	2,926
37	37	97 455	9 481,286	136 593,271	14,407	13,938	87	87	13 872	57,908	183,392	3,167	2,698
38	38	97 313	8 889,671	127 111,985	14,299	13,830	88	88	10 836	42,474	125,485	2,954	2,486
39	39	97 150	8 333,167	118 222,314	14,187	13,718	89	89	8 172	30,074	83,011	2,760	2,291
40	40	96 984	7 811,155	109 889,147	14,068	13,599	90	90	5 939	20,522	52,937	2,579	2,111
41	41	96 797	7 320,317	102 077,992	13,944	13,476	91	91	4 144	13,445	32,415	2,411	1,942
42	42	96 597	6 859,288	94 757,675	13,815	13,346	92	92	2 762	8,416	18,969	2,254	1,785
43	43	96 381	6 426,261	87 898,387	13,678	13,209	93	93	1 739	4,974	10,553	2,122	1,653
44	44	96 145	6 019,286	81 472,126	13,535	13,066	94	94	1 041	2,795	5,579	1,996	1,527
45	45	95 879	5 636,274	75 452,839	13,387	12,918	95	95	585	1,475	2,784	1,888	1,419
46	46	95 581	5 275,824	69 816,565	13,233	12,765	96	96	310	0,735	1,310	1,783	1,314
47	47	95 257	4 937,012	64 540,741	13,073	12,604	97	97	150	0,334	0,575	1,722	1,253
48	48	94 901	4 618,378	59 603,728	12,906	12,437	98	98	70	0,146	0,241	1,654	1,185
49	49	94 498	4 318,095	54 985,350	12,734	12,265	99	99	31	0,060	0,095	1,586	1,117
							100	100	13	0,023	0,035	1,527	1,058

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 699	99 699,466	1 600 961,957	16,058	15,589	50	51	93 878	4 027,958	50 293,525	12,486	12,017
1	2	99 320	93 257,914	1 501 262,491	16,098	15,629	51	52	93 366	3 761,470	46 265,568	12,300	11,831
2	3	99 280	87 531,037	1 408 004,577	16,086	15,617	52	53	92 803	3 510,613	42 504,098	12,107	11,639
3	4	99 254	82 167,462	1 320 473,540	16,071	15,602	53	54	92 182	3 274,272	38 993,485	11,909	11,440
4	5	99 234	77 136,760	1 238 306,078	16,053	15,585	54	55	91 483	3 051,152	35 719,213	11,707	11,238
5	6	99 214	72 414,715	1 161 169,318	16,035	15,566	55	56	90 702	2 840,452	32 668,061	11,501	11,032
6	7	99 196	67 982,193	1 088 754,603	16,015	15,547	56	57	89 843	2 641,838	29 827,609	11,290	10,822
7	8	99 182	63 824,277	1 020 772,411	15,993	15,525	57	58	88 901	2 454,589	27 185,770	11,075	10,607
8	9	99 167	59 919,561	956 948,134	15,971	15,502	58	59	87 865	2 277,928	24 731,182	10,857	10,388
9	10	99 152	56 254,245	897 028,573	15,946	15,477	59	60	86 738	2 111,469	22 453,254	10,634	10,165
10	11	99 138	52 813,572	840 774,328	15,920	15,451	60	61	85 510	1 954,515	20 341,784	10,408	9,939
11	12	99 123	49 582,445	787 960,756	15,892	15,423	61	62	84 188	1 806,850	18 387,270	10,176	9,708
12	13	99 107	46 549,027	738 378,311	15,862	15,394	62	63	82 766	1 667,919	16 580,419	9,941	9,472
13	14	99 091	43 700,880	691 829,284	15,831	15,362	63	64	81 226	1 536,976	14 912,500	9,702	9,234
14	15	99 073	41 025,973	648 128,404	15,798	15,329	64	65	79 572	1 413,796	13 375,524	9,461	8,992
15	16	99 047	38 512,128	607 102,431	15,764	15,295	65	66	77 813	1 298,158	11 961,728	9,214	8,746
16	17	99 017	36 150,518	568 590,303	15,728	15,260	66	67	75 942	1 189,615	10 663,570	8,964	8,495
17	18	98 979	33 931,127	532 439,785	15,692	15,223	67	68	73 972	1 088,044	9 473,956	8,707	8,239
18	19	98 932	31 845,184	498 508,658	15,654	15,185	68	69	71 881	992,752	8 385,911	8,447	7,978
19	20	98 877	29 884,899	466 663,474	15,615	15,147	69	70	69 688	903,719	7 393,159	8,181	7,712
20	21	98 819	28 044,594	436 778,575	15,574	15,106	70	71	67 358	820,193	6 489,440	7,912	7,443
21	22	98 760	26 317,240	408 733,981	15,531	15,062	71	72	64 953	742,641	5 669,248	7,634	7,165
22	23	98 704	24 696,987	382 416,741	15,484	15,016	72	73	62 414	670,059	4 926,607	7,352	6,884
23	24	98 642	23 174,968	357 719,754	15,436	14,967	73	74	59 782	602,631	4 256,548	7,063	6,595
24	25	98 583	21 747,707	334 544,786	15,383	14,914	74	75	57 028	539,779	3 653,916	6,769	6,301
25	26	98 518	20 406,803	312 797,079	15,328	14,859	75	76	54 192	481,635	3 114,138	6,466	5,997
26	27	98 456	19 149,322	292 390,276	15,269	14,800	76	77	51 241	427,609	2 632,503	6,156	5,688
27	28	98 390	17 968,466	273 240,954	15,207	14,738	77	78	48 162	377,387	2 204,893	5,843	5,374
28	29	98 321	16 860,033	255 272,488	15,141	14,672	78	79	44 934	330,602	1 827,507	5,528	5,059
29	30	98 248	15 819,247	238 412,454	15,071	14,602	79	80	41 544	287,001	1 496,904	5,216	4,747
30	31	98 166	14 841,296	222 593,207	14,998	14,529	80	81	38 009	246,555	1 209,903	4,907	4,438
31	32	98 080	13 923,293	207 751,911	14,921	14,452	81	82	34 334	209,123	963,348	4,607	4,138
32	33	97 986	13 060,986	193 828,618	14,840	14,372	82	83	30 532	174,618	754,225	4,319	3,851
33	34	97 888	12 251,645	180 767,632	14,755	14,286	83	84	26 708	143,425	579,608	4,041	3,572
34	35	97 777	11 490,808	168 515,987	14,665	14,197	84	85	22 934	115,640	436,183	3,772	3,303
35	36	97 662	10 776,745	157 025,179	14,571	14,102	85	86	19 239	91,088	320,543	3,519	3,050
36	37	97 539	10 106,255	146 248,434	14,471	14,002	86	87	15 723	69,899	229,456	3,283	2,814
37	38	97 408	9 476,785	136 142,178	14,366	13,897	87	88	12 486	52,120	159,556	3,061	2,593
38	39	97 254	8 884,308	126 665,393	14,257	13,788	88	89	9 599	37,623	107,436	2,856	2,387
39	40	97 092	8 328,158	117 781,084	14,143	13,674	89	90	7 113	26,179	69,813	2,667	2,198
40	41	96 917	7 805,799	109 452,927	14,022	13,553	90	91	5 063	17,496	43,634	2,494	2,025
41	42	96 726	7 314,898	101 647,128	13,896	13,427	91	92	3 449	11,191	26,139	2,336	1,867
42	43	96 520	6 853,843	94 332,230	13,763	13,295	92	93	2 244	6,838	14,947	2,186	1,717
43	44	96 293	6 420,426	87 478,387	13,625	13,156	93	94	1 375	3,934	8,109	2,061	1,592
44	45	96 052	6 013,444	81 057,961	13,479	13,011	94	95	801	2,152	4,175	1,940	1,471
45	46	95 769	5 629,780	75 044,517	13,330	12,861	95	96	437	1,102	2,023	1,836	1,367
46	47	95 465	5 269,401	69 414,737	13,173	12,704	96	97	222	0,525	0,921	1,755	1,286
47	48	95 126	4 930,247	64 145,336	13,011	12,542	97	98	105	0,234	0,396	1,693	1,224
48	49	94 750	4 611,016	59 215,089	12,842	12,373	98	99	48	0,100	0,162	1,619	1,150
49	50	94 333	4 310,547	54 604,072	12,668	12,199	99	100	20	0,040	0,062	1,556	1,087

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 675	99 674,746	1 600 263,512	16,055	15,586	50	52	93 677	4 019,327	49 888,406	12,412	11,943
1	3	99 307	93 246,329	1 500 588,766	16,093	15,624	51	53	93 148	3 752,695	45 869,080	12,223	11,754
2	4	99 270	87 522,010	1 407 342,437	16,080	15,611	52	54	92 565	3 501,598	42 116,385	12,028	11,559
3	5	99 245	82 159,600	1 319 820,427	16,064	15,595	53	55	91 915	3 264,813	38 614,786	11,828	11,359
4	6	99 225	77 129,889	1 237 660,827	16,046	15,578	54	56	91 187	3 041,250	35 349,973	11,624	11,155
5	7	99 206	72 408,309	1 160 530,938	16,028	15,559	55	57	90 377	2 830,292	32 308,723	11,415	10,947
6	8	99 191	67 979,035	1 088 122,629	16,007	15,538	56	58	89 490	2 631,471	29 478,431	11,202	10,734
7	9	99 175	63 819,829	1 020 143,594	15,985	15,516	57	59	88 514	2 443,913	26 846,959	10,985	10,516
8	10	99 161	59 915,895	956 323,765	15,961	15,492	58	60	87 452	2 267,207	24 403,047	10,763	10,295
9	11	99 146	56 250,955	896 407,870	15,936	15,467	59	61	86 281	2 100,329	22 135,840	10,539	10,070
10	12	99 131	52 809,488	840 156,915	15,909	15,440	60	62	85 024	1 943,402	20 035,510	10,310	9,841
11	13	99 115	49 578,551	787 347,427	15,881	15,412	61	63	83 671	1 795,766	18 092,109	10,075	9,606
12	14	99 098	46 544,642	737 768,876	15,851	15,382	62	64	82 207	1 656,662	16 296,342	9,837	9,368
13	15	99 082	43 696,851	691 224,234	15,819	15,350	63	65	80 619	1 525,491	14 639,680	9,597	9,128
14	16	99 061	41 020,981	647 527,383	15,785	15,317	64	66	78 938	1 402,528	13 114,189	9,350	8,882
15	17	99 032	38 506,457	606 506,402	15,751	15,282	65	67	77 131	1 286,783	11 711,662	9,102	8,633
16	18	99 003	36 145,595	567 999,945	15,714	15,245	66	68	75 222	1 178,334	10 424,878	8,847	8,378
17	19	98 959	33 924,442	531 854,350	15,678	15,209	67	69	73 198	1 076,657	9 246,544	8,588	8,119
18	20	98 915	31 839,618	497 929,908	15,639	15,170	68	70	71 050	981,282	8 169,887	8,326	7,857
19	21	98 859	29 879,374	466 090,290	15,599	15,130	69	71	68 810	892,333	7 188,605	8,056	7,587
20	22	98 803	28 039,969	436 210,916	15,557	15,088	70	72	66 435	808,955	6 296,272	7,783	7,314
21	23	98 744	26 312,955	408 170,947	15,512	15,043	71	73	63 991	731,640	5 487,318	7,500	7,031
22	24	98 686	24 692,543	381 857,991	15,465	14,996	72	74	61 390	659,059	4 755,678	7,216	6,747
23	25	98 624	23 170,798	357 165,449	15,414	14,946	73	75	58 716	591,878	4 096,619	6,921	6,453
24	26	98 565	21 743,571	333 994,651	15,361	14,892	74	76	55 931	529,398	3 504,740	6,620	6,151
25	27	98 499	20 402,963	312 251,080	15,304	14,835	75	77	53 024	471,248	2 975,343	6,314	5,845
26	28	98 435	19 145,201	291 848,118	15,244	14,775	76	78	50 022	417,434	2 504,094	5,999	5,530
27	29	98 367	17 964,232	272 702,916	15,180	14,712	77	79	46 840	367,028	2 086,660	5,685	5,217
28	30	98 296	16 855,670	254 738,684	15,113	14,644	78	80	43 522	320,217	1 719,632	5,370	4,901
29	31	98 217	15 814,230	237 883,014	15,042	14,574	79	81	40 029	276,537	1 399,416	5,061	4,592
30	32	98 135	14 836,636	222 068,784	14,968	14,499	80	82	36 387	236,033	1 122,879	4,757	4,289
31	33	98 046	13 918,522	207 232,148	14,889	14,420	81	83	32 638	198,796	886,845	4,461	3,992
32	34	97 951	13 056,280	193 313,625	14,806	14,337	82	84	28 801	164,715	688,049	4,177	3,708
33	35	97 849	12 246,671	180 257,345	14,719	14,250	83	85	24 968	134,079	523,334	3,903	3,434
34	36	97 737	11 486,072	168 010,674	14,627	14,159	84	86	21 188	106,837	389,255	3,643	3,175
35	37	97 617	10 771,804	156 524,602	14,531	14,062	85	87	17 561	83,147	282,419	3,397	2,928
36	38	97 492	10 101,458	145 752,798	14,429	13,960	86	88	14 152	62,913	199,272	3,167	2,699
37	39	97 350	9 471,069	135 651,340	14,323	13,854	87	89	11 060	46,168	136,359	2,954	2,485
38	40	97 196	8 878,968	126 180,271	14,211	13,742	88	90	8 356	32,750	90,191	2,754	2,285
39	41	97 025	8 322,447	117 301,303	14,095	13,626	89	91	6 064	22,318	57,441	2,574	2,105
40	42	96 846	7 800,021	108 978,856	13,972	13,503	90	92	4 214	14,563	35,123	2,412	1,943
41	43	96 649	7 309,092	101 178,836	13,843	13,374	91	93	2 802	9,093	20,560	2,261	1,792
42	44	96 432	6 847,619	93 869,744	13,708	13,240	92	94	1 775	5,409	11,467	2,120	1,651
43	45	96 200	6 414,194	87 022,125	13,567	13,098	93	95	1 059	3,029	6,058	2,000	1,531
44	46	95 941	6 006,515	80 607,930	13,420	12,951	94	96	599	1,608	3,029	1,884	1,415
45	47	95 652	5 622,926	74 601,415	13,267	12,799	95	97	312	0,787	1,421	1,805	1,337
46	48	95 334	5 262,180	68 978,489	13,108	12,640	96	98	155	0,368	0,634	1,723	1,255
47	49	94 975	4 922,388	63 716,309	12,944	12,475	97	99	72	0,161	0,266	1,655	1,187
48	50	94 584	4 602,956	58 793,921	12,773	12,304	98	100	32	0,066	0,105	1,587	1,118
49	51	94 158	4 302,559	54 190,965	12,595	12,126							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 662	99 662,364	1 599 529,974	16,049	15,581
1	4	99 297	93 236,713	1 499 867,610	16,087	15,618
2	5	99 260	87 513,635	1 406 630,897	16,073	15,605
3	6	99 236	82 152,281	1 319 117,262	16,057	15,588
4	7	99 216	77 123,066	1 236 964,981	16,039	15,570
5	8	99 201	72 404,945	1 159 841,915	16,019	15,550
6	9	99 184	67 974,298	1 087 436,970	15,998	15,529
7	10	99 169	63 815,925	1 019 462,672	15,975	15,506
8	11	99 155	59 912,390	955 646,747	15,951	15,482
9	12	99 139	56 246,605	895 734,357	15,925	15,456
10	13	99 123	52 805,341	839 487,752	15,898	15,429
11	14	99 106	49 573,880	786 682,410	15,869	15,400
12	15	99 089	46 540,350	737 108,530	15,838	15,369
13	16	99 070	43 691,534	690 568,180	15,806	15,337
14	17	99 046	41 014,941	646 876,646	15,772	15,303
15	18	99 019	38 501,214	605 861,705	15,736	15,267
16	19	98 984	36 138,474	567 360,491	15,700	15,231
17	20	98 942	33 918,512	531 222,017	15,662	15,193
18	21	98 896	31 833,731	497 303,504	15,622	15,153
19	22	98 842	29 874,447	465 469,773	15,581	15,112
20	23	98 787	28 035,404	435 595,326	15,537	15,069
21	24	98 726	26 308,220	407 559,922	15,492	15,023
22	25	98 669	24 688,100	381 251,702	15,443	14,974
23	26	98 605	23 166,390	356 563,602	15,391	14,923
24	27	98 546	21 739,478	333 397,212	15,336	14,867
25	28	98 478	20 398,572	311 657,734	15,278	14,810
26	29	98 412	19 140,690	291 259,161	15,217	14,748
27	30	98 341	17 959,583	272 118,472	15,152	14,683
28	31	98 265	16 850,325	254 158,888	15,083	14,615
29	32	98 186	15 809,264	237 308,563	15,011	14,542
30	33	98 101	14 831,553	221 499,299	14,934	14,466
31	34	98 011	13 913,507	206 667,746	14,854	14,385
32	35	97 911	13 050,979	192 754,239	14,769	14,301
33	36	97 808	12 241,624	179 703,260	14,680	14,211
34	37	97 692	11 480,806	167 461,636	14,586	14,117
35	38	97 570	10 766,691	155 980,830	14,487	14,019
36	39	97 433	10 095,365	145 214,139	14,384	13,915
37	40	97 291	9 465,375	135 118,775	14,275	13,806
38	41	97 129	8 872,879	125 653,400	14,162	13,693
39	42	96 954	8 316,286	116 780,520	14,042	13,574
40	43	96 769	7 793,829	108 464,234	13,917	13,448
41	44	96 561	7 302,455	100 670,404	13,786	13,317
42	45	96 339	6 840,973	93 367,950	13,648	13,180
43	46	96 089	6 406,804	86 526,977	13,505	13,037
44	47	95 824	5 999,202	80 120,173	13,355	12,886
45	48	95 521	5 615,221	74 120,971	13,200	12,731
46	49	95 182	5 253,792	68 505,750	13,039	12,571
47	50	94 809	4 913,783	63 251,958	12,872	12,404
48	51	94 409	4 594,426	58 338,175	12,698	12,229
49	52	93 956	4 293,340	53 743,749	12,518	12,049
50	53	93 459	4 009,950	49 450,409	12,332	11,863
51	54	92 909	3 743,059	45 440,459	12,140	11,671
52	55	92 297	3 491,483	41 697,400	11,943	11,474
53	56	91 617	3 254,217	38 205,917	11,740	11,272
54	57	90 860	3 030,371	34 951,699	11,534	11,065
55	58	90 023	2 819,186	31 921,328	11,323	10,854
56	59	89 101	2 620,026	29 102,142	11,108	10,639
57	60	88 098	2 432,411	26 482,116	10,887	10,418
58	61	86 990	2 255,245	24 049,705	10,664	10,195
59	62	85 790	2 088,387	21 794,460	10,436	9,967
60	63	84 502	1 931,480	19 706,073	10,203	9,734
61	64	83 106	1 783,647	17 774,593	9,965	9,497
62	65	81 593	1 644,283	15 990,946	9,725	9,256
63	66	79 976	1 513,332	14 346,663	9,480	9,011
64	67	78 246	1 390,238	12 833,331	9,231	8,762
65	68	76 400	1 274,582	11 443,093	8,978	8,509
66	69	74 434	1 166,002	10 168,511	8,721	8,252
67	70	72 353	1 064,217	9 002,509	8,459	7,991
68	71	70 155	968,919	7 938,292	8,193	7,724
69	72	67 867	880,106	6 969,374	7,919	7,450
70	73	65 451	796,971	6 089,267	7,641	7,172
71	74	62 941	719,629	5 292,296	7,354	6,885
72	75	60 294	647,299	4 572,667	7,064	6,595
73	76	57 586	580,496	3 925,368	6,762	6,293
74	77	54 725	517,981	3 344,872	6,458	5,989
75	78	51 762	460,034	2 826,891	6,145	5,676
76	79	48 649	405,976	2 366,857	5,830	5,361
77	80	45 369	355,498	1 960,881	5,516	5,047
78	81	41 936	308,541	1 605,383	5,203	4,734
79	82	38 321	264,736	1 296,841	4,899	4,430
80	83	34 590	224,378	1 032,105	4,600	4,131
81	84	30 787	187,522	807,727	4,307	3,839
82	85	26 924	153,981	620,205	4,028	3,559
83	86	23 067	123,872	466,223	3,764	3,295
84	87	19 341	97,523	342,351	3,510	3,042
85	88	15 806	74,836	244,829	3,272	2,803
86	89	12 536	55,728	169,992	3,050	2,582
87	90	9 628	40,188	114,264	2,843	2,374
88	91	7 123	27,921	74,075	2,653	2,184
89	92	5 048	18,577	46,155	2,485	2,016
90	93	3 424	11,832	27,578	2,331	1,862
91	94	2 217	7,193	15,746	2,189	1,720
92	95	1 367	4,164	8,553	2,054	1,585
93	96	791	2,263	4,389	1,939	1,471
94	97	428	1,149	2,126	1,851	1,382
95	98	219	0,552	0,977	1,771	1,302
96	99	107	0,253	0,425	1,684	1,215
97	100	48	0,107	0,173	1,621	1,152

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 652	99 652,086	1 598 745,290	16,043	15,575
1	5	99 288	93 227,791	1 499 093,204	16,080	15,611
2	6	99 251	87 505,840	1 405 865,412	16,066	15,597
3	7	99 227	82 145,014	1 318 359,573	16,049	15,580
4	8	99 212	77 119,483	1 236 214,559	16,030	15,561
5	9	99 194	72 399,900	1 159 095,076	16,010	15,541
6	10	99 178	67 970,139	1 086 695,176	15,988	15,519
7	11	99 163	63 812,192	1 018 725,037	15,964	15,496
8	12	99 147	59 907,758	954 912,844	15,940	15,471
9	13	99 131	56 242,188	895 005,087	15,913	15,445
10	14	99 114	52 800,366	838 762,899	15,886	15,417
11	15	99 097	49 569,309	785 962,532	15,856	15,387
12	16	99 077	46 534,688	736 393,223	15,825	15,356
13	17	99 055	43 685,101	689 858,536	15,792	15,323
14	18	99 032	41 009,356	646 173,435	15,757	15,288
15	19	98 999	38 493,629	605 164,078	15,721	15,252
16	20	98 966	36 132,157	566 670,450	15,683	15,215
17	21	98 924	33 912,241	530 538,292	15,644	15,176
18	22	98 880	31 828,482	496 626,051	15,603	15,134
19	23	98 826	29 869,583	464 797,569	15,561	15,092
20	24	98 769	28 030,359	434 927,985	15,516	15,048
21	25	98 709	26 303,486	406 897,627	15,469	15,001
22	26	98 650	24 683,403	380 594,141	15,419	14,950
23	27	98 587	23 162,030	355 910,737	15,366	14,897
24	28	98 525	21 734,800	332 748,707	15,309	14,841
25	29	98 455	20 393,766	311 013,907	15,250	14,782
26	30	98 386	19 135,737	290 620,141	15,187	14,719
27	31	98 310	17 953,888	271 484,404	15,121	14,652
28	32	98 234	16 845,034	253 530,516	15,051	14,582
29	33	98 153	15 803,848	236 685,482	14,976	14,508
30	34	98 066	14 826,208	220 881,635	14,898	14,429
31	35	97 971	13 907,858	206 055,426	14,816	14,347
32	36	97 870	13 045,600	192 147,568	14,729	14,260
33	37	97 764	12 236,011	179 101,968	14,637	14,169
34	38	97 646	11 475,356	166 865,956	14,541	14,073
35	39	97 512	10 760,196	155 390,600	14,441	13,973
36	40	97 375	10 089,296	144 630,404	14,335	13,866
37	41	97 224	9 458,885	134 541,108	14,224	13,755
38	42	97 057	8 866,311	125 082,224	14,108	13,639
39	43	96 877	8 309,685	116 215,912	13,986	13,517
40	44	96 681	7 786,752	107 906,227	13,858	13,389
41	45	96 468	7 295,367	100 119,475	13,724	13,255
42	46	96 228	6 833,091	92 824,108	13,584	13,116
43	47	95 972	6 399,003	85 991,017	13,438	12,969
44	48	95 693	5 990,982	79 592,014	13,285	12,817
45	49	95 369	5 606,270	73 601,033	13,128	12,660
46	50	95 016	5 244,608	67 994,763	12,965	12,496
47	51	94 633	4 904,677	62 750,155	12,794	12,325
48	52	94 206	4 584,581	57 845,478	12,617	12,149
49	53	93 737	4 283,323	53 260,897	12,434	11,966
50	54	93 219	3 999,654	48 977,573	12,245	11,777
51	55	92 640	3 732,247	44 977,919	12,051	11,582
52	56	91 998	3 480,152	41 245,673	11,852	11,383
53	57	91 289	3 242,577	37 765,521	11,647	11,178
54	58	90 504	3 018,480	34 522,944	11,437	10,968
55	59	89 631	2 806,924	31 504,464	11,224	10,755
56	60	88 682	2 607,695	28 697,540	11,005	10,536
57	61	87 633	2 419,578	26 089,844	10,783	10,314
58	62	86 496	2 242,422	23 670,267	10,556	10,087
59	63	85 264	2 075,576	21 427,845	10,324	9,855
60	64	83 932	1 918,445	19 352,269	10,087	9,619
61	65	82 485	1 770,318	17 433,824	9,848	9,379
62	66	80 943	1 631,177	15 663,506	9,603	9,134
63	67	79 275	1 500,072	14 032,329	9,354	8,886
64	68	77 504	1 377,056	12 532,257	9,101	8,632
65	69	75 600	1 261,242	11 155,201	8,845	8,376
66	70	73 574	1 152,530	9 893,958	8,585	8,116
67	71	71 441	1 050,809	8 741,429	8,319	7,850
68	72	69 194	955,643	7 690,620	8,048	7,579
69	73	66 862	867,069	6 734,977	7,768	7,299
70	74	64 376	783,888	5 867,908	7,486	7,017
71	75	61 818	706,789	5 084,021	7,193	6,724
72	76	59 135	634,851	4 377,232	6,895	6,426
73	77	56 345	567,977	3 742,381	6,589	6,120
74	78	53 423	505,655	3 174,404	6,278	5,809
75	79	50 341	447,407	2 668,749	5,965	5,496
76	80	47 120	393,223	2 221,342	5,649	5,180
77	81	43 715	342,536	1 828,120	5,337	4,868
78	82	40 146	295,374	1 485,584	5,029	4,561
79	83	36 428	251,664	1 190,209	4,729	4,261
80	84	32 628	211,653	938,545	4,434	3,966
81	85	28 781	175,303	726,892	4,146	3,678
82	86	24 874	142,260	551,589	3,877	3,409
83	87	21 056	113,073	409,329	3,620	3,151
84	88	17 408	87,776	296,256	3,375	2,906
85	89	14 001	66,290	208,481	3,145	2,676
86	90	10 912	48,511	142,191	2,931	2,462
87	91	8 208	34,261	93,680	2,734	2,266
88	92	5 929	23,240	59,419	2,557	2,088
89	93	4 101	15,094	36,179	2,397	1,928
90	94	2 708	9,360	21,085	2,253	1,784
91	95	1 707	5,537	11,726	2,118	1,649
92	96	1 021	3,112	6,188	1,989	1,520
93	97	565	1,617	3,077	1,903	1,434
94	98	300	0,805	1,460	1,813	1,345
95	99	150	0,379	0,655	1,728	1,259
96	100	71	0,168	0,276	1,647	1,178

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 643	99 642,551	1 597 903,317	16,036	15,568
1	6	99 279	93 219,486	1 498 260,766	16,072	15,604
2	7	99 243	87 498,099	1 405 041,279	16,058	15,589
3	8	99 222	82 141,198	1 317 543,180	16,040	15,571
4	9	99 205	77 114,109	1 235 401,983	16,020	15,552
5	10	99 188	72 395,471	1 158 287,874	15,999	15,531
6	11	99 172	67 966,164	1 085 892,403	15,977	15,508
7	12	99 156	63 807,258	1 017 926,239	15,953	15,484
8	13	99 139	59 903,053	954 118,981	15,928	15,459
9	14	99 121	56 236,890	894 215,928	15,901	15,432
10	15	99 104	52 795,498	837 979,038	15,872	15,403
11	16	99 084	49 563,278	785 183,541	15,842	15,373
12	17	99 062	46 527,836	735 620,263	15,810	15,342
13	18	99 042	43 679,153	689 092,427	15,776	15,307
14	19	99 013	41 001,277	645 413,274	15,741	15,273
15	20	98 982	38 486,900	604 411,997	15,704	15,236
16	21	98 948	36 125,477	565 925,097	15,666	15,197
17	22	98 907	33 906,649	529 799,620	15,625	15,157
18	23	98 864	31 823,300	495 892,971	15,583	15,114
19	24	98 808	29 864,208	464 069,670	15,539	15,071
20	25	98 751	28 025,315	434 205,462	15,493	15,025
21	26	98 690	26 298,482	406 180,148	15,445	14,976
22	27	98 631	24 678,758	379 881,665	15,393	14,924
23	28	98 565	23 157,046	355 202,907	15,339	14,870
24	29	98 502	21 729,679	332 045,861	15,281	14,812
25	30	98 429	20 388,488	310 316,182	15,220	14,751
26	31	98 355	19 129,668	289 927,694	15,156	14,687
27	32	98 279	17 948,250	270 798,025	15,088	14,619
28	33	98 200	16 839,262	252 849,775	15,015	14,547
29	34	98 117	15 798,153	236 010,513	14,939	14,470
30	35	98 026	14 820,189	220 212,360	14,859	14,390
31	36	97 931	13 902,126	205 392,171	14,774	14,305
32	37	97 826	13 039,619	191 490,044	14,685	14,217
33	38	97 717	12 230,203	178 450,425	14,591	14,122
34	39	97 587	11 468,434	166 220,222	14,494	14,025
35	40	97 453	10 753,727	154 751,788	14,391	13,922
36	41	97 308	10 082,378	143 998,061	14,282	13,813
37	42	97 152	9 451,883	133 915,683	14,168	13,699
38	43	96 980	8 859,273	124 463,800	14,049	13,580
39	44	96 789	8 302,139	115 604,527	13,925	13,456
40	45	96 587	7 779,194	107 302,388	13,794	13,325
41	46	96 356	7 286,961	99 523,193	13,658	13,189
42	47	96 111	6 824,771	92 236,232	13,515	13,046
43	48	95 841	6 390,235	85 411,461	13,366	12,897
44	49	95 541	5 981,432	79 021,226	13,211	12,742
45	50	95 202	5 596,469	73 039,794	13,051	12,582
46	51	94 840	5 234,889	67 443,325	12,883	12,415
47	52	94 430	4 894,168	62 208,436	12,711	12,242
48	53	93 987	4 573,885	57 314,268	12,531	12,062
49	54	93 496	4 272,325	52 740,383	12,345	11,876
50	55	92 949	3 988,100	48 468,057	12,153	11,684
51	56	92 340	3 720,134	44 479,957	11,957	11,488
52	57	91 669	3 467,704	40 759,824	11,754	11,285
53	58	90 931	3 229,853	37 292,120	11,546	11,077
54	59	90 110	3 005,351	34 062,267	11,334	10,865
55	60	89 209	2 793,714	31 056,916	11,117	10,648
56	61	88 214	2 593,937	28 263,202	10,896	10,427
57	62	87 135	2 405,820	25 669,265	10,670	10,201
58	63	85 965	2 228,666	23 263,445	10,438	9,970
59	64	84 689	2 061,568	21 034,779	10,203	9,735
60	65	83 304	1 904,109	18 973,211	9,964	9,496
61	66	81 828	1 756,208	17 069,102	9,719	9,251
62	67	80 233	1 616,884	15 312,894	9,471	9,002
63	68	78 524	1 485,848	13 696,009	9,218	8,749
64	69	76 693	1 362,644	12 210,161	8,961	8,492
65	70	74 727	1 246,669	10 847,517	8,701	8,232
66	71	72 647	1 138,009	9 600,848	8,437	7,968
67	72	70 462	1 036,411	8 462,839	8,166	7,697
68	73	68 169	941,486	7 426,428	7,888	7,419
69	74	65 764	852,835	6 484,942	7,604	7,135
70	75	63 228	769,901	5 632,107	7,315	6,847
71	76	60 629	693,196	4 862,206	7,014	6,545
72	77	57 860	621,160	4 169,010	6,712	6,243
73	78	55 004	554,461	3 547,850	6,399	5,930
74	79	51 956	491,776	2 993,389	6,087	5,618
75	80	48 760	433,352	2 501,614	5,773	5,304
76	81	45 402	378,885	2 068,261	5,459	4,990
77	82	41 849	327,919	1 689,376	5,152	4,683
78	83	38 164	280,789	1 361,458	4,849	4,380
79	84	34 362	237,391	1 080,668	4,552	4,084
80	85	30 502	197,861	843,277	4,262	3,793
81	86	26 590	161,958	645,416	3,985	3,516
82	87	22 706	129,858	483,458	3,723	3,254
83	88	18 952	101,772	353,600	3,474	3,006
84	89	15 420	77,751	251,828	3,239	2,770
85	90	12 188	57,704	174,077	3,017	2,548
86	91	9 303	41,356	116,373	2,814	2,345
87	92	6 832	28,518	75,016	2,630	2,162
88	93	4 818	18,883	46,498	2,462	1,994
89	94	3 244	11,939	27,616	2,313	1,844
90	95	2 085	7,205	15,676	2,176	1,707
91	96	1 275	4,138	8,471	2,047	1,579
92	97	730	2,223	4,333	1,950	1,481
93	98	396	1,133	2,111	1,862	1,394
94	99	206	0,553	0,977	1,767	1,298
95	100	100	0,251	0,424	1,688	1,219

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 634	99 633,675	1 596 999,030	16,029	15,560
1	7	99 270	93 211,240	1 497 365,355	16,064	15,595
2	8	99 238	87 494,034	1 404 154,115	16,049	15,580
3	9	99 216	82 135,474	1 316 660,081	16,030	15,562
4	10	99 199	77 109,392	1 234 524,607	16,010	15,541
5	11	99 182	72 391,236	1 157 415,216	15,988	15,520
6	12	99 165	67 960,908	1 085 023,979	15,965	15,497
7	13	99 148	63 802,248	1 017 063,071	15,941	15,472
8	14	99 130	59 897,410	953 260,824	15,915	15,446
9	15	99 112	56 231,704	893 363,414	15,887	15,418
10	16	99 092	52 789,074	837 131,710	15,858	15,389
11	17	99 070	49 555,980	784 342,636	15,827	15,359
12	18	99 049	46 521,500	734 786,656	15,795	15,326
13	19	99 022	43 670,547	688 265,156	15,760	15,292
14	20	98 996	40 994,110	644 594,608	15,724	15,255
15	21	98 964	38 479,785	603 600,498	15,686	15,217
16	22	98 932	36 119,520	565 120,713	15,646	15,177
17	23	98 891	33 901,129	529 001,193	15,604	15,135
18	24	98 846	31 817,573	495 100,064	15,561	15,092
19	25	98 791	29 858,834	463 282,491	15,516	15,047
20	26	98 732	28 019,984	433 423,657	15,468	15,000
21	27	98 671	26 293,533	405 403,673	15,418	14,950
22	28	98 610	24 673,448	379 110,140	15,365	14,896
23	29	98 542	23 151,589	354 436,692	15,309	14,841
24	30	98 476	21 724,056	331 285,103	15,250	14,781
25	31	98 398	20 382,022	309 561,047	15,188	14,719
26	32	98 324	19 123,662	289 179,024	15,122	14,653
27	33	98 246	17 942,101	270 055,363	15,051	14,583
28	34	98 165	16 833,195	252 113,262	14,977	14,508
29	35	98 077	15 791,739	235 280,067	14,899	14,430
30	36	97 986	14 814,081	219 488,328	14,816	14,347
31	37	97 886	13 895,752	204 674,247	14,729	14,261
32	38	97 779	13 033,430	190 778,495	14,638	14,169
33	39	97 658	12 222,825	177 745,065	14,542	14,073
34	40	97 528	11 461,540	165 522,240	14,442	13,973
35	41	97 386	10 746,354	154 060,700	14,336	13,867
36	42	97 236	10 074,914	143 314,347	14,225	13,756
37	43	97 075	9 444,380	133 239,433	14,108	13,639
38	44	96 892	8 851,229	123 795,052	13,986	13,517
39	45	96 695	8 294,081	114 943,824	13,859	13,390
40	46	96 476	7 770,231	106 649,742	13,725	13,257
41	47	96 239	7 278,089	98 879,511	13,586	13,117
42	48	95 979	6 815,419	91 601,422	13,440	12,972
43	49	95 688	6 380,048	84 786,003	13,289	12,820
44	50	95 374	5 970,976	78 405,954	13,131	12,662
45	51	95 026	5 586,098	72 434,979	12,967	12,498
46	52	94 636	5 223,672	66 848,881	12,797	12,329
47	53	94 210	4 882,750	61 625,209	12,621	12,152
48	54	93 745	4 562,141	56 742,459	12,438	11,969
49	55	93 226	4 259,984	52 180,317	12,249	11,780
50	56	92 648	3 975,157	47 920,334	12,055	11,586
51	57	92 009	3 706,827	43 945,177	11,855	11,386
52	58	91 309	3 454,096	40 238,350	11,649	11,181
53	59	90 536	3 215,805	36 784,254	11,439	10,970
54	60	89 686	2 991,207	33 568,449	11,222	10,754
55	61	88 739	2 778,974	30 577,242	11,003	10,534
56	62	87 712	2 579,188	27 798,268	10,778	10,309
57	63	86 600	2 391,062	25 219,079	10,547	10,078
58	64	85 385	2 213,625	22 828,018	10,313	9,844
59	65	84 056	2 046,163	20 614,392	10,075	9,606
60	66	82 640	1 888,932	18 568,230	9,830	9,361
61	67	81 111	1 740,820	16 679,298	9,581	9,113
62	68	79 473	1 601,553	14 938,478	9,327	8,859
63	69	77 702	1 470,298	13 336,925	9,071	8,602
64	70	75 807	1 346,899	11 866,627	8,810	8,342
65	71	73 785	1 230,963	10 519,728	8,546	8,077
66	72	71 652	1 122,416	9 288,765	8,276	7,807
67	73	69 418	1 021,058	8 166,349	7,998	7,529
68	74	67 050	926,031	7 145,291	7,716	7,247
69	75	64 591	837,618	6 219,260	7,425	6,956
70	76	62 012	755,095	5 381,643	7,127	6,658
71	77	59 321	678,247	4 626,548	6,821	6,353
72	78	56 483	606,378	3 948,301	6,511	6,043
73	79	53 494	539,242	3 341,923	6,197	5,729
74	80	50 324	476,327	2 802,681	5,884	5,415
75	81	46 982	417,551	2 326,354	5,571	5,103
76	82	43 465	362,717	1 908,803	5,263	4,794
77	83	39 783	311,726	1 546,086	4,960	4,491
78	84	35 999	264,865	1 234,360	4,660	4,192
79	85	32 123	221,922	969,495	4,369	3,900
80	86	28 180	182,799	747,572	4,090	3,621
81	87	24 272	147,838	564,773	3,820	3,351
82	88	20 436	116,879	416,934	3,567	3,098
83	89	16 787	90,149	300,056	3,328	2,860
84	90	13 423	67,681	209,906	3,101	2,633
85	91	10 390	49,194	142,225	2,891	2,422
86	92	7 743	34,424	93,031	2,703	2,234
87	93	5 551	23,171	58,607	2,529	2,061
88	94	3 811	14,937	35,436	2,372	1,904
89	95	2 497	9,191	20,500	2,230	1,762
90	96	1 558	5,384	11,308	2,100	1,632
91	97	911	2,956	5,924	2,004	1,536
92	98	511	1,558	2,969	1,905	1,437
93	99	272	0,778	1,411	1,812	1,343
94	100	136	0,367	0,632	1,724	1,256

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 625	99 624,861	1 596 027,236	16,020	15,552
1	8	99 265	93 206,910	1 496 402,375	16,055	15,586
2	9	99 231	87 487,937	1 403 195,465	16,039	15,570
3	10	99 209	82 130,449	1 315 707,528	16,020	15,551
4	11	99 193	77 104,881	1 233 577,079	15,999	15,530
5	12	99 175	72 385,639	1 156 472,198	15,977	15,508
6	13	99 157	67 955,571	1 084 086,559	15,953	15,484
7	14	99 138	63 796,236	1 016 130,988	15,928	15,459
8	15	99 121	59 891,887	952 334,751	15,901	15,432
9	16	99 100	56 224,863	892 442,864	15,873	15,404
10	17	99 078	52 781,301	836 218,002	15,843	15,374
11	18	99 056	49 549,233	783 436,701	15,811	15,343
12	19	99 029	46 512,335	733 887,468	15,778	15,310
13	20	99 005	43 662,914	687 375,133	15,743	15,274
14	21	98 977	40 986,531	643 712,219	15,705	15,237
15	22	98 948	38 473,440	602 725,688	15,666	15,197
16	23	98 916	36 113,640	564 252,249	15,624	15,156
17	24	98 873	33 895,028	528 138,609	15,582	15,113
18	25	98 828	31 811,848	494 243,581	15,536	15,068
19	26	98 772	29 853,154	462 431,733	15,490	15,021
20	27	98 714	28 014,710	432 578,579	15,441	14,972
21	28	98 650	26 287,875	404 563,868	15,390	14,921
22	29	98 587	24 667,634	378 275,993	15,335	14,866
23	30	98 517	23 145,599	353 608,359	15,278	14,809
24	31	98 445	21 717,167	330 462,761	15,217	14,748
25	32	98 367	20 375,623	308 745,594	15,153	14,684
26	33	98 291	19 117,109	288 369,972	15,084	14,616
27	34	98 210	17 935,636	269 252,862	15,012	14,543
28	35	98 125	16 826,360	251 317,227	14,936	14,467
29	36	98 037	15 785,231	234 490,866	14,855	14,386
30	37	97 941	14 807,289	218 705,636	14,770	14,301
31	38	97 839	13 889,157	203 898,347	14,680	14,212
32	39	97 720	13 025,567	190 009,190	14,587	14,119
33	40	97 599	12 215,478	176 983,623	14,488	14,020
34	41	97 461	11 453,681	164 768,145	14,386	13,917
35	42	97 314	10 738,398	153 314,465	14,277	13,808
36	43	97 159	10 066,917	142 576,066	14,163	13,694
37	44	96 987	9 435,804	132 509,149	14,043	13,574
38	45	96 798	8 842,638	123 073,345	13,918	13,449
39	46	96 583	8 284,525	114 230,707	13,788	13,320
40	47	96 358	7 760,771	105 946,183	13,652	13,183
41	48	96 107	7 268,116	98 185,412	13,509	13,040
42	49	95 826	6 804,555	90 917,296	13,361	12,892
43	50	95 521	6 368,896	84 112,741	13,207	12,738
44	51	95 197	5 959,910	77 743,845	13,044	12,576
45	52	94 822	5 574,129	71 783,935	12,878	12,409
46	53	94 416	5 211,485	66 209,806	12,705	12,236
47	54	93 968	4 870,213	60 998,321	12,525	12,056
48	55	93 475	4 548,963	56 128,108	12,339	11,870
49	56	92 924	4 246,158	51 579,145	12,147	11,679
50	57	92 316	3 960,938	47 332,987	11,950	11,481
51	58	91 648	3 692,281	43 372,049	11,747	11,278
52	59	90 912	3 439,073	39 679,769	11,538	11,069
53	60	90 109	3 200,670	36 240,696	11,323	10,854
54	61	89 213	2 975,426	33 040,026	11,104	10,636
55	62	88 234	2 763,173	30 064,600	10,880	10,412
56	63	87 174	2 563,367	27 301,427	10,651	10,182
57	64	86 016	2 374,925	24 738,060	10,416	9,948
58	65	84 747	2 197,084	22 363,136	10,179	9,710
59	66	83 386	2 029,854	20 166,052	9,935	9,466
60	67	81 916	1 872,381	18 136,198	9,686	9,217
61	68	80 342	1 724,313	16 263,817	9,432	8,963
62	69	78 641	1 584,791	14 539,504	9,174	8,706
63	70	76 804	1 453,309	12 954,713	8,914	8,445
64	71	74 852	1 329,930	11 501,404	8,648	8,179
65	72	72 774	1 214,096	10 171,474	8,378	7,909
66	73	70 591	1 105,789	8 957,378	8,100	7,632
67	74	68 279	1 004,296	7 851,588	7,818	7,349
68	75	65 854	909,507	6 847,292	7,529	7,060
69	76	63 348	821,509	5 937,785	7,228	6,759
70	77	60 674	738,810	5 116,276	6,925	6,456
71	78	57 910	662,107	4 377,465	6,611	6,143
72	79	54 932	589,734	3 715,359	6,300	5,831
73	80	51 814	522,302	3 125,624	5,984	5,516
74	81	48 489	458,959	2 603,322	5,672	5,203
75	82	44 977	399,733	2 144,363	5,364	4,896
76	83	41 319	344,806	1 744,630	5,060	4,591
77	84	37 526	294,048	1 399,824	4,761	4,292
78	85	33 653	247,606	1 105,776	4,466	3,997
79	86	29 678	205,029	858,170	4,186	3,717
80	87	25 723	166,863	653,142	3,914	3,446
81	88	21 846	133,063	486,279	3,655	3,186
82	89	18 102	103,531	353,216	3,412	2,943
83	90	14 613	78,473	249,685	3,182	2,713
84	91	11 443	57,700	171,212	2,967	2,499
85	92	8 649	40,948	113,512	2,772	2,303
86	93	6 291	27,969	72,564	2,594	2,126
87	94	4 391	18,329	44,595	2,433	1,964
88	95	2 934	11,499	26,266	2,284	1,816
89	96	1 866	6,868	14,768	2,150	1,681
90	97	1 113	3,846	7,900	2,054	1,585
91	98	639	2,072	4,054	1,957	1,488
92	99	351	1,070	1,982	1,852	1,383
93	100	180	0,516	0,912	1,766	1,297

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 620	99 620,233	1 594 983,120	16,011	15,542
1	9	99 258	93 200,415	1 495 362,888	16,045	15,576
2	10	99 225	87 482,585	1 402 162,473	16,028	15,559
3	11	99 204	82 125,645	1 314 679,887	16,008	15,539
4	12	99 185	77 098,919	1 232 554,242	15,987	15,518
5	13	99 167	72 379,955	1 155 455,323	15,964	15,495
6	14	99 148	67 949,169	1 083 075,369	15,939	15,471
7	15	99 129	63 790,354	1 015 126,200	15,913	15,445
8	16	99 109	59 884,600	951 335,846	15,886	15,417
9	17	99 086	56 216,584	891 451,246	15,857	15,389
10	18	99 064	52 774,114	835 234,662	15,827	15,358
11	19	99 037	49 539,471	782 460,548	15,795	15,326
12	20	99 012	46 504,205	732 921,077	15,760	15,292
13	21	98 987	43 654,842	686 416,873	15,724	15,255
14	22	98 961	40 979,773	642 762,031	15,685	15,216
15	23	98 931	38 467,176	601 782,258	15,644	15,175
16	24	98 898	36 107,140	563 315,083	15,601	15,132
17	25	98 856	33 888,929	527 207,942	15,557	15,088
18	26	98 810	31 805,797	493 319,013	15,510	15,042
19	27	98 753	29 847,536	461 513,216	15,462	14,994
20	28	98 693	28 008,682	431 665,680	15,412	14,943
21	29	98 627	26 281,681	403 656,998	15,359	14,890
22	30	98 561	24 661,250	377 375,318	15,302	14,834
23	31	98 485	23 138,258	352 714,067	15,244	14,775
24	32	98 414	21 710,347	329 575,809	15,181	14,712
25	33	98 334	20 368,641	307 865,461	15,115	14,646
26	34	98 255	19 110,221	287 496,820	15,044	14,575
27	35	98 170	17 928,354	268 386,599	14,970	14,501
28	36	98 084	16 819,426	250 458,246	14,891	14,422
29	37	97 992	15 777,993	233 638,820	14,808	14,339
30	38	97 894	14 800,260	217 860,827	14,720	14,251
31	39	97 780	13 880,778	203 060,566	14,629	14,160
32	40	97 661	13 017,737	189 179,788	14,532	14,064
33	41	97 533	12 207,101	176 162,051	14,431	13,962
34	42	97 389	11 445,202	163 954,950	14,325	13,856
35	43	97 237	10 729,875	152 509,748	14,214	13,745
36	44	97 071	10 057,776	141 779,873	14,097	13,628
37	45	96 893	9 426,646	131 722,098	13,973	13,505
38	46	96 687	8 832,449	122 295,452	13,846	13,377
39	47	96 466	8 274,438	113 463,003	13,712	13,244
40	48	96 226	7 750,136	105 188,564	13,572	13,104
41	49	95 954	7 256,530	97 438,428	13,428	12,959
42	50	95 658	6 792,660	90 181,898	13,276	12,808
43	51	95 344	6 357,093	83 389,238	13,118	12,649
44	52	94 993	5 947,140	77 032,145	12,953	12,484
45	53	94 601	5 561,124	71 085,005	12,782	12,314
46	54	94 173	5 198,104	65 523,880	12,605	12,137
47	55	93 696	4 856,144	60 325,776	12,423	11,954
48	56	93 171	4 534,199	55 469,632	12,234	11,765
49	57	92 591	4 230,970	50 935,433	12,039	11,570
50	58	91 954	3 945,394	46 704,463	11,838	11,369
51	59	91 250	3 676,222	42 759,069	11,631	11,163
52	60	90 484	3 422,887	39 082,847	11,418	10,949
53	61	89 634	3 183,784	35 659,960	11,200	10,732
54	62	88 706	2 958,508	32 476,176	10,977	10,508
55	63	87 693	2 746,223	29 517,669	10,748	10,280
56	64	86 586	2 546,067	26 771,446	10,515	10,046
57	65	85 373	2 357,178	24 225,379	10,277	9,809
58	66	84 071	2 179,572	21 868,202	10,033	9,565
59	67	82 655	2 012,068	19 688,630	9,785	9,317
60	68	81 140	1 854,627	17 676,562	9,531	9,062
61	69	79 501	1 706,267	15 821,935	9,273	8,804
62	70	77 732	1 566,480	14 115,668	9,011	8,542
63	71	75 836	1 434,999	12 549,188	8,745	8,276
64	72	73 826	1 311,708	11 114,189	8,473	8,004
65	73	71 696	1 196,111	9 802,482	8,195	7,727
66	74	69 432	1 087,637	8 606,371	7,913	7,444
67	75	67 060	986,376	7 518,734	7,623	7,154
68	76	64 587	892,016	6 532,358	7,323	6,854
69	77	61 982	803,792	5 640,342	7,017	6,548
70	78	59 231	721,229	4 836,549	6,706	6,237
71	79	56 320	643,933	4 115,320	6,391	5,922
72	80	53 207	571,208	3 471,387	6,077	5,609
73	81	49 924	503,258	2 900,178	5,763	5,294
74	82	46 420	439,374	2 396,920	5,455	4,987
75	83	42 756	379,995	1 957,547	5,152	4,683
76	84	38 975	325,252	1 577,552	4,850	4,382
77	85	35 081	274,887	1 252,300	4,556	4,087
78	86	31 092	228,757	977,414	4,273	3,804
79	87	27 091	187,154	748,657	4,000	3,531
80	88	23 152	150,186	561,503	3,739	3,270
81	89	19 351	117,867	411,317	3,490	3,021
82	90	15 758	90,122	293,450	3,256	2,787
83	91	12 458	66,900	203,328	3,039	2,571
84	92	9 525	48,027	136,428	2,841	2,372
85	93	7 027	33,270	88,401	2,657	2,188
86	94	4 977	22,124	55,131	2,492	2,023
87	95	3 380	14,110	33,006	2,339	1,870
88	96	2 192	8,592	18,896	2,199	1,731
89	97	1 333	4,906	10,304	2,100	1,632
90	98	780	2,696	5,398	2,002	1,533
91	99	439	1,423	2,702	1,899	1,430
92	100	233	0,710	1,279	1,802	1,334

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 613	99 613,291	1 593 857,210	16,000	15,532
1	10	99 252	93 194,714	1 494 243,920	16,034	15,565
2	11	99 219	87 477,468	1 401 049,206	16,016	15,547
3	12	99 196	82 119,295	1 313 571,738	15,996	15,527
4	13	99 177	77 092,865	1 231 452,443	15,974	15,505
5	14	99 157	72 373,135	1 154 359,579	15,950	15,481
6	15	99 138	67 942,904	1 081 986,443	15,925	15,456
7	16	99 117	63 782,593	1 014 043,540	15,898	15,430
8	17	99 094	59 875,782	950 260,947	15,871	15,402
9	18	99 072	56 208,929	890 385,165	15,841	15,372
10	19	99 045	52 763,717	834 176,236	15,810	15,341
11	20	99 020	49 530,812	781 412,519	15,776	15,308
12	21	98 994	46 495,607	731 881,707	15,741	15,272
13	22	98 970	43 647,643	685 386,100	15,703	15,234
14	23	98 945	40 973,101	641 738,457	15,662	15,194
15	24	98 914	38 460,253	600 765,356	15,620	15,152
16	25	98 880	36 100,643	562 305,103	15,576	15,107
17	26	98 837	33 882,483	526 204,460	15,530	15,062
18	27	98 791	31 799,811	492 321,977	15,482	15,013
19	28	98 732	29 841,113	460 522,166	15,432	14,964
20	29	98 669	28 002,082	430 681,053	15,380	14,912
21	30	98 601	26 274,880	402 678,971	15,326	14,857
22	31	98 530	24 653,430	376 404,091	15,268	14,799
23	32	98 454	23 130,993	351 750,661	15,207	14,738
24	33	98 380	21 702,909	328 619,668	15,142	14,673
25	34	98 298	20 361,302	306 916,760	15,074	14,605
26	35	98 215	19 102,462	286 555,458	15,001	14,532
27	36	98 130	17 920,965	267 452,996	14,924	14,455
28	37	98 039	16 811,714	249 532,031	14,843	14,374
29	38	97 945	15 770,504	232 720,317	14,757	14,288
30	39	97 835	14 791,332	216 949,813	14,667	14,199
31	40	97 722	13 872,434	202 158,480	14,573	14,104
32	41	97 594	13 008,811	188 286,047	14,474	14,005
33	42	97 460	12 198,065	175 277,236	14,369	13,901
34	43	97 312	11 436,117	163 079,171	14,260	13,791
35	44	97 149	10 720,131	151 643,054	14,146	13,677
36	45	96 976	10 048,014	140 922,923	14,025	13,556
37	46	96 781	9 415,784	130 874,909	13,900	13,431
38	47	96 569	8 821,695	121 459,125	13,768	13,299
39	48	96 334	8 263,100	112 637,429	13,631	13,163
40	49	96 073	7 737,782	104 374,330	13,489	13,020
41	50	95 786	7 243,845	96 636,548	13,341	12,872
42	51	95 481	6 780,072	89 392,702	13,185	12,716
43	52	95 139	6 343,471	82 612,630	13,023	12,555
44	53	94 771	5 933,266	76 269,159	12,854	12,386
45	54	94 358	5 546,845	70 335,893	12,680	12,212
46	55	93 901	5 183,088	64 789,048	12,500	12,031
47	56	93 392	4 840,384	59 605,960	12,314	11,846
48	57	92 838	4 517,981	54 765,576	12,122	11,653
49	58	92 228	4 214,367	50 247,595	11,923	11,454
50	59	91 554	3 928,234	46 033,228	11,719	11,250
51	60	90 820	3 658,920	42 104,994	11,507	11,039
52	61	90 007	3 404,828	38 446,074	11,292	10,823
53	62	89 124	3 165,681	35 041,246	11,069	10,600
54	63	88 162	2 940,359	31 875,565	10,841	10,372
55	64	87 101	2 727,689	28 935,206	10,608	10,139
56	65	85 939	2 527,041	26 207,517	10,371	9,902
57	66	84 692	2 338,390	23 680,477	10,127	9,658
58	67	83 335	2 160,474	21 342,087	9,878	9,410
59	68	81 871	1 992,989	19 181,612	9,625	9,156
60	69	80 290	1 835,217	17 188,623	9,366	8,897
61	70	78 582	1 686,552	15 353,406	9,103	8,635
62	71	76 753	1 546,744	13 666,855	8,836	8,367
63	72	74 797	1 415,337	12 120,111	8,563	8,095
64	73	72 733	1 292,276	10 704,774	8,284	7,815
65	74	70 519	1 176,476	9 412,497	8,001	7,532
66	75	68 193	1 068,230	8 236,022	7,710	7,241
67	76	65 771	967,407	7 167,792	7,409	6,941
68	77	63 194	872,779	6 200,385	7,104	6,635
69	78	60 507	784,665	5 327,606	6,790	6,321
70	79	57 605	701,433	4 542,941	6,477	6,008
71	80	54 551	623,704	3 841,508	6,159	5,690
72	81	51 267	550,381	3 217,803	5,847	5,378
73	82	47 794	481,782	2 667,422	5,537	5,068
74	83	44 128	417,678	2 185,640	5,233	4,764
75	84	40 331	358,444	1 767,962	4,932	4,464
76	85	36 436	304,057	1 409,518	4,636	4,167
77	86	32 411	253,961	1 105,461	4,353	3,884
78	87	28 381	208,814	851,499	4,078	3,609
79	88	24 383	168,449	642,686	3,815	3,347
80	89	20 508	133,034	474,237	3,565	3,096
81	90	16 845	102,601	341,203	3,326	2,857
82	91	13 434	76,831	238,602	3,106	2,637
83	92	10 370	55,686	161,771	2,905	2,436
84	93	7 739	39,022	106,085	2,719	2,250
85	94	5 559	26,317	67,063	2,548	2,080
86	95	3 831	17,032	40,746	2,392	1,924
87	96	2 526	10,543	23,714	2,249	1,780
88	97	1 566	6,138	13,170	2,146	1,677
89	98	934	3,439	7,032	2,045	1,576
90	99	536	1,852	3,593	1,940	1,472
91	100	291	0,944	1,741	1,846	1,377

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 607	99 607,197	1 592 646,413	15,989	15,521
1	11	99 247	93 189,262	1 493 039,215	16,022	15,553
2	12	99 211	87 470,704	1 399 849,953	16,004	15,535
3	13	99 188	82 112,846	1 312 379,249	15,983	15,514
4	14	99 168	77 085,601	1 230 266,403	15,960	15,491
5	15	99 148	72 366,462	1 153 180,802	15,935	15,467
6	16	99 126	67 934,637	1 080 814,340	15,910	15,441
7	17	99 103	63 773,201	1 012 879,703	15,883	15,414
8	18	99 081	59 867,629	949 106,501	15,853	15,385
9	19	99 053	56 197,855	889 238,872	15,823	15,355
10	20	99 027	52 754,494	833 041,017	15,791	15,322
11	21	99 001	49 521,654	780 286,523	15,756	15,288
12	22	98 977	46 487,940	730 764,869	15,719	15,251
13	23	98 954	43 640,537	684 276,929	15,680	15,211
14	24	98 927	40 965,727	640 636,392	15,638	15,170
15	25	98 896	38 453,333	599 670,665	15,595	15,126
16	26	98 861	36 093,776	561 217,332	15,549	15,080
17	27	98 818	33 876,106	525 123,556	15,501	15,033
18	28	98 770	31 792,968	491 247,450	15,451	14,983
19	29	98 709	29 834,082	459 454,482	15,400	14,932
20	30	98 644	27 994,836	429 620,400	15,346	14,878
21	31	98 570	26 266,547	401 625,564	15,290	14,822
22	32	98 499	24 645,688	375 359,017	15,230	14,761
23	33	98 421	23 123,068	350 713,328	15,167	14,699
24	34	98 345	21 695,088	327 590,261	15,100	14,631
25	35	98 258	20 353,035	305 895,172	15,029	14,561
26	36	98 175	19 094,589	285 542,137	14,954	14,485
27	37	98 085	17 912,748	266 447,548	14,875	14,406
28	38	97 993	16 803,734	248 534,799	14,790	14,322
29	39	97 886	15 760,991	231 731,065	14,703	14,234
30	40	97 776	14 782,440	215 970,075	14,610	14,141
31	41	97 655	13 862,921	201 187,634	14,513	14,044
32	42	97 522	12 999,181	187 324,713	14,411	13,942
33	43	97 383	12 188,383	174 325,532	14,303	13,834
34	44	97 223	11 425,732	162 137,149	14,191	13,722
35	45	97 054	10 709,727	150 711,417	14,072	13,604
36	46	96 865	10 036,436	140 001,690	13,949	13,481
37	47	96 664	9 404,320	129 965,254	13,820	13,351
38	48	96 437	8 809,607	120 560,934	13,685	13,216
39	49	96 180	8 249,928	111 751,327	13,546	13,077
40	50	95 905	7 724,256	103 501,399	13,400	12,931
41	51	95 609	7 230,421	95 777,143	13,246	12,778
42	52	95 277	6 765,545	88 546,722	13,088	12,619
43	53	94 917	6 328,672	81 781,178	12,922	12,454
44	54	94 528	5 918,031	75 452,505	12,750	12,281
45	55	94 085	5 530,822	69 534,475	12,572	12,103
46	56	93 596	5 166,267	64 003,652	12,389	11,920
47	57	93 058	4 823,070	58 837,386	12,199	11,730
48	58	92 474	4 500,251	54 014,316	12,003	11,534
49	59	91 827	4 196,037	49 514,064	11,800	11,331
50	60	91 123	3 909,747	45 318,027	11,591	11,122
51	61	90 341	3 639,616	41 408,281	11,377	10,908
52	62	89 495	3 385,469	37 768,665	11,156	10,687
53	63	88 578	3 146,261	34 383,196	10,928	10,460
54	64	87 567	2 920,515	31 236,935	10,696	10,227
55	65	86 450	2 707,306	28 316,420	10,459	9,991
56	66	85 254	2 506,899	25 609,115	10,215	9,747
57	67	83 950	2 317,901	23 102,216	9,967	9,498
58	68	82 545	2 139,988	20 784,315	9,712	9,244
59	69	81 014	1 972,131	18 644,327	9,454	8,985
60	70	79 363	1 814,012	16 672,196	9,191	8,722
61	71	77 592	1 665,303	14 858,184	8,922	8,453
62	72	75 701	1 525,551	13 192,881	8,648	8,179
63	73	73 689	1 394,371	11 667,330	8,367	7,899
64	74	71 539	1 271,062	10 272,959	8,082	7,613
65	75	69 261	1 155,484	9 001,897	7,791	7,322
66	76	66 881	1 047,686	7 846,413	7,489	7,021
67	77	64 352	946,544	6 798,727	7,183	6,714
68	78	61 690	852,010	5 852,183	6,869	6,400
69	79	58 846	763,128	5 000,173	6,552	6,083
70	80	55 795	679,398	4 237,046	6,236	5,768
71	81	52 562	600,963	3 557,648	5,920	5,451
72	82	49 079	526,894	2 956,685	5,612	5,143
73	83	45 434	457,992	2 429,790	5,305	4,837
74	84	41 625	393,991	1 971,798	5,005	4,536
75	85	37 703	335,087	1 577,807	4,709	4,240
76	86	33 662	280,911	1 242,720	4,424	3,955
77	87	29 585	231,821	961,809	4,149	3,680
78	88	25 545	187,944	729,989	3,884	3,415
79	89	21 598	149,212	542,045	3,633	3,164
80	90	17 852	115,804	392,833	3,392	2,923
81	91	14 361	87,470	277,029	3,167	2,698
82	92	11 182	63,952	189,560	2,964	2,495
83	93	8 425	45,244	125,608	2,776	2,307
84	94	6 122	30,868	80,364	2,603	2,135
85	95	4 279	20,260	49,496	2,443	1,974
86	96	2 863	12,727	29,236	2,297	1,828
87	97	1 804	7,532	16,509	2,192	1,723
88	98	1 098	4,302	8,978	2,087	1,618
89	99	642	2,362	4,675	1,979	1,510
90	100	355	1,228	2,313	1,884	1,415

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	11	99 601	99 601,371	1 591 344,120	15,977	15,508
1	12	99 239	93 182,056	1 491 742,750	16,009	15,540
2	13	99 204	87 463,835	1 398 560,693	15,990	15,521
3	14	99 179	82 105,110	1 311 096,858	15,969	15,500
4	15	99 159	77 078,494	1 228 991,748	15,945	15,476
5	16	99 136	72 357,657	1 151 913,254	15,920	15,451
6	17	99 112	67 924,634	1 079 555,597	15,893	15,425
7	18	99 089	63 764,518	1 011 630,963	15,865	15,396
8	19	99 061	59 855,834	947 866,445	15,836	15,367
9	20	99 035	56 188,032	888 010,611	15,804	15,336
10	21	99 009	52 744,741	831 822,579	15,771	15,302
11	22	98 985	49 513,488	779 077,838	15,735	15,266
12	23	98 961	46 480,371	729 564,350	15,696	15,227
13	24	98 937	43 632,683	683 083,978	15,655	15,187
14	25	98 909	40 958,356	639 451,295	15,612	15,143
15	26	98 877	38 446,018	598 492,939	15,567	15,098
16	27	98 843	36 086,984	560 046,921	15,519	15,051
17	28	98 797	33 868,816	523 959,938	15,470	15,002
18	29	98 746	31 785,476	490 091,121	15,419	14,950
19	30	98 683	29 826,361	458 305,645	15,366	14,897
20	31	98 613	27 985,958	428 479,284	15,311	14,842
21	32	98 539	26 258,300	400 493,326	15,252	14,783
22	33	98 465	24 637,244	374 235,026	15,190	14,721
23	34	98 385	23 114,736	349 597,782	15,124	14,656
24	35	98 305	21 686,280	326 483,046	15,055	14,586
25	36	98 218	20 344,647	304 796,766	14,982	14,513
26	37	98 130	19 085,835	284 452,119	14,904	14,435
27	38	98 038	17 904,246	265 366,284	14,821	14,353
28	39	97 934	16 793,597	247 462,039	14,735	14,267
29	40	97 828	15 751,516	230 668,441	14,644	14,175
30	41	97 709	14 772,304	214 916,925	14,549	14,080
31	42	97 582	13 852,659	200 144,621	14,448	13,979
32	43	97 445	12 988,863	186 291,962	14,342	13,874
33	44	97 295	12 177,315	173 303,100	14,232	13,763
34	45	97 129	11 414,643	161 125,785	14,116	13,647
35	46	96 942	10 697,386	149 711,142	13,995	13,526
36	47	96 747	10 024,217	139 013,755	13,868	13,399
37	48	96 531	9 391,434	128 989,539	13,735	13,266
38	49	96 283	8 795,564	119 598,105	13,598	13,129
39	50	96 012	8 235,506	110 802,541	13,454	12,986
40	51	95 727	7 709,941	102 567,035	13,303	12,834
41	52	95 404	7 214,928	94 857,094	13,147	12,679
42	53	95 054	6 749,761	87 642,165	12,984	12,516
43	54	94 674	6 312,422	80 892,404	12,815	12,346
44	55	94 255	5 900,935	74 579,982	12,639	12,170
45	56	93 780	5 512,872	68 679,046	12,458	11,989
46	57	93 262	5 147,787	63 166,174	12,271	11,802
47	58	92 693	4 804,144	58 018,387	12,077	11,608
48	59	92 071	4 480,678	53 214,244	11,876	11,408
49	60	91 395	4 176,289	48 733,566	11,669	11,200
50	61	90 642	3 889,119	44 557,277	11,457	10,988
51	62	89 827	3 618,921	40 668,158	11,238	10,769
52	63	88 946	3 364,701	37 049,236	11,011	10,542
53	64	87 980	3 125,028	33 684,536	10,779	10,310
54	65	86 912	2 898,691	30 559,508	10,543	10,074
55	66	85 761	2 685,727	27 660,817	10,299	9,830
56	67	84 507	2 484,933	24 975,090	10,051	9,582
57	68	83 154	2 295,922	22 490,157	9,796	9,327
58	69	81 681	2 117,592	20 194,235	9,536	9,068
59	70	80 078	1 949,344	18 076,643	9,273	8,804
60	71	78 363	1 791,157	16 127,299	9,004	8,535
61	72	76 529	1 642,486	14 336,142	8,728	8,260
62	73	74 580	1 502,952	12 693,656	8,446	7,977
63	74	72 479	1 371,481	11 190,704	8,160	7,691
64	75	70 262	1 248,382	9 819,224	7,866	7,397
65	76	67 929	1 133,262	8 570,841	7,563	7,094
66	77	65 439	1 025,092	7 437,579	7,256	6,787
67	78	62 821	924,019	6 412,488	6,940	6,471
68	79	59 997	828,624	5 488,468	6,624	6,155
69	80	56 998	739,154	4 659,844	6,304	5,836
70	81	53 761	654,626	3 920,690	5,989	5,520
71	82	50 319	575,318	3 266,064	5,677	5,208
72	83	46 655	500,877	2 690,746	5,372	4,903
73	84	42 857	432,019	2 189,869	5,069	4,600
74	85	38 913	368,317	1 757,850	4,773	4,304
75	86	34 833	309,579	1 389,533	4,488	4,020
76	87	30 727	256,421	1 079,955	4,212	3,743
77	88	26 628	208,651	823,534	3,947	3,478
78	89	22 627	166,480	614,882	3,693	3,225
79	90	18 801	129,886	448,402	3,452	2,984
80	91	15 219	98,726	318,516	3,226	2,758
81	92	11 953	72,807	219,790	3,019	2,550
82	93	9 085	51,961	146,984	2,829	2,360
83	94	6 665	35,789	95,023	2,655	2,186
84	95	4 713	23,763	59,234	2,493	2,024
85	96	3 197	15,139	35,471	2,343	1,874
86	97	2 045	9,091	20,332	2,236	1,768
87	98	1 265	5,280	11,241	2,129	1,660
88	99	754	2,955	5,961	2,017	1,548
89	100	426	1,566	3,006	1,919	1,450

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 594	99 593,669	1 589 943,959	15,964	15,496
1	13	99 231	93 174,739	1 490 350,290	15,995	15,526
2	14	99 194	87 455,595	1 397 175,551	15,976	15,507
3	15	99 170	82 097,539	1 309 719,956	15,953	15,484
4	16	99 147	77 069,116	1 227 622,417	15,929	15,460
5	17	99 122	72 347,003	1 150 553,301	15,903	15,435
6	18	99 098	67 915,385	1 078 206,298	15,876	15,407
7	19	99 070	63 751,955	1 010 290,913	15,847	15,378
8	20	99 044	59 845,372	946 538,958	15,816	15,348
9	21	99 017	56 177,644	886 693,586	15,784	15,315
10	22	98 993	52 736,044	830 515,942	15,749	15,280
11	23	98 969	49 505,427	777 779,898	15,711	15,242
12	24	98 943	46 472,007	728 274,471	15,671	15,203
13	25	98 919	43 624,832	681 802,464	15,629	15,160
14	26	98 890	40 950,565	638 177,633	15,584	15,115
15	27	98 858	38 438,783	597 227,068	15,537	15,068
16	28	98 821	36 079,218	558 788,285	15,488	15,019
17	29	98 774	33 860,836	522 709,067	15,437	14,968
18	30	98 721	31 777,251	488 848,232	15,384	14,915
19	31	98 652	29 816,903	457 070,980	15,329	14,861
20	32	98 582	27 977,171	427 254,078	15,272	14,803
21	33	98 505	26 249,303	399 276,907	15,211	14,742
22	34	98 430	24 628,366	373 027,605	15,146	14,678
23	35	98 345	23 105,351	348 399,238	15,079	14,610
24	36	98 264	21 677,343	325 293,887	15,006	14,537
25	37	98 173	20 335,319	303 616,544	14,931	14,462
26	38	98 083	19 076,775	283 281,225	14,850	14,381
27	39	97 979	17 893,445	264 204,450	14,765	14,297
28	40	97 875	16 783,502	246 311,005	14,676	14,207
29	41	97 760	15 740,715	229 527,503	14,582	14,113
30	42	97 637	14 761,369	213 786,788	14,483	14,014
31	43	97 505	13 841,663	199 025,419	14,379	13,910
32	44	97 356	12 977,068	185 183,756	14,270	13,801
33	45	97 200	12 165,496	172 206,688	14,155	13,687
34	46	97 017	11 401,490	160 041,192	14,037	13,568
35	47	96 824	10 684,362	148 639,702	13,912	13,443
36	48	96 614	10 010,480	137 955,339	13,781	13,312
37	49	96 377	9 376,463	127 944,859	13,645	13,177
38	50	96 115	8 780,189	118 568,396	13,504	13,035
39	51	95 834	8 220,244	109 788,207	13,356	12,887
40	52	95 522	7 693,421	101 567,963	13,202	12,733
41	53	95 181	7 198,096	93 874,542	13,042	12,573
42	54	94 810	6 732,430	86 676,445	12,874	12,406
43	55	94 400	6 294,188	79 944,016	12,701	12,233
44	56	93 949	5 881,784	73 649,828	12,522	12,053
45	57	93 445	5 493,153	67 768,044	12,337	11,868
46	58	92 896	5 127,587	62 274,891	12,145	11,676
47	59	92 290	4 783,248	57 147,304	11,947	11,479
48	60	91 638	4 459,590	52 364,056	11,742	11,273
49	61	90 913	4 154,255	47 904,466	11,531	11,063
50	62	90 127	3 867,006	43 750,211	11,314	10,845
51	63	89 276	3 596,721	39 883,205	11,089	10,620
52	64	88 346	3 341,993	36 286,483	10,858	10,389
53	65	87 322	3 101,675	32 944,491	10,622	10,153
54	66	86 219	2 875,587	29 842,816	10,378	9,909
55	67	85 010	2 662,194	26 967,229	10,130	9,661
56	68	83 706	2 461,371	24 305,034	9,875	9,406
57	69	82 284	2 271,893	21 843,664	9,615	9,146
58	70	80 737	2 093,124	19 571,770	9,351	8,882
59	71	79 070	1 924,785	17 478,646	9,081	8,612
60	72	77 289	1 766,615	15 553,862	8,804	8,336
61	73	75 396	1 618,155	13 787,246	8,520	8,052
62	74	73 355	1 478,279	12 169,092	8,232	7,763
63	75	71 186	1 347,009	10 690,813	7,937	7,468
64	76	68 911	1 224,374	9 343,804	7,631	7,163
65	77	66 464	1 108,822	8 119,429	7,323	6,854
66	78	63 882	1 000,698	7 010,607	7,006	6,537
67	79	61 097	898,657	6 009,909	6,688	6,219
68	80	58 112	802,593	5 111,252	6,368	5,900
69	81	54 920	712,204	4 308,659	6,050	5,581
70	82	51 467	626,690	3 596,455	5,739	5,270
71	83	47 834	546,909	2 969,765	5,430	4,961
72	84	44 010	472,471	2 422,855	5,128	4,659
73	85	40 065	403,867	1 950,384	4,829	4,361
74	86	35 951	340,279	1 546,517	4,545	4,076
75	87	31 796	282,590	1 206,238	4,269	3,800
76	88	27 656	230,793	923,648	4,002	3,533
77	89	23 587	184,823	692,855	3,749	3,280
78	90	19 697	144,918	508,032	3,506	3,037
79	91	16 028	110,731	363,114	3,279	2,811
80	92	12 668	82,176	252,383	3,071	2,603
81	93	9 712	59,155	170,207	2,877	2,409
82	94	7 187	41,102	111,052	2,702	2,233
83	95	5 131	27,552	69,950	2,539	2,070
84	96	3 521	17,756	42,398	2,388	1,919
85	97	2 284	10,814	24,642	2,279	1,810
86	98	1 434	6,373	13,827	2,170	1,701
87	99	869	3,626	7,455	2,056	1,587
88	100	500	1,959	3,828	1,954	1,485

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 586	99 585,848	1 588 441,473	15,950	15,482
1	14	99 222	93 165,961	1 488 855,624	15,981	15,512
2	15	99 185	87 447,531	1 395 689,663	15,960	15,492
3	16	99 158	82 087,551	1 308 242,132	15,937	15,468
4	17	99 132	77 057,768	1 226 154,582	15,912	15,443
5	18	99 108	72 337,152	1 149 096,814	15,885	15,417
6	19	99 079	67 902,005	1 076 759,662	15,858	15,389
7	20	99 052	63 740,812	1 008 857,657	15,827	15,359
8	21	99 026	59 834,308	945 116,846	15,796	15,327
9	22	99 001	56 168,381	885 282,538	15,761	15,292
10	23	98 977	52 727,458	829 114,157	15,725	15,256
11	24	98 951	49 496,518	776 386,699	15,686	15,217
12	25	98 926	46 463,645	726 890,181	15,644	15,176
13	26	98 900	43 616,533	680 426,537	15,600	15,131
14	27	98 872	40 942,858	636 810,003	15,554	15,085
15	28	98 837	38 430,511	595 867,146	15,505	15,036
16	29	98 798	36 070,716	557 436,635	15,454	14,985
17	30	98 748	33 852,073	521 365,918	15,401	14,933
18	31	98 690	31 767,174	487 513,845	15,346	14,878
19	32	98 621	29 807,540	455 746,671	15,290	14,821
20	33	98 548	27 967,585	425 939,131	15,230	14,761
21	34	98 470	26 239,844	397 971,546	15,167	14,698
22	35	98 390	24 618,367	371 731,702	15,100	14,631
23	36	98 305	23 095,829	347 113,335	15,029	14,561
24	37	98 219	21 667,404	324 017,506	14,954	14,485
25	38	98 126	20 325,667	302 350,102	14,875	14,407
26	39	98 024	19 065,267	282 024,435	14,793	14,324
27	40	97 920	17 882,688	262 959,168	14,705	14,236
28	41	97 808	16 771,994	245 076,480	14,612	14,144
29	42	97 688	15 729,063	228 304,486	14,515	14,046
30	43	97 560	14 749,652	212 575,423	14,412	13,943
31	44	97 416	13 829,094	197 825,772	14,305	13,836
32	45	97 262	12 964,473	183 996,677	14,192	13,724
33	46	97 088	12 151,478	171 032,205	14,075	13,606
34	47	96 899	11 387,609	158 880,726	13,952	13,483
35	48	96 692	10 669,721	147 493,117	13,824	13,355
36	49	96 460	9 994,523	136 823,396	13,690	13,221
37	50	96 209	9 360,072	126 828,873	13,550	13,081
38	51	95 936	8 763,917	117 468,800	13,404	12,935
39	52	95 629	8 202,631	108 704,883	13,252	12,784
40	53	95 299	7 675,473	100 502,252	13,094	12,625
41	54	94 937	7 179,614	92 826,779	12,929	12,460
42	55	94 536	6 712,982	85 647,166	12,758	12,290
43	56	94 094	6 273,760	78 934,184	12,582	12,113
44	57	93 613	5 860,745	72 660,424	12,398	11,929
45	58	93 078	5 471,597	66 799,678	12,208	11,740
46	59	92 492	5 105,285	61 328,081	12,013	11,544
47	60	91 856	4 760,737	56 222,797	11,810	11,341
48	61	91 155	4 436,062	51 462,060	11,601	11,132
49	62	90 396	4 130,634	47 025,998	11,385	10,916
50	63	89 574	3 843,284	42 895,364	11,161	10,692
51	64	88 674	3 572,447	39 052,080	10,931	10,463
52	65	87 685	3 317,019	35 479,633	10,696	10,227
53	66	86 626	3 076,954	32 162,614	10,453	9,984
54	67	85 464	2 850,391	29 085,660	10,204	9,735
55	68	84 204	2 636,951	26 235,269	9,949	9,480
56	69	82 830	2 435,611	23 598,318	9,689	9,220
57	70	81 333	2 245,643	21 162,708	9,424	8,955
58	71	79 720	2 066,753	18 917,065	9,153	8,684
59	72	77 986	1 898,412	16 850,312	8,876	8,407
60	73	76 144	1 740,445	14 951,900	8,591	8,122
61	74	74 158	1 591,591	13 211,455	8,301	7,832
62	75	72 047	1 451,902	11 619,864	8,003	7,534
63	76	69 817	1 321,104	10 167,962	7,697	7,228
64	77	67 425	1 197,970	8 846,858	7,385	6,916
65	78	64 882	1 082,436	7 648,889	7,066	6,598
66	79	62 128	973,231	6 566,452	6,747	6,278
67	80	59 177	870,426	5 593,221	6,426	5,957
68	81	55 994	773,329	4 722,795	6,107	5,638
69	82	52 576	681,811	3 949,466	5,793	5,324
70	83	48 925	595,745	3 267,655	5,485	5,016
71	84	45 121	515,893	2 671,910	5,179	4,710
72	85	41 142	441,684	2 156,016	4,881	4,413
73	86	37 015	373,123	1 714,333	4,595	4,126
74	87	32 816	310,613	1 341,210	4,318	3,849
75	88	28 618	254,346	1 030,596	4,052	3,583
76	89	24 498	204,436	776,250	3,797	3,328
77	90	20 532	160,885	571,814	3,554	3,085
78	91	16 792	123,546	410,929	3,326	2,857
79	92	13 341	92,169	287,383	3,118	2,649
80	93	10 293	66,768	195,214	2,924	2,455
81	94	7 683	46,793	128,447	2,745	2,276
82	95	5 533	31,642	81,653	2,581	2,112
83	96	3 834	20,587	50,011	2,429	1,960
84	97	2 516	12,684	29,424	2,320	1,851
85	98	1 601	7,581	16,740	2,208	1,740
86	99	985	4,377	9,159	2,092	1,624
87	100	576	2,404	4,782	1,989	1,520

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	14	99 576	99 576,466	1 586 830,075	15,936	15,467
1	15	99 213	93 157,370	1 487 253,609	15,965	15,496
2	16	99 173	87 436,891	1 394 096,239	15,944	15,475
3	17	99 143	82 075,464	1 306 659,348	15,920	15,451
4	18	99 119	77 047,275	1 224 583,884	15,894	15,425
5	19	99 089	72 322,900	1 147 536,609	15,867	15,398
6	20	99 061	67 890,136	1 075 213,708	15,838	15,369
7	21	99 034	63 729,027	1 007 323,572	15,806	15,338
8	22	99 009	59 824,441	943 594,545	15,773	15,304
9	23	98 985	56 159,236	883 770,104	15,737	15,268
10	24	98 959	52 717,969	827 610,868	15,699	15,230
11	25	98 933	49 487,612	774 892,899	15,658	15,190
12	26	98 907	46 454,806	725 405,287	15,615	15,147
13	27	98 881	43 608,325	678 950,481	15,569	15,101
14	28	98 851	40 934,048	635 342,156	15,521	15,052
15	29	98 814	38 421,455	594 408,109	15,471	15,002
16	30	98 773	36 061,382	555 986,654	15,418	14,949
17	31	98 717	33 841,338	519 925,271	15,364	14,895
18	32	98 659	31 757,199	486 083,933	15,306	14,838
19	33	98 587	29 797,327	454 326,734	15,247	14,778
20	34	98 512	27 957,507	424 529,407	15,185	14,716
21	35	98 430	26 229,191	396 571,900	15,119	14,651
22	36	98 349	24 608,221	370 342,709	15,050	14,581
23	37	98 260	23 085,239	345 734,488	14,976	14,508
24	38	98 173	21 657,119	322 649,248	14,898	14,429
25	39	98 067	20 313,405	300 992,129	14,817	14,349
26	40	97 965	19 053,806	280 678,724	14,731	14,262
27	41	97 853	17 870,426	261 624,918	14,640	14,171
28	42	97 735	16 759,578	243 754,492	14,544	14,075
29	43	97 611	15 716,578	226 994,914	14,443	13,974
30	44	97 471	14 736,258	211 278,336	14,337	13,869
31	45	97 322	13 815,672	196 542,078	14,226	13,757
32	46	97 150	12 949,534	182 726,406	14,111	13,642
33	47	96 970	12 136,684	169 776,871	13,989	13,520
34	48	96 766	11 372,005	157 640,188	13,862	13,393
35	49	96 538	10 652,713	146 268,183	13,731	13,262
36	50	96 292	9 977,052	135 615,470	13,593	13,124
37	51	96 030	9 342,726	125 638,418	13,448	12,979
38	52	95 731	8 745,139	116 295,691	13,298	12,830
39	53	95 406	8 183,494	107 550,552	13,142	12,674
40	54	95 055	7 655,764	99 367,058	12,979	12,511
41	55	94 663	7 158,874	91 711,293	12,811	12,342
42	56	94 230	6 691,195	84 552,419	12,636	12,168
43	57	93 757	6 251,319	77 861,224	12,455	11,986
44	58	93 246	5 837,747	71 609,905	12,267	11,798
45	59	92 673	5 447,799	65 772,158	12,073	11,604
46	60	92 056	5 081,257	60 324,359	11,872	11,403
47	61	91 371	4 735,619	55 243,102	11,665	11,197
48	62	90 636	4 410,839	50 507,483	11,451	10,982
49	63	89 841	4 105,295	46 096,644	11,229	10,760
50	64	88 970	3 817,346	41 991,349	11,000	10,531
51	65	88 011	3 545,752	38 174,002	10,766	10,297
52	66	86 987	3 290,581	34 628,251	10,523	10,055
53	67	85 867	3 049,993	31 337,670	10,275	9,806
54	68	84 654	2 823,363	28 287,677	10,019	9,550
55	69	83 322	2 609,354	25 464,314	9,759	9,290
56	70	81 873	2 407,468	22 854,961	9,493	9,025
57	71	80 309	2 217,350	20 447,493	9,222	8,753
58	72	78 627	2 038,435	18 230,142	8,943	8,474
59	73	76 831	1 870,289	16 191,708	8,657	8,189
60	74	74 894	1 711,874	14 321,418	8,366	7,897
61	75	72 835	1 563,192	12 609,544	8,067	7,598
62	76	70 661	1 423,980	11 046,353	7,757	7,289
63	77	68 312	1 292,613	9 622,373	7,444	6,975
64	78	65 820	1 169,462	8 329,759	7,123	6,654
65	79	63 101	1 052,725	7 160,297	6,802	6,333
66	80	60 177	942,658	6 107,572	6,479	6,010
67	81	57 020	838,689	5 164,914	6,158	5,690
68	82	53 604	740,328	4 326,225	5,844	5,375
69	83	49 980	648,144	3 585,897	5,533	5,064
70	84	46 151	561,960	2 937,753	5,228	4,759
71	85	42 181	482,276	2 375,793	4,926	4,457
72	86	38 010	408,061	1 893,517	4,640	4,172
73	87	33 788	340,594	1 485,457	4,361	3,893
74	88	29 537	279,569	1 144,863	4,095	3,626
75	89	25 350	225,299	865,293	3,841	3,372
76	90	21 325	177,958	639,994	3,596	3,128
77	91	17 504	137,158	462,036	3,369	2,900
78	92	13 977	102,836	324,878	3,159	2,690
79	93	10 840	74,887	222,042	2,965	2,496
80	94	8 142	52,815	147,156	2,786	2,318
81	95	5 914	36,023	94,341	2,619	2,150
82	96	4 134	23,644	58,317	2,467	1,998
83	97	2 739	14,707	34,674	2,358	1,889
84	98	1 763	8,891	19,967	2,246	1,777
85	99	1 100	5,207	11,076	2,127	1,658
86	100	653	2,902	5,869	2,022	1,553

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 567	99 567,285	1 585 104,328	15,920	15,451
1	16	99 201	93 146,036	1 485 537,044	15,948	15,480
2	17	99 159	87 424,017	1 392 391,007	15,927	15,458
3	18	99 130	82 064,288	1 304 966,991	15,902	15,433
4	19	99 099	77 032,096	1 222 902,703	15,875	15,406
5	20	99 071	72 310,259	1 145 870,607	15,847	15,378
6	21	99 043	67 877,585	1 073 560,348	15,816	15,347
7	22	99 018	63 718,519	1 005 682,763	15,783	15,314
8	23	98 993	59 814,701	941 964,245	15,748	15,279
9	24	98 967	56 149,129	882 149,543	15,711	15,242
10	25	98 941	52 708,483	826 000,414	15,671	15,202
11	26	98 914	49 478,198	773 291,932	15,629	15,160
12	27	98 888	46 446,063	723 813,734	15,584	15,115
13	28	98 860	43 598,941	677 367,670	15,536	15,068
14	29	98 827	40 924,402	633 768,729	15,486	15,018
15	30	98 788	38 411,513	592 844,327	15,434	14,965
16	31	98 741	36 049,946	554 432,814	15,380	14,911
17	32	98 686	33 830,712	518 382,868	15,323	14,854
18	33	98 625	31 746,318	484 552,156	15,263	14,795
19	34	98 552	29 786,590	452 805,838	15,202	14,733
20	35	98 472	27 946,156	423 019,248	15,137	14,668
21	36	98 389	26 218,381	395 073,092	15,069	14,600
22	37	98 304	24 596,939	368 854,711	14,996	14,527
23	38	98 213	23 074,282	344 257,772	14,920	14,451
24	39	98 114	21 644,054	321 183,490	14,839	14,371
25	40	98 008	20 301,194	299 539,436	14,755	14,286
26	41	97 898	19 040,741	279 238,242	14,665	14,197
27	42	97 781	17 857,197	260 197,501	14,571	14,102
28	43	97 658	16 746,275	242 340,304	14,471	14,003
29	44	97 522	15 702,306	225 594,029	14,367	13,898
30	45	97 376	14 721,956	209 891,723	14,257	13,788
31	46	97 210	13 799,753	195 169,767	14,143	13,674
32	47	97 031	12 933,768	181 370,014	14,023	13,554
33	48	96 837	12 120,053	168 436,246	13,897	13,429
34	49	96 612	11 353,877	156 316,193	13,768	13,299
35	50	96 369	10 634,092	144 962,316	13,632	13,163
36	51	96 113	9 958,563	134 328,224	13,489	13,020
37	52	95 825	9 322,708	124 369,662	13,341	12,872
38	53	95 507	8 724,737	115 046,954	13,186	12,718
39	54	95 161	8 162,482	106 322,217	13,026	12,557
40	55	94 780	7 633,649	98 159,735	12,859	12,390
41	56	94 355	7 135,640	90 526,086	12,686	12,218
42	57	93 893	6 667,261	83 390,446	12,507	12,039
43	58	93 389	6 226,788	76 723,185	12,321	11,853
44	59	92 840	5 812,356	70 496,396	12,129	11,660
45	60	92 237	5 422,160	64 684,040	11,930	11,461
46	61	91 571	5 054,449	59 261,881	11,725	11,256
47	62	90 851	4 708,693	54 207,432	11,512	11,043
48	63	90 080	4 383,781	49 498,739	11,291	10,823
49	64	89 235	4 077,589	45 114,958	11,064	10,595
50	65	88 305	3 788,820	41 037,369	10,831	10,362
51	66	87 310	3 517,490	37 248,549	10,590	10,121
52	67	86 224	3 261,748	33 731,058	10,341	9,873
53	68	85 053	3 021,072	30 469,310	10,086	9,617
54	69	83 768	2 793,814	27 448,238	9,825	9,356
55	70	82 360	2 579,203	24 654,423	9,559	9,090
56	71	80 841	2 377,137	22 075,220	9,286	8,818
57	72	79 208	2 186,969	19 698,083	9,007	8,538
58	73	77 463	2 008,238	17 511,114	8,720	8,251
59	74	75 570	1 839,586	15 502,876	8,427	7,959
60	75	73 558	1 681,329	13 663,290	8,126	7,658
61	76	71 434	1 533,129	11 981,961	7,815	7,347
62	77	69 137	1 393,271	10 448,832	7,499	7,031
63	78	66 686	1 261,854	9 055,561	7,176	6,708
64	79	64 014	1 137,363	7 793,707	6,852	6,384
65	80	61 119	1 019,655	6 656,345	6,528	6,059
66	81	57 983	908,287	5 636,690	6,206	5,737
67	82	54 586	802,899	4 728,403	5,889	5,420
68	83	50 957	703,772	3 925,504	5,578	5,109
69	84	47 145	611,387	3 221,733	5,270	4,801
70	85	43 143	525,341	2 610,346	4,969	4,500
71	86	38 970	445,563	2 085,005	4,679	4,211
72	87	34 696	372,486	1 639,442	4,401	3,933
73	88	30 411	306,553	1 266,956	4,133	3,664
74	89	26 163	247,642	960,403	3,878	3,409
75	90	22 067	196,119	712,761	3,634	3,166
76	91	18 180	151,713	516,642	3,405	2,937
77	92	14 570	114,166	364,929	3,196	2,728
78	93	11 356	83,554	250,763	3,001	2,532
79	94	8 575	59,237	167,210	2,823	2,354
80	95	6 268	40,659	107,972	2,656	2,187
81	96	4 419	26,917	67,313	2,501	2,032
82	97	2 953	16,890	40,396	2,392	1,923
83	98	1 920	10,309	23,506	2,280	1,811
84	99	1 211	6,107	13,197	2,161	1,692
85	100	729	3,452	7,090	2,054	1,585

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 555	99 555,170	1 583 256,577	15,903	15,435
1	17	99 186	93 132,321	1 483 701,407	15,931	15,462
2	18	99 145	87 412,113	1 390 569,086	15,908	15,439
3	19	99 110	82 048,120	1 303 156,973	15,883	15,414
4	20	99 082	77 018,631	1 221 108,853	15,855	15,386
5	21	99 053	72 296,890	1 144 090,222	15,825	15,356
6	22	99 027	67 866,392	1 071 793,332	15,793	15,324
7	23	99 002	63 708,145	1 003 926,940	15,758	15,289
8	24	98 975	59 803,937	940 218,795	15,722	15,253
9	25	98 949	56 139,026	880 414,858	15,683	15,214
10	26	98 922	52 698,456	824 275,832	15,641	15,173
11	27	98 896	49 468,886	771 577,376	15,597	15,128
12	28	98 867	46 436,069	722 108,490	15,551	15,082
13	29	98 837	43 588,667	675 672,421	15,501	15,032
14	30	98 802	40 913,812	632 083,753	15,449	14,980
15	31	98 757	38 399,332	591 169,941	15,395	14,927
16	32	98 710	36 038,627	552 770,610	15,338	14,870
17	33	98 652	33 819,120	516 731,983	15,279	14,811
18	34	98 589	31 734,879	482 912,863	15,217	14,748
19	35	98 512	29 774,497	451 177,984	15,153	14,684
20	36	98 432	27 934,639	421 403,487	15,085	14,617
21	37	98 344	26 206,360	393 468,848	15,014	14,546
22	38	98 258	24 585,263	367 262,488	14,938	14,470
23	39	98 154	23 060,362	342 677,225	14,860	14,391
24	40	98 055	21 631,043	319 616,863	14,776	14,307
25	41	97 941	20 287,273	297 985,820	14,688	14,220
26	42	97 825	19 026,646	277 698,546	14,595	14,127
27	43	97 703	17 843,023	258 671,900	14,497	14,028
28	44	97 569	16 731,068	240 828,877	14,394	13,925
29	45	97 427	15 687,066	224 097,809	14,286	13,817
30	46	97 264	14 704,992	208 410,743	14,173	13,704
31	47	97 091	13 782,952	193 705,751	14,054	13,585
32	48	96 898	12 916,045	179 922,799	13,930	13,461
33	49	96 683	12 100,733	167 006,754	13,801	13,333
34	50	96 443	11 334,030	154 906,021	13,667	13,199
35	51	96 190	10 614,385	143 571,992	13,526	13,057
36	52	95 907	9 937,224	132 957,607	13,380	12,911
37	53	95 601	9 300,958	123 020,383	13,227	12,758
38	54	95 262	8 702,335	113 719,425	13,068	12,599
39	55	94 886	8 138,903	105 017,090	12,903	12,434
40	56	94 472	7 608,875	96 878,187	12,732	12,264
41	57	94 018	7 110,116	89 269,312	12,555	12,087
42	58	93 524	6 641,098	82 159,196	12,371	11,903
43	59	92 983	6 199,705	75 518,098	12,181	11,712
44	60	92 403	5 785,001	69 318,393	11,982	11,514
45	61	91 750	5 393,552	63 533,391	11,780	11,311
46	62	91 050	5 025,710	58 139,839	11,568	11,100
47	63	90 294	4 679,808	53 114,129	11,350	10,881
48	64	89 472	4 354,195	48 434,321	11,124	10,655
49	65	88 568	4 047,119	44 080,126	10,892	10,423
50	66	87 601	3 758,622	40 033,008	10,651	10,182
51	67	86 545	3 486,670	36 274,386	10,404	9,935
52	68	85 407	3 230,820	32 787,716	10,148	9,680
53	69	84 163	2 989,455	29 556,896	9,887	9,418
54	70	82 800	2 761,533	26 567,442	9,621	9,152
55	71	81 322	2 546,709	23 805,909	9,348	8,879
56	72	79 733	2 344,566	21 259,200	9,067	8,599
57	73	78 035	2 154,572	18 914,634	8,779	8,310
58	74	76 191	1 975,271	16 760,062	8,485	8,016
59	75	74 221	1 806,762	14 784,792	8,183	7,714
60	76	72 143	1 648,994	12 978,029	7,870	7,402
61	77	69 893	1 500,066	11 329,035	7,552	7,084
62	78	67 492	1 360,116	9 828,969	7,227	6,758
63	79	64 856	1 227,218	8 468,853	6,901	6,432
64	80	62 003	1 101,633	7 241,635	6,574	6,105
65	81	58 891	982,476	6 140,002	6,250	5,781
66	82	55 508	869,527	5 157,526	5,931	5,463
67	83	51 891	763,253	4 287,999	5,618	5,149
68	84	48 067	663,860	3 524,746	5,309	4,841
69	85	44 073	571,547	2 860,887	5,006	4,537
70	86	39 859	485,349	2 289,340	4,717	4,248
71	87	35 573	406,719	1 803,990	4,435	3,967
72	88	31 228	335,258	1 397,272	4,168	3,699
73	89	26 938	271,544	1 062,014	3,911	3,442
74	90	22 775	215,568	790,470	3,667	3,198
75	91	18 813	167,196	574,902	3,438	2,970
76	92	15 132	126,281	407,706	3,229	2,760
77	93	11 838	92,760	281,425	3,034	2,565
78	94	8 983	66,093	188,666	2,855	2,386
79	95	6 601	45,603	122,572	2,688	2,219
80	96	4 684	30,381	76,969	2,533	2,065
81	97	3 157	19,228	46,588	2,423	1,954
82	98	2 070	11,839	27,360	2,311	1,842
83	99	1 319	7,081	15,521	2,192	1,723
84	100	803	4,049	8,439	2,084	1,615

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 541	99 540,511	1 581 282,033	15,886	15,417
1	18	99 172	93 119,640	1 481 741,521	15,912	15,443
2	19	99 125	87 394,891	1 388 621,882	15,889	15,420
3	20	99 093	82 033,779	1 301 226,991	15,862	15,393
4	21	99 064	77 004,392	1 219 193,212	15,833	15,364
5	22	99 037	72 284,969	1 142 188,820	15,801	15,332
6	23	99 011	67 855,343	1 069 903,851	15,767	15,299
7	24	98 984	63 696,679	1 002 048,509	15,732	15,263
8	25	98 957	59 793,176	938 351,829	15,693	15,225
9	26	98 930	56 128,347	878 558,653	15,653	15,184
10	27	98 904	52 688,539	822 430,306	15,609	15,141
11	28	98 875	49 458,241	769 741,768	15,563	15,095
12	29	98 844	46 425,127	720 283,526	15,515	15,046
13	30	98 811	43 577,388	673 858,400	15,463	14,995
14	31	98 770	40 900,837	630 281,012	15,410	14,941
15	32	98 726	38 387,274	589 380,175	15,354	14,885
16	33	98 676	36 026,279	550 992,900	15,294	14,825
17	34	98 616	33 806,934	514 966,622	15,233	14,764
18	35	98 549	31 721,994	481 159,688	15,168	14,699
19	36	98 471	29 762,226	449 437,693	15,101	14,632
20	37	98 387	27 921,831	419 675,467	15,030	14,562
21	38	98 297	26 193,921	391 753,636	14,956	14,487
22	39	98 198	24 570,432	365 559,715	14,878	14,409
23	40	98 095	23 046,499	340 989,283	14,796	14,327
24	41	97 987	21 616,211	317 942,784	14,709	14,240
25	42	97 868	20 272,256	296 326,573	14,617	14,149
26	43	97 748	19 011,543	276 054,317	14,520	14,052
27	44	97 614	17 826,821	257 042,774	14,419	13,950
28	45	97 474	16 714,829	239 215,953	14,312	13,843
29	46	97 315	15 668,991	222 501,124	14,200	13,731
30	47	97 146	14 687,089	206 832,133	14,083	13,614
31	48	96 958	13 764,065	192 145,045	13,960	13,491
32	49	96 744	12 895,456	178 380,980	13,833	13,364
33	50	96 514	12 079,580	165 485,523	13,700	13,231
34	51	96 264	11 313,025	153 405,943	13,560	13,091
35	52	95 984	10 591,641	142 092,918	13,416	12,947
36	53	95 683	9 914,041	131 501,277	13,264	12,795
37	54	95 356	9 277,076	121 587,236	13,106	12,637
38	55	94 987	8 677,196	112 310,159	12,943	12,474
39	56	94 578	8 112,489	103 632,963	12,774	12,306
40	57	94 134	7 581,658	95 520,475	12,599	12,130
41	58	93 649	7 082,215	87 938,817	12,417	11,948
42	59	93 117	6 612,213	80 856,601	12,228	11,760
43	60	92 546	6 170,527	74 244,388	12,032	11,563
44	61	91 916	5 754,480	68 073,861	11,830	11,361
45	62	91 229	5 362,885	62 319,381	11,620	11,152
46	63	90 491	4 994,880	56 956,496	11,403	10,934
47	64	89 685	4 648,224	51 961,616	11,179	10,710
48	65	88 804	4 321,658	47 313,392	10,948	10,479
49	66	87 862	4 014,861	42 991,734	10,708	10,239
50	67	86 833	3 725,688	38 976,873	10,462	9,993
51	68	85 724	3 453,608	35 251,185	10,207	9,738
52	69	84 513	3 197,007	31 797,576	9,946	9,477
53	70	83 191	2 954,913	28 600,569	9,679	9,210
54	71	81 757	2 726,741	25 645,656	9,405	8,937
55	72	80 208	2 511,814	22 918,916	9,124	8,656
56	73	78 552	2 309,835	20 407,101	8,835	8,366
57	74	76 754	2 119,202	18 097,267	8,540	8,071
58	75	74 832	1 940,026	15 978,065	8,236	7,767
59	76	72 794	1 772,016	14 038,039	7,922	7,453
60	77	70 587	1 613,432	12 266,023	7,602	7,134
61	78	68 230	1 464,370	10 652,591	7,275	6,806
62	79	65 639	1 322,783	9 188,221	6,946	6,477
63	80	62 818	1 188,666	7 865,438	6,617	6,148
64	81	59 742	1 061,466	6 676,772	6,290	5,821
65	82	56 378	940,550	5 615,307	5,970	5,501
66	83	52 767	826,590	4 674,756	5,655	5,187
67	84	48 948	719,967	3 848,166	5,345	4,876
68	85	44 935	620,601	3 128,198	5,041	4,572
69	86	40 718	528,038	2 507,598	4,749	4,280
70	87	36 384	443,036	1 979,560	4,468	3,999
71	88	32 017	366,069	1 536,523	4,197	3,729
72	89	27 662	296,971	1 170,454	3,941	3,473
73	90	23 449	236,374	873,484	3,695	3,227
74	91	19 416	183,777	637,109	3,467	2,998
75	92	15 659	139,168	453,333	3,257	2,789
76	93	12 295	102,603	314,164	3,062	2,593
77	94	9 364	73,375	211,561	2,883	2,415
78	95	6 915	50,881	138,186	2,716	2,247
79	96	4 932	34,076	87,305	2,562	2,093
80	97	3 346	21,703	53,230	2,453	1,984
81	98	2 213	13,479	31,527	2,339	1,870
82	99	1 422	8,132	18,048	2,219	1,751
83	100	874	4,695	9,916	2,112	1,643

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 527	99 526,958	1 579 175,216	15,867	15,398
1	19	99 153	93 101,293	1 479 648,258	15,893	15,424
2	20	99 108	87 379,615	1 386 546,965	15,868	15,399
3	21	99 074	82 018,612	1 299 167,350	15,840	15,371
4	22	99 047	76 991,694	1 217 148,737	15,809	15,340
5	23	99 021	72 273,200	1 140 157,043	15,776	15,307
6	24	98 993	67 843,131	1 067 883,843	15,740	15,272
7	25	98 966	63 685,218	1 000 040,712	15,703	15,234
8	26	98 939	59 781,802	936 355,494	15,663	15,194
9	27	98 912	56 117,784	876 573,692	15,620	15,152
10	28	98 882	52 677,201	820 455,908	15,575	15,106
11	29	98 851	49 446,587	767 778,707	15,527	15,059
12	30	98 818	46 413,113	718 332,120	15,477	15,008
13	31	98 780	43 563,568	671 919,007	15,424	14,955
14	32	98 739	40 887,994	628 355,439	15,368	14,899
15	33	98 692	38 374,122	587 467,445	15,309	14,840
16	34	98 641	36 013,297	549 093,323	15,247	14,778
17	35	98 576	33 793,209	513 080,026	15,183	14,714
18	36	98 509	31 708,921	479 286,817	15,115	14,646
19	37	98 426	29 748,580	447 577,896	15,045	14,577
20	38	98 340	27 908,578	417 829,316	14,971	14,503
21	39	98 238	26 178,119	389 920,739	14,895	14,426
22	40	98 139	24 555,662	363 742,619	14,813	14,344
23	41	98 028	23 030,697	339 186,957	14,728	14,259
24	42	97 915	21 600,209	316 156,261	14,637	14,168
25	43	97 791	20 256,164	294 556,052	14,542	14,073
26	44	97 659	18 994,280	274 299,887	14,441	13,972
27	45	97 520	17 809,518	255 305,608	14,335	13,867
28	46	97 362	16 695,570	237 496,090	14,225	13,756
29	47	97 196	15 649,913	220 800,520	14,109	13,640
30	48	97 013	14 666,963	205 150,606	13,987	13,519
31	49	96 804	13 742,124	190 483,643	13,861	13,393
32	50	96 575	12 872,914	176 741,519	13,730	13,261
33	51	96 335	12 057,194	163 868,605	13,591	13,122
34	52	96 058	11 288,785	151 811,411	13,448	12,979
35	53	95 760	10 566,931	140 522,626	13,298	12,830
36	54	95 438	9 888,585	129 955,695	13,142	12,673
37	55	95 080	9 250,278	120 067,109	12,980	12,511
38	56	94 679	8 649,035	110 816,832	12,813	12,344
39	57	94 239	8 083,471	102 167,797	12,639	12,170
40	58	93 765	7 551,907	94 084,326	12,458	11,990
41	59	93 242	7 051,412	86 532,420	12,272	11,803
42	60	92 679	6 581,093	79 481,008	12,077	11,608
43	61	92 057	6 137,972	72 899,915	11,877	11,408
44	62	91 393	5 721,761	66 761,943	11,668	11,199
45	63	90 669	5 329,987	61 040,182	11,452	10,983
46	64	89 881	4 961,170	55 710,195	11,229	10,761
47	65	89 015	4 613,490	50 749,025	11,000	10,531
48	66	88 096	4 287,212	46 135,535	10,761	10,292
49	67	87 092	3 979,683	41 848,323	10,515	10,047
50	68	86 010	3 690,360	37 868,641	10,262	9,793
51	69	84 827	3 417,464	34 178,280	10,001	9,532
52	70	83 536	3 160,067	30 760,816	9,734	9,265
53	71	82 142	2 917,684	27 600,749	9,460	8,991
54	72	80 636	2 689,380	24 683,065	9,178	8,709
55	73	79 020	2 474,605	21 993,685	8,888	8,419
56	74	77 263	2 271,916	19 519,080	8,591	8,123
57	75	75 384	2 081,389	17 247,164	8,286	7,818
58	76	73 392	1 902,716	15 165,775	7,971	7,502
59	77	71 224	1 733,801	13 263,059	7,650	7,181
60	78	68 908	1 575,038	11 529,259	7,320	6,851
61	79	66 357	1 424,176	9 954,220	6,989	6,521
62	80	63 577	1 281,229	8 530,045	6,658	6,189
63	81	60 528	1 145,325	7 248,816	6,329	5,860
64	82	57 193	1 016,169	6 103,491	6,006	5,538
65	83	53 594	894,107	5 087,322	5,690	5,221
66	84	49 775	779,713	4 193,215	5,378	4,909
67	85	45 759	673,052	3 413,502	5,072	4,603
68	86	41 514	573,358	2 740,449	4,780	4,311
69	87	37 168	482,004	2 167,092	4,496	4,027
70	88	32 748	398,757	1 685,088	4,226	3,757
71	89	28 361	324,263	1 286,331	3,967	3,498
72	90	24 079	258,507	962,068	3,722	3,253
73	91	19 991	201,515	703,560	3,491	3,023
74	92	16 161	152,969	502,045	3,282	2,813
75	93	12 723	113,074	349,076	3,087	2,618
76	94	9 726	81,162	236,002	2,908	2,439
77	95	7 209	56,487	154,841	2,741	2,272
78	96	5 167	38,019	98,354	2,587	2,118
79	97	3 523	24,342	60,334	2,479	2,010
80	98	2 345	15,213	35,993	2,366	1,897
81	99	1 520	9,258	20,779	2,244	1,776
82	100	943	5,392	11,521	2,137	1,668

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 507	99 507,349	1 576 926,400	15,847	15,379
1	20	99 136	93 085,020	1 477 419,051	15,872	15,403
2	21	99 090	87 363,461	1 384 334,030	15,846	15,377
3	22	99 058	82 005,088	1 296 970,570	15,816	15,347
4	23	99 031	76 979,159	1 214 965,482	15,783	15,314
5	24	99 003	72 260,194	1 137 986,323	15,748	15,280
6	25	98 975	67 830,924	1 065 726,129	15,712	15,243
7	26	98 947	63 673,104	997 895,206	15,672	15,203
8	27	98 920	59 770,551	934 222,102	15,630	15,161
9	28	98 890	56 105,708	874 451,551	15,586	15,117
10	29	98 859	52 664,788	818 345,843	15,539	15,070
11	30	98 826	49 433,792	765 681,055	15,489	15,020
12	31	98 787	46 398,394	716 247,263	15,437	14,968
13	32	98 749	43 549,889	669 848,869	15,381	14,912
14	33	98 706	40 873,985	626 298,979	15,323	14,854
15	34	98 657	38 360,294	585 424,995	15,261	14,792
16	35	98 601	35 998,676	547 064,701	15,197	14,728
17	36	98 536	33 779,282	511 066,025	15,130	14,661
18	37	98 463	31 694,382	477 286,743	15,059	14,590
19	38	98 379	29 734,459	445 592,361	14,986	14,517
20	39	98 281	27 891,742	415 857,901	14,910	14,441
21	40	98 179	26 162,382	387 966,160	14,829	14,360
22	41	98 072	24 538,824	361 803,777	14,744	14,275
23	42	97 955	23 013,648	337 264,953	14,655	14,186
24	43	97 837	21 583,064	314 251,305	14,560	14,091
25	44	97 702	20 237,770	292 668,241	14,461	13,993
26	45	97 564	18 975,844	272 430,471	14,357	13,888
27	46	97 407	17 788,997	253 454,627	14,248	13,779
28	47	97 244	16 675,243	235 665,629	14,133	13,664
29	48	97 063	15 628,468	218 990,387	14,012	13,544
30	49	96 858	14 643,583	203 361,918	13,887	13,419
31	50	96 634	13 718,102	188 718,335	13,757	13,288
32	51	96 396	12 849,058	175 000,233	13,620	13,151
33	52	96 128	12 031,359	162 151,175	13,477	13,009
34	53	95 834	11 262,449	150 119,816	13,329	12,860
35	54	95 514	10 539,799	138 857,367	13,175	12,706
36	55	95 162	9 860,020	128 317,568	13,014	12,545
37	56	94 772	9 220,256	118 457,548	12,848	12,379
38	57	94 340	8 618,098	109 237,292	12,675	12,207
39	58	93 870	8 051,750	100 619,195	12,497	12,028
40	59	93 357	7 519,060	92 567,445	12,311	11,842
41	60	92 803	7 018,225	85 048,384	12,118	11,649
42	61	92 190	6 546,372	78 030,159	11,920	11,451
43	62	91 534	6 103,072	71 483,787	11,713	11,244
44	63	90 832	5 686,661	65 380,715	11,497	11,028
45	64	90 057	5 294,015	59 694,054	11,276	10,807
46	65	89 209	4 924,097	54 400,039	11,048	10,579
47	66	88 305	4 576,718	49 475,942	10,810	10,342
48	67	87 324	4 249,647	44 899,224	10,565	10,097
49	68	86 266	3 941,946	40 649,577	10,312	9,843
50	69	85 110	3 651,738	36 707,630	10,052	9,583
51	70	83 847	3 377,977	33 055,892	9,786	9,317
52	71	82 484	3 120,254	29 677,915	9,511	9,043
53	72	81 017	2 877,707	26 557,661	9,229	8,760
54	73	79 442	2 649,540	23 679,954	8,937	8,469
55	74	77 722	2 433,982	21 030,414	8,640	8,172
56	75	75 884	2 231,378	18 596,433	8,334	7,865
57	76	73 935	2 041,361	16 365,055	8,017	7,548
58	77	71 810	1 861,682	14 323,694	7,694	7,225
59	78	69 529	1 692,542	12 462,012	7,363	6,894
60	79	67 016	1 531,807	10 769,469	7,031	6,562
61	80	64 273	1 379,436	9 237,663	6,697	6,228
62	81	61 259	1 234,513	7 858,227	6,365	5,897
63	82	57 945	1 096,450	6 623,714	6,041	5,572
64	83	54 369	965,992	5 527,264	5,722	5,253
65	84	50 554	843,401	4 561,272	5,408	4,939
66	85	46 531	728,905	3 717,872	5,101	4,632
67	86	42 275	621,816	2 988,967	4,807	4,338
68	87	37 895	523,372	2 367,151	4,523	4,054
69	88	33 454	433,830	1 843,778	4,250	3,781
70	89	29 008	353,218	1 409,948	3,992	3,523
71	90	24 688	282,265	1 056,730	3,744	3,275
72	91	20 528	220,384	774,465	3,514	3,045
73	92	16 640	167,734	554,081	3,303	2,835
74	93	13 131	124,287	386,347	3,109	2,640
75	94	10 064	89,444	262,060	2,930	2,461
76	95	7 487	62,481	172,616	2,763	2,294
77	96	5 387	42,208	110,135	2,609	2,141
78	97	3 691	27,159	67,926	2,501	2,032
79	98	2 470	17,063	40,767	2,389	1,920
80	99	1 611	10,450	23,704	2,268	1,800
81	100	1 008	6,139	13,254	2,159	1,690

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 490	99 489,956	1 574 532,900	15,826	15,357
1	21	99 117	93 067,811	1 475 042,944	15,849	15,380
2	22	99 073	87 349,055	1 381 975,133	15,821	15,353
3	23	99 042	81 991,737	1 294 626,079	15,790	15,321
4	24	99 013	76 965,306	1 212 634,342	15,756	15,287
5	25	98 985	72 247,191	1 135 669,037	15,719	15,250
6	26	98 956	67 818,020	1 063 421,845	15,681	15,212
7	27	98 929	63 661,121	995 603,825	15,639	15,170
8	28	98 899	59 757,689	931 942,704	15,595	15,127
9	29	98 867	56 092,487	872 185,015	15,549	15,080
10	30	98 833	52 651,160	816 092,528	15,500	15,031
11	31	98 794	49 418,115	763 441,368	15,449	14,980
12	32	98 756	46 383,825	714 023,253	15,394	14,925
13	33	98 715	43 534,968	667 639,427	15,336	14,867
14	34	98 670	40 859,256	624 104,460	15,274	14,806
15	35	98 617	38 344,720	583 245,203	15,211	14,742
16	36	98 560	35 983,840	544 900,483	15,143	14,674
17	37	98 491	33 763,794	508 916,643	15,073	14,604
18	38	98 417	31 679,338	475 152,849	14,999	14,530
19	39	98 320	29 716,522	443 473,511	14,923	14,455
20	40	98 222	27 874,975	413 756,989	14,843	14,375
21	41	98 112	26 144,443	385 882,014	14,760	14,291
22	42	97 999	24 520,659	359 737,571	14,671	14,202
23	43	97 877	22 995,381	335 216,912	14,578	14,109
24	44	97 748	21 563,465	312 221,532	14,479	14,010
25	45	97 607	20 218,128	290 658,067	14,376	13,907
26	46	97 452	18 953,980	270 439,939	14,268	13,799
27	47	97 289	17 767,339	251 485,959	14,154	13,686
28	48	97 110	16 652,393	233 718,620	14,035	13,566
29	49	96 909	15 603,556	217 066,228	13,911	13,443
30	50	96 689	14 617,985	201 462,672	13,782	13,313
31	51	96 455	13 692,680	186 844,687	13,646	13,177
32	52	96 189	12 821,526	173 152,007	13,505	13,036
33	53	95 904	12 003,290	160 330,481	13,357	12,888
34	54	95 588	11 233,530	148 327,190	13,204	12,735
35	55	95 238	10 509,353	137 093,660	13,045	12,576
36	56	94 853	9 828,020	126 584,307	12,880	12,411
37	57	94 433	9 187,276	116 756,287	12,708	12,240
38	58	93 970	8 584,279	107 569,012	12,531	12,062
39	59	93 461	8 016,730	98 984,733	12,347	11,879
40	60	92 918	7 483,673	90 968,003	12,156	11,687
41	61	92 313	6 981,197	83 484,330	11,958	11,490
42	62	91 666	6 509,150	76 503,133	11,753	11,284
43	63	90 972	6 065,633	69 993,983	11,539	11,071
44	64	90 219	5 648,282	63 928,350	11,318	10,849
45	65	89 384	5 254,455	58 280,067	11,092	10,623
46	66	88 498	4 884,850	53 025,612	10,855	10,386
47	67	87 531	4 536,616	48 140,763	10,612	10,143
48	68	86 496	4 209,351	43 604,146	10,359	9,890
49	69	85 364	3 900,691	39 394,796	10,099	9,631
50	70	84 126	3 609,544	35 494,104	9,833	9,365
51	71	82 790	3 335,418	31 884,560	9,559	9,091
52	72	81 354	3 077,501	28 549,142	9,277	8,808
53	73	79 817	2 835,078	25 471,641	8,984	8,516
54	74	78 138	2 606,045	22 636,563	8,686	8,217
55	75	76 336	2 390,552	20 030,518	8,379	7,910
56	76	74 425	2 188,465	17 639,967	8,060	7,592
57	77	72 340	1 997,337	15 451,501	7,736	7,267
58	78	70 101	1 817,381	13 454,164	7,403	6,934
59	79	67 621	1 646,085	11 636,784	7,069	6,601
60	80	64 911	1 483,686	9 990,698	6,734	6,265
61	81	61 929	1 329,140	8 507,013	6,400	5,932
62	82	58 645	1 181,832	7 177,873	6,074	5,605
63	83	55 083	1 042,308	5 996,041	5,753	5,284
64	84	51 285	911,209	4 953,733	5,436	4,968
65	85	47 260	788,442	4 042,524	5,127	4,658
66	86	42 989	673,417	3 254,082	4,832	4,363
67	87	38 590	567,606	2 580,665	4,547	4,078
68	88	34 108	471,064	2 013,059	4,273	3,805
69	89	29 633	384,285	1 541,995	4,013	3,544
70	90	25 251	307,470	1 157,709	3,765	3,297
71	91	21 047	240,638	850,239	3,533	3,065
72	92	17 087	183,440	609,602	3,323	2,854
73	93	13 520	136,284	426,162	3,127	2,658
74	94	10 387	98,314	289,878	2,948	2,480
75	95	7 748	68,857	191,564	2,782	2,313
76	96	5 595	46,687	122,706	2,628	2,160
77	97	3 848	30,151	76,019	2,521	2,053
78	98	2 588	19,038	45,868	2,409	1,941
79	99	1 697	11,720	26,830	2,289	1,820
80	100	1 068	6,928	15,109	2,181	1,712

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 472	99 471,563	1 571 983,063	15,803	15,335
1	22	99 101	93 052,464	1 472 511,500	15,825	15,356
2	23	99 057	87 334,833	1 379 459,036	15,795	15,326
3	24	99 024	81 976,981	1 292 124,203	15,762	15,293
4	25	98 995	76 951,457	1 210 147,222	15,726	15,257
5	26	98 966	72 233,448	1 133 195,765	15,688	15,219
6	27	98 938	67 805,257	1 060 962,317	15,647	15,178
7	28	98 907	63 647,422	993 157,059	15,604	15,135
8	29	98 875	59 743,608	929 509,638	15,558	15,090
9	30	98 841	56 077,972	869 766,030	15,510	15,041
10	31	98 802	52 634,463	813 688,057	15,459	14,990
11	32	98 763	49 402,598	761 053,595	15,405	14,936
12	33	98 722	46 367,933	711 650,997	15,348	14,879
13	34	98 679	43 519,281	665 283,064	15,287	14,818
14	35	98 630	40 842,668	621 763,783	15,223	14,755
15	36	98 576	38 328,917	580 921,116	15,156	14,687
16	37	98 515	35 967,341	542 592,199	15,086	14,617
17	38	98 444	33 747,767	506 624,857	15,012	14,543
18	39	98 357	31 660,228	472 877,090	14,936	14,467
19	40	98 261	29 698,658	441 216,862	14,856	14,388
20	41	98 154	27 855,861	411 518,204	14,773	14,304
21	42	98 039	26 125,089	383 662,343	14,686	14,217
22	43	97 922	24 501,196	357 537,254	14,593	14,124
23	44	97 788	22 974,499	333 036,058	14,496	14,027
24	45	97 653	21 542,536	310 061,559	14,393	13,924
25	46	97 495	20 194,832	288 519,023	14,287	13,818
26	47	97 333	18 930,903	268 324,191	14,174	13,705
27	48	97 155	17 742,992	249 393,288	14,056	13,587
28	49	96 956	16 625,848	231 650,296	13,933	13,464
29	50	96 739	15 576,280	215 024,448	13,805	13,336
30	51	96 510	14 590,895	199 448,168	13,669	13,201
31	52	96 249	13 663,340	184 857,273	13,529	13,061
32	53	95 965	12 791,614	171 193,933	13,383	12,915
33	54	95 658	11 972,470	158 402,319	13,231	12,762
34	55	95 312	11 201,080	146 429,849	13,073	12,604
35	56	94 929	10 475,245	135 228,769	12,909	12,441
36	57	94 514	9 792,865	124 753,524	12,739	12,270
37	58	94 062	9 151,224	114 960,658	12,562	12,094
38	59	93 561	8 546,942	105 809,435	12,380	11,911
39	60	93 021	7 979,000	97 262,492	12,190	11,721
40	61	92 428	7 444,189	89 283,492	11,994	11,525
41	62	91 788	6 941,503	81 839,303	11,790	11,321
42	63	91 104	6 469,220	74 897,800	11,578	11,109
43	64	90 358	6 024,697	68 428,580	11,358	10,889
44	65	89 545	5 606,074	62 403,883	11,131	10,663
45	66	88 672	5 212,575	56 797,809	10,896	10,428
46	67	87 723	4 842,048	51 585,234	10,654	10,185
47	68	86 701	4 493,599	46 743,186	10,402	9,933
48	69	85 591	4 165,297	42 249,587	10,143	9,674
49	70	84 377	3 855,620	38 084,289	9,878	9,409
50	71	83 067	3 564,068	34 228,669	9,604	9,135
51	72	81 656	3 289,717	30 664,601	9,321	8,853
52	73	80 149	3 031,912	27 374,884	9,029	8,560
53	74	78 506	2 788,537	24 342,972	8,730	8,261
54	75	76 743	2 559,545	21 554,435	8,421	7,952
55	76	74 867	2 344,578	18 994,890	8,102	7,633
56	77	72 820	2 141,269	16 650,312	7,776	7,307
57	78	70 619	1 949,807	14 509,043	7,441	6,973
58	79	68 177	1 767,497	12 559,236	7,106	6,637
59	80	65 496	1 594,374	10 791,738	6,769	6,300
60	81	62 544	1 429,588	9 197,364	6,434	5,965
61	82	59 287	1 272,420	7 767,776	6,105	5,636
62	83	55 749	1 123,474	6 495,356	5,781	5,313
63	84	51 960	983,197	5 371,882	5,464	4,995
64	85	47 943	851,832	4 388,684	5,152	4,683
65	86	43 662	728,422	3 536,853	4,855	4,387
66	87	39 241	614,709	2 808,430	4,569	4,100
67	88	34 733	510,877	2 193,722	4,294	3,825
68	89	30 213	417,267	1 682,845	4,033	3,564
69	90	25 795	334,514	1 265,578	3,783	3,315
70	91	21 527	262,126	931,064	3,552	3,083
71	92	17 519	200,299	668,939	3,340	2,871
72	93	13 883	149,045	468,640	3,144	2,676
73	94	10 694	107,804	319,595	2,965	2,496
74	95	7 996	75,686	211,792	2,798	2,330
75	96	5 789	51,452	136,106	2,645	2,177
76	97	3 996	33,351	84,654	2,538	2,070
77	98	2 697	21,136	51,303	2,427	1,959
78	99	1 777	13,077	30,167	2,307	1,838
79	100	1 125	7,771	17,091	2,199	1,731

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 455	99 455,160	1 569 267,934	15,779	15,310
1	23	99 085	93 037,314	1 469 812,774	15,798	15,329
2	24	99 040	87 319,116	1 376 775,459	15,767	15,298
3	25	99 006	81 962,230	1 289 456,343	15,732	15,264
4	26	98 977	76 936,819	1 207 494,113	15,695	15,226
5	27	98 947	72 219,854	1 130 557,294	15,654	15,186
6	28	98 916	67 790,667	1 058 337,440	15,612	15,143
7	29	98 884	63 632,424	990 546,773	15,567	15,098
8	30	98 850	59 728,148	926 914,349	15,519	15,050
9	31	98 810	56 060,188	867 186,201	15,469	15,000
10	32	98 771	52 617,936	811 126,013	15,415	14,947
11	33	98 729	49 385,671	758 508,077	15,359	14,890
12	34	98 686	46 351,225	709 122,407	15,299	14,830
13	35	98 639	43 501,612	662 771,182	15,236	14,767
14	36	98 589	40 825,835	619 269,569	15,169	14,700
15	37	98 531	38 311,343	578 443,734	15,098	14,630
16	38	98 468	35 950,269	540 132,391	15,024	14,556
17	39	98 384	33 727,409	504 182,122	14,949	14,480
18	40	98 298	31 641,195	470 454,713	14,868	14,400
19	41	98 193	29 678,294	438 813,518	14,786	14,317
20	42	98 082	27 835,240	409 135,224	14,698	14,230
21	43	97 961	26 104,352	381 299,984	14,607	14,138
22	44	97 833	24 478,947	355 195,631	14,510	14,042
23	45	97 693	22 952,201	330 716,684	14,409	13,940
24	46	97 541	21 517,714	307 764,484	14,303	13,834
25	47	97 376	20 170,244	286 246,770	14,192	13,723
26	48	97 200	18 904,962	266 076,525	14,074	13,606
27	49	97 000	17 714,709	247 171,564	13,953	13,484
28	50	96 786	16 596,785	229 456,854	13,825	13,357
29	51	96 560	15 547,414	212 860,070	13,691	13,222
30	52	96 303	14 559,631	197 312,656	13,552	13,083
31	53	96 024	13 631,464	182 753,025	13,407	12,938
32	54	95 719	12 758,769	169 121,560	13,255	12,787
33	55	95 382	11 937,885	156 362,791	13,098	12,629
34	56	95 002	11 164,728	144 424,906	12,936	12,467
35	57	94 590	10 437,775	133 260,178	12,767	12,298
36	58	94 143	9 754,437	122 822,403	12,591	12,123
37	59	93 653	9 111,421	113 067,966	12,409	11,941
38	60	93 121	8 506,717	103 956,545	12,221	11,752
39	61	92 531	7 936,903	95 449,827	12,026	11,557
40	62	91 902	7 401,863	87 512,924	11,823	11,354
41	63	91 225	6 898,921	80 111,062	11,612	11,143
42	64	90 489	6 425,560	73 212,141	11,394	10,925
43	65	89 683	5 979,676	66 786,581	11,169	10,700
44	66	88 831	5 561,391	60 806,904	10,934	10,465
45	67	87 895	5 166,902	55 245,513	10,692	10,223
46	68	86 891	4 796,135	50 078,611	10,441	9,973
47	69	85 794	4 446,571	45 282,477	10,184	9,715
48	70	84 602	4 117,169	40 835,906	9,918	9,450
49	71	83 314	3 807,044	36 718,737	9,645	9,176
50	72	81 928	3 515,234	32 911,693	9,363	8,894
51	73	80 446	3 240,985	29 396,459	9,070	8,601
52	74	78 833	2 982,140	26 155,475	8,771	8,302
53	75	77 106	2 738,780	23 173,335	8,461	7,992
54	76	75 268	2 510,321	20 434,554	8,140	7,671
55	77	73 253	2 294,015	17 924,233	7,813	7,345
56	78	71 087	2 090,314	15 630,218	7,477	7,009
57	79	68 680	1 896,289	13 539,904	7,140	6,671
58	80	66 035	1 711,972	11 643,615	6,801	6,333
59	81	63 108	1 536,241	9 931,642	6,465	5,996
60	82	59 875	1 368,582	8 395,401	6,134	5,666
61	83	56 359	1 209,589	7 026,819	5,809	5,341
62	84	52 588	1 059,760	5 817,230	5,489	5,020
63	85	48 574	919,129	4 757,470	5,176	4,707
64	86	44 294	786,986	3 838,340	4,877	4,409
65	87	39 856	664,918	3 051,354	4,589	4,120
66	88	35 319	553,271	2 386,436	4,313	3,845
67	89	30 766	452,534	1 833,164	4,051	3,582
68	90	26 299	363,224	1 380,631	3,801	3,332
69	91	21 991	285,181	1 017,407	3,568	3,099
70	92	17 918	218,184	732,226	3,356	2,887
71	93	14 234	162,742	514,042	3,159	2,690
72	94	10 982	117,898	351,300	2,980	2,511
73	95	8 233	82,991	233,402	2,812	2,344
74	96	5 975	56,554	150,411	2,660	2,191
75	97	4 136	36,754	93,856	2,554	2,085
76	98	2 801	23,378	57,102	2,443	1,974
77	99	1 853	14,518	33,724	2,323	1,854
78	100	1 178	8,670	19,206	2,215	1,746

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 439	99 438,968	1 566 374,810	15,752	15,283
1	24	99 067	93 020,571	1 466 935,842	15,770	15,301
2	25	99 022	87 303,404	1 373 915,271	15,737	15,269
3	26	98 987	81 946,639	1 286 611,867	15,701	15,232
4	27	98 958	76 922,339	1 204 665,228	15,661	15,192
5	28	98 926	72 204,314	1 127 742,888	15,619	15,150
6	29	98 893	67 774,692	1 055 538,575	15,574	15,105
7	30	98 858	63 615,958	987 763,882	15,527	15,058
8	31	98 818	59 709,207	924 147,925	15,477	15,009
9	32	98 779	56 042,585	864 438,718	15,425	14,956
10	33	98 737	52 599,907	808 396,133	15,369	14,900
11	34	98 694	49 367,875	755 796,226	15,309	14,841
12	35	98 646	46 332,407	706 428,350	15,247	14,778
13	36	98 599	43 483,684	660 095,944	15,180	14,712
14	37	98 544	40 807,117	616 612,260	15,110	14,642
15	38	98 484	38 293,158	575 805,143	15,037	14,568
16	39	98 409	35 928,582	537 511,985	14,961	14,492
17	40	98 325	33 707,134	501 583,403	14,881	14,412
18	41	98 231	31 619,499	467 876,269	14,797	14,328
19	42	98 121	29 656,324	436 256,770	14,710	14,242
20	43	98 004	27 813,146	406 600,446	14,619	14,150
21	44	97 872	26 080,648	378 787,300	14,524	14,055
22	45	97 738	24 455,188	352 706,652	14,423	13,954
23	46	97 581	22 925,754	328 251,464	14,318	13,849
24	47	97 422	21 491,516	305 325,710	14,207	13,738
25	48	97 242	20 142,605	283 834,194	14,091	13,622
26	49	97 045	18 874,826	263 691,589	13,971	13,502
27	50	96 831	17 683,743	244 816,763	13,844	13,375
28	51	96 607	16 566,028	227 133,020	13,711	13,242
29	52	96 353	15 514,100	210 566,992	13,573	13,104
30	53	96 078	14 525,664	195 052,892	13,428	12,959
31	54	95 778	13 596,463	180 527,228	13,278	12,809
32	55	95 442	12 721,913	166 930,765	13,122	12,653
33	56	95 072	11 899,141	154 208,851	12,960	12,491
34	57	94 663	11 124,792	142 309,710	12,792	12,323
35	58	94 219	10 396,816	131 184,918	12,618	12,149
36	59	93 734	9 712,011	120 788,102	12,437	11,968
37	60	93 212	9 068,540	111 076,091	12,249	11,780
38	61	92 630	8 461,836	102 007,552	12,055	11,586
39	62	92 005	7 891,775	93 545,715	11,854	11,385
40	63	91 338	7 356,456	85 653,940	11,643	11,175
41	64	90 610	6 852,361	78 297,484	11,426	10,958
42	65	89 813	6 377,544	71 445,123	11,203	10,734
43	66	88 968	5 932,016	65 067,580	10,969	10,500
44	67	88 053	5 512,662	59 135,564	10,727	10,258
45	68	87 061	5 117,908	53 622,902	10,478	10,009
46	69	85 981	4 745,940	48 504,994	10,220	9,752
47	70	84 803	4 395,192	43 759,054	9,956	9,487
48	71	83 536	4 065,298	39 363,862	9,683	9,214
49	72	82 173	3 754,881	35 298,564	9,401	8,932
50	73	80 715	3 463,161	31 543,684	9,108	8,640
51	74	79 126	3 187,780	28 080,523	8,809	8,340
52	75	77 426	2 928,929	24 892,743	8,499	8,030
53	76	75 623	2 686,110	21 963,814	8,177	7,708
54	77	73 644	2 456,184	19 277,704	7,849	7,380
55	78	71 510	2 239,426	16 821,520	7,512	7,043
56	79	69 136	2 032,939	14 582,095	7,173	6,704
57	80	66 523	1 836,718	12 549,155	6,832	6,364
58	81	63 627	1 649,551	10 712,437	6,494	6,025
59	82	60 415	1 470,684	9 062,886	6,162	5,694
60	83	56 919	1 301,003	7 592,202	5,836	5,367
61	84	53 163	1 140,992	6 291,199	5,514	5,045
62	85	49 161	990,703	5 150,207	5,199	4,730
63	86	44 876	849,161	4 159,504	4,898	4,430
64	87	40 432	718,377	3 310,344	4,608	4,139
65	88	35 873	598,463	2 591,967	4,331	3,862
66	89	31 286	490,087	1 993,504	4,068	3,599
67	90	26 781	393,922	1 503,417	3,817	3,348
68	91	22 421	309,657	1 109,495	3,583	3,114
69	92	18 304	237,375	799,838	3,370	2,901
70	93	14 559	177,274	562,464	3,173	2,704
71	94	11 259	128,733	385,189	2,992	2,523
72	95	8 454	90,762	256,456	2,826	2,357
73	96	6 152	62,013	165,694	2,672	2,203
74	97	4 268	40,399	103,681	2,566	2,098
75	98	2 899	25,764	63,282	2,456	1,987
76	99	1 924	16,058	37,517	2,336	1,868
77	100	1 228	9,626	21,459	2,229	1,761

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 421	99 421,072	1 563 292,081	15,724	15,255
1	25	99 049	93 003,833	1 463 871,009	15,740	15,271
2	26	99 003	87 286,797	1 370 867,176	15,705	15,237
3	27	98 969	81 931,217	1 283 580,379	15,667	15,198
4	28	98 937	76 905,787	1 201 649,162	15,625	15,156
5	29	98 903	72 187,299	1 124 743,375	15,581	15,112
6	30	98 867	67 757,154	1 052 556,075	15,534	15,066
7	31	98 827	63 595,783	984 798,921	15,485	15,017
8	32	98 787	59 690,458	921 203,138	15,433	14,964
9	33	98 745	56 023,383	861 512,680	15,378	14,909
10	34	98 702	52 580,954	805 489,296	15,319	14,850
11	35	98 654	49 347,832	752 908,343	15,257	14,788
12	36	98 605	46 313,312	703 560,510	15,191	14,723
13	37	98 554	43 463,747	657 247,199	15,122	14,653
14	38	98 497	40 787,747	613 783,452	15,048	14,579
15	39	98 425	38 270,058	572 995,705	14,972	14,504
16	40	98 350	35 906,984	534 725,647	14,892	14,423
17	41	98 258	33 684,021	498 818,664	14,809	14,340
18	42	98 158	31 596,092	465 134,642	14,721	14,253
19	43	98 043	29 632,784	433 538,550	14,630	14,162
20	44	97 915	27 787,890	403 905,766	14,535	14,067
21	45	97 777	26 055,334	376 117,876	14,435	13,967
22	46	97 625	24 427,010	350 062,542	14,331	13,862
23	47	97 462	22 897,842	325 635,532	14,221	13,752
24	48	97 289	21 462,066	302 737,690	14,106	13,637
25	49	97 087	20 110,497	281 275,624	13,987	13,518
26	50	96 875	18 841,832	261 165,127	13,861	13,392
27	51	96 651	17 650,971	242 323,295	13,729	13,260
28	52	96 400	16 530,532	224 672,324	13,591	13,123
29	53	96 128	15 477,906	208 141,793	13,448	12,979
30	54	95 831	14 488,367	192 663,886	13,298	12,829
31	55	95 501	13 557,187	178 175,519	13,143	12,674
32	56	95 132	12 680,625	164 618,332	12,982	12,513
33	57	94 732	11 856,578	151 937,707	12,815	12,346
34	58	94 291	11 081,137	140 081,129	12,641	12,173
35	59	93 809	10 351,596	128 999,992	12,462	11,993
36	60	93 292	9 666,303	118 648,396	12,274	11,806
37	61	92 720	9 020,694	108 982,093	12,081	11,613
38	62	92 103	8 413,723	99 961,399	11,881	11,412
39	63	91 440	7 843,363	91 547,675	11,672	11,203
40	64	90 722	7 306,808	83 704,312	11,456	10,987
41	65	89 932	6 801,155	76 397,504	11,233	10,764
42	66	89 097	6 326,712	69 596,348	11,000	10,532
43	67	88 189	5 880,039	63 269,637	10,760	10,291
44	68	87 218	5 460,390	57 389,598	10,510	10,041
45	69	86 150	5 064,346	51 929,208	10,254	9,785
46	70	84 988	4 691,102	46 864,863	9,990	9,521
47	71	83 734	4 339,818	42 173,760	9,718	9,249
48	72	82 391	4 009,596	37 833,942	9,436	8,967
49	73	80 955	3 699,258	33 824,346	9,144	8,675
50	74	79 390	3 406,309	30 125,089	8,844	8,375
51	75	77 714	3 130,900	26 718,780	8,534	8,065
52	76	75 937	2 872,602	23 587,880	8,211	7,743
53	77	73 992	2 628,181	20 715,278	7,882	7,413
54	78	71 892	2 397,735	18 087,097	7,543	7,075
55	79	69 547	2 177,958	15 689,362	7,204	6,735
56	80	66 964	1 969,076	13 511,404	6,862	6,393
57	81	64 097	1 769,749	11 542,328	6,522	6,053
58	82	60 912	1 579,159	9 772,580	6,188	5,720
59	83	57 432	1 398,063	8 193,421	5,861	5,392
60	84	53 691	1 227,221	6 795,358	5,537	5,068
61	85	49 699	1 066,641	5 568,137	5,220	4,752
62	86	45 418	915,286	4 501,496	4,918	4,449
63	87	40 964	775,131	3 586,210	4,627	4,158
64	88	36 391	646,578	2 811,079	4,348	3,879
65	89	31 776	530,117	2 164,500	4,083	3,614
66	90	27 234	426,612	1 634,383	3,831	3,362
67	91	22 832	335,828	1 207,772	3,596	3,128
68	92	18 662	257,748	871,944	3,383	2,914
69	93	14 872	192,867	614,196	3,185	2,716
70	94	11 516	140,229	421,329	3,005	2,536
71	95	8 668	99,103	281,101	2,836	2,368
72	96	6 317	67,819	181,997	2,684	2,215
73	97	4 395	44,299	114,178	2,577	2,109
74	98	2 992	28,319	69,879	2,468	1,999
75	99	1 991	17,697	41,560	2,348	1,880
76	100	1 276	10,647	23,863	2,241	1,773

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 403	99 403,183	1 560 009,454	15,694	15,225
1	26	99 030	92 986,142	1 460 606,272	15,708	15,239
2	27	98 984	87 270,370	1 367 620,130	15,671	15,202
3	28	98 947	81 913,587	1 280 349,760	15,630	15,162
4	29	98 913	76 887,665	1 198 436,173	15,587	15,118
5	30	98 877	72 168,619	1 121 548,509	15,541	15,072
6	31	98 836	67 735,667	1 049 379,889	15,492	15,024
7	32	98 796	63 575,814	981 644,222	15,441	14,972
8	33	98 754	59 670,006	918 068,408	15,386	14,917
9	34	98 710	56 003,197	858 398,402	15,328	14,859
10	35	98 662	52 559,606	802 395,206	15,266	14,798
11	36	98 613	49 327,495	749 835,600	15,201	14,732
12	37	98 560	46 292,077	700 508,105	15,132	14,664
13	38	98 507	43 443,116	654 216,028	15,059	14,590
14	39	98 438	40 763,142	610 772,912	14,983	14,515
15	40	98 365	38 247,052	570 009,770	14,903	14,435
16	41	98 282	35 882,362	531 762,718	14,820	14,351
17	42	98 185	33 659,086	495 880,356	14,732	14,264
18	43	98 080	31 571,013	462 221,270	14,641	14,172
19	44	97 954	29 605,876	430 650,257	14,546	14,077
20	45	97 820	27 760,919	401 044,381	14,446	13,978
21	46	97 665	26 025,313	373 283,462	14,343	13,874
22	47	97 506	24 397,270	347 258,149	14,233	13,765
23	48	97 328	22 866,465	322 860,880	14,119	13,651
24	49	97 134	21 427,854	299 994,415	14,000	13,531
25	50	96 918	20 075,342	278 566,560	13,876	13,407
26	51	96 696	18 806,914	258 491,218	13,744	13,276
27	52	96 444	17 613,151	239 684,304	13,608	13,140
28	53	96 175	16 491,966	222 071,154	13,465	12,997
29	54	95 881	15 438,164	205 579,187	13,316	12,848
30	55	95 555	14 446,515	190 141,023	13,162	12,693
31	56	95 191	13 513,188	175 694,508	13,002	12,533
32	57	94 792	12 635,267	162 181,321	12,836	12,367
33	58	94 360	11 810,052	149 546,054	12,663	12,194
34	59	93 881	11 032,940	137 736,002	12,484	12,015
35	60	93 367	10 302,878	126 703,062	12,298	11,829
36	61	92 800	9 615,304	116 400,184	12,106	11,637
37	62	92 193	8 969,404	106 784,880	11,905	11,437
38	63	91 538	8 362,110	97 815,476	11,697	11,229
39	64	90 823	7 790,429	89 453,367	11,482	11,014
40	65	90 044	7 252,207	81 662,937	11,260	10,792
41	66	89 216	6 746,947	74 410,731	11,029	10,560
42	67	88 316	6 271,277	67 663,783	10,789	10,321
43	68	87 353	5 824,283	61 392,507	10,541	10,072
44	69	86 305	5 403,243	55 568,224	10,284	9,815
45	70	85 155	5 005,829	50 164,981	10,021	9,553
46	71	83 917	4 632,000	45 159,152	9,749	9,281
47	72	82 587	4 280,355	40 527,152	9,468	8,999
48	73	81 171	3 950,199	36 246,797	9,176	8,707
49	74	79 626	3 638,530	32 296,597	8,876	8,408
50	75	77 973	3 345,530	28 658,067	8,566	8,097
51	76	76 219	3 070,688	25 312,538	8,243	7,775
52	77	74 300	2 810,651	22 241,849	7,913	7,445
53	78	72 231	2 565,640	19 431,198	7,574	7,105
54	79	69 919	2 331,922	16 865,558	7,232	6,764
55	80	67 362	2 109,538	14 533,636	6,889	6,421
56	81	64 522	1 897,280	12 424,098	6,548	6,080
57	82	61 362	1 694,226	10 526,817	6,213	5,745
58	83	57 904	1 501,181	8 832,591	5,884	5,415
59	84	54 175	1 318,777	7 331,410	5,559	5,091
60	85	50 192	1 147,252	6 012,633	5,241	4,772
61	86	45 915	985,443	4 865,381	4,937	4,469
62	87	41 459	835,491	3 879,938	4,644	4,175
63	88	36 870	697,660	3 044,446	4,364	3,895
64	89	32 235	572,738	2 346,786	4,097	3,629
65	90	27 660	461,458	1 774,048	3,844	3,376
66	91	23 217	363,697	1 312,591	3,609	3,140
67	92	19 004	279,532	948,894	3,395	2,926
68	93	15 163	209,420	669,363	3,196	2,728
69	94	11 764	152,562	459,943	3,015	2,546
70	95	8 866	107,953	307,381	2,847	2,379
71	96	6 477	74,052	199,428	2,693	2,224
72	97	4 513	48,447	125,375	2,588	2,119
73	98	3 080	31,053	76,929	2,477	2,009
74	99	2 055	19,452	45,876	2,358	1,890
75	100	1 320	11,734	26,424	2,252	1,783

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1	0	99 644	93 562,229	1 502 773,652	16,062	15,593
2	1	99 317	87 563,622	1 409 211,423	16,094	15,625
3	2	99 277	82 186,146	1 321 647,801	16,081	15,612
4	3	99 254	77 152,098	1 239 461,654	16,065	15,596
5	4	99 233	72 428,097	1 162 309,556	16,048	15,579
6	5	99 213	67 994,264	1 089 881,460	16,029	15,560
7	6	99 195	63 832,889	1 021 887,196	16,009	15,540
8	7	99 178	59 926,520	958 054,307	15,987	15,518
9	8	99 165	56 261,607	898 127,787	15,963	15,495
10	9	99 150	52 819,892	841 866,180	15,938	15,470
11	10	99 136	49 589,180	789 046,287	15,912	15,443
12	11	99 123	46 556,283	739 457,107	15,883	15,414
13	12	99 108	43 708,430	692 900,824	15,853	15,384
14	13	99 091	41 033,622	649 192,394	15,821	15,352
15	14	99 068	38 520,366	608 158,772	15,788	15,319
16	15	99 043	36 160,241	569 638,406	15,753	15,284
17	16	99 007	33 940,745	533 478,165	15,718	15,249
18	17	98 965	31 855,797	499 537,420	15,681	15,212
19	18	98 914	29 896,014	467 681,623	15,644	15,175
20	19	98 855	28 054,683	437 785,609	15,605	15,136
21	20	98 795	26 326,447	409 730,926	15,563	15,095
22	21	98 736	24 705,083	383 404,479	15,519	15,051
23	22	98 675	23 182,914	358 699,396	15,473	15,004
24	23	98 619	21 755,537	335 516,482	15,422	14,953
25	24	98 554	20 414,359	313 760,946	15,370	14,901
26	25	98 493	19 156,570	293 346,587	15,313	14,844
27	26	98 430	17 975,716	274 190,016	15,253	14,785
28	27	98 366	16 867,637	256 214,300	15,190	14,721
29	28	98 297	15 827,071	239 346,663	15,123	14,654
30	29	98 222	14 849,847	223 519,592	15,052	14,583
31	30	98 142	13 932,084	208 669,745	14,978	14,509
32	31	98 050	13 069,567	194 737,661	14,900	14,431
33	32	97 957	12 260,262	181 668,094	14,818	14,349
34	33	97 852	11 499,619	169 407,832	14,732	14,263
35	34	97 742	10 785,567	157 908,213	14,641	14,172
36	35	97 623	10 115,060	147 122,646	14,545	14,076
37	36	97 499	9 485,635	137 007,586	14,444	13,975
38	37	97 359	8 893,893	127 521,951	14,338	13,869
39	38	97 209	8 338,197	118 628,058	14,227	13,758
40	39	97 042	7 815,854	110 289,861	14,111	13,642
41	40	96 864	7 325,340	102 474,007	13,989	13,520
42	41	96 668	6 864,369	95 148,667	13,861	13,392
43	42	96 458	6 431,366	88 284,298	13,727	13,258
44	43	96 233	6 024,757	81 852,932	13,586	13,117
45	44	95 972	5 641,750	75 828,175	13,441	12,972
46	45	95 691	5 281,910	70 186,425	13,288	12,819
47	46	95 373	4 943,031	64 904,514	13,131	12,662
48	47	95 031	4 624,715	59 961,484	12,965	12,497
49	48	94 649	4 324,990	55 336,768	12,795	12,326
50	49	94 217	4 042,503	51 011,779	12,619	12,150
51	50	93 740	3 776,546	46 969,276	12,437	11,968
52	51	93 220	3 526,378	43 192,730	12,248	11,780
53	52	92 635	3 290,377	39 666,352	12,055	11,587
54	53	91 985	3 067,869	36 375,975	11,857	11,388
55	54	91 261	2 857,957	33 308,107	11,655	11,186
56	55	90 459	2 659,955	30 450,150	11,448	10,979
57	56	89 572	2 473,105	27 790,195	11,237	10,768
58	57	88 597	2 296,892	25 317,090	11,022	10,554
59	58	87 529	2 130,721	23 020,198	10,804	10,335
60	59	86 370	1 974,173	20 889,477	10,581	10,113
61	60	85 118	1 826,821	18 915,304	10,354	9,885
62	61	83 753	1 687,810	17 088,483	10,125	9,656
63	62	82 282	1 556,971	15 400,673	9,891	9,423
64	63	80 716	1 434,119	13 843,702	9,653	9,184
65	64	79 029	1 318,440	12 409,583	9,412	8,944
66	65	77 229	1 209,773	11 091,143	9,168	8,699
67	66	75 341	1 108,170	9 881,370	8,917	8,448
68	67	73 337	1 012,856	8 773,200	8,662	8,193
69	68	71 248	923,953	7 760,344	8,399	7,930
70	69	69 015	840,368	6 836,391	8,135	7,666
71	70	66 696	762,565	5 996,023	7,863	7,394
72	71	64 233	689,583	5 233,458	7,589	7,121
73	72	61 694	621,902	4 543,875	7,306	6,838
74	73	59 033	558,758	3 921,973	7,019	6,550
75	74	56 259	500,001	3 363,216	6,726	6,258
76	75	53 397	445,604	2 863,215	6,425	5,957
77	76	50 424	395,107	2 417,611	6,119	5,650
78	77	47 328	348,219	2 022,504	5,808	5,339
79	78	44 101	304,673	1 674,285	5,495	5,027
80	79	40 726	264,184	1 369,612	5,184	4,716
81	80	37 221	226,711	1 105,428	4,876	4,407
82	81	33 550	191,876	878,718	4,580	4,111
83	82	29 784	159,946	686,842	4,294	3,825
84	83	26 007	131,137	526,896	4,018	3,549
85	84	22 275	105,465	395,759	3,752	3,284
86	85	18 644	82,885	290,293	3,502	3,034
87	86	15 197	63,438	207,409	3,269	2,801
88	87	12 040	47,190	143,970	3,051	2,582
89	88	9 225	33,951	96,780	2,851	2,382
90	89	6 822	23,576	62,829	2,665	2,196
91	90	4 860	15,771	39,253	2,489	2,020
92	91	3 319	10,111	23,482	2,322	1,854
93	92	2 140	6,122	13,371	2,184	1,715
94	93	1 315	3,533	7,249	2,052	1,583
95	94	760	1,916	3,716	1,940	1,471
96	95	415	0,983	1,800	1,831	1,362
97	96	210	0,467	0,817	1,748	1,279
98	97	100	0,208	0,350	1,681	1,212
99	98	45	0,087	0,142	1,618	1,149
100	99	19	0,035	0,054	1,555	1,086

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2	0	99 616	87 827,574	1 410 015,118	16,054	15,586
3	1	99 301	82 206,529	1 322 187,544	16,084	15,615
4	2	99 266	77 161,683	1 239 981,016	16,070	15,601
5	3	99 243	72 435,567	1 162 819,332	16,053	15,584
6	4	99 223	68 000,771	1 090 383,765	16,035	15,566
7	5	99 204	63 838,575	1 022 382,995	16,015	15,546
8	6	99 187	59 931,822	958 544,419	15,994	15,525
9	7	99 170	56 264,221	898 612,597	15,971	15,503
10	8	99 157	52 823,573	842 348,376	15,946	15,478
11	9	99 142	49 592,213	789 524,803	15,920	15,452
12	10	99 129	46 559,006	739 932,589	15,892	15,424
13	11	99 116	43 711,810	693 373,583	15,862	15,394
14	12	99 099	41 036,844	649 661,773	15,831	15,362
15	13	99 078	38 523,995	608 624,928	15,799	15,330
16	14	99 052	36 163,575	570 100,933	15,765	15,296
17	15	99 019	33 944,875	533 937,358	15,730	15,261
18	16	98 980	31 860,488	499 992,482	15,693	15,224
19	17	98 927	29 900,085	468 131,994	15,657	15,188
20	18	98 874	28 060,211	438 231,909	15,618	15,149
21	19	98 812	26 331,050	410 171,697	15,577	15,109
22	20	98 755	24 709,651	383 840,648	15,534	15,065
23	21	98 692	23 186,737	359 130,996	15,489	15,020
24	22	98 635	21 759,079	335 944,259	15,439	14,971
25	23	98 572	20 418,034	314 185,180	15,388	14,919
26	24	98 511	19 160,018	293 767,147	15,332	14,864
27	25	98 448	17 979,136	274 607,128	15,274	14,805
28	26	98 384	16 870,812	256 627,992	15,211	14,743
29	27	98 318	15 830,477	239 757,180	15,145	14,677
30	28	98 245	14 853,347	223 926,703	15,076	14,607
31	29	98 167	13 935,691	209 073,356	15,003	14,534
32	30	98 081	13 073,713	195 137,665	14,926	14,457
33	31	97 988	12 264,113	182 063,952	14,845	14,377
34	32	97 886	11 503,560	169 799,839	14,761	14,292
35	33	97 777	10 789,455	158 296,279	14,671	14,203
36	34	97 663	10 119,168	147 506,824	14,577	14,108
37	35	97 540	9 489,546	137 387,656	14,478	14,009
38	36	97 404	8 897,972	127 898,110	14,374	13,905
39	37	97 255	8 342,157	119 000,137	14,265	13,796
40	38	97 101	7 820,571	110 657,981	14,150	13,681
41	39	96 922	7 329,746	102 837,409	14,030	13,561
42	40	96 735	6 869,079	95 507,663	13,904	13,435
43	41	96 529	6 436,131	88 638,584	13,772	13,303
44	42	96 309	6 029,543	82 202,453	13,633	13,165
45	43	96 060	5 646,878	76 172,910	13,489	13,021
46	44	95 784	5 287,042	70 526,032	13,339	12,871
47	45	95 483	4 948,733	65 238,990	13,183	12,714
48	46	95 147	4 630,353	60 290,257	13,021	12,552
49	47	94 779	4 330,924	55 659,905	12,852	12,383
50	48	94 368	4 048,957	51 328,980	12,677	12,208
51	49	93 904	3 783,159	47 280,023	12,497	12,029
52	50	93 393	3 532,925	43 496,864	12,312	11,843
53	51	92 834	3 297,442	39 963,939	12,120	11,651
54	52	92 200	3 075,043	36 666,497	11,924	11,455
55	53	91 496	2 865,314	33 591,454	11,723	11,255
56	54	90 721	2 667,661	30 726,140	11,518	11,049
57	55	89 863	2 481,157	28 058,479	11,309	10,840
58	56	88 915	2 305,137	25 577,322	11,096	10,627
59	57	87 874	2 139,115	23 272,184	10,879	10,411
60	58	86 747	1 982,797	21 133,069	10,658	10,189
61	59	85 521	1 835,459	19 150,273	10,434	9,965
62	60	84 197	1 696,763	17 314,813	10,205	9,736
63	61	82 753	1 565,874	15 618,051	9,974	9,505
64	62	81 214	1 442,971	14 052,177	9,738	9,270
65	63	79 566	1 327,399	12 609,206	9,499	9,030
66	64	77 810	1 218,881	11 281,807	9,256	8,787
67	65	75 946	1 117,073	10 062,926	9,008	8,540
68	66	73 985	1 021,809	8 945,853	8,755	8,286
69	67	71 930	932,798	7 924,043	8,495	8,026
70	68	69 745	849,256	6 991,246	8,232	7,763
71	69	67 476	771,479	6 141,989	7,961	7,493
72	70	65 053	698,381	5 370,510	7,690	7,221
73	71	62 551	630,541	4 672,129	7,410	6,941
74	72	59 921	567,159	4 041,587	7,126	6,657
75	73	57 198	508,346	3 474,428	6,835	6,366
76	74	54 367	453,700	2 966,082	6,538	6,069
77	75	51 412	402,854	2 512,382	6,236	5,768
78	76	48 372	355,894	2 109,528	5,927	5,459
79	77	45 176	312,099	1 753,634	5,619	5,150
80	78	41 876	271,640	1 441,534	5,307	4,838
81	79	38 428	234,064	1 169,894	4,998	4,529
82	80	34 819	199,137	935,831	4,699	4,231
83	81	31 112	167,075	736,694	4,409	3,941
84	82	27 358	137,949	569,618	4,129	3,660
85	83	23 615	111,806	431,669	3,861	3,392
86	84	19 944	88,662	319,863	3,608	3,139
87	85	16 450	68,665	231,201	3,367	2,898
88	86	13 190	51,697	162,536	3,144	2,675
89	87	10 249	37,721	110,838	2,938	2,470
90	88	7 702	26,615	73,117	2,747	2,278
91	89	5 584	18,118	46,502	2,567	2,098
92	90	3 893	11,860	28,384	2,393	1,924
93	91	2 571	7,354	16,524	2,247	1,778
94	92	1 619	4,349	9,169	2,108	1,640
95	93	960	2,422	4,821	1,990	1,522
96	94	539	1,277	2,399	1,878	1,410
97	95	281	0,625	1,122	1,793	1,325
98	96	139	0,291	0,496	1,704	1,235
99	97	64	0,125	0,205	1,643	1,174
100	98	27	0,051	0,080	1,584	1,116

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 601	82 454,332	1 322 929,981	16,044	15,576
4	1	99 291	77 180,820	1 240 475,649	16,072	15,604
5	2	99 255	72 444,566	1 163 294,830	16,058	15,589
6	3	99 233	68 007,784	1 090 850,263	16,040	15,571
7	4	99 214	63 844,684	1 022 842,479	16,021	15,552
8	5	99 196	59 937,161	958 997,795	16,000	15,531
9	6	99 178	56 269,199	899 060,634	15,978	15,509
10	7	99 162	52 826,028	842 791,435	15,954	15,485
11	8	99 149	49 595,669	789 965,407	15,928	15,459
12	9	99 135	46 561,855	740 369,738	15,901	15,432
13	10	99 122	43 714,367	693 807,883	15,871	15,403
14	11	99 106	41 040,018	650 093,516	15,840	15,372
15	12	99 085	38 527,021	609 053,498	15,808	15,340
16	13	99 062	36 166,983	570 526,477	15,775	15,306
17	14	99 028	33 948,006	534 359,495	15,741	15,272
18	15	98 992	31 864,365	500 411,489	15,704	15,236
19	16	98 942	29 904,488	468 547,124	15,668	15,199
20	17	98 888	28 064,033	438 642,635	15,630	15,161
21	18	98 832	26 336,238	410 578,603	15,590	15,121
22	19	98 772	24 713,971	384 242,364	15,548	15,079
23	20	98 710	23 191,025	359 528,393	15,503	15,034
24	21	98 651	21 762,668	336 337,369	15,455	14,986
25	22	98 588	20 421,358	314 574,701	15,404	14,935
26	23	98 529	19 163,467	294 153,342	15,350	14,881
27	24	98 466	17 982,372	274 989,876	15,292	14,823
28	25	98 403	16 874,022	257 007,504	15,231	14,762
29	26	98 336	15 833,457	240 133,482	15,166	14,697
30	27	98 267	14 856,544	224 300,025	15,098	14,629
31	28	98 190	13 938,975	209 443,481	15,026	14,557
32	29	98 107	13 077,097	195 504,505	14,950	14,481
33	30	98 019	12 268,004	182 427,409	14,870	14,401
34	31	97 916	11 507,174	170 159,405	14,787	14,319
35	32	97 810	10 793,153	158 652,232	14,699	14,231
36	33	97 698	10 122,816	147 859,079	14,607	14,138
37	34	97 579	9 493,400	137 736,263	14,509	14,040
38	35	97 444	8 901,641	128 242,863	14,407	13,938
39	36	97 300	8 345,983	119 341,221	14,299	13,830
40	37	97 147	7 824,285	110 995,238	14,186	13,717
41	38	96 981	7 334,170	103 170,953	14,067	13,598
42	39	96 793	6 873,211	95 836,782	13,944	13,475
43	40	96 595	6 440,547	88 963,571	13,813	13,344
44	41	96 380	6 034,010	82 523,024	13,676	13,208
45	42	96 136	5 651,364	76 489,014	13,535	13,066
46	43	95 871	5 291,847	70 837,650	13,386	12,917
47	44	95 576	4 953,540	65 545,803	13,232	12,763
48	45	95 257	4 635,694	60 592,263	13,071	12,602
49	46	94 894	4 336,204	55 956,569	12,905	12,436
50	47	94 497	4 054,513	51 620,365	12,732	12,263
51	48	94 054	3 789,199	47 565,852	12,553	12,084
52	49	93 556	3 539,112	43 776,653	12,369	11,901
53	50	93 006	3 303,564	40 237,541	12,180	11,711
54	51	92 398	3 081,646	36 933,977	11,985	11,516
55	52	91 710	2 872,014	33 852,331	11,787	11,318
56	53	90 955	2 674,528	30 980,317	11,583	11,115
57	54	90 124	2 488,346	28 305,788	11,375	10,907
58	55	89 204	2 312,643	25 817,443	11,164	10,695
59	56	88 190	2 146,794	23 504,800	10,949	10,480
60	57	87 089	1 990,608	21 358,006	10,729	10,261
61	58	85 894	1 843,477	19 367,398	10,506	10,037
62	59	84 595	1 704,786	17 523,920	10,279	9,811
63	60	83 192	1 574,179	15 819,134	10,049	9,580
64	61	81 679	1 451,222	14 244,955	9,816	9,347
65	62	80 057	1 335,592	12 793,733	9,579	9,110
66	63	78 339	1 227,163	11 458,141	9,337	8,868
67	64	76 518	1 125,484	10 230,978	9,090	8,622
68	65	74 579	1 030,019	9 105,494	8,840	8,371
69	66	72 566	941,043	8 075,475	8,581	8,113
70	67	70 412	857,386	7 134,432	8,321	7,852
71	68	68 189	779,639	6 277,046	8,051	7,582
72	69	65 813	706,545	5 497,407	7,781	7,312
73	70	63 349	638,587	4 790,862	7,502	7,034
74	71	60 753	575,038	4 152,275	7,221	6,752
75	72	58 058	515,990	3 577,236	6,933	6,464
76	73	55 275	461,272	3 061,247	6,637	6,168
77	74	52 346	410,173	2 599,975	6,339	5,870
78	75	49 320	362,873	2 189,802	6,035	5,566
79	76	46 172	318,979	1 826,929	5,727	5,259
80	77	42 896	278,262	1 507,950	5,419	4,950
81	78	39 513	240,670	1 229,689	5,109	4,641
82	79	35 949	205,596	989,019	4,811	4,342
83	80	32 289	173,398	783,424	4,518	4,049
84	81	28 578	144,098	610,026	4,233	3,765
85	82	24 841	117,614	465,928	3,962	3,493
86	83	21 143	93,993	348,314	3,706	3,237
87	84	17 596	73,452	254,321	3,462	2,994
88	85	14 276	55,957	180,870	3,232	2,764
89	86	11 228	41,324	124,913	3,023	2,554
90	87	8 557	29,571	83,589	2,827	2,358
91	88	6 304	20,453	54,018	2,641	2,172
92	89	4 472	13,625	33,565	2,463	1,995
93	90	3 015	8,627	19,939	2,311	1,843
94	91	1 945	5,225	11,313	2,165	1,697
95	92	1 182	2,981	6,088	2,042	1,574
96	93	682	1,614	3,107	1,925	1,456
97	94	365	0,812	1,493	1,837	1,369
98	95	187	0,390	0,680	1,746	1,278
99	96	89	0,175	0,291	1,664	1,196
100	97	39	0,072	0,116	1,607	1,139

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4	0	99 590	77 413,474	1 241 161,342	16,033	15,564
5	1	99 280	72 462,533	1 163 747,869	16,060	15,591
6	2	99 245	68 016,234	1 091 285,336	16,044	15,576
7	3	99 224	63 851,269	1 023 269,102	16,026	15,557
8	4	99 205	59 942,897	959 417,833	16,006	15,537
9	5	99 187	56 274,212	899 474,936	15,984	15,515
10	6	99 170	52 830,701	843 200,725	15,960	15,492
11	7	99 154	49 597,974	790 370,024	15,936	15,467
12	8	99 142	46 565,100	740 772,050	15,908	15,440
13	9	99 128	43 717,042	694 206,951	15,880	15,411
14	10	99 112	41 042,419	650 489,909	15,849	15,380
15	11	99 093	38 530,000	609 447,491	15,817	15,349
16	12	99 070	36 169,823	570 917,490	15,784	15,316
17	13	99 037	33 951,204	534 747,667	15,750	15,282
18	14	99 001	31 867,304	500 796,463	15,715	15,246
19	15	98 954	29 908,127	468 929,159	15,679	15,210
20	16	98 902	28 068,166	439 021,032	15,641	15,173
21	17	98 845	26 339,825	410 952,867	15,602	15,133
22	18	98 791	24 718,841	384 613,042	15,560	15,091
23	19	98 727	23 195,079	359 894,201	15,516	15,047
24	20	98 670	21 766,692	336 699,122	15,469	15,000
25	21	98 604	20 424,726	314 932,430	15,419	14,950
26	22	98 545	19 166,587	294 507,703	15,366	14,897
27	23	98 484	17 985,609	275 341,116	15,309	14,840
28	24	98 421	16 877,058	257 355,507	15,249	14,780
29	25	98 355	15 836,470	240 478,449	15,185	14,716
30	26	98 285	14 859,341	224 641,979	15,118	14,649
31	27	98 211	13 941,975	209 782,639	15,047	14,578
32	28	98 130	13 080,179	195 840,663	14,972	14,504
33	29	98 045	12 271,179	182 760,484	14,893	14,425
34	30	97 947	11 510,824	170 489,305	14,811	14,342
35	31	97 841	10 796,543	158 978,481	14,725	14,256
36	32	97 732	10 126,285	148 181,938	14,633	14,165
37	33	97 614	9 496,822	138 055,653	14,537	14,068
38	34	97 484	8 905,257	128 558,831	14,436	13,968
39	35	97 340	8 349,424	119 653,574	14,331	13,862
40	36	97 191	7 827,874	111 304,150	14,219	13,750
41	37	97 027	7 337,653	103 476,275	14,102	13,633
42	38	96 851	6 877,360	96 138,622	13,979	13,510
43	39	96 653	6 444,421	89 261,262	13,851	13,382
44	40	96 447	6 038,150	82 816,841	13,716	13,247
45	41	96 207	5 655,550	76 778,691	13,576	13,107
46	42	95 948	5 296,051	71 123,140	13,429	12,961
47	43	95 663	4 958,043	65 827,089	13,277	12,808
48	44	95 349	4 640,198	60 869,047	13,118	12,649
49	45	95 004	4 341,206	56 228,849	12,952	12,484
50	46	94 612	4 059,455	51 887,643	12,782	12,313
51	47	94 183	3 794,399	47 828,188	12,605	12,136
52	48	93 706	3 544,762	44 033,789	12,422	11,953
53	49	93 169	3 309,349	40 489,027	12,235	11,766
54	50	92 569	3 087,367	37 179,677	12,043	11,574
55	51	91 907	2 878,181	34 092,310	11,845	11,376
56	52	91 167	2 680,782	31 214,129	11,644	11,175
57	53	90 356	2 494,751	28 533,346	11,437	10,969
58	54	89 463	2 319,343	26 038,595	11,227	10,758
59	55	88 477	2 153,784	23 719,252	11,013	10,544
60	56	87 401	1 997,754	21 565,468	10,795	10,326
61	57	86 233	1 850,740	19 567,714	10,573	10,104
62	58	84 965	1 712,233	17 716,974	10,347	9,879
63	59	83 585	1 581,623	16 004,741	10,119	9,650
64	60	82 112	1 458,920	14 423,118	9,886	9,417
65	61	80 515	1 343,229	12 964,198	9,652	9,183
66	62	78 822	1 234,737	11 620,969	9,412	8,943
67	63	77 038	1 133,131	10 386,232	9,166	8,697
68	64	75 141	1 037,774	9 253,101	8,916	8,448
69	65	73 149	948,604	8 215,327	8,660	8,192
70	66	71 035	864,965	7 266,723	8,401	7,932
71	67	68 842	787,102	6 401,758	8,133	7,665
72	68	66 509	714,018	5 614,655	7,863	7,395
73	69	64 090	646,052	4 900,637	7,586	7,117
74	70	61 528	582,375	4 254,586	7,306	6,837
75	71	58 864	523,158	3 672,210	7,019	6,551
76	72	56 106	468,208	3 149,052	6,726	6,257
77	73	53 220	417,019	2 680,845	6,429	5,960
78	74	50 216	369,465	2 263,826	6,127	5,659
79	75	47 078	325,233	1 894,360	5,825	5,356
80	76	43 842	284,395	1 569,127	5,517	5,049
81	77	40 476	246,536	1 284,732	5,211	4,742
82	78	36 963	211,398	1 038,196	4,911	4,442
83	79	33 337	179,022	826,798	4,618	4,150
84	80	29 659	149,551	647,776	4,331	3,863
85	81	25 949	122,856	498,225	4,055	3,587
86	82	22 241	98,875	375,369	3,796	3,328
87	83	18 654	77,868	276,494	3,551	3,082
88	84	15 272	59,858	198,626	3,318	2,850
89	85	12 154	44,729	138,768	3,102	2,634
90	86	9 374	32,395	94,040	2,903	2,434
91	87	7 003	22,725	61,645	2,713	2,244
92	88	5 049	15,382	38,920	2,530	2,062
93	89	3 464	9,910	23,538	2,375	1,906
94	90	2 281	6,128	13,628	2,224	1,755
95	91	1 420	3,581	7,500	2,094	1,625
96	92	839	1,987	3,918	1,972	1,503
97	93	462	1,027	1,932	1,881	1,412
98	94	242	0,506	0,904	1,787	1,318
99	95	119	0,234	0,398	1,704	1,235
100	96	55	0,101	0,165	1,627	1,159

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5	0	99 579	72 680,964	1 164 381,043	16,020	15,552
6	1	99 270	68 033,102	1 091 700,080	16,047	15,578
7	2	99 236	63 859,202	1 023 666,978	16,030	15,561
8	3	99 215	59 949,079	959 807,776	16,010	15,542
9	4	99 197	56 279,597	899 858,696	15,989	15,520
10	5	99 179	52 835,408	843 579,100	15,966	15,497
11	6	99 163	49 602,361	790 743,692	15,942	15,473
12	7	99 146	46 567,263	741 141,331	15,916	15,447
13	8	99 135	43 720,088	694 574,068	15,887	15,418
14	9	99 118	41 044,929	650 853,980	15,857	15,388
15	10	99 099	38 532,254	609 809,050	15,826	15,357
16	11	99 077	36 172,620	571 276,796	15,793	15,324
17	12	99 045	33 953,870	535 104,176	15,760	15,291
18	13	99 010	31 870,306	501 150,306	15,725	15,256
19	14	98 963	29 910,885	469 279,999	15,689	15,221
20	15	98 914	28 071,581	439 369,114	15,652	15,183
21	16	98 860	26 343,704	411 297,533	15,613	15,144
22	17	98 805	24 722,207	384 953,829	15,571	15,102
23	18	98 747	23 199,650	360 231,622	15,527	15,059
24	19	98 687	21 770,497	337 031,972	15,481	15,012
25	20	98 623	20 428,503	315 261,475	15,432	14,964
26	21	98 561	19 169,748	294 832,972	15,380	14,911
27	22	98 500	17 988,538	275 663,224	15,324	14,856
28	23	98 438	16 880,096	257 674,686	15,265	14,796
29	24	98 373	15 839,320	240 794,590	15,202	14,734
30	25	98 304	14 862,168	224 955,270	15,136	14,667
31	26	98 230	13 944,600	210 093,102	15,066	14,598
32	27	98 151	13 082,994	196 148,503	14,993	14,524
33	28	98 068	12 274,071	183 065,509	14,915	14,446
34	29	97 973	11 513,803	170 791,437	14,834	14,365
35	30	97 872	10 799,968	159 277,634	14,748	14,279
36	31	97 763	10 129,466	148 477,666	14,658	14,189
37	32	97 648	9 500,077	138 348,200	14,563	14,094
38	33	97 519	8 908,467	128 848,122	14,464	13,995
39	34	97 380	8 352,816	119 939,656	14,359	13,890
40	35	97 232	7 831,102	111 586,840	14,249	13,780
41	36	97 071	7 341,019	103 755,738	14,134	13,665
42	37	96 897	6 880,626	96 414,719	14,012	13,544
43	38	96 712	6 448,311	89 534,093	13,885	13,416
44	39	96 505	6 041,782	83 085,782	13,752	13,283
45	40	96 273	5 659,431	77 044,000	13,613	13,145
46	41	96 019	5 299,974	71 384,569	13,469	13,000
47	42	95 739	4 961,981	66 084,595	13,318	12,849
48	43	95 436	4 644,415	61 122,614	13,160	12,692
49	44	95 096	4 345,423	56 478,198	12,997	12,528
50	45	94 722	4 064,138	52 132,775	12,828	12,359
51	46	94 298	3 799,024	48 068,637	12,653	12,184
52	47	93 834	3 549,626	44 269,613	12,472	12,003
53	48	93 318	3 314,633	40 719,986	12,285	11,816
54	49	92 731	3 092,774	37 405,353	12,094	11,626
55	50	92 077	2 883,525	34 312,579	11,900	11,431
56	51	91 363	2 686,539	31 429,054	11,699	11,230
57	52	90 567	2 500,585	28 742,515	11,494	11,026
58	53	89 693	2 325,314	26 241,930	11,285	10,817
59	54	88 733	2 160,024	23 916,617	11,072	10,604
60	55	87 686	2 004,259	21 756,593	10,855	10,386
61	56	86 542	1 857,384	19 752,334	10,634	10,166
62	57	85 299	1 718,979	17 894,951	10,410	9,941
63	58	83 950	1 588,532	16 175,972	10,183	9,714
64	59	82 500	1 465,818	14 587,440	9,952	9,483
65	60	80 942	1 350,354	13 121,622	9,717	9,248
66	61	79 273	1 241,798	11 771,268	9,479	9,010
67	62	77 513	1 140,125	10 529,470	9,235	8,767
68	63	75 651	1 044,825	9 389,345	8,987	8,518
69	64	73 700	955,746	8 344,519	8,731	8,262
70	65	71 606	871,915	7 388,773	8,474	8,005
71	66	69 451	794,060	6 516,859	8,207	7,738
72	67	67 146	720,853	5 722,799	7,939	7,470
73	68	64 768	652,885	5 001,946	7,661	7,193
74	69	62 247	589,183	4 349,061	7,382	6,913
75	70	59 616	529,833	3 759,878	7,096	6,628
76	71	56 885	474,712	3 230,045	6,804	6,335
77	72	54 020	423,289	2 755,332	6,509	6,041
78	73	51 054	375,632	2 332,043	6,208	5,740
79	74	47 933	331,142	1 956,411	5,908	5,439
80	75	44 702	289,971	1 625,270	5,605	5,136
81	76	41 368	251,970	1 335,298	5,299	4,831
82	77	37 864	216,551	1 083,328	5,003	4,534
83	78	34 278	184,074	866,777	4,709	4,240
84	79	30 621	154,402	682,703	4,422	3,953
85	80	26 931	127,506	528,301	4,143	3,675
86	81	23 232	103,282	400,796	3,881	3,412
87	82	19 623	81,912	297,513	3,632	3,163
88	83	16 190	63,456	215,601	3,398	2,929
89	84	13 001	47,847	152,144	3,180	2,711
90	85	10 147	35,064	104,298	2,974	2,506
91	86	7 672	24,895	69,234	2,781	2,312
92	87	5 609	17,090	44,339	2,594	2,126
93	88	3 911	11,188	27,249	2,436	1,967
94	89	2 621	7,040	16,061	2,281	1,813
95	90	1 665	4,201	9,020	2,147	1,679
96	91	1 008	2,387	4,820	2,019	1,550
97	92	568	1,264	2,433	1,924	1,456
98	93	306	0,640	1,169	1,827	1,358
99	94	155	0,304	0,529	1,741	1,272
100	95	73	0,135	0,225	1,664	1,195

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	68 238,181	1 092 284,693	16,007	15,538
7	1	99 261	63 875,039	1 024 046,512	16,032	15,563
8	2	99 228	59 956,527	960 171,473	16,014	15,546
9	3	99 207	56 285,401	900 214,945	15,994	15,525
10	4	99 189	52 840,464	843 929,544	15,971	15,503
11	5	99 171	49 606,780	791 089,080	15,947	15,478
12	6	99 155	46 571,383	741 482,300	15,921	15,453
13	7	99 139	43 722,119	694 910,918	15,894	15,425
14	8	99 125	41 047,790	651 188,798	15,864	15,395
15	9	99 105	38 534,611	610 141,008	15,834	15,365
16	10	99 083	36 174,736	571 606,397	15,801	15,333
17	11	99 053	33 956,496	535 431,661	15,768	15,299
18	12	99 018	31 872,809	501 475,165	15,734	15,265
19	13	98 972	29 913,704	469 602,356	15,699	15,230
20	14	98 923	28 074,170	439 688,652	15,662	15,193
21	15	98 872	26 346,910	411 614,482	15,623	15,154
22	16	98 819	24 725,848	385 267,573	15,582	15,113
23	17	98 760	23 202,809	360 541,725	15,539	15,070
24	18	98 706	21 774,787	337 338,916	15,492	15,023
25	19	98 640	20 432,074	315 564,129	15,445	14,976
26	20	98 579	19 173,293	295 132,054	15,393	14,924
27	21	98 516	17 991,504	275 958,761	15,338	14,870
28	22	98 454	16 882,845	257 967,257	15,280	14,811
29	23	98 391	15 842,171	241 084,412	15,218	14,749
30	24	98 322	14 864,842	225 242,241	15,153	14,684
31	25	98 249	13 947,253	210 377,399	15,084	14,615
32	26	98 169	13 085,457	196 430,146	15,011	14,543
33	27	98 089	12 276,713	183 344,689	14,934	14,466
34	28	97 996	11 516,517	171 067,976	14,854	14,385
35	29	97 897	10 802,763	159 551,459	14,770	14,301
36	30	97 794	10 132,679	148 748,695	14,680	14,211
37	31	97 679	9 503,061	138 616,016	14,586	14,118
38	32	97 552	8 911,520	129 112,955	14,488	14,020
39	33	97 415	8 355,827	120 201,435	14,385	13,917
40	34	97 271	7 834,283	111 845,608	14,276	13,808
41	35	97 111	7 344,046	104 011,326	14,163	13,694
42	36	96 942	6 883,782	96 667,280	14,043	13,574
43	37	96 758	6 451,373	89 783,498	13,917	13,448
44	38	96 563	6 045,429	83 332,125	13,784	13,316
45	39	96 331	5 662,835	77 286,695	13,648	13,179
46	40	96 085	5 303,611	71 623,860	13,505	13,036
47	41	95 809	4 965,657	66 320,249	13,356	12,887
48	42	95 512	4 648,105	61 354,592	13,200	12,731
49	43	95 183	4 349,373	56 706,487	13,038	12,569
50	44	94 814	4 068,086	52 357,114	12,870	12,401
51	45	94 407	3 803,407	48 289,028	12,696	12,228
52	46	93 949	3 553,953	44 485,621	12,517	12,048
53	47	93 446	3 319,181	40 931,668	12,332	11,863
54	48	92 879	3 097,712	37 612,487	12,142	11,673
55	49	92 238	2 888,574	34 514,775	11,949	11,480
56	50	91 533	2 691,527	31 626,201	11,750	11,282
57	51	90 761	2 505,955	28 934,674	11,546	11,078
58	52	89 903	2 330,751	26 428,719	11,339	10,870
59	53	88 961	2 165,584	24 097,968	11,128	10,659
60	54	87 940	2 010,065	21 932,384	10,911	10,443
61	55	86 824	1 863,431	19 922,319	10,691	10,222
62	56	85 606	1 725,149	18 058,887	10,468	9,999
63	57	84 281	1 594,790	16 333,738	10,242	9,773
64	58	82 861	1 472,222	14 738,948	10,011	9,543
65	59	81 324	1 356,739	13 266,726	9,778	9,310
66	60	79 693	1 248,385	11 909,987	9,540	9,072
67	61	77 957	1 146,645	10 661,603	9,298	8,829
68	62	76 118	1 051,274	9 514,958	9,051	8,582
69	63	74 200	962,240	8 463,683	8,796	8,327
70	64	72 145	878,479	7 501,443	8,539	8,070
71	65	70 009	800,440	6 622,964	8,274	7,805
72	66	67 739	727,225	5 822,524	8,006	7,538
73	67	65 388	659,135	5 095,299	7,730	7,262
74	68	62 906	595,415	4 436,164	7,451	6,982
75	69	60 312	536,027	3 840,750	7,165	6,696
76	70	57 611	480,769	3 304,723	6,874	6,405
77	71	54 771	429,170	2 823,954	6,580	6,111
78	72	51 822	381,280	2 394,784	6,281	5,812
79	73	48 733	336,669	2 013,504	5,981	5,512
80	74	45 514	295,239	1 676,835	5,680	5,211
81	75	42 179	256,911	1 381,596	5,378	4,909
82	76	38 699	221,324	1 124,685	5,082	4,613
83	77	35 113	188,561	903,361	4,791	4,322
84	78	31 485	158,759	714,800	4,502	4,034
85	79	27 804	131,641	556,040	4,224	3,755
86	80	24 111	107,191	424,399	3,959	3,491
87	81	20 498	85,564	317,209	3,707	3,239
88	82	17 031	66,752	231,645	3,470	3,001
89	83	13 782	50,723	164,892	3,251	2,782
90	84	10 854	37,508	114,169	3,044	2,575
91	85	8 305	26,946	76,661	2,845	2,376
92	86	6 145	18,722	49,715	2,655	2,187
93	87	4 345	12,430	30,993	2,493	2,025
94	88	2 959	7,948	18,562	2,335	1,867
95	89	1 913	4,826	10,614	2,200	1,731
96	90	1 182	2,800	5,789	2,067	1,599
97	91	683	1,519	2,989	1,968	1,499
98	92	377	0,787	1,470	1,867	1,398
99	93	196	0,384	0,683	1,778	1,309
100	94	95	0,176	0,299	1,699	1,230

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 560	64 067,584	1 024 586,259	15,992	15,524
8	1	99 252	59 971,397	960 518,674	16,016	15,548
9	2	99 219	56 292,394	900 547,278	15,998	15,529
10	3	99 199	52 845,914	844 254,883	15,976	15,507
11	4	99 181	49 611,527	791 408,970	15,952	15,483
12	5	99 164	46 575,531	741 797,442	15,927	15,458
13	6	99 148	43 725,987	695 221,911	15,900	15,431
14	7	99 130	41 049,697	651 495,923	15,871	15,402
15	8	99 112	38 537,297	610 446,227	15,840	15,372
16	9	99 089	36 176,949	571 908,930	15,809	15,340
17	10	99 058	33 958,483	535 731,981	15,776	15,307
18	11	99 025	31 875,274	501 773,498	15,742	15,273
19	12	98 980	29 916,053	469 898,224	15,707	15,238
20	13	98 933	28 076,815	439 982,172	15,671	15,202
21	14	98 881	26 349,339	411 905,357	15,632	15,164
22	15	98 832	24 728,857	385 556,018	15,591	15,123
23	16	98 775	23 206,226	360 827,161	15,549	15,080
24	17	98 720	21 777,753	337 620,935	15,503	15,034
25	18	98 659	20 436,101	315 843,182	15,455	14,986
26	19	98 597	19 176,645	295 407,082	15,405	14,936
27	20	98 534	17 994,831	276 230,437	15,351	14,882
28	21	98 471	16 885,629	258 235,605	15,293	14,824
29	22	98 407	15 844,750	241 349,976	15,232	14,763
30	23	98 339	14 867,518	225 505,226	15,168	14,699
31	24	98 266	13 949,763	210 637,708	15,100	14,631
32	25	98 188	13 087,946	196 687,945	15,028	14,559
33	26	98 107	12 279,024	183 599,998	14,952	14,484
34	27	98 017	11 518,996	171 320,974	14,873	14,404
35	28	97 920	10 805,310	159 801,978	14,789	14,320
36	29	97 819	10 135,302	148 996,669	14,701	14,232
37	30	97 709	9 506,076	138 861,367	14,608	14,139
38	31	97 583	8 914,319	129 355,291	14,511	14,042
39	32	97 448	8 358,690	120 440,972	14,409	13,940
40	33	97 306	7 837,106	112 082,281	14,301	13,833
41	34	97 151	7 347,029	104 245,175	14,189	13,720
42	35	96 982	6 886,620	96 898,146	14,070	13,602
43	36	96 802	6 454,333	90 011,526	13,946	13,477
44	37	96 609	6 048,300	83 557,193	13,815	13,346
45	38	96 389	5 666,253	77 508,893	13,679	13,210
46	39	96 142	5 306,801	71 842,640	13,538	13,069
47	40	95 875	4 969,064	66 535,839	13,390	12,921
48	41	95 583	4 651,548	61 566,774	13,236	12,767
49	42	95 258	4 352,828	56 915,226	13,075	12,607
50	43	94 900	4 071,784	52 562,398	12,909	12,440
51	44	94 498	3 807,102	48 490,614	12,737	12,268
52	45	94 057	3 558,053	44 683,513	12,558	12,090
53	46	93 560	3 323,227	41 125,460	12,375	11,906
54	47	93 007	3 101,962	37 802,232	12,187	11,718
55	48	92 386	2 893,186	34 700,270	11,994	11,525
56	49	91 693	2 696,240	31 807,083	11,797	11,328
57	50	90 930	2 510,607	29 110,843	11,595	11,126
58	51	90 096	2 335,756	26 600,236	11,388	10,920
59	52	89 169	2 170,648	24 264,480	11,178	10,710
60	53	88 166	2 015,240	22 093,832	10,963	10,495
61	54	87 075	1 868,830	20 078,592	10,744	10,275
62	55	85 884	1 730,766	18 209,763	10,521	10,052
63	56	84 583	1 600,515	16 478,996	10,296	9,827
64	57	83 187	1 478,022	14 878,481	10,066	9,598
65	58	81 680	1 362,666	13 400,459	9,834	9,365
66	59	80 070	1 254,288	12 037,794	9,597	9,129
67	60	78 370	1 152,727	10 783,506	9,355	8,886
68	61	76 554	1 057,286	9 630,779	9,109	8,640
69	62	74 658	968,179	8 573,493	8,855	8,387
70	63	72 635	884,448	7 605,314	8,599	8,130
71	64	70 536	806,466	6 720,866	8,334	7,865
72	65	68 284	733,068	5 914,399	8,068	7,599
73	66	65 966	664,961	5 181,331	7,792	7,323
74	67	63 508	601,115	4 516,370	7,513	7,045
75	68	60 950	541,696	3 915,255	7,228	6,759
76	69	58 285	486,389	3 373,560	6,936	6,467
77	70	55 470	434,646	2 887,170	6,643	6,174
78	71	52 542	386,577	2 452,525	6,344	5,875
79	72	49 466	341,731	2 065,948	6,046	5,577
80	73	46 273	300,167	1 724,217	5,744	5,275
81	74	42 946	261,578	1 424,050	5,444	4,975
82	75	39 458	225,664	1 162,472	5,151	4,683
83	76	35 887	192,717	936,808	4,861	4,392
84	77	32 253	162,629	744,090	4,575	4,107
85	78	28 589	135,356	581,461	4,296	3,827
86	79	24 893	110,667	446,105	4,031	3,562
87	80	21 273	88,802	335,438	3,777	3,309
88	81	17 790	69,728	246,636	3,537	3,068
89	82	14 498	53,358	176,908	3,315	2,847
90	83	11 507	39,763	123,550	3,107	2,638
91	84	8 883	28,825	83,787	2,907	2,438
92	85	6 651	20,265	54,962	2,712	2,243
93	86	4 760	13,617	34,697	2,548	2,079
94	87	3 287	8,831	21,080	2,387	1,918
95	88	2 160	5,448	12,249	2,249	1,780
96	89	1 358	3,217	6,802	2,115	1,646
97	90	801	1,781	3,585	2,012	1,544
98	91	453	0,946	1,804	1,906	1,438
99	92	241	0,473	0,857	1,814	1,346
100	93	121	0,222	0,385	1,732	1,264

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 552	60 152,175	961 016,993	15,976	15,508
9	1	99 244	56 306,355	900 864,818	15,999	15,531
10	2	99 211	52 852,479	844 558,464	15,980	15,511
11	3	99 191	49 616,644	791 705,984	15,956	15,488
12	4	99 173	46 579,989	742 089,340	15,932	15,463
13	5	99 157	43 729,883	695 509,352	15,905	15,436
14	6	99 139	41 053,328	651 779,469	15,876	15,408
15	7	99 116	38 539,087	610 726,140	15,847	15,378
16	8	99 096	36 179,470	572 187,053	15,815	15,346
17	9	99 065	33 960,560	536 007,583	15,783	15,314
18	10	99 031	31 877,138	502 047,023	15,749	15,281
19	11	98 988	29 918,366	470 169,884	15,715	15,246
20	12	98 940	28 079,020	440 251,518	15,679	15,210
21	13	98 890	26 351,822	412 172,498	15,641	15,172
22	14	98 841	24 731,137	385 820,677	15,601	15,132
23	15	98 787	23 209,050	361 089,540	15,558	15,089
24	16	98 734	21 780,960	337 880,490	15,513	15,044
25	17	98 673	20 438,884	316 099,530	15,466	14,997
26	18	98 616	19 180,424	295 660,646	15,415	14,946
27	19	98 551	17 997,977	276 480,222	15,362	14,893
28	20	98 489	16 888,752	258 482,245	15,305	14,836
29	21	98 423	15 847,364	241 593,494	15,245	14,776
30	22	98 355	14 869,939	225 746,130	15,181	14,713
31	23	98 284	13 952,274	210 876,191	15,114	14,645
32	24	98 206	13 090,302	196 923,917	15,043	14,575
33	25	98 126	12 281,360	183 833,615	14,969	14,500
34	26	98 035	11 521,164	171 552,255	14,890	14,421
35	27	97 942	10 807,635	160 031,091	14,807	14,338
36	28	97 842	10 137,691	149 223,456	14,720	14,251
37	29	97 735	9 508,536	139 085,765	14,627	14,159
38	30	97 614	8 917,147	129 577,228	14,531	14,063
39	31	97 479	8 361,316	120 660,082	14,431	13,962
40	32	97 339	7 839,793	112 298,766	14,324	13,855
41	33	97 186	7 349,677	104 458,973	14,213	13,744
42	34	97 021	6 889,417	97 109,296	14,095	13,627
43	35	96 842	6 456,994	90 219,879	13,972	13,504
44	36	96 653	6 051,075	83 762,885	13,843	13,374
45	37	96 435	5 668,944	77 711,810	13,708	13,240
46	38	96 200	5 310,004	72 042,866	13,567	13,099
47	39	95 933	4 972,053	66 732,862	13,422	12,953
48	40	95 648	4 654,740	61 760,809	13,268	12,800
49	41	95 329	4 356,053	57 106,069	13,110	12,641
50	42	94 975	4 075,018	52 750,016	12,945	12,476
51	43	94 584	3 810,562	48 674,997	12,774	12,305
52	44	94 149	3 561,510	44 864,436	12,597	12,128
53	45	93 668	3 327,061	41 302,926	12,414	11,945
54	46	93 120	3 105,744	37 975,865	12,228	11,759
55	47	92 512	2 897,156	34 870,121	12,036	11,567
56	48	91 839	2 700,545	31 972,965	11,839	11,371
57	49	91 089	2 515,004	29 272,420	11,639	11,170
58	50	90 263	2 340,093	26 757,417	11,434	10,966
59	51	89 361	2 175,309	24 417,324	11,225	10,756
60	52	88 373	2 019,952	22 242,015	11,011	10,542
61	53	87 300	1 873,641	20 222,062	10,793	10,324
62	54	86 133	1 735,781	18 348,422	10,571	10,102
63	55	84 859	1 605,727	16 612,641	10,346	9,877
64	56	83 486	1 483,327	15 006,915	10,117	9,648
65	57	82 001	1 368,034	13 523,587	9,885	9,417
66	58	80 420	1 259,767	12 155,553	9,649	9,180
67	59	78 741	1 158,177	10 895,786	9,408	8,939
68	60	76 960	1 062,894	9 737,609	9,161	8,693
69	61	75 085	973,716	8 674,715	8,909	8,440
70	62	73 083	889,907	7 700,999	8,654	8,185
71	63	71 015	811,946	6 811,092	8,389	7,920
72	64	68 798	738,587	5 999,146	8,122	7,654
73	65	66 496	670,304	5 260,558	7,848	7,379
74	66	64 069	606,428	4 590,255	7,569	7,101
75	67	61 534	546,882	3 983,827	7,285	6,816
76	68	58 901	491,533	3 436,945	6,992	6,524
77	69	56 118	439,727	2 945,412	6,698	6,230
78	70	53 212	391,509	2 505,685	6,400	5,931
79	71	50 153	346,478	2 114,176	6,102	5,633
80	72	46 969	304,680	1 767,698	5,802	5,333
81	73	43 663	265,944	1 463,017	5,501	5,032
82	74	40 174	229,764	1 197,073	5,210	4,741
83	75	36 591	196,496	967,309	4,923	4,454
84	76	32 964	166,214	770,813	4,637	4,169
85	77	29 286	138,656	604,599	4,360	3,892
86	78	25 596	113,791	465,943	4,095	3,626
87	79	21 963	91,682	352,153	3,841	3,372
88	80	18 463	72,367	260,471	3,599	3,131
89	81	15 144	55,736	188,104	3,375	2,906
90	82	12 104	41,829	132,368	3,165	2,696
91	83	9 417	30,558	90,539	2,963	2,494
92	84	7 115	21,677	59,982	2,767	2,298
93	85	5 152	14,739	38,304	2,599	2,130
94	86	3 601	9,674	23,565	2,436	1,967
95	87	2 400	6,053	13,891	2,295	1,826
96	88	1 533	3,631	7,838	2,159	1,690
97	89	920	2,047	4,207	2,056	1,587
98	90	531	1,110	2,160	1,947	1,478
99	91	290	0,568	1,051	1,851	1,382
100	92	149	0,273	0,483	1,766	1,297

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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4						
5						
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8						
9	0	99 543	56 476,085	901 324,903	15,959	15,491
10	1	99 236	52 865,587	844 848,818	15,981	15,512
11	2	99 204	49 622,809	791 983,232	15,960	15,491
12	3	99 184	46 584,793	742 360,423	15,936	15,467
13	4	99 166	43 734,068	695 775,630	15,909	15,440
14	5	99 147	41 056,986	652 041,563	15,881	15,413
15	6	99 125	38 542,497	610 984,577	15,852	15,383
16	7	99 101	36 181,151	572 442,080	15,822	15,353
17	8	99 071	33 962,927	536 260,929	15,790	15,321
18	9	99 037	31 879,089	502 298,002	15,756	15,288
19	10	98 993	29 920,116	470 418,914	15,722	15,254
20	11	98 948	28 081,191	440 498,798	15,687	15,218
21	12	98 898	26 353,891	412 417,606	15,649	15,180
22	13	98 850	24 733,467	386 063,715	15,609	15,140
23	14	98 796	23 211,190	361 330,248	15,567	15,098
24	15	98 746	21 783,610	338 119,058	15,522	15,053
25	16	98 687	20 441,894	316 335,448	15,475	15,006
26	17	98 630	19 183,036	295 893,554	15,425	14,956
27	18	98 571	18 001,524	276 710,518	15,372	14,903
28	19	98 506	16 891,704	258 708,995	15,316	14,847
29	20	98 441	15 850,294	241 817,290	15,256	14,788
30	21	98 371	14 872,391	225 966,996	15,194	14,725
31	22	98 300	13 954,546	211 094,605	15,127	14,659
32	23	98 223	13 092,658	197 140,059	15,057	14,589
33	24	98 144	12 283,571	184 047,401	14,983	14,514
34	25	98 054	11 523,356	171 763,831	14,906	14,437
35	26	97 960	10 809,670	160 240,474	14,824	14,355
36	27	97 863	10 139,873	149 430,805	14,737	14,268
37	28	97 758	9 510,778	139 290,932	14,646	14,177
38	29	97 639	8 919,455	129 780,154	14,550	14,081
39	30	97 510	8 363,968	120 860,699	14,450	13,981
40	31	97 370	7 842,255	112 496,731	14,345	13,876
41	32	97 219	7 352,196	104 654,476	14,234	13,766
42	33	97 056	6 891,901	97 302,280	14,118	13,650
43	34	96 881	6 459,616	90 410,379	13,996	13,528
44	35	96 693	6 053,570	83 950,763	13,868	13,399
45	36	96 479	5 671,544	77 897,193	13,735	13,266
46	37	96 246	5 312,526	72 225,649	13,595	13,127
47	38	95 991	4 975,055	66 913,123	13,450	12,981
48	39	95 706	4 657,540	61 938,068	13,298	12,830
49	40	95 394	4 359,042	57 280,529	13,141	12,672
50	41	95 046	4 078,037	52 921,487	12,977	12,508
51	42	94 659	3 813,589	48 843,450	12,808	12,339
52	43	94 234	3 564,747	45 029,861	12,632	12,163
53	44	93 759	3 330,293	41 465,114	12,451	11,982
54	45	93 228	3 109,326	38 134,821	12,265	11,796
55	46	92 625	2 900,688	35 025,494	12,075	11,606
56	47	91 966	2 704,250	32 124,806	11,879	11,411
57	48	91 235	2 519,019	29 420,556	11,679	11,211
58	49	90 421	2 344,190	26 901,537	11,476	11,007
59	50	89 527	2 179,348	24 557,346	11,268	10,799
60	51	88 562	2 024,290	22 377,998	11,055	10,586
61	52	87 504	1 878,022	20 353,709	10,838	10,369
62	53	86 355	1 740,249	18 475,687	10,617	10,148
63	54	85 105	1 610,379	16 735,438	10,392	9,923
64	55	83 757	1 488,157	15 125,059	10,164	9,695
65	56	82 296	1 372,945	13 636,902	9,933	9,464
66	57	80 737	1 264,730	12 263,957	9,697	9,228
67	58	79 085	1 163,237	10 999,227	9,456	8,987
68	59	77 324	1 067,920	9 835,990	9,210	8,742
69	60	75 484	978,880	8 768,070	8,957	8,489
70	61	73 501	894,996	7 789,190	8,703	8,234
71	62	71 453	816,958	6 894,194	8,439	7,970
72	63	69 265	743,606	6 077,236	8,173	7,704
73	64	66 996	675,350	5 333,631	7,898	7,429
74	65	64 584	611,301	4 658,280	7,620	7,152
75	66	62 078	551,716	4 046,980	7,335	6,867
76	67	59 465	496,239	3 495,264	7,044	6,575
77	68	56 712	444,377	2 999,025	6,749	6,280
78	69	53 834	396,086	2 554,648	6,450	5,981
79	70	50 793	350,899	2 158,562	6,152	5,683
80	71	47 622	308,913	1 807,663	5,852	5,383
81	72	44 319	269,943	1 498,750	5,552	5,083
82	73	40 845	233,599	1 228,807	5,260	4,792
83	74	37 256	200,066	995,208	4,974	4,506
84	75	33 610	169,473	795,142	4,692	4,223
85	76	29 931	141,712	625,669	4,415	3,946
86	77	26 220	116,565	483,957	4,152	3,683
87	78	22 583	94,269	367,393	3,897	3,429
88	79	19 062	74,714	273,124	3,656	3,187
89	80	15 718	57,845	198,410	3,430	2,961
90	81	12 644	43,694	140,564	3,217	2,748
91	82	9 907	32,145	96,871	3,014	2,545
92	83	7 543	22,981	64,726	2,817	2,348
93	84	5 511	15,767	41,745	2,648	2,179
94	85	3 898	10,471	25,979	2,481	2,012
95	86	2 629	6,631	15,508	2,339	1,870
96	87	1 704	4,034	8,877	2,200	1,732
97	88	1 039	2,310	4,842	2,096	1,627
98	89	611	1,275	2,532	1,986	1,517
99	90	340	0,666	1,257	1,888	1,419
100	91	178	0,329	0,591	1,799	1,331

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
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5						
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9						
10	0	99 535	53 024,945	845 273,630	15,941	15,472
11	1	99 228	49 635,115	792 248,685	15,961	15,493
12	2	99 196	46 590,580	742 613,570	15,939	15,470
13	3	99 177	43 738,578	696 022,989	15,913	15,445
14	4	99 157	41 060,915	652 284,411	15,886	15,417
15	5	99 134	38 545,930	611 223,496	15,857	15,388
16	6	99 109	36 184,352	572 677,566	15,827	15,358
17	7	99 076	33 964,505	536 493,214	15,796	15,327
18	8	99 044	31 881,310	502 528,709	15,762	15,294
19	9	98 999	29 921,947	470 647,399	15,729	15,260
20	10	98 954	28 082,834	440 725,453	15,694	15,225
21	11	98 905	26 355,929	412 642,619	15,657	15,188
22	12	98 858	24 735,410	386 286,689	15,617	15,148
23	13	98 805	23 213,377	361 551,280	15,575	15,106
24	14	98 755	21 785,619	338 337,903	15,530	15,062
25	15	98 699	20 444,381	316 552,284	15,484	15,015
26	16	98 644	19 185,861	296 107,903	15,434	14,965
27	17	98 584	18 003,975	276 922,042	15,381	14,912
28	18	98 525	16 895,033	258 918,067	15,325	14,856
29	19	98 458	15 853,065	242 023,034	15,267	14,798
30	20	98 390	14 875,142	226 169,969	15,205	14,736
31	21	98 316	13 956,847	211 294,827	15,139	14,670
32	22	98 239	13 094,790	197 337,980	15,070	14,601
33	23	98 161	12 285,782	184 243,190	14,996	14,528
34	24	98 072	11 525,430	171 957,409	14,920	14,451
35	25	97 979	10 811,726	160 431,979	14,839	14,370
36	26	97 881	10 141,782	149 620,253	14,753	14,284
37	27	97 779	9 512,825	139 478,471	14,662	14,193
38	28	97 662	8 921,557	129 965,646	14,568	14,099
39	29	97 535	8 366,133	121 044,089	14,468	14,000
40	30	97 401	7 844,743	112 677,956	14,363	13,895
41	31	97 250	7 354,506	104 833,213	14,254	13,786
42	32	97 089	6 894,263	97 478,707	14,139	13,670
43	33	96 916	6 461,945	90 584,445	14,018	13,549
44	34	96 732	6 056,028	84 122,500	13,891	13,422
45	35	96 519	5 673,883	78 066,472	13,759	13,290
46	36	96 290	5 314,963	72 392,589	13,621	13,152
47	37	96 036	4 977,417	67 077,626	13,476	13,008
48	38	95 763	4 660,351	62 100,209	13,325	12,856
49	39	95 452	4 361,664	57 439,858	13,169	12,701
50	40	95 111	4 080,835	53 078,194	13,007	12,538
51	41	94 730	3 816,414	48 997,359	12,839	12,370
52	42	94 309	3 567,578	45 180,944	12,664	12,196
53	43	93 844	3 333,320	41 613,366	12,484	12,015
54	44	93 318	3 112,347	38 280,046	12,299	11,831
55	45	92 732	2 904,034	35 167,699	12,110	11,641
56	46	92 078	2 707,547	32 263,665	11,916	11,447
57	47	91 360	2 522,476	29 556,118	11,717	11,248
58	48	90 566	2 347,933	27 033,642	11,514	11,045
59	49	89 684	2 183,164	24 685,709	11,307	10,839
60	50	88 727	2 028,048	22 502,544	11,096	10,627
61	51	87 692	1 882,055	20 474,497	10,879	10,410
62	52	86 557	1 744,318	18 592,442	10,659	10,190
63	53	85 324	1 614,524	16 848,123	10,435	9,967
64	54	84 000	1 492,468	15 233,599	10,207	9,738
65	55	82 564	1 377,415	13 741,131	9,976	9,507
66	56	81 027	1 269,270	12 363,716	9,741	9,272
67	57	79 396	1 167,820	11 094,445	9,500	9,031
68	58	77 661	1 072,585	9 926,626	9,255	8,786
69	59	75 841	983,509	8 854,041	9,003	8,534
70	60	73 891	899,743	7 870,532	8,748	8,279
71	61	71 862	821,629	6 970,789	8,484	8,015
72	62	69 693	748,196	6 149,160	8,219	7,750
73	63	67 451	679,939	5 400,964	7,943	7,475
74	64	65 070	615,903	4 721,025	7,665	7,196
75	65	62 577	556,148	4 105,122	7,381	6,913
76	66	59 991	500,625	3 548,973	7,089	6,620
77	67	57 254	448,631	3 048,348	6,795	6,326
78	68	54 404	400,275	2 599,717	6,495	6,026
79	69	51 386	355,001	2 199,442	6,196	5,727
80	70	48 229	312,855	1 844,440	5,896	5,427
81	71	44 935	273,693	1 531,586	5,596	5,127
82	72	41 459	237,111	1 257,893	5,305	4,836
83	73	37 877	203,405	1 020,782	5,018	4,550
84	74	34 221	172,552	817,377	4,737	4,268
85	75	30 518	144,491	644,825	4,463	3,994
86	76	26 798	119,134	500,334	4,200	3,731
87	77	23 134	96,567	381,200	3,948	3,479
88	78	19 600	76,822	284,633	3,705	3,236
89	79	16 227	59,722	207,811	3,480	3,011
90	80	13 122	45,347	148,089	3,266	2,797
91	81	10 348	33,578	102,742	3,060	2,591
92	82	7 934	24,174	69,164	2,861	2,392
93	83	5 843	16,715	44,990	2,692	2,223
94	84	4 170	11,201	28,275	2,524	2,056
95	85	2 846	7,177	17,075	2,379	1,910
96	86	1 866	4,420	9,897	2,239	1,771
97	87	1 154	2,567	5,478	2,134	1,665
98	88	689	1,439	2,911	2,022	1,554
99	89	390	0,765	1,472	1,923	1,455
100	90	209	0,385	0,706	1,833	1,365

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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4						
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7						
8						
9						
10						
11	0	99 527	49 784,736	792 640,960	15,921	15,453
12	1	99 220	46 602,135	742 856,225	15,940	15,472
13	2	99 189	43 744,012	696 254,090	15,917	15,448
14	3	99 167	41 065,150	652 510,078	15,890	15,421
15	4	99 143	38 549,619	611 444,928	15,861	15,393
16	5	99 118	36 187,576	572 895,309	15,831	15,363
17	6	99 085	33 967,509	536 707,733	15,801	15,332
18	7	99 049	31 882,791	502 740,224	15,768	15,300
19	8	99 006	29 924,032	470 857,433	15,735	15,266
20	9	98 960	28 084,552	440 933,401	15,700	15,231
21	10	98 911	26 357,471	412 848,849	15,663	15,195
22	11	98 865	24 737,322	386 491,378	15,624	15,155
23	12	98 813	23 215,200	361 754,055	15,583	15,114
24	13	98 765	21 787,672	338 538,855	15,538	15,069
25	14	98 708	20 446,266	316 751,184	15,492	15,023
26	15	98 656	19 188,196	296 304,917	15,442	14,973
27	16	98 599	18 006,627	277 116,722	15,390	14,921
28	17	98 539	16 897,334	259 110,095	15,334	14,866
29	18	98 478	15 856,189	242 212,762	15,276	14,807
30	19	98 407	14 877,742	226 356,573	15,214	14,746
31	20	98 334	13 959,428	211 478,831	15,150	14,681
32	21	98 256	13 096,950	197 519,403	15,081	14,613
33	22	98 177	12 287,782	184 422,453	15,009	14,540
34	23	98 089	11 527,504	172 134,671	14,933	14,464
35	24	97 996	10 813,672	160 607,167	14,852	14,383
36	25	97 900	10 143,711	149 793,495	14,767	14,298
37	26	97 797	9 514,615	139 649,783	14,677	14,209
38	27	97 683	8 923,478	130 135,168	14,583	14,115
39	28	97 558	8 368,105	121 211,691	14,485	14,016
40	29	97 426	7 846,773	112 843,586	14,381	13,912
41	30	97 280	7 356,839	104 996,812	14,272	13,803
42	31	97 120	6 896,428	97 639,974	14,158	13,689
43	32	96 949	6 464,159	90 743,545	14,038	13,569
44	33	96 767	6 058,211	84 279,386	13,912	13,443
45	34	96 558	5 676,187	78 221,175	13,781	13,312
46	35	96 330	5 317,154	72 544,987	13,644	13,175
47	36	96 080	4 979,700	67 227,833	13,500	13,032
48	37	95 809	4 662,564	62 248,133	13,351	12,882
49	38	95 509	4 364,296	57 585,568	13,195	12,726
50	39	95 168	4 083,290	53 221,272	13,034	12,565
51	40	94 795	3 819,033	49 137,982	12,867	12,398
52	41	94 379	3 570,221	45 318,949	12,694	12,225
53	42	93 918	3 335,968	41 748,728	12,515	12,046
54	43	93 403	3 115,176	38 412,760	12,331	11,862
55	44	92 822	2 906,855	35 297,584	12,143	11,674
56	45	92 184	2 710,670	32 390,728	11,949	11,481
57	46	91 471	2 525,551	29 680,058	11,752	11,283
58	47	90 690	2 351,155	27 154,507	11,549	11,081
59	48	89 827	2 186,650	24 803,353	11,343	10,874
60	49	88 882	2 031,599	22 616,702	11,132	10,664
61	50	87 854	1 885,549	20 585,103	10,917	10,449
62	51	86 743	1 748,064	18 699,554	10,697	10,229
63	52	85 523	1 618,300	16 951,490	10,475	10,006
64	53	84 216	1 496,310	15 333,191	10,247	9,779
65	54	82 803	1 381,406	13 836,880	10,017	9,548
66	55	81 291	1 273,403	12 455,474	9,781	9,313
67	56	79 681	1 172,012	11 182,072	9,541	9,072
68	57	77 967	1 076,811	10 010,060	9,296	8,827
69	58	76 172	987,805	8 933,249	9,044	8,575
70	59	74 240	903,998	7 945,444	8,789	8,320
71	60	72 243	825,987	7 041,446	8,525	8,056
72	61	70 091	752,474	6 215,459	8,260	7,791
73	62	67 868	684,136	5 462,985	7,985	7,516
74	63	65 513	620,088	4 778,849	7,707	7,238
75	64	63 048	560,336	4 158,761	7,422	6,953
76	65	60 473	504,648	3 598,425	7,131	6,662
77	66	57 761	452,597	3 093,778	6,836	6,367
78	67	54 924	404,107	2 641,181	6,536	6,067
79	68	51 930	358,756	2 237,074	6,236	5,767
80	69	48 793	316,512	1 878,318	5,934	5,466
81	70	45 508	277,185	1 561,806	5,635	5,166
82	71	42 035	240,405	1 284,621	5,344	4,875
83	72	38 447	206,464	1 044,216	5,058	4,589
84	73	34 792	175,432	837,752	4,775	4,307
85	74	31 072	147,116	662,321	4,502	4,033
86	75	27 323	121,470	515,205	4,241	3,773
87	76	23 644	98,696	393,735	3,989	3,521
88	77	20 078	78,695	295,040	3,749	3,280
89	78	16 685	61,407	216,345	3,523	3,054
90	79	13 548	46,818	154,938	3,309	2,841
91	80	10 740	34,848	108,120	3,103	2,634
92	81	8 288	25,252	73,271	2,902	2,433
93	82	6 146	17,583	48,020	2,731	2,262
94	83	4 420	11,874	30,437	2,563	2,094
95	84	3 044	7,677	18,562	2,418	1,949
96	85	2 020	4,784	10,885	2,275	1,807
97	86	1 265	2,812	6,101	2,170	1,701
98	87	766	1,599	3,289	2,057	1,588
99	88	441	0,864	1,690	1,956	1,488
100	89	240	0,443	0,826	1,866	1,397

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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12	0	99 520	46 742,613	743 218,492	15,900	15,431
13	1	99 214	43 754,861	696 475,879	15,918	15,449
14	2	99 179	41 070,252	652 721,018	15,893	15,424
15	3	99 154	38 553,595	611 650,767	15,865	15,396
16	4	99 128	36 191,039	573 097,172	15,835	15,367
17	5	99 094	33 970,535	536 906,133	15,805	15,336
18	6	99 058	31 885,612	502 935,598	15,773	15,304
19	7	99 011	29 925,422	471 049,986	15,741	15,272
20	8	98 967	28 086,509	441 124,564	15,706	15,237
21	9	98 917	26 359,084	413 038,055	15,670	15,201
22	10	98 871	24 738,769	386 678,971	15,630	15,162
23	11	98 820	23 216,995	361 940,202	15,589	15,121
24	12	98 772	21 789,383	338 723,206	15,545	15,077
25	13	98 718	20 448,193	316 933,824	15,499	15,031
26	14	98 665	19 189,965	296 485,631	15,450	14,981
27	15	98 611	18 008,818	277 295,666	15,398	14,929
28	16	98 553	16 899,822	259 286,848	15,343	14,874
29	17	98 491	15 858,348	242 387,026	15,285	14,816
30	18	98 426	14 880,674	226 528,678	15,223	14,754
31	19	98 352	13 961,868	211 648,004	15,159	14,690
32	20	98 274	13 099,372	197 686,136	15,091	14,623
33	21	98 193	12 289,809	184 586,764	15,019	14,551
34	22	98 105	11 529,382	172 296,956	14,944	14,475
35	23	98 014	10 815,618	160 767,574	14,864	14,396
36	24	97 918	10 145,537	149 951,956	14,780	14,311
37	25	97 816	9 516,425	139 806,419	14,691	14,222
38	26	97 701	8 925,157	130 289,994	14,598	14,129
39	27	97 579	8 369,906	121 364,836	14,500	14,031
40	28	97 449	7 848,623	112 994,930	14,397	13,928
41	29	97 306	7 358,743	105 146,307	14,289	13,820
42	30	97 151	6 898,616	97 787,565	14,175	13,706
43	31	96 980	6 466,190	90 888,949	14,056	13,587
44	32	96 800	6 060,288	84 422,759	13,930	13,462
45	33	96 593	5 678,233	78 362,471	13,801	13,332
46	34	96 369	5 319,314	72 684,238	13,664	13,195
47	35	96 120	4 981,753	67 364,924	13,522	13,054
48	36	95 853	4 664,703	62 383,170	13,373	12,905
49	37	95 555	4 366,369	57 718,467	13,219	12,750
50	38	95 225	4 085,755	53 352,098	13,058	12,589
51	39	94 852	3 821,330	49 266,343	12,892	12,424
52	40	94 444	3 572,671	45 445,014	12,720	12,251
53	41	93 988	3 338,440	41 872,342	12,542	12,074
54	42	93 477	3 117,651	38 533,903	12,360	11,891
55	43	92 907	2 909,497	35 416,252	12,173	11,704
56	44	92 273	2 713,304	32 506,755	11,981	11,512
57	45	91 577	2 528,464	29 793,451	11,783	11,314
58	46	90 800	2 354,021	27 264,987	11,582	11,114
59	47	89 950	2 189,651	24 910,966	11,377	10,908
60	48	89 024	2 034,843	22 721,316	11,166	10,697
61	49	88 008	1 888,851	20 686,473	10,952	10,483
62	50	86 904	1 751,310	18 797,622	10,733	10,265
63	51	85 707	1 621,775	17 046,312	10,511	10,042
64	52	84 413	1 499,809	15 424,538	10,284	9,816
65	53	83 016	1 384,962	13 924,728	10,054	9,585
66	54	81 526	1 277,092	12 539,766	9,819	9,350
67	55	79 941	1 175,828	11 262,675	9,579	9,110
68	56	78 247	1 080,676	10 086,847	9,334	8,865
69	57	76 472	991,697	9 006,171	9,082	8,613
70	58	74 565	907,947	8 014,474	8,827	8,358
71	59	72 585	829,893	7 106,527	8,563	8,094
72	60	70 463	756,465	6 276,634	8,297	7,829
73	61	68 256	688,048	5 520,169	8,023	7,554
74	62	65 917	623,915	4 832,121	7,745	7,276
75	63	63 476	564,143	4 208,205	7,459	6,991
76	64	60 928	508,447	3 644,062	7,167	6,698
77	65	58 225	456,233	3 135,615	6,873	6,404
78	66	55 410	407,679	2 679,382	6,572	6,104
79	67	52 427	362,190	2 271,703	6,272	5,803
80	68	49 309	319,859	1 909,513	5,970	5,501
81	69	46 040	280,426	1 589,654	5,669	5,200
82	70	42 571	243,472	1 309,228	5,377	4,909
83	71	38 981	209,332	1 065,756	5,091	4,622
84	72	35 315	178,070	856,424	4,809	4,341
85	73	31 591	149,571	678,354	4,535	4,067
86	74	27 820	123,677	528,783	4,276	3,807
87	75	24 107	100,631	405,107	4,026	3,557
88	76	20 520	80,430	304,476	3,786	3,317
89	77	17 092	62,904	224,046	3,562	3,093
90	78	13 930	48,139	161,142	3,347	2,879
91	79	11 088	35,979	113,003	3,141	2,672
92	80	8 602	26,207	77,024	2,939	2,470
93	81	6 420	18,367	50,817	2,767	2,298
94	82	4 650	12,491	32,450	2,598	2,129
95	83	3 227	8,139	19,959	2,452	1,984
96	84	2 161	5,117	11,820	2,310	1,841
97	85	1 369	3,044	6,703	2,202	1,733
98	86	839	1,752	3,659	2,089	1,620
99	87	489	0,960	1,907	1,987	1,519
100	88	271	0,500	0,948	1,896	1,427

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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13	0	99 513	43 886,756	696 810,470	15,877	15,409
14	1	99 204	41 080,437	652 923,715	15,894	15,425
15	2	99 166	38 558,385	611 843,277	15,868	15,399
16	3	99 138	36 194,771	573 284,893	15,839	15,370
17	4	99 103	33 973,786	537 090,121	15,809	15,340
18	5	99 066	31 888,453	503 116,335	15,777	15,309
19	6	99 020	29 928,070	471 227,882	15,745	15,277
20	7	98 971	28 087,814	441 299,813	15,711	15,243
21	8	98 924	26 360,920	413 211,999	15,675	15,206
22	9	98 877	24 740,283	386 851,078	15,636	15,168
23	10	98 826	23 218,353	362 110,796	15,596	15,127
24	11	98 780	21 791,068	338 892,442	15,552	15,083
25	12	98 725	20 449,799	317 101,374	15,506	15,038
26	13	98 674	19 191,773	296 651,576	15,457	14,988
27	14	98 620	18 010,478	277 459,803	15,405	14,937
28	15	98 565	16 901,878	259 449,324	15,350	14,882
29	16	98 506	15 860,684	242 547,446	15,292	14,824
30	17	98 440	14 882,700	226 686,762	15,232	14,763
31	18	98 371	13 964,620	211 804,062	15,167	14,698
32	19	98 291	13 101,662	197 839,442	15,100	14,632
33	20	98 212	12 292,081	184 737,781	15,029	14,560
34	21	98 122	11 531,283	172 445,700	14,955	14,486
35	22	98 030	10 817,380	160 914,417	14,876	14,407
36	23	97 935	10 147,363	150 097,037	14,792	14,323
37	24	97 833	9 518,138	139 949,674	14,703	14,235
38	25	97 720	8 926,855	130 431,536	14,611	14,142
39	26	97 597	8 371,482	121 504,681	14,514	14,045
40	27	97 470	7 850,312	113 133,199	14,411	13,943
41	28	97 328	7 360,477	105 282,887	14,304	13,835
42	29	97 176	6 900,402	97 922,410	14,191	13,722
43	30	97 011	6 468,241	91 022,008	14,072	13,603
44	31	96 831	6 062,191	84 553,767	13,948	13,479
45	32	96 626	5 680,180	78 491,576	13,819	13,350
46	33	96 404	5 321,231	72 811,396	13,683	13,214
47	34	96 159	4 983,777	67 490,165	13,542	13,073
48	35	95 892	4 666,626	62 506,388	13,394	12,926
49	36	95 598	4 368,372	57 839,762	13,241	12,772
50	37	95 271	4 087,695	53 471,390	13,081	12,612
51	38	94 909	3 823,637	49 383,695	12,915	12,447
52	39	94 500	3 574,820	45 560,058	12,745	12,276
53	40	94 053	3 340,730	41 985,238	12,568	12,099
54	41	93 547	3 119,960	38 644,508	12,386	11,917
55	42	92 980	2 911,809	35 524,548	12,200	11,731
56	43	92 357	2 715,770	32 612,739	12,009	11,540
57	44	91 666	2 530,920	29 896,969	11,813	11,344
58	45	90 905	2 356,736	27 366,049	11,612	11,143
59	46	90 060	2 192,320	25 009,312	11,408	10,939
60	47	89 146	2 037,635	22 816,993	11,198	10,729
61	48	88 149	1 891,867	20 779,357	10,984	10,515
62	49	87 056	1 754,376	18 887,491	10,766	10,297
63	50	85 866	1 624,786	17 133,115	10,545	10,076
64	51	84 595	1 503,030	15 508,329	10,318	9,849
65	52	83 210	1 388,201	14 005,299	10,089	9,620
66	53	81 736	1 280,380	12 617,098	9,854	9,385
67	54	80 172	1 179,234	11 336,719	9,614	9,145
68	55	78 502	1 084,195	10 157,485	9,369	8,900
69	56	76 746	995,257	9 073,290	9,117	8,648
70	57	74 858	911,524	8 078,033	8,862	8,393
71	58	72 902	833,518	7 166,509	8,598	8,129
72	59	70 796	760,042	6 332,991	8,332	7,864
73	60	68 618	691,698	5 572,949	8,057	7,588
74	61	66 294	627,483	4 881,251	7,779	7,310
75	62	63 868	567,625	4 253,768	7,494	7,025
76	63	61 342	511,902	3 686,143	7,201	6,732
77	64	58 663	459,668	3 174,241	6,906	6,437
78	65	55 855	410,955	2 714,573	6,606	6,137
79	66	52 890	365,392	2 303,618	6,305	5,836
80	67	49 781	322,921	1 938,227	6,002	5,533
81	68	46 527	283,391	1 615,305	5,700	5,231
82	69	43 069	246,319	1 331,914	5,407	4,939
83	70	39 478	212,003	1 085,595	5,121	4,652
84	71	35 805	180,543	873,593	4,839	4,370
85	72	32 066	151,820	693,049	4,565	4,096
86	73	28 284	125,741	541,229	4,304	3,836
87	74	24 545	102,459	415,488	4,055	3,586
88	75	20 923	82,007	313,029	3,817	3,348
89	76	17 469	64,290	231,023	3,593	3,125
90	77	14 270	49,312	166,732	3,381	2,912
91	78	11 401	36,994	117,420	3,174	2,705
92	79	8 881	27,057	80,426	2,972	2,504
93	80	6 663	19,062	53,368	2,800	2,331
94	81	4 857	13,048	34,307	2,629	2,161
95	82	3 395	8,562	21,259	2,483	2,014
96	83	2 291	5,425	12,697	2,340	1,872
97	84	1 464	3,256	7,272	2,233	1,765
98	85	908	1,896	4,016	2,118	1,649
99	86	536	1,051	2,120	2,016	1,548
100	87	302	0,555	1,068	1,924	1,456

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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14	0	99 503	41 204,270	653 232,774	15,854	15,385
15	1	99 191	38 567,947	612 028,503	15,869	15,400
16	2	99 150	36 199,268	573 460,556	15,842	15,373
17	3	99 113	33 977,290	537 261,288	15,812	15,344
18	4	99 076	31 891,504	503 283,998	15,781	15,312
19	5	99 028	29 930,736	471 392,493	15,749	15,281
20	6	98 980	28 090,299	441 461,758	15,716	15,247
21	7	98 929	26 362,145	413 371,459	15,680	15,212
22	8	98 884	24 742,007	387 009,314	15,642	15,173
23	9	98 832	23 219,774	362 267,307	15,602	15,133
24	10	98 786	21 792,342	339 047,533	15,558	15,089
25	11	98 733	20 451,380	317 255,190	15,513	15,044
26	12	98 682	19 193,280	296 803,810	15,464	14,995
27	13	98 629	18 012,175	277 610,530	15,412	14,944
28	14	98 574	16 903,437	259 598,355	15,358	14,889
29	15	98 517	15 862,614	242 694,918	15,300	14,831
30	16	98 454	14 884,892	226 832,304	15,239	14,770
31	17	98 384	13 966,521	211 947,412	15,175	14,707
32	18	98 310	13 104,243	197 980,891	15,108	14,639
33	19	98 229	12 294,230	184 876,647	15,038	14,569
34	20	98 140	11 533,415	172 582,417	14,964	14,495
35	21	98 046	10 819,164	161 049,002	14,886	14,417
36	22	97 951	10 149,015	150 229,838	14,802	14,334
37	23	97 851	9 519,851	140 080,823	14,715	14,246
38	24	97 738	8 928,462	130 560,972	14,623	14,154
39	25	97 616	8 373,074	121 632,510	14,527	14,058
40	26	97 488	7 851,790	113 259,436	14,425	13,956
41	27	97 349	7 362,061	105 407,646	14,318	13,849
42	28	97 199	6 902,028	98 045,584	14,205	13,737
43	29	97 036	6 469,915	91 143,556	14,087	13,619
44	30	96 861	6 064,114	84 673,641	13,963	13,494
45	31	96 656	5 681,964	78 609,527	13,835	13,366
46	32	96 437	5 323,055	72 927,563	13,700	13,232
47	33	96 194	4 985,573	67 604,508	13,560	13,091
48	34	95 931	4 668,522	62 618,934	13,413	12,944
49	35	95 638	4 370,173	57 950,413	13,260	12,792
50	36	95 314	4 089,570	53 580,240	13,102	12,633
51	37	94 954	3 825,452	49 490,670	12,937	12,468
52	38	94 557	3 576,978	45 665,217	12,766	12,298
53	39	94 109	3 342,740	42 088,239	12,591	12,122
54	40	93 611	3 122,101	38 745,500	12,410	11,941
55	41	93 049	2 913,966	35 623,399	12,225	11,756
56	42	92 431	2 717,927	32 709,433	12,035	11,566
57	43	91 749	2 533,221	29 991,506	11,839	11,371
58	44	90 993	2 359,026	27 458,285	11,640	11,171
59	45	90 164	2 194,849	25 099,259	11,436	10,967
60	46	89 255	2 040,119	22 904,410	11,227	10,758
61	47	88 270	1 894,463	20 864,291	11,013	10,545
62	48	87 195	1 757,177	18 969,829	10,796	10,327
63	49	86 016	1 627,631	17 212,651	10,575	10,107
64	50	84 752	1 505,821	15 585,020	10,350	9,881
65	51	83 389	1 391,181	14 079,200	10,120	9,652
66	52	81 927	1 283,374	12 688,018	9,886	9,418
67	53	80 379	1 182,270	11 404,645	9,646	9,178
68	54	78 729	1 087,336	10 222,375	9,401	8,933
69	55	76 996	998,497	9 135,039	9,149	8,680
70	56	75 127	914,796	8 136,542	8,894	8,426
71	57	73 189	836,802	7 221,746	8,630	8,161
72	58	71 105	763,362	6 384,944	8,364	7,895
73	59	68 942	694,968	5 621,581	8,089	7,620
74	60	66 645	630,811	4 926,613	7,810	7,341
75	61	64 233	570,871	4 295,802	7,525	7,056
76	62	61 720	515,062	3 724,931	7,232	6,763
77	63	59 062	462,792	3 209,869	6,936	6,467
78	64	56 276	414,049	2 747,078	6,635	6,166
79	65	53 315	368,327	2 333,029	6,334	5,865
80	66	50 221	325,776	1 964,702	6,031	5,562
81	67	46 972	286,104	1 638,926	5,728	5,260
82	68	43 525	248,924	1 352,822	5,435	4,966
83	69	39 940	214,481	1 103,898	5,147	4,678
84	70	36 262	182,847	889,417	4,864	4,396
85	71	32 512	153,929	706,570	4,590	4,121
86	72	28 709	127,631	552,641	4,330	3,861
87	73	24 955	104,169	425,009	4,080	3,611
88	74	21 303	83,496	320,840	3,843	3,374
89	75	17 811	65,551	237,344	3,621	3,152
90	76	14 584	50,399	171,793	3,409	2,940
91	77	11 679	37,896	121,393	3,203	2,735
92	78	9 131	27,821	83,497	3,001	2,532
93	79	6 879	19,680	55,676	2,829	2,360
94	80	5 041	13,542	35,996	2,658	2,189
95	81	3 546	8,943	22,455	2,511	2,042
96	82	2 410	5,707	13,511	2,368	1,899
97	83	1 552	3,452	7,804	2,261	1,792
98	84	971	2,028	4,353	2,146	1,677
99	85	580	1,138	2,324	2,043	1,574
100	86	330	0,608	1,186	1,951	1,482

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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15	0	99 490	38 684,207	612 314,005	15,829	15,360
16	1	99 175	36 208,246	573 629,798	15,843	15,374
17	2	99 126	33 981,512	537 421,553	15,815	15,346
18	3	99 086	31 894,793	503 440,041	15,784	15,316
19	4	99 038	29 933,600	471 545,247	15,753	15,284
20	5	98 989	28 092,801	441 611,647	15,720	15,251
21	6	98 937	26 364,477	413 518,846	15,685	15,216
22	7	98 889	24 743,157	387 154,369	15,647	15,178
23	8	98 839	23 221,392	362 411,212	15,607	15,138
24	9	98 792	21 793,676	339 189,820	15,564	15,095
25	10	98 739	20 452,577	317 396,145	15,519	15,050
26	11	98 690	19 194,764	296 943,568	15,470	15,001
27	12	98 637	18 013,590	277 748,804	15,419	14,950
28	13	98 584	16 905,030	259 735,214	15,364	14,896
29	14	98 527	15 864,076	242 830,184	15,307	14,838
30	15	98 466	14 886,703	226 966,108	15,246	14,777
31	16	98 399	13 968,578	212 079,405	15,183	14,714
32	17	98 324	13 106,028	198 110,826	15,116	14,647
33	18	98 248	12 296,653	185 004,799	15,045	14,576
34	19	98 157	11 535,432	172 708,146	14,972	14,503
35	20	98 064	10 821,164	161 172,714	14,894	14,425
36	21	97 967	10 150,689	150 351,550	14,812	14,343
37	22	97 867	9 521,401	140 200,861	14,725	14,256
38	23	97 755	8 930,069	130 679,459	14,634	14,165
39	24	97 633	8 374,581	121 749,391	14,538	14,069
40	25	97 507	7 853,284	113 374,809	14,437	13,968
41	26	97 368	7 363,447	105 521,525	14,330	13,862
42	27	97 220	6 903,514	98 158,078	14,219	13,750
43	28	97 059	6 471,440	91 254,565	14,101	13,632
44	29	96 886	6 065,684	84 783,124	13,978	13,509
45	30	96 687	5 683,766	78 717,441	13,850	13,381
46	31	96 467	5 324,727	73 033,674	13,716	13,247
47	32	96 227	4 987,282	67 708,947	13,576	13,108
48	33	95 966	4 670,205	62 721,665	13,430	12,961
49	34	95 677	4 371,948	58 051,460	13,278	12,809
50	35	95 354	4 091,256	53 679,513	13,121	12,652
51	36	94 997	3 827,207	49 588,256	12,957	12,488
52	37	94 602	3 578,677	45 761,049	12,787	12,318
53	38	94 166	3 344,757	42 182,373	12,611	12,143
54	39	93 667	3 123,979	38 837,615	12,432	11,963
55	40	93 113	2 915,965	35 713,636	12,248	11,779
56	41	92 499	2 719,941	32 797,671	12,058	11,589
57	42	91 822	2 535,233	30 077,730	11,864	11,395
58	43	91 076	2 361,170	27 542,497	11,665	11,196
59	44	90 251	2 196,981	25 181,327	11,462	10,993
60	45	89 358	2 042,472	22 984,346	11,253	10,784
61	46	88 377	1 896,772	20 941,874	11,041	10,572
62	47	87 315	1 759,588	19 045,102	10,824	10,355
63	48	86 154	1 630,230	17 285,513	10,603	10,134
64	49	84 900	1 508,458	15 655,284	10,378	9,910
65	50	83 544	1 393,764	14 146,826	10,150	9,681
66	51	82 103	1 286,129	12 753,062	9,916	9,447
67	52	80 567	1 185,035	11 466,932	9,676	9,208
68	53	78 932	1 090,135	10 281,898	9,432	8,963
69	54	77 219	1 001,390	9 191,763	9,179	8,710
70	55	75 372	917,774	8 190,373	8,924	8,455
71	56	73 452	839,806	7 272,598	8,660	8,191
72	57	71 386	766,370	6 432,792	8,394	7,925
73	58	69 244	698,004	5 666,423	8,118	7,649
74	59	66 961	633,794	4 968,418	7,839	7,370
75	60	64 574	573,899	4 334,624	7,553	7,084
76	61	62 073	518,007	3 760,726	7,260	6,791
77	62	59 426	465,648	3 242,719	6,964	6,495
78	63	56 658	416,862	2 777,071	6,662	6,193
79	64	53 717	371,100	2 360,209	6,360	5,891
80	65	50 625	328,393	1 989,108	6,057	5,588
81	66	47 388	288,633	1 660,715	5,754	5,285
82	67	43 941	251,307	1 372,082	5,460	4,991
83	68	40 362	216,749	1 120,775	5,171	4,702
84	69	36 686	184,984	904,025	4,887	4,418
85	70	32 926	155,893	719,041	4,612	4,144
86	71	29 108	129,405	563,148	4,352	3,883
87	72	25 330	105,735	433,743	4,102	3,633
88	73	21 658	84,890	328,008	3,864	3,395
89	74	18 135	66,742	243,118	3,643	3,174
90	75	14 870	51,388	176,376	3,432	2,964
91	76	11 936	38,731	124,988	3,227	2,758
92	77	9 354	28,499	86,257	3,027	2,558
93	78	7 073	20,235	57,758	2,854	2,386
94	79	5 205	13,981	37,522	2,684	2,215
95	80	3 680	9,282	23,542	2,536	2,068
96	81	2 517	5,961	14,260	2,392	1,923
97	82	1 633	3,631	8,298	2,285	1,817
98	83	1 030	2,150	4,667	2,171	1,702
99	84	621	1,217	2,517	2,068	1,599
100	85	358	0,658	1,300	1,974	1,506

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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16	0	99 474	36 317,392	573 893,562	15,802	15,333
17	1	99 150	33 989,939	537 576,170	15,816	15,347
18	2	99 098	31 898,756	503 586,231	15,787	15,318
19	3	99 048	29 936,687	471 687,475	15,756	15,287
20	4	98 999	28 095,490	441 750,788	15,723	15,254
21	5	98 946	26 366,826	413 655,298	15,688	15,220
22	6	98 897	24 745,345	387 288,472	15,651	15,182
23	7	98 844	23 222,471	362 543,127	15,612	15,143
24	8	98 799	21 795,194	339 320,656	15,569	15,100
25	9	98 745	20 453,828	317 525,462	15,524	15,055
26	10	98 696	19 195,887	297 071,634	15,476	15,007
27	11	98 645	18 014,983	277 875,746	15,425	14,956
28	12	98 591	16 906,357	259 860,764	15,371	14,902
29	13	98 536	15 865,571	242 954,406	15,313	14,845
30	14	98 475	14 888,076	227 088,835	15,253	14,784
31	15	98 411	13 970,278	212 200,759	15,189	14,721
32	16	98 338	13 107,958	198 230,481	15,123	14,654
33	17	98 261	12 298,327	185 122,523	15,053	14,584
34	18	98 176	11 537,705	172 824,196	14,979	14,510
35	19	98 081	10 823,056	161 286,491	14,902	14,433
36	20	97 985	10 152,566	150 463,435	14,820	14,351
37	21	97 883	9 522,972	140 310,869	14,734	14,265
38	22	97 771	8 931,523	130 787,897	14,643	14,175
39	23	97 651	8 376,089	121 856,374	14,548	14,079
40	24	97 525	7 854,697	113 480,286	14,447	13,979
41	25	97 386	7 364,848	105 625,589	14,342	13,873
42	26	97 238	6 904,813	98 260,740	14,231	13,762
43	27	97 080	6 472,833	91 355,927	14,114	13,645
44	28	96 909	6 067,114	84 883,094	13,991	13,522
45	29	96 712	5 685,237	78 815,981	13,863	13,395
46	30	96 498	5 326,416	73 130,743	13,730	13,261
47	31	96 257	4 988,849	67 804,327	13,591	13,122
48	32	95 999	4 671,805	62 815,478	13,446	12,977
49	33	95 711	4 373,524	58 143,673	13,294	12,826
50	34	95 392	4 092,918	53 770,149	13,137	12,669
51	35	95 037	3 828,785	49 677,231	12,975	12,506
52	36	94 646	3 580,318	45 848,446	12,806	12,337
53	37	94 211	3 346,346	42 268,128	12,631	12,162
54	38	93 724	3 125,865	38 921,782	12,452	11,983
55	39	93 169	2 917,719	35 795,918	12,268	11,800
56	40	92 563	2 721,807	32 878,198	12,080	11,611
57	41	91 890	2 537,111	30 156,391	11,886	11,417
58	42	91 148	2 363,046	27 619,280	11,688	11,219
59	43	90 333	2 198,978	25 256,234	11,485	11,017
60	44	89 445	2 044,457	23 057,256	11,278	10,809
61	45	88 479	1 898,960	21 012,800	11,065	10,597
62	46	87 421	1 761,733	19 113,840	10,849	10,381
63	47	86 272	1 632,467	17 352,106	10,629	10,161
64	48	85 036	1 510,866	15 719,640	10,404	9,936
65	49	83 690	1 396,205	14 208,774	10,177	9,708
66	50	82 255	1 288,517	12 812,569	9,944	9,475
67	51	80 740	1 187,579	11 524,052	9,704	9,235
68	52	79 117	1 092,684	10 336,472	9,460	8,991
69	53	77 418	1 003,968	9 243,788	9,207	8,739
70	54	75 590	920,433	8 239,820	8,952	8,483
71	55	73 691	842,540	7 319,387	8,687	8,219
72	56	71 642	769,121	6 476,847	8,421	7,952
73	57	69 516	700,754	5 707,726	8,145	7,676
74	58	67 253	636,563	5 006,972	7,866	7,397
75	59	64 879	576,613	4 370,409	7,579	7,111
76	60	62 403	520,754	3 793,797	7,285	6,816
77	61	59 766	468,311	3 273,042	6,989	6,520
78	62	57 008	419,435	2 804,731	6,687	6,218
79	63	54 082	373,622	2 385,296	6,384	5,916
80	64	51 006	330,866	2 011,674	6,080	5,611
81	65	47 768	290,952	1 680,809	5,777	5,308
82	66	44 330	253,528	1 389,856	5,482	5,013
83	67	40 749	218,824	1 136,328	5,193	4,724
84	68	37 074	186,941	917,504	4,908	4,439
85	69	33 311	157,716	730,563	4,632	4,163
86	70	29 480	131,056	572,847	4,371	3,902
87	71	25 682	107,204	441,792	4,121	3,652
88	72	21 984	86,166	334,587	3,883	3,414
89	73	18 438	67,856	248,421	3,661	3,192
90	74	15 141	52,321	180,565	3,451	2,982
91	75	12 171	39,491	128,244	3,247	2,779
92	76	9 560	29,127	88,753	3,047	2,578
93	77	7 246	20,729	59,626	2,876	2,408
94	78	5 352	14,375	38,897	2,706	2,237
95	79	3 799	9,583	24,522	2,559	2,090
96	80	2 612	6,187	14,939	2,415	1,946
97	81	1 706	3,793	8,752	2,307	1,839
98	82	1 083	2,262	4,959	2,192	1,724
99	83	658	1,290	2,697	2,090	1,621
100	84	383	0,704	1,407	1,997	1,529

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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17	0	99 449	34 092,398	537 819,868	15,775	15,307
18	1	99 123	31 906,667	503 727,469	15,788	15,319
19	2	99 060	29 940,407	471 820,802	15,759	15,290
20	3	99 009	28 098,387	441 880,396	15,726	15,257
21	4	98 956	26 369,349	413 782,008	15,692	15,223
22	5	98 906	24 747,550	387 412,659	15,655	15,186
23	6	98 853	23 224,525	362 665,109	15,616	15,147
24	7	98 803	21 796,207	339 440,584	15,573	15,105
25	8	98 752	20 455,253	317 644,377	15,529	15,060
26	9	98 702	19 197,062	297 189,124	15,481	15,012
27	10	98 650	18 016,037	277 992,062	15,430	14,962
28	11	98 599	16 907,665	259 976,025	15,376	14,907
29	12	98 544	15 866,817	243 068,360	15,319	14,851
30	13	98 484	14 889,479	227 201,543	15,259	14,790
31	14	98 420	13 971,566	212 312,065	15,196	14,727
32	15	98 350	13 109,553	198 340,499	15,129	14,661
33	16	98 276	12 300,138	185 230,946	15,059	14,591
34	17	98 190	11 539,276	172 930,807	14,986	14,518
35	18	98 101	10 825,189	161 391,531	14,909	14,440
36	19	98 003	10 154,341	150 566,342	14,828	14,359
37	20	97 901	9 524,733	140 412,001	14,742	14,273
38	21	97 787	8 932,996	130 887,269	14,652	14,183
39	22	97 667	8 377,453	121 954,273	14,557	14,089
40	23	97 542	7 856,111	113 576,820	14,457	13,988
41	24	97 404	7 366,174	105 720,709	14,352	13,883
42	25	97 256	6 906,127	98 354,535	14,242	13,773
43	26	97 098	6 474,052	91 448,409	14,125	13,657
44	27	96 930	6 068,419	84 974,357	14,003	13,534
45	28	96 735	5 686,577	78 905,938	13,876	13,407
46	29	96 523	5 327,795	73 219,360	13,743	13,274
47	30	96 287	4 990,431	67 891,565	13,604	13,136
48	31	96 029	4 673,273	62 901,134	13,460	12,991
49	32	95 744	4 375,023	58 227,862	13,309	12,840
50	33	95 427	4 094,393	53 852,839	13,153	12,684
51	34	95 075	3 830,340	49 758,445	12,991	12,522
52	35	94 685	3 581,794	45 928,105	12,823	12,354
53	36	94 254	3 347,881	42 346,311	12,649	12,180
54	37	93 768	3 127,349	38 998,430	12,470	12,001
55	38	93 225	2 919,480	35 871,081	12,287	11,818
56	39	92 618	2 723,444	32 951,601	12,099	11,630
57	40	91 953	2 538,852	30 228,156	11,906	11,437
58	41	91 216	2 364,796	27 689,304	11,709	11,240
59	42	90 405	2 200,725	25 324,508	11,507	11,039
60	43	89 526	2 046,315	23 123,783	11,300	10,831
61	44	88 565	1 900,805	21 077,468	11,089	10,620
62	45	87 522	1 763,766	19 176,663	10,873	10,404
63	46	86 377	1 634,456	17 412,898	10,654	10,185
64	47	85 152	1 512,939	15 778,441	10,429	9,960
65	48	83 824	1 398,434	14 265,502	10,201	9,732
66	49	82 399	1 290,774	12 867,068	9,968	9,500
67	50	80 889	1 189,784	11 576,294	9,730	9,261
68	51	79 287	1 095,030	10 386,510	9,485	9,016
69	52	77 599	1 006,316	9 291,480	9,233	8,764
70	53	75 785	922,803	8 285,164	8,978	8,510
71	54	73 904	844,981	7 362,361	8,713	8,244
72	55	71 875	771,625	6 517,380	8,446	7,978
73	56	69 766	703,270	5 745,755	8,170	7,701
74	57	67 518	639,070	5 042,485	7,890	7,422
75	58	65 163	579,131	4 403,415	7,603	7,135
76	59	62 698	523,217	3 824,283	7,309	6,840
77	60	60 083	470,795	3 301,067	7,012	6,543
78	61	57 334	421,833	2 830,272	6,709	6,241
79	62	54 416	375,928	2 408,438	6,407	5,938
80	63	51 352	333,114	2 032,510	6,102	5,633
81	64	48 128	293,143	1 699,396	5,797	5,328
82	65	44 686	255,565	1 406,253	5,503	5,034
83	66	41 109	220,759	1 150,688	5,212	4,744
84	67	37 429	188,731	929,930	4,927	4,459
85	68	33 664	159,384	741,199	4,650	4,182
86	69	29 824	132,588	581,816	4,388	3,919
87	70	26 010	108,572	449,228	4,138	3,669
88	71	22 289	87,364	340,656	3,899	3,431
89	72	18 715	68,876	253,292	3,677	3,209
90	73	15 393	53,194	184,416	3,467	2,998
91	74	12 392	40,208	131,222	3,264	2,795
92	75	9 748	29,698	91,013	3,065	2,596
93	76	7 406	21,186	61,315	2,894	2,425
94	77	5 482	14,726	40,129	2,725	2,256
95	78	3 907	9,853	25,404	2,578	2,109
96	79	2 697	6,387	15,550	2,434	1,966
97	80	1 770	3,936	9,163	2,328	1,859
98	81	1 132	2,363	5,226	2,212	1,743
99	82	692	1,357	2,864	2,110	1,641
100	83	406	0,747	1,506	2,017	1,548

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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18	0	99 422	32 002,847	503 952,645	15,747	15,278
19	1	99 085	29 947,832	471 949,799	15,759	15,290
20	2	99 021	28 101,878	442 001,967	15,729	15,260
21	3	98 966	26 372,069	413 900,088	15,695	15,226
22	4	98 916	24 749,918	387 528,019	15,658	15,189
23	5	98 861	23 226,594	362 778,101	15,619	15,150
24	6	98 812	21 798,135	339 551,507	15,577	15,108
25	7	98 756	20 456,203	317 753,372	15,533	15,065
26	8	98 709	19 198,399	297 297,168	15,486	15,017
27	9	98 656	18 017,139	278 098,769	15,435	14,966
28	10	98 605	16 908,654	260 081,630	15,382	14,913
29	11	98 551	15 868,044	243 172,976	15,325	14,856
30	12	98 492	14 890,648	227 304,932	15,265	14,796
31	13	98 429	13 972,883	212 414,284	15,202	14,733
32	14	98 359	13 110,762	198 441,401	15,136	14,667
33	15	98 288	12 301,635	185 330,640	15,066	14,597
34	16	98 204	11 540,975	173 029,004	14,993	14,524
35	17	98 114	10 826,663	161 488,029	14,916	14,447
36	18	98 022	10 156,342	150 661,366	14,834	14,365
37	19	97 918	9 526,398	140 505,024	14,749	14,280
38	20	97 805	8 934,648	130 978,626	14,660	14,191
39	21	97 683	8 378,834	122 043,978	14,566	14,097
40	22	97 558	7 857,390	113 665,144	14,466	13,997
41	23	97 421	7 367,500	105 807,754	14,361	13,893
42	24	97 274	6 907,370	98 440,255	14,251	13,783
43	25	97 116	6 475,283	91 532,885	14,136	13,667
44	26	96 948	6 069,562	85 057,602	14,014	13,545
45	27	96 756	5 687,801	78 988,040	13,887	13,419
46	28	96 545	5 329,051	73 300,239	13,755	13,286
47	29	96 312	4 991,723	67 971,188	13,617	13,148
48	30	96 059	4 674,755	62 979,465	13,472	13,004
49	31	95 774	4 376,397	58 304,710	13,323	12,854
50	32	95 459	4 095,797	53 928,313	13,167	12,698
51	33	95 109	3 831,721	49 832,516	13,005	12,537
52	34	94 723	3 583,249	46 000,795	12,838	12,369
53	35	94 293	3 349,261	42 417,546	12,665	12,196
54	36	93 811	3 128,784	39 068,285	12,487	12,018
55	37	93 270	2 920,867	35 939,501	12,304	11,836
56	38	92 674	2 725,088	33 018,635	12,117	11,648
57	39	92 008	2 540,379	30 293,546	11,925	11,456
58	40	91 279	2 366,419	27 753,167	11,728	11,259
59	41	90 472	2 202,355	25 386,748	11,527	11,058
60	42	89 597	2 047,940	23 184,393	11,321	10,852
61	43	88 646	1 902,532	21 136,453	11,110	10,641
62	44	87 607	1 765,479	19 233,920	10,894	10,426
63	45	86 477	1 636,342	17 468,441	10,675	10,207
64	46	85 256	1 514,783	15 832,099	10,452	9,983
65	47	83 939	1 400,353	14 317,316	10,224	9,755
66	48	82 531	1 292,834	12 916,963	9,991	9,522
67	49	81 031	1 191,868	11 624,128	9,753	9,284
68	50	79 434	1 097,063	10 432,260	9,509	9,041
69	51	77 766	1 008,477	9 335,197	9,257	8,788
70	52	75 962	924,961	8 326,720	9,002	8,534
71	53	74 094	847,157	7 401,760	8,737	8,268
72	54	72 083	773,861	6 554,603	8,470	8,001
73	55	69 993	705,560	5 780,743	8,193	7,724
74	56	67 760	641,365	5 075,183	7,913	7,444
75	57	65 419	581,413	4 433,819	7,626	7,157
76	58	62 972	525,502	3 852,406	7,331	6,862
77	59	60 367	473,021	3 326,903	7,033	6,565
78	60	57 638	424,071	2 853,882	6,730	6,261
79	61	54 727	378,078	2 429,811	6,427	5,958
80	62	51 669	335,170	2 051,734	6,121	5,653
81	63	48 455	295,135	1 716,564	5,816	5,347
82	64	45 022	257,489	1 421,429	5,520	5,052
83	65	41 439	222,532	1 163,940	5,230	4,762
84	66	37 760	190,399	941,407	4,944	4,476
85	67	33 986	160,909	751,009	4,667	4,199
86	68	30 140	133,990	590,099	4,404	3,935
87	69	26 314	109,841	456,109	4,152	3,684
88	70	22 574	88,478	346,268	3,914	3,445
89	71	18 975	69,833	257,790	3,692	3,223
90	72	15 625	53,994	187,956	3,481	3,012
91	73	12 598	40,879	133,962	3,277	2,808
92	74	9 925	30,238	93,083	3,078	2,610
93	75	7 551	21,601	62,845	2,909	2,441
94	76	5 603	15,050	41,244	2,740	2,272
95	77	4 002	10,094	26,194	2,595	2,126
96	78	2 773	6,568	16,100	2,451	1,983
97	79	1 828	4,064	9,532	2,345	1,877
98	80	1 174	2,452	5,468	2,230	1,761
99	81	723	1,418	3,016	2,127	1,658
100	82	427	0,785	1,598	2,035	1,566

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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19	0	99 384	30 038,107	472 157,871	15,719	15,250
20	1	99 046	28 108,848	442 119,764	15,729	15,260
21	2	98 978	26 375,345	414 010,917	15,697	15,228
22	3	98 926	24 752,471	387 635,571	15,660	15,192
23	4	98 871	23 228,817	362 883,100	15,622	15,153
24	5	98 821	21 800,077	339 654,283	15,580	15,112
25	6	98 765	20 458,013	317 854,206	15,537	15,068
26	7	98 713	19 199,291	297 396,193	15,490	15,021
27	8	98 663	18 018,394	278 196,902	15,440	14,971
28	9	98 611	16 909,688	260 178,507	15,386	14,918
29	10	98 557	15 868,972	243 268,819	15,330	14,861
30	11	98 500	14 891,800	227 399,847	15,270	14,801
31	12	98 437	13 973,980	212 508,047	15,207	14,739
32	13	98 369	13 111,997	198 534,067	15,141	14,673
33	14	98 297	12 302,770	185 422,070	15,072	14,603
34	15	98 216	11 542,380	173 119,300	14,999	14,530
35	16	98 128	10 828,257	161 576,921	14,922	14,453
36	17	98 035	10 157,725	150 748,663	14,841	14,372
37	18	97 938	9 528,275	140 590,938	14,755	14,286
38	19	97 822	8 936,210	131 062,663	14,666	14,198
39	20	97 701	8 380,384	122 126,453	14,573	14,104
40	21	97 574	7 858,686	113 746,070	14,474	14,005
41	22	97 437	7 368,699	105 887,384	14,370	13,901
42	23	97 291	6 908,613	98 518,685	14,260	13,792
43	24	97 134	6 476,449	91 610,072	14,145	13,676
44	25	96 967	6 070,716	85 133,623	14,024	13,555
45	26	96 774	5 688,872	79 062,907	13,898	13,429
46	27	96 566	5 330,198	73 374,035	13,766	13,297
47	28	96 335	4 992,899	68 043,837	13,628	13,159
48	29	96 084	4 675,965	63 050,938	13,484	13,015
49	30	95 804	4 377,785	58 374,972	13,334	12,866
50	31	95 489	4 097,083	53 997,187	13,179	12,711
51	32	95 142	3 833,034	49 900,104	13,018	12,550
52	33	94 757	3 584,541	46 067,070	12,852	12,383
53	34	94 331	3 350,621	42 482,529	12,679	12,210
54	35	93 850	3 130,074	39 131,907	12,502	12,033
55	36	93 312	2 922,207	36 001,834	12,320	11,851
56	37	92 718	2 726,382	33 079,627	12,133	11,664
57	38	92 064	2 541,913	30 353,245	11,941	11,472
58	39	91 333	2 367,843	27 811,332	11,745	11,277
59	40	90 534	2 203,866	25 443,490	11,545	11,076
60	41	89 663	2 049,458	23 239,624	11,339	10,871
61	42	88 716	1 904,044	21 190,166	11,129	10,660
62	43	87 687	1 767,084	19 286,122	10,914	10,445
63	44	86 561	1 637,932	17 519,038	10,696	10,227
64	45	85 354	1 516,531	15 881,107	10,472	10,003
65	46	84 041	1 402,060	14 364,576	10,245	9,777
66	47	82 644	1 294,608	12 962,516	10,013	9,544
67	48	81 160	1 193,771	11 667,907	9,774	9,305
68	49	79 573	1 098,985	10 474,137	9,531	9,062
69	50	77 910	1 010,349	9 375,152	9,279	8,810
70	51	76 125	926,947	8 364,803	9,024	8,555
71	52	74 268	849,138	7 437,856	8,759	8,291
72	53	72 269	775,853	6 588,719	8,492	8,023
73	54	70 196	707,604	5 812,866	8,215	7,746
74	55	67 981	643,453	5 105,263	7,934	7,465
75	56	65 654	583,500	4 461,810	7,647	7,178
76	57	63 220	527,573	3 878,310	7,351	6,882
77	58	60 631	475,087	3 350,737	7,053	6,584
78	59	57 910	426,076	2 875,650	6,749	6,280
79	60	55 017	380,083	2 449,574	6,445	5,976
80	61	51 965	337,087	2 069,490	6,139	5,671
81	62	48 754	296,956	1 732,404	5,834	5,365
82	63	45 328	259,239	1 435,447	5,537	5,068
83	64	41 751	224,208	1 176,209	5,246	4,777
84	65	38 063	191,929	952,001	4,960	4,491
85	66	34 286	162,332	760,072	4,682	4,213
86	67	30 428	135,273	597,740	4,419	3,950
87	68	26 592	111,003	462,468	4,166	3,698
88	69	22 838	89,513	351,465	3,926	3,458
89	70	19 217	70,724	261,952	3,704	3,235
90	71	15 842	54,744	191,228	3,493	3,024
91	72	12 788	41,494	136,484	3,289	2,821
92	73	10 090	30,743	94,990	3,090	2,621
93	74	7 688	21,993	64,247	2,921	2,452
94	75	5 713	15,345	42,254	2,753	2,285
95	76	4 090	10,316	26,908	2,608	2,140
96	77	2 841	6,728	16,592	2,466	1,997
97	78	1 879	4,179	9,864	2,361	1,892
98	79	1 212	2,532	5,685	2,246	1,777
99	80	751	1,472	3,154	2,143	1,674
100	81	446	0,820	1,682	2,050	1,582

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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20	0	99 344	28 193,579	442 312,049	15,688	15,220
21	1	99 003	26 381,887	414 118,470	15,697	15,228
22	2	98 938	24 755,546	387 736,584	15,663	15,194
23	3	98 881	23 231,213	362 981,038	15,625	15,156
24	4	98 830	21 802,163	339 749,825	15,583	15,115
25	5	98 774	20 459,836	317 947,662	15,540	15,071
26	6	98 722	19 200,990	297 487,826	15,493	15,025
27	7	98 668	18 019,232	278 286,836	15,444	14,975
28	8	98 618	16 910,867	260 267,604	15,391	14,922
29	9	98 563	15 869,943	243 356,738	15,334	14,866
30	10	98 506	14 892,671	227 486,795	15,275	14,806
31	11	98 445	13 975,060	212 594,124	15,212	14,744
32	12	98 376	13 113,027	198 619,063	15,147	14,678
33	13	98 306	12 303,929	185 506,036	15,077	14,608
34	14	98 225	11 543,444	173 202,108	15,004	14,536
35	15	98 140	10 829,575	161 658,664	14,928	14,459
36	16	98 050	10 159,221	150 829,089	14,847	14,378
37	17	97 951	9 529,573	140 669,868	14,761	14,293
38	18	97 842	8 937,971	131 140,295	14,672	14,204
39	19	97 718	8 381,849	122 202,324	14,579	14,111
40	20	97 592	7 860,139	113 820,475	14,481	14,012
41	21	97 453	7 369,914	105 960,336	14,377	13,909
42	22	97 307	6 909,738	98 590,422	14,268	13,800
43	23	97 151	6 477,614	91 680,684	14,153	13,685
44	24	96 984	6 071,809	85 203,070	14,033	13,564
45	25	96 792	5 689,954	79 131,261	13,907	13,438
46	26	96 584	5 331,201	73 441,306	13,776	13,307
47	27	96 356	4 993,974	68 110,105	13,638	13,170
48	28	96 107	4 677,067	63 116,131	13,495	13,026
49	29	95 829	4 378,918	58 439,064	13,346	12,877
50	30	95 520	4 098,383	54 060,145	13,191	12,722
51	31	95 172	3 834,238	49 961,763	13,030	12,562
52	32	94 790	3 585,769	46 127,524	12,864	12,395
53	33	94 365	3 351,829	42 541,755	12,692	12,223
54	34	93 888	3 131,345	39 189,926	12,515	12,047
55	35	93 351	2 923,412	36 058,581	12,334	11,866
56	36	92 761	2 727,633	33 135,169	12,148	11,679
57	37	92 107	2 543,120	30 407,537	11,957	11,488
58	38	91 389	2 369,272	27 864,417	11,761	11,292
59	39	90 589	2 205,192	25 495,145	11,561	11,093
60	40	89 725	2 050,864	23 289,953	11,356	10,887
61	41	88 782	1 905,454	21 239,089	11,146	10,678
62	42	87 756	1 768,488	19 333,635	10,932	10,464
63	43	86 639	1 639,420	17 565,147	10,714	10,246
64	44	85 437	1 518,004	15 925,727	10,491	10,022
65	45	84 138	1 403,677	14 407,723	10,264	9,796
66	46	82 745	1 296,187	13 004,045	10,033	9,564
67	47	81 272	1 195,409	11 707,859	9,794	9,325
68	48	79 700	1 100,739	10 512,450	9,550	9,082
69	49	78 047	1 012,118	9 411,711	9,299	8,830
70	50	76 266	928,668	8 399,593	9,045	8,576
71	51	74 427	850,961	7 470,925	8,779	8,311
72	52	72 438	777,667	6 619,964	8,513	8,044
73	53	70 377	709,425	5 842,297	8,235	7,767
74	54	68 178	645,317	5 132,872	7,954	7,485
75	55	65 868	585,400	4 487,555	7,666	7,197
76	56	63 447	529,467	3 902,155	7,370	6,901
77	57	60 870	476,959	3 372,688	7,071	6,602
78	58	58 163	427,937	2 895,729	6,767	6,298
79	59	55 277	381,880	2 467,792	6,462	5,993
80	60	52 241	338,874	2 085,912	6,155	5,687
81	61	49 033	298,655	1 747,037	5,850	5,381
82	62	45 608	260,839	1 448,383	5,553	5,084
83	63	42 035	225,731	1 187,544	5,261	4,792
84	64	38 350	193,374	961,813	4,974	4,505
85	65	34 562	163,636	768,439	4,696	4,227
86	66	30 697	136,468	604,803	4,432	3,963
87	67	26 847	112,066	468,335	4,179	3,710
88	68	23 079	90,459	356,269	3,938	3,470
89	69	19 442	71,551	265,810	3,715	3,246
90	70	16 044	55,443	194,259	3,504	3,035
91	71	12 966	42,070	138,816	3,300	2,831
92	72	10 242	31,205	96,746	3,100	2,632
93	73	7 816	22,361	65,541	2,931	2,462
94	74	5 817	15,624	43,180	2,764	2,295
95	75	4 170	10,518	27,556	2,620	2,151
96	76	2 903	6,876	17,037	2,478	2,009
97	77	1 925	4,281	10,161	2,374	1,905
98	78	1 247	2,603	5,881	2,259	1,790
99	79	775	1,519	3,278	2,157	1,688
100	80	463	0,851	1,758	2,065	1,596

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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21	0	99 301	26 461,412	414 296,180	15,657	15,188
22	1	98 963	24 761,686	387 834,768	15,663	15,194
23	2	98 893	23 234,099	363 073,083	15,627	15,158
24	3	98 841	21 804,412	339 838,984	15,586	15,117
25	4	98 783	20 461,794	318 034,572	15,543	15,074
26	5	98 731	19 202,701	297 572,778	15,496	15,028
27	6	98 677	18 020,826	278 370,078	15,447	14,978
28	7	98 622	16 911,652	260 349,252	15,395	14,926
29	8	98 570	15 871,049	243 437,600	15,338	14,870
30	9	98 512	14 893,582	227 566,550	15,280	14,811
31	10	98 450	13 975,878	212 672,969	15,217	14,748
32	11	98 384	13 114,041	198 697,091	15,151	14,683
33	12	98 314	12 304,895	185 583,050	15,082	14,613
34	13	98 234	11 544,532	173 278,155	15,010	14,541
35	14	98 149	10 830,574	161 733,623	14,933	14,464
36	15	98 062	10 160,457	150 903,049	14,852	14,383
37	16	97 965	9 530,976	140 742,592	14,767	14,298
38	17	97 855	8 939,188	131 211,616	14,678	14,210
39	18	97 737	8 383,500	122 272,428	14,585	14,116
40	19	97 609	7 861,513	113 888,928	14,487	14,018
41	20	97 471	7 371,277	106 027,415	14,384	13,915
42	21	97 323	6 910,877	98 656,137	14,275	13,807
43	22	97 167	6 478,669	91 745,260	14,161	13,692
44	23	97 002	6 072,902	85 266,591	14,041	13,572
45	24	96 810	5 690,978	79 193,689	13,916	13,447
46	25	96 603	5 332,215	73 502,710	13,785	13,316
47	26	96 374	4 994,914	68 170,495	13,648	13,179
48	27	96 128	4 678,074	63 175,581	13,505	13,036
49	28	95 852	4 379,951	58 497,507	13,356	12,887
50	29	95 544	4 099,444	54 117,556	13,201	12,732
51	30	95 202	3 835,454	50 018,113	13,041	12,572
52	31	94 820	3 586,896	46 182,658	12,875	12,407
53	32	94 397	3 352,978	42 595,763	12,704	12,235
54	33	93 922	3 132,474	39 242,785	12,528	12,059
55	34	93 389	2 924,599	36 110,311	12,347	11,878
56	35	92 799	2 728,757	33 185,712	12,161	11,693
57	36	92 150	2 544,286	30 456,955	11,971	11,502
58	37	91 432	2 370,397	27 912,668	11,776	11,307
59	38	90 643	2 206,523	25 542,271	11,576	11,107
60	39	89 779	2 052,097	23 335,748	11,372	10,903
61	40	88 843	1 906,762	21 283,651	11,162	10,693
62	41	87 821	1 769,798	19 376,889	10,949	10,480
63	42	86 708	1 640,723	17 607,091	10,731	10,263
64	43	85 515	1 519,384	15 966,369	10,508	10,040
65	44	84 220	1 405,041	14 446,985	10,282	9,814
66	45	82 840	1 297,682	13 041,944	10,050	9,581
67	46	81 371	1 196,866	11 744,262	9,813	9,344
68	47	79 809	1 102,250	10 547,396	9,569	9,100
69	48	78 171	1 013,734	9 445,147	9,317	8,848
70	49	76 400	930,294	8 431,412	9,063	8,594
71	50	74 565	852,541	7 501,118	8,799	8,330
72	51	72 593	779,337	6 648,578	8,531	8,062
73	52	70 541	711,084	5 869,241	8,254	7,785
74	53	68 353	646,978	5 158,157	7,973	7,504
75	54	66 059	587,096	4 511,178	7,684	7,215
76	55	63 653	531,191	3 924,082	7,387	6,919
77	56	61 088	478,671	3 392,892	7,088	6,619
78	57	58 393	429,623	2 914,221	6,783	6,314
79	58	55 519	383,549	2 484,597	6,478	6,009
80	59	52 488	340,477	2 101,049	6,171	5,702
81	60	49 293	300,239	1 760,572	5,864	5,395
82	61	45 869	262,330	1 460,333	5,567	5,098
83	62	42 294	227,124	1 198,003	5,275	4,806
84	63	38 610	194,688	970,878	4,987	4,518
85	64	34 822	164,868	776,191	4,708	4,239
86	65	30 944	137,565	611,323	4,444	3,975
87	66	27 084	113,056	473,758	4,190	3,722
88	67	23 300	91,325	360,702	3,950	3,481
89	68	19 647	72,308	269,377	3,725	3,257
90	69	16 231	56,091	197,069	3,513	3,045
91	70	13 131	42,607	140,978	3,309	2,840
92	71	10 384	31,638	98,371	3,109	2,640
93	72	7 934	22,697	66,732	2,940	2,471
94	73	5 914	15,885	44,036	2,772	2,303
95	74	4 246	10,709	28,150	2,629	2,160
96	75	2 960	7,011	17,441	2,488	2,019
97	76	1 967	4,375	10,430	2,384	1,915
98	77	1 277	2,667	6,055	2,271	1,802
99	78	797	1,562	3,389	2,169	1,700
100	79	478	0,879	1,826	2,078	1,609

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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22	0	99 261	24 836,327	387 999,027	15,622	15,153
23	1	98 918	23 239,861	363 162,700	15,627	15,158
24	2	98 853	21 807,121	339 922,838	15,588	15,119
25	3	98 794	20 463,904	318 115,718	15,545	15,076
26	4	98 740	19 204,538	297 651,813	15,499	15,030
27	5	98 685	18 022,431	278 447,275	15,450	14,981
28	6	98 631	16 913,148	260 424,844	15,398	14,929
29	7	98 574	15 871,786	243 511,696	15,342	14,874
30	8	98 518	14 894,620	227 639,909	15,283	14,815
31	9	98 456	13 976,733	212 745,290	15,221	14,753
32	10	98 390	13 114,808	198 768,557	15,156	14,687
33	11	98 322	12 305,847	185 653,749	15,087	14,618
34	12	98 242	11 545,438	173 347,902	15,014	14,546
35	13	98 159	10 831,594	161 802,464	14,938	14,469
36	14	98 071	10 161,394	150 970,870	14,857	14,389
37	15	97 977	9 532,136	140 809,475	14,772	14,303
38	16	97 869	8 940,504	131 277,340	14,683	14,215
39	17	97 751	8 384,642	122 336,835	14,591	14,122
40	18	97 628	7 863,062	113 952,193	14,492	14,023
41	19	97 488	7 372,566	106 089,131	14,390	13,921
42	20	97 341	6 912,155	98 716,565	14,282	13,813
43	21	97 183	6 479,738	91 804,409	14,168	13,699
44	22	97 017	6 073,891	85 324,672	14,048	13,579
45	23	96 827	5 692,003	79 250,781	13,923	13,454
46	24	96 620	5 333,175	73 558,778	13,793	13,324
47	25	96 392	4 995,864	68 225,603	13,656	13,188
48	26	96 146	4 678,955	63 229,739	13,514	13,045
49	27	95 872	4 380,893	58 550,784	13,365	12,896
50	28	95 567	4 100,410	54 169,891	13,211	12,742
51	29	95 227	3 836,447	50 069,481	13,051	12,582
52	30	94 850	3 588,034	46 233,034	12,885	12,417
53	31	94 427	3 354,031	42 645,000	12,715	12,246
54	32	93 954	3 133,547	39 290,969	12,539	12,070
55	33	93 422	2 925,653	36 157,422	12,359	11,890
56	34	92 837	2 729,866	33 231,769	12,173	11,705
57	35	92 188	2 545,335	30 501,903	11,983	11,515
58	36	91 474	2 371,484	27 956,568	11,789	11,320
59	37	90 686	2 207,571	25 585,084	11,590	11,121
60	38	89 833	2 053,336	23 377,513	11,385	10,916
61	39	88 896	1 907,909	21 324,177	11,177	10,708
62	40	87 881	1 771,012	19 416,268	10,963	10,495
63	41	86 772	1 641,938	17 645,256	10,747	10,278
64	42	85 583	1 520,591	16 003,318	10,524	10,056
65	43	84 296	1 406,318	14 482,727	10,298	9,830
66	44	82 921	1 298,943	13 076,409	10,067	9,598
67	45	81 465	1 198,247	11 777,466	9,829	9,360
68	46	79 907	1 103,593	10 579,220	9,586	9,117
69	47	78 279	1 015,125	9 475,626	9,334	8,866
70	48	76 522	931,779	8 460,501	9,080	8,611
71	49	74 696	854,034	7 528,722	8,815	8,347
72	50	72 728	780,784	6 674,688	8,549	8,080
73	51	70 693	712,611	5 893,904	8,271	7,802
74	52	68 513	648,491	5 181,293	7,990	7,521
75	53	66 229	588,607	4 532,802	7,701	7,232
76	54	63 838	532,729	3 944,195	7,404	6,935
77	55	61 287	480,230	3 411,465	7,104	6,635
78	56	58 602	431,166	2 931,236	6,798	6,330
79	57	55 737	385,060	2 500,070	6,493	6,024
80	58	52 717	341,964	2 115,011	6,185	5,716
81	59	49 526	301,658	1 773,046	5,878	5,409
82	60	46 112	263,722	1 471,388	5,579	5,111
83	61	42 536	228,423	1 207,666	5,287	4,818
84	62	38 849	195,889	979,243	4,999	4,530
85	63	35 059	165,988	783,354	4,719	4,251
86	64	31 177	138,601	617,365	4,454	3,986
87	65	27 301	113,965	478,765	4,201	3,732
88	66	23 506	92,132	364,800	3,960	3,491
89	67	19 835	73,000	272,668	3,735	3,266
90	68	16 403	56,684	199,668	3,522	3,054
91	69	13 284	43,105	142,984	3,317	2,848
92	70	10 517	32,042	99,879	3,117	2,648
93	71	8 044	23,012	67,836	2,948	2,479
94	72	6 003	16,124	44,824	2,780	2,311
95	73	4 317	10,888	28,700	2,636	2,167
96	74	3 014	7,138	17,812	2,495	2,027
97	75	2 006	4,461	10,674	2,393	1,924
98	76	1 305	2,725	6,213	2,280	1,811
99	77	816	1,600	3,488	2,179	1,711
100	78	491	0,904	1,887	2,088	1,619

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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23	0	99 216	23 309,915	363 314,538	15,586	15,118
24	1	98 877	21 812,529	340 004,623	15,588	15,119
25	2	98 806	20 466,447	318 192,094	15,547	15,078
26	3	98 750	19 206,519	297 725,647	15,501	15,033
27	4	98 695	18 024,156	278 519,128	15,453	14,984
28	5	98 640	16 914,655	260 494,972	15,401	14,932
29	6	98 583	15 873,191	243 580,317	15,345	14,877
30	7	98 523	14 895,312	227 707,127	15,287	14,818
31	8	98 463	13 977,707	212 811,815	15,225	14,756
32	9	98 396	13 115,610	198 834,108	15,160	14,691
33	10	98 327	12 306,566	185 718,498	15,091	14,622
34	11	98 250	11 546,331	173 411,931	15,019	14,550
35	12	98 166	10 832,445	161 865,600	14,943	14,474
36	13	98 080	10 162,352	151 033,155	14,862	14,393
37	14	97 986	9 533,015	140 870,804	14,777	14,308
38	15	97 881	8 941,592	131 337,789	14,688	14,220
39	16	97 765	8 385,877	122 396,197	14,596	14,127
40	17	97 642	7 864,133	114 010,320	14,498	14,029
41	18	97 508	7 374,019	106 146,186	14,395	13,926
42	19	97 358	6 913,364	98 772,168	14,287	13,818
43	20	97 201	6 480,936	91 858,804	14,174	13,705
44	21	97 033	6 074,892	85 377,868	14,054	13,585
45	22	96 843	5 692,930	79 302,976	13,930	13,461
46	23	96 638	5 334,135	73 610,046	13,800	13,331
47	24	96 410	4 996,764	68 275,911	13,664	13,195
48	25	96 164	4 679,845	63 279,148	13,522	13,053
49	26	95 890	4 381,718	58 599,303	13,374	12,905
50	27	95 588	4 101,292	54 217,585	13,220	12,751
51	28	95 249	3 837,351	50 116,293	13,060	12,591
52	29	94 874	3 588,962	46 278,941	12,895	12,426
53	30	94 457	3 355,095	42 689,979	12,724	12,255
54	31	93 983	3 134,532	39 334,884	12,549	12,080
55	32	93 454	2 926,656	36 200,352	12,369	11,900
56	33	92 870	2 730,850	33 273,696	12,184	11,716
57	34	92 225	2 546,369	30 542,846	11,995	11,526
58	35	91 512	2 372,462	27 996,477	11,801	11,332
59	36	90 728	2 208,583	25 624,015	11,602	11,133
60	37	89 876	2 054,311	23 415,432	11,398	10,929
61	38	88 950	1 909,060	21 361,121	11,189	10,721
62	39	87 934	1 772,077	19 452,060	10,977	10,508
63	40	86 832	1 643,065	17 679,983	10,760	10,292
64	41	85 646	1 521,717	16 036,918	10,539	10,070
65	42	84 363	1 407,435	14 515,201	10,313	9,844
66	43	82 996	1 300,123	13 107,766	10,082	9,613
67	44	81 544	1 199,411	11 807,642	9,845	9,376
68	45	79 999	1 104,866	10 608,232	9,601	9,133
69	46	78 374	1 016,363	9 503,365	9,350	8,882
70	47	76 627	933,058	8 487,003	9,096	8,627
71	48	74 815	855,397	7 553,945	8,831	8,362
72	49	72 856	782,151	6 698,548	8,564	8,096
73	50	70 824	713,934	5 916,397	8,287	7,818
74	51	68 660	649,884	5 202,463	8,005	7,536
75	52	66 384	589,984	4 552,579	7,716	7,248
76	53	64 002	534,101	3 962,595	7,419	6,950
77	54	61 465	481,621	3 428,494	7,119	6,650
78	55	58 793	432,569	2 946,873	6,812	6,344
79	56	55 938	386,442	2 514,304	6,506	6,038
80	57	52 925	343,311	2 127,862	6,198	5,729
81	58	49 742	302,976	1 784,551	5,890	5,421
82	59	46 330	264,969	1 481,575	5,592	5,123
83	60	42 762	229,635	1 216,606	5,298	4,829
84	61	39 071	197,009	986,971	5,010	4,541
85	62	35 275	167,013	789,961	4,730	4,261
86	63	31 389	139,542	622,949	4,464	3,995
87	64	27 507	114,823	483,406	4,210	3,741
88	65	23 695	92,873	368,584	3,969	3,500
89	66	20 011	73,645	275,711	3,744	3,275
90	67	16 560	57,227	202,066	3,531	3,062
91	68	13 425	43,561	144,839	3,325	2,856
92	69	10 640	32,417	101,278	3,124	2,656
93	70	8 147	23,306	68,861	2,955	2,486
94	71	6 086	16,348	45,555	2,787	2,318
95	72	4 382	11,052	29,208	2,643	2,174
96	73	3 064	7,257	18,156	2,502	2,033
97	74	2 042	4,542	10,898	2,400	1,931
98	75	1 331	2,779	6,356	2,287	1,819
99	76	834	1,636	3,578	2,187	1,719
100	77	503	0,926	1,942	2,097	1,629

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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24	0	99 175	21 878,281	340 145,000	15,547	15,078
25	1	98 830	20 471,522	318 266,719	15,547	15,078
26	2	98 763	19 208,905	297 795,196	15,503	15,034
27	3	98 705	18 026,015	278 586,291	15,455	14,986
28	4	98 649	16 916,274	260 560,277	15,403	14,934
29	5	98 592	15 874,605	243 644,003	15,348	14,879
30	6	98 532	14 896,629	227 769,398	15,290	14,821
31	7	98 468	13 978,356	212 872,769	15,229	14,760
32	8	98 403	13 116,524	198 894,412	15,164	14,695
33	9	98 333	12 307,319	185 777,888	15,095	14,626
34	10	98 255	11 547,007	173 470,568	15,023	14,554
35	11	98 174	10 833,282	161 923,562	14,947	14,478
36	12	98 088	10 163,150	151 090,280	14,866	14,398
37	13	97 996	9 533,913	140 927,130	14,782	14,313
38	14	97 890	8 942,417	131 393,217	14,693	14,225
39	15	97 777	8 386,897	122 450,800	14,600	14,132
40	16	97 656	7 865,291	114 063,903	14,502	14,033
41	17	97 521	7 375,023	106 198,611	14,400	13,931
42	18	97 377	6 914,726	98 823,588	14,292	13,823
43	19	97 218	6 482,069	91 908,862	14,179	13,710
44	20	97 051	6 076,016	85 426,793	14,060	13,591
45	21	96 859	5 693,868	79 350,778	13,936	13,467
46	22	96 653	5 335,004	73 656,909	13,806	13,338
47	23	96 427	4 997,663	68 321,906	13,671	13,202
48	24	96 181	4 680,687	63 324,243	13,529	13,060
49	25	95 909	4 382,552	58 643,556	13,381	12,912
50	26	95 605	4 102,064	54 261,004	13,228	12,759
51	27	95 270	3 838,177	50 158,940	13,068	12,600
52	28	94 897	3 589,808	46 320,762	12,903	12,435
53	29	94 481	3 355,964	42 730,954	12,733	12,264
54	30	94 013	3 135,526	39 374,991	12,558	12,089
55	31	93 484	2 927,575	36 239,465	12,379	11,910
56	32	92 902	2 731,786	33 311,890	12,194	11,725
57	33	92 258	2 547,287	30 580,104	12,005	11,536
58	34	91 549	2 373,426	28 032,817	11,811	11,342
59	35	90 765	2 209,494	25 659,391	11,613	11,145
60	36	89 917	2 055,254	23 449,897	11,410	10,941
61	37	88 992	1 909,967	21 394,644	11,202	10,733
62	38	87 987	1 773,147	19 484,677	10,989	10,520
63	39	86 884	1 644,053	17 711,530	10,773	10,304
64	40	85 705	1 522,761	16 067,477	10,552	10,083
65	41	84 426	1 408,478	14 544,715	10,327	9,858
66	42	83 062	1 301,156	13 136,237	10,096	9,627
67	43	81 618	1 200,501	11 835,081	9,858	9,390
68	44	80 076	1 105,940	10 634,580	9,616	9,147
69	45	78 464	1 017,535	9 528,641	9,364	8,896
70	46	76 720	934,195	8 511,106	9,111	8,642
71	47	74 918	856,571	7 576,910	8,846	8,377
72	48	72 972	783,400	6 720,339	8,578	8,110
73	49	70 948	715,184	5 936,940	8,301	7,833
74	50	68 788	651,090	5 221,755	8,020	7,551
75	51	66 526	591,251	4 570,665	7,731	7,262
76	52	64 152	535,350	3 979,414	7,433	6,965
77	53	61 623	482,861	3 444,065	7,133	6,664
78	54	58 963	433,823	2 961,204	6,826	6,357
79	55	56 120	387,700	2 527,381	6,519	6,050
80	56	53 114	344,544	2 139,681	6,210	5,741
81	57	49 938	304,170	1 795,137	5,902	5,433
82	58	46 532	266,126	1 490,968	5,602	5,134
83	59	42 964	230,721	1 224,841	5,309	4,840
84	60	39 278	198,054	994,120	5,019	4,551
85	61	35 477	167,968	796,066	4,739	4,271
86	62	31 582	140,404	628,098	4,474	4,005
87	63	27 694	115,603	487,695	4,219	3,750
88	64	23 873	93,572	372,092	3,977	3,508
89	65	20 171	74,237	278,520	3,752	3,283
90	66	16 707	57,733	204,283	3,538	3,070
91	67	13 553	43,978	146,550	3,332	2,864
92	68	10 752	32,760	102,572	3,131	2,662
93	69	8 242	23,578	69,813	2,961	2,492
94	70	6 164	16,556	46,235	2,793	2,324
95	71	4 443	11,205	29,678	2,649	2,180
96	72	3 110	7,367	18,473	2,508	2,039
97	73	2 077	4,618	11,106	2,405	1,936
98	74	1 355	2,829	6,488	2,293	1,825
99	75	851	1,668	3,659	2,194	1,725
100	76	514	0,946	1,992	2,104	1,636

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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25	0	99 128	20 533,232	318 396,512	15,506	15,038
26	1	98 787	19 213,669	297 863,280	15,503	15,034
27	2	98 717	18 028,254	278 649,611	15,456	14,988
28	3	98 659	16 918,019	260 621,357	15,405	14,936
29	4	98 601	15 876,124	243 703,338	15,350	14,882
30	5	98 541	14 897,957	227 827,214	15,293	14,824
31	6	98 476	13 979,593	212 929,258	15,231	14,763
32	7	98 407	13 117,134	198 949,665	15,167	14,698
33	8	98 340	12 308,177	185 832,531	15,098	14,630
34	9	98 261	11 547,713	173 524,354	15,027	14,558
35	10	98 180	10 833,916	161 976,641	14,951	14,482
36	11	98 095	10 163,936	151 142,725	14,870	14,402
37	12	98 003	9 534,662	140 978,789	14,786	14,317
38	13	97 900	8 943,260	131 444,128	14,698	14,229
39	14	97 786	8 387,671	122 500,868	14,605	14,136
40	15	97 668	7 866,248	114 113,197	14,507	14,038
41	16	97 535	7 376,109	106 246,949	14,404	13,935
42	17	97 391	6 915,668	98 870,840	14,297	13,828
43	18	97 237	6 483,346	91 955,172	14,183	13,715
44	19	97 068	6 077,078	85 471,826	14,065	13,596
45	20	96 877	5 694,921	79 394,748	13,941	13,473
46	21	96 669	5 335,883	73 699,827	13,812	13,343
47	22	96 443	4 998,477	68 363,943	13,677	13,208
48	23	96 199	4 681,529	63 365,467	13,535	13,066
49	24	95 926	4 383,340	58 683,937	13,388	12,919
50	25	95 624	4 102,845	54 300,597	13,235	12,766
51	26	95 288	3 838,900	50 197,752	13,076	12,607
52	27	94 917	3 590,581	46 358,852	12,911	12,442
53	28	94 504	3 356,755	42 768,271	12,741	12,272
54	29	94 038	3 136,337	39 411,517	12,566	12,097
55	30	93 513	2 928,504	36 275,179	12,387	11,918
56	31	92 931	2 732,644	33 346,675	12,203	11,734
57	32	92 290	2 548,160	30 614,032	12,014	11,545
58	33	91 582	2 374,281	28 065,872	11,821	11,352
59	34	90 802	2 210,391	25 691,590	11,623	11,154
60	35	89 954	2 056,101	23 481,199	11,420	10,952
61	36	89 033	1 910,843	21 425,098	11,212	10,744
62	37	88 029	1 773,989	19 514,255	11,000	10,531
63	38	86 937	1 645,046	17 740,266	10,784	10,315
64	39	85 757	1 523,677	16 095,220	10,563	10,095
65	40	84 484	1 409,444	14 571,543	10,339	9,870
66	41	83 124	1 302,120	13 162,099	10,108	9,639
67	42	81 683	1 201,454	11 859,979	9,871	9,403
68	43	80 149	1 106,945	10 658,524	9,629	9,160
69	44	78 541	1 018,524	9 551,579	9,378	8,909
70	45	76 809	935,273	8 533,056	9,124	8,655
71	46	75 009	857,615	7 597,783	8,859	8,390
72	47	73 072	784,475	6 740,168	8,592	8,123
73	48	71 061	716,326	5 955,693	8,314	7,845
74	49	68 908	652,230	5 239,367	8,033	7,564
75	50	66 650	592,348	4 587,136	7,744	7,275
76	51	64 289	536,499	3 994,788	7,446	6,977
77	52	61 767	483,990	3 458,289	7,145	6,677
78	53	59 115	434,939	2 974,299	6,838	6,370
79	54	56 282	388,823	2 539,359	6,531	6,062
80	55	53 287	345,666	2 150,536	6,221	5,753
81	56	50 118	305,262	1 804,870	5,913	5,444
82	57	46 716	267,175	1 499,609	5,613	5,144
83	58	43 152	231,729	1 232,434	5,318	4,850
84	59	39 464	198,991	1 000,705	5,029	4,560
85	60	35 665	168,859	801,714	4,748	4,279
86	61	31 763	141,206	632,856	4,482	4,013
87	62	27 865	116,316	491,649	4,227	3,758
88	63	24 035	94,208	375,333	3,984	3,515
89	64	20 323	74,796	281,125	3,759	3,290
90	65	16 841	58,197	206,329	3,545	3,077
91	66	13 673	44,367	148,133	3,339	2,870
92	67	10 855	33,073	103,766	3,137	2,669
93	68	8 329	23,828	70,693	2,967	2,498
94	69	6 236	16,750	46,865	2,798	2,329
95	70	4 499	11,348	30,115	2,654	2,185
96	71	3 154	7,469	18,767	2,513	2,044
97	72	2 108	4,687	11,298	2,410	1,942
98	73	1 378	2,876	6,611	2,298	1,830
99	74	866	1,698	3,734	2,199	1,731
100	75	524	0,965	2,036	2,111	1,642

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 549 078,571	15,491	15,022
1	1	99 344	93 062,585	1 449 078,571	15,571	15,102
2	2	99 292	87 132,360	1 356 015,986	15,563	15,094
3	3	99 264	81 599,939	1 268 883,626	15,550	15,081
4	4	99 243	76 424,014	1 187 283,687	15,535	15,066
5	5	99 223	71 577,106	1 110 859,673	15,520	15,051
6	6	99 204	67 038,445	1 039 282,567	15,503	15,034
7	7	99 187	62 788,217	972 244,122	15,484	15,015
8	8	99 174	58 810,203	909 455,905	15,464	14,995
9	9	99 158	55 082,975	850 645,702	15,443	14,974
10	10	99 144	51 592,692	795 562,727	15,420	14,951
11	11	99 130	48 323,734	743 970,036	15,396	14,926
12	12	99 115	45 261,131	695 646,302	15,370	14,900
13	13	99 101	42 392,938	650 385,171	15,342	14,873
14	14	99 082	39 704,805	607 992,232	15,313	14,844
15	15	99 059	37 185,722	568 287,427	15,282	14,813
16	16	99 031	34 824,594	531 101,705	15,251	14,782
17	17	98 992	32 609,695	496 277,111	15,219	14,750
18	18	98 951	30 535,172	463 667,417	15,185	14,716
19	19	98 894	28 587,783	433 132,245	15,151	14,682
20	20	98 837	26 764,796	404 544,462	15,115	14,646
21	21	98 777	25 056,948	377 779,667	15,077	14,608
22	22	98 720	23 459,169	352 722,719	15,036	14,566
23	23	98 659	21 962,256	329 263,550	14,992	14,523
24	24	98 601	20 561,416	307 301,294	14,946	14,476
25	25	98 537	19 248,669	286 739,878	14,897	14,427
26	26	98 475	18 020,215	267 491,209	14,844	14,375
27	27	98 411	16 869,842	249 470,994	14,788	14,319
28	28	98 344	15 792,433	232 601,152	14,729	14,260
29	29	98 274	14 783,191	216 808,719	14,666	14,197
30	30	98 197	13 837,617	202 025,528	14,600	14,131
31	31	98 111	12 951,253	188 187,911	14,530	14,061
32	32	98 019	12 121,042	175 236,657	14,457	13,988
33	33	97 924	11 343,520	163 115,615	14,380	13,911
34	34	97 817	10 614,647	151 772,095	14,298	13,829
35	35	97 702	9 931,777	141 157,448	14,213	13,744
36	36	97 583	9 292,477	131 225,671	14,122	13,653
37	37	97 455	8 693,427	121 933,194	14,026	13,557
38	38	97 313	8 131,885	113 239,767	13,925	13,456
39	39	97 150	7 604,967	105 107,882	13,821	13,352
40	40	96 984	7 111,877	97 502,915	13,710	13,241
41	41	96 797	6 649,371	90 391,038	13,594	13,125
42	42	96 597	6 216,006	83 741,667	13,472	13,003
43	43	96 381	5 809,952	77 525,661	13,344	12,874
44	44	96 145	5 429,263	71 715,709	13,209	12,740
45	45	95 879	5 071,889	66 286,446	13,069	12,600
46	46	95 581	4 736,414	61 214,558	12,924	12,455
47	47	95 257	4 421,863	56 478,144	12,772	12,303
48	48	94 901	4 126,789	52 056,282	12,614	12,145
49	49	94 498	3 849,433	47 929,493	12,451	11,982
50	50	94 053	3 589,027	44 080,060	12,282	11,813
51	51	93 566	3 344,700	40 491,034	12,106	11,637
52	52	93 020	3 114,920	37 146,334	11,925	11,456
53	53	92 419	2 899,096	34 031,414	11,739	11,270
54	54	91 749	2 696,084	31 132,318	11,547	11,078
55	55	90 997	2 504,921	28 436,234	11,352	10,883
56	56	90 166	2 325,086	25 931,313	11,153	10,684
57	57	89 251	2 155,979	23 606,227	10,949	10,480
58	58	88 249	1 996,977	21 450,247	10,741	10,272
59	59	87 149	1 847,376	19 453,270	10,530	10,061
60	60	85 963	1 707,025	17 605,895	10,314	9,845
61	61	84 669	1 575,012	15 898,870	10,094	9,625
62	62	83 277	1 451,156	14 323,858	9,871	9,402
63	63	81 777	1 334,925	12 872,702	9,643	9,174
64	64	80 171	1 225,955	11 537,778	9,411	8,942
65	65	78 438	1 123,608	10 311,822	9,177	8,708
66	66	76 613	1 028,069	9 188,214	8,937	8,468
67	67	74 681	938,771	8 160,145	8,692	8,223
68	68	72 641	855,396	7 221,374	8,442	7,973
69	69	70 502	777,713	6 365,978	8,186	7,716
70	70	68 217	704,925	5 588,264	7,927	7,458
71	71	65 856	637,490	4 883,339	7,660	7,191
72	72	63 353	574,485	4 245,850	7,391	6,922
73	73	60 780	516,305	3 671,365	7,111	6,642
74	74	58 064	462,043	3 155,060	6,828	6,359
75	75	55 255	411,890	2 693,017	6,538	6,069
76	76	52 370	365,702	2 281,127	6,238	5,769
77	77	49 336	322,730	1 915,426	5,935	5,466
78	78	46 202	283,118	1 592,696	5,626	5,156
79	79	42 891	246,208	1 309,578	5,319	4,850
80	80	39 447	212,120	1 063,370	5,013	4,544
81	81	35 864	180,660	851,250	4,712	4,243
82	82	32 118	151,559	670,590	4,425	3,955
83	83	28 314	125,159	519,031	4,147	3,678
84	84	24 532	101,586	393,872	3,877	3,408
85	85	20 824	80,778	292,285	3,618	3,149
86	86	17 225	62,592	211,508	3,379	2,910
87	87	13 872	47,222	148,916	3,154	2,684
88	88	10 836	34,555	101,694	2,943	2,474
89	89	8 172	24,410	67,139	2,750	2,281
90	90	5 939	16,618	42,729	2,571	2,102
91	91	4 144	10,862	26,111	2,404	1,935
92	92	2 762	6,783	15,249	2,248	1,779
93	93	1 739	3,999	8,466	2,117	1,648
94	94	1 041	2,242	4,466	1,992	1,523
95	95	585	1,180	2,224	1,884	1,415
96	96	310	0,587	1,044	1,780	1,311
97	97	150	0,266	0,457	1,719	1,250
98	98	70	0,116	0,191	1,651	1,182
99	99	31	0,048	0,075	1,584	1,114
100	100	13	0,018	0,028	1,525	1,056

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 699	99 699,466	1 548 206,789	15,529	15,060	50	51	93 878	3 582,375	43 762,197	12,216	11,747
1	2	99 320	93 039,511	1 448 507,323	15,569	15,100	51	52	93 366	3 337,533	40 179,822	12,039	11,570
2	3	99 280	87 121,536	1 355 467,812	15,558	15,089	52	53	92 803	3 107,653	36 842,289	11,855	11,386
3	4	99 254	81 591,524	1 268 346,276	15,545	15,076	53	54	92 182	2 891,652	33 734,636	11,666	11,197
4	5	99 234	76 416,702	1 186 754,752	15,530	15,061	54	55	91 483	2 688,295	30 842,984	11,473	11,004
5	6	99 214	71 570,730	1 110 338,051	15,514	15,045	55	56	90 702	2 496,792	28 154,688	11,276	10,807
6	7	99 196	67 032,515	1 038 767,321	15,496	15,027	56	57	89 843	2 316,769	25 657,896	11,075	10,606
7	8	99 182	62 785,300	971 734,806	15,477	15,008	57	58	88 901	2 147,519	23 341,127	10,869	10,400
8	9	99 167	58 806,105	908 949,506	15,457	14,988	58	59	87 865	1 988,291	21 193,608	10,659	10,190
9	10	99 152	55 079,605	850 143,402	15,435	14,966	59	60	86 738	1 838,681	19 205,317	10,445	9,976
10	11	99 138	51 589,674	795 063,796	15,411	14,942	60	61	85 510	1 698,018	17 366,636	10,228	9,758
11	12	99 123	48 319,997	743 474,123	15,386	14,917	61	62	84 188	1 566,056	15 668,617	10,005	9,536
12	13	99 107	45 257,577	695 154,125	15,360	14,891	62	63	82 766	1 442,254	14 102,561	9,778	9,309
13	14	99 091	42 388,944	649 896,548	15,332	14,863	63	64	81 226	1 325,915	12 660,307	9,548	9,079
14	15	99 073	39 701,144	607 507,604	15,302	14,833	64	65	79 572	1 216,794	11 334,391	9,315	8,846
15	16	99 047	37 181,198	567 806,460	15,271	14,802	65	66	77 813	1 114,653	10 117,597	9,077	8,608
16	17	99 017	34 819,466	530 625,262	15,239	14,770	66	67	75 942	1 019,061	9 002,945	8,835	8,365
17	18	98 979	32 605,254	495 805,796	15,206	14,737	67	68	73 972	929,870	7 983,884	8,586	8,117
18	19	98 932	30 529,156	463 200,542	15,172	14,703	68	69	71 881	846,444	7 054,014	8,334	7,865
19	20	98 877	28 582,786	432 671,386	15,137	14,668	69	70	69 688	768,727	6 207,570	8,075	7,606
20	21	98 819	26 759,847	404 088,600	15,101	14,631	70	71	67 358	696,044	5 438,843	7,814	7,345
21	22	98 760	25 052,816	377 328,753	15,061	14,592	71	72	64 953	628,755	4 742,799	7,543	7,074
22	23	98 704	23 455,350	352 275,937	15,019	14,550	72	73	62 414	565,975	4 114,044	7,269	6,800
23	24	98 642	21 958,304	328 820,587	14,975	14,506	73	74	59 782	507,829	3 548,070	6,987	6,518
24	25	98 583	20 557,716	306 862,283	14,927	14,458	74	75	57 028	453,799	3 040,241	6,700	6,230
25	26	98 518	19 245,007	286 304,567	14,877	14,408	75	76	54 192	403,968	2 586,442	6,403	5,933
26	27	98 456	18 016,824	267 059,560	14,823	14,354	76	77	51 241	357,815	2 182,473	6,099	5,630
27	28	98 390	16 866,212	249 042,736	14,766	14,297	77	78	48 162	315,050	1 824,659	5,792	5,323
28	29	98 321	15 788,712	232 176,525	14,705	14,236	78	79	44 934	275,347	1 509,609	5,483	5,013
29	30	98 248	14 779,366	216 387,813	14,641	14,172	79	80	41 544	238,474	1 234,262	5,176	4,707
30	31	98 166	13 833,229	201 608,447	14,574	14,105	80	81	38 009	204,386	995,788	4,872	4,403
31	32	98 080	12 947,187	187 775,218	14,503	14,034	81	82	34 334	172,950	791,402	4,576	4,107
32	33	97 986	12 116,889	174 828,031	14,428	13,959	82	83	30 532	144,075	618,452	4,293	3,823
33	34	97 888	11 339,432	162 711,142	14,349	13,880	83	84	26 708	118,061	474,377	4,018	3,549
34	35	97 777	10 610,337	151 371,710	14,266	13,797	84	85	22 934	94,967	356,315	3,752	3,283
35	36	97 662	9 927,684	140 761,373	14,179	13,710	85	86	19 239	74,629	261,349	3,502	3,033
36	37	97 539	9 288,217	130 833,689	14,086	13,617	86	87	15 723	57,135	186,720	3,268	2,799
37	38	97 408	8 689,301	121 545,472	13,988	13,519	87	88	12 486	42,502	129,585	3,049	2,580
38	39	97 254	8 126,979	112 856,171	13,887	13,417	88	89	9 599	30,609	87,083	2,845	2,376
39	40	97 092	7 600,395	104 729,192	13,779	13,310	89	90	7 113	21,248	56,474	2,658	2,189
40	41	96 917	7 107,000	97 128,797	13,667	13,198	90	91	5 063	14,167	35,226	2,486	2,017
41	42	96 726	6 644,449	90 021,796	13,548	13,079	91	92	3 449	9,041	21,058	2,329	1,860
42	43	96 520	6 211,072	83 377,348	13,424	12,955	92	93	2 244	5,511	12,017	2,180	1,711
43	44	96 293	5 804,676	77 166,276	13,294	12,825	93	94	1 375	3,164	6,506	2,056	1,587
44	45	96 052	5 423,993	71 361,600	13,157	12,688	94	95	801	1,726	3,342	1,936	1,467
45	46	95 769	5 066,045	65 937,606	13,016	12,546	95	96	437	0,882	1,616	1,832	1,363
46	47	95 465	4 730,647	60 871,562	12,867	12,398	96	97	222	0,419	0,734	1,752	1,283
47	48	95 126	4 415,803	56 140,915	12,714	12,245	97	98	105	0,186	0,315	1,690	1,221
48	49	94 750	4 120,211	51 725,111	12,554	12,085	98	99	48	0,080	0,129	1,617	1,148
49	50	94 333	3 842,703	47 604,901	12,388	11,919	99	100	20	0,032	0,049	1,554	1,085

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 675	99 674,746	1 547 584,203	15,526	15,057
1	3	99 307	93 027,953	1 447 909,457	15,564	15,095
2	4	99 270	87 112,551	1 354 881,503	15,553	15,084
3	5	99 245	81 583,717	1 267 768,952	15,539	15,070
4	6	99 225	76 409,894	1 186 185,236	15,524	15,055
5	7	99 206	71 564,399	1 109 775,341	15,507	15,038
6	8	99 191	67 029,401	1 038 210,942	15,489	15,020
7	9	99 175	62 780,924	971 181,541	15,469	15,000
8	10	99 161	58 802,507	908 400,617	15,448	14,979
9	11	99 146	55 076,384	849 598,110	15,426	14,957
10	12	99 131	51 585,684	794 521,726	15,402	14,933
11	13	99 115	48 316,203	742 936,042	15,377	14,907
12	14	99 098	45 253,313	694 619,839	15,350	14,880
13	15	99 082	42 385,036	649 366,526	15,321	14,852
14	16	99 061	39 696,314	606 981,490	15,291	14,821
15	17	99 032	37 175,723	567 285,176	15,260	14,790
16	18	99 003	34 814,725	530 109,453	15,227	14,757
17	19	98 959	32 598,831	495 294,728	15,194	14,725
18	20	98 915	30 523,820	462 695,898	15,159	14,689
19	21	98 859	28 577,501	432 172,078	15,123	14,654
20	22	98 803	26 755,435	403 594,576	15,085	14,615
21	23	98 744	25 048,737	376 839,142	15,044	14,575
22	24	98 686	23 451,128	351 790,405	15,001	14,532
23	25	98 624	21 954,353	328 339,276	14,956	14,486
24	26	98 565	20 553,805	306 384,923	14,906	14,437
25	27	98 499	19 241,385	285 831,118	14,855	14,386
26	28	98 435	18 012,947	266 589,733	14,800	14,331
27	29	98 367	16 862,237	248 576,786	14,742	14,272
28	30	98 296	15 784,626	231 714,548	14,680	14,211
29	31	98 217	14 774,679	215 929,922	14,615	14,146
30	32	98 135	13 828,885	201 155,243	14,546	14,077
31	33	98 046	12 942,750	187 326,358	14,473	14,004
32	34	97 951	12 112,523	174 383,608	14,397	13,928
33	35	97 849	11 334,828	162 271,084	14,316	13,847
34	36	97 737	10 605,964	150 936,256	14,231	13,762
35	37	97 617	9 923,132	140 330,291	14,142	13,673
36	38	97 492	9 283,808	130 407,159	14,047	13,578
37	39	97 350	8 684,059	121 123,351	13,948	13,479
38	40	97 196	8 122,094	112 439,292	13,844	13,375
39	41	97 025	7 595,184	104 317,199	13,735	13,266
40	42	96 846	7 101,739	96 722,015	13,619	13,150
41	43	96 649	6 639,175	89 620,276	13,499	13,030
42	44	96 432	6 205,432	82 981,101	13,372	12,903
43	45	96 200	5 799,042	76 775,669	13,239	12,770
44	46	95 941	5 417,744	70 976,627	13,101	12,632
45	47	95 652	5 059,877	65 558,883	12,957	12,487
46	48	95 334	4 724,165	60 499,007	12,806	12,337
47	49	94 975	4 408,764	55 774,842	12,651	12,182
48	50	94 584	4 113,008	51 366,078	12,489	12,020
49	51	94 158	3 835,582	47 253,070	12,320	11,851
50	52	93 677	3 574,699	43 417,488	12,146	11,677
51	53	93 148	3 329,747	39 842,788	11,966	11,497
52	54	92 565	3 099,674	36 513,042	11,780	11,311
53	55	91 915	2 883,299	33 413,368	11,589	11,119
54	56	91 187	2 679,571	30 530,069	11,394	10,925
55	57	90 377	2 487,861	27 850,498	11,195	10,725
56	58	89 490	2 307,678	25 362,637	10,991	10,521
57	59	88 514	2 138,179	23 054,959	10,783	10,313
58	60	87 452	1 978,933	20 916,781	10,570	10,101
59	61	86 281	1 828,981	18 937,847	10,354	9,885
60	62	85 024	1 688,364	17 108,866	10,133	9,664
61	63	83 671	1 556,449	15 420,503	9,907	9,438
62	64	82 207	1 432,521	13 864,053	9,678	9,209
63	65	80 619	1 316,007	12 431,533	9,446	8,977
64	66	78 938	1 207,096	11 115,526	9,208	8,739
65	67	77 131	1 104,886	9 908,430	8,968	8,499
66	68	75 222	1 009,398	8 803,544	8,722	8,252
67	69	73 198	920,138	7 794,146	8,471	8,002
68	70	71 050	836,664	6 874,008	8,216	7,747
69	71	68 810	759,042	6 037,345	7,954	7,485
70	72	66 435	686,507	5 278,303	7,689	7,220
71	73	63 991	619,441	4 591,796	7,413	6,944
72	74	61 390	556,684	3 972,355	7,136	6,667
73	75	58 716	498,768	3 415,671	6,848	6,379
74	76	55 931	445,071	2 916,904	6,554	6,085
75	77	53 024	395,257	2 471,832	6,254	5,785
76	78	50 022	349,300	2 076,576	5,945	5,476
77	79	46 840	306,402	1 727,275	5,637	5,168
78	80	43 522	266,697	1 420,873	5,328	4,859
79	81	40 029	229,779	1 154,176	5,023	4,554
80	82	36 387	195,664	924,397	4,724	4,255
81	83	32 638	164,410	728,733	4,432	3,963
82	84	28 801	135,905	564,323	4,152	3,683
83	85	24 968	110,368	428,419	3,882	3,413
84	86	21 188	87,737	318,051	3,625	3,156
85	87	17 561	68,123	230,313	3,381	2,912
86	88	14 152	51,424	162,191	3,154	2,685
87	89	11 060	37,649	110,766	2,942	2,473
88	90	8 356	26,645	73,118	2,744	2,275
89	91	6 064	18,115	46,473	2,566	2,096
90	92	4 214	11,792	28,359	2,405	1,936
91	93	2 802	7,346	16,566	2,255	1,786
92	94	1 775	4,360	9,220	2,115	1,646
93	95	1 059	2,435	4,861	1,996	1,527
94	96	599	1,290	2,425	1,880	1,411
95	97	312	0,630	1,135	1,802	1,333
96	98	155	0,294	0,505	1,721	1,252
97	99	72	0,128	0,212	1,653	1,184
98	100	32	0,053	0,084	1,585	1,116

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 662	99 662,364	1 546 932,653	15,522	15,053
1	4	99 297	93 018,360	1 447 270,289	15,559	15,090
2	5	99 260	87 104,215	1 354 251,929	15,547	15,078
3	6	99 236	81 576,449	1 267 147,714	15,533	15,064
4	7	99 216	76 403,135	1 185 571,265	15,517	15,048
5	8	99 201	71 561,074	1 109 168,129	15,500	15,030
6	9	99 184	67 024,730	1 037 607,055	15,481	15,012
7	10	99 169	62 777,084	970 582,325	15,461	14,992
8	11	99 155	58 799,068	907 805,241	15,439	14,970
9	12	99 139	55 072,125	849 006,173	15,416	14,947
10	13	99 123	51 581,634	793 934,049	15,392	14,923
11	14	99 106	48 311,651	742 352,415	15,366	14,897
12	15	99 089	45 249,141	694 040,764	15,338	14,869
13	16	99 070	42 379,879	648 791,624	15,309	14,840
14	17	99 046	39 690,469	606 411,745	15,279	14,809
15	18	99 019	37 170,661	566 721,276	15,246	14,777
16	19	98 984	34 807,866	529 550,615	15,214	14,744
17	20	98 942	32 593,133	494 742,749	15,179	14,710
18	21	98 896	30 518,177	462 149,617	15,143	14,674
19	22	98 842	28 572,789	431 631,440	15,106	14,637
20	23	98 787	26 751,079	403 058,651	15,067	14,598
21	24	98 726	25 044,229	376 307,572	15,026	14,557
22	25	98 669	23 446,909	351 263,343	14,981	14,512
23	26	98 605	21 950,177	327 816,434	14,935	14,465
24	27	98 546	20 549,937	305 866,258	14,884	14,415
25	28	98 478	19 237,245	285 316,321	14,831	14,362
26	29	98 412	18 008,702	266 079,076	14,775	14,306
27	30	98 341	16 857,874	248 070,374	14,715	14,246
28	31	98 265	15 779,621	231 212,500	14,653	14,183
29	32	98 186	14 770,040	215 432,879	14,586	14,117
30	33	98 101	13 824,147	200 662,839	14,515	14,046
31	34	98 011	12 938,087	186 838,692	14,441	13,972
32	35	97 911	12 107,606	173 900,606	14,363	13,894
33	36	97 808	11 330,157	161 793,000	14,280	13,811
34	37	97 692	10 601,102	150 462,843	14,193	13,724
35	38	97 570	9 918,422	139 861,741	14,101	13,632
36	39	97 433	9 278,207	129 943,319	14,005	13,536
37	40	97 291	8 678,839	120 665,112	13,903	13,434
38	41	97 129	8 116,524	111 986,273	13,797	13,328
39	42	96 954	7 589,561	103 869,749	13,686	13,217
40	43	96 769	7 096,102	96 280,188	13,568	13,099
41	44	96 561	6 633,146	89 184,086	13,445	12,976
42	45	96 339	6 199,409	82 550,940	13,316	12,847
43	46	96 089	5 792,360	76 351,530	13,181	12,712
44	47	95 824	5 411,147	70 559,170	13,040	12,570
45	48	95 521	5 052,943	65 148,023	12,893	12,424
46	49	95 182	4 716,634	60 095,080	12,741	12,272
47	50	94 809	4 401,057	55 378,446	12,583	12,114
48	51	94 409	4 105,386	50 977,388	12,417	11,948
49	52	93 956	3 827,364	46 872,002	12,247	11,777
50	53	93 459	3 566,360	43 044,639	12,070	11,601
51	54	92 909	3 321,197	39 478,279	11,887	11,418
52	55	92 297	3 090,720	36 157,082	11,699	11,229
53	56	91 617	2 873,942	33 066,362	11,506	11,036
54	57	90 860	2 669,986	30 192,421	11,308	10,839
55	58	90 023	2 478,098	27 522,435	11,106	10,637
56	59	89 101	2 297,641	25 044,337	10,900	10,431
57	60	88 098	2 128,116	22 746,696	10,689	10,220
58	61	86 990	1 968,493	20 618,580	10,474	10,005
59	62	85 790	1 818,581	18 650,087	10,255	9,786
60	63	84 502	1 678,007	16 831,506	10,031	9,562
61	64	83 106	1 545,945	15 153,500	9,802	9,333
62	65	81 593	1 421,816	13 607,554	9,571	9,101
63	66	79 976	1 305,518	12 185,739	9,334	8,865
64	67	78 246	1 196,519	10 880,221	9,093	8,624
65	68	76 400	1 094,409	9 683,702	8,848	8,379
66	69	74 434	998,834	8 589,292	8,599	8,130
67	70	72 353	909,506	7 590,459	8,346	7,877
68	71	70 155	826,123	6 680,953	8,087	7,618
69	72	67 867	748,642	5 854,830	7,821	7,351
70	73	65 451	676,337	5 106,188	7,550	7,081
71	74	62 941	609,272	4 429,851	7,271	6,802
72	75	60 294	546,751	3 820,579	6,988	6,519
73	76	57 586	489,176	3 273,828	6,693	6,223
74	77	54 725	435,473	2 784,653	6,395	5,925
75	78	51 762	385,851	2 349,179	6,088	5,619
76	79	48 649	339,712	1 963,329	5,779	5,310
77	80	45 369	296,777	1 623,616	5,471	5,002
78	81	41 936	256,973	1 326,839	5,163	4,694
79	82	38 321	219,973	1 069,866	4,864	4,394
80	83	34 590	186,002	849,893	4,569	4,100
81	84	30 787	155,086	663,891	4,281	3,812
82	85	26 924	127,049	508,805	4,005	3,536
83	86	23 067	101,966	381,756	3,744	3,275
84	87	19 341	80,088	279,790	3,494	3,024
85	88	15 806	61,314	199,701	3,257	2,788
86	89	12 536	45,552	138,387	3,038	2,569
87	90	9 628	32,772	92,836	2,833	2,364
88	91	7 123	22,715	60,063	2,644	2,175
89	92	5 048	15,078	37,348	2,477	2,008
90	93	3 424	9,581	22,270	2,324	1,855
91	94	2 217	5,811	12,689	2,184	1,715
92	95	1 367	3,356	6,878	2,049	1,580
93	96	791	1,820	3,522	1,935	1,466
94	97	428	0,921	1,702	1,847	1,378
95	98	219	0,442	0,781	1,768	1,299
96	99	107	0,202	0,339	1,681	1,212
97	100	48	0,085	0,137	1,619	1,149

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 652	99 652,086	1 546 236,472	15,516	15,047
1	5	99 288	93 009,459	1 446 584,386	15,553	15,084
2	6	99 251	87 096,456	1 353 574,927	15,541	15,072
3	7	99 227	81 569,233	1 266 478,471	15,526	15,057
4	8	99 212	76 399,586	1 184 909,237	15,509	15,040
5	9	99 194	71 556,087	1 108 509,652	15,491	15,022
6	10	99 178	67 020,630	1 036 953,564	15,472	15,003
7	11	99 163	62 773,412	969 932,934	15,451	14,982
8	12	99 147	58 794,521	907 159,522	15,429	14,960
9	13	99 131	55 067,800	848 365,001	15,406	14,937
10	14	99 114	51 576,774	793 297,201	15,381	14,912
11	15	99 097	48 307,196	741 720,427	15,354	14,885
12	16	99 077	45 243,635	693 413,231	15,326	14,857
13	17	99 055	42 373,639	648 169,596	15,297	14,827
14	18	99 032	39 685,064	605 795,957	15,265	14,796
15	19	98 999	37 163,338	566 110,893	15,233	14,764
16	20	98 966	34 801,782	528 947,555	15,199	14,730
17	21	98 924	32 587,107	494 145,773	15,164	14,695
18	22	98 880	30 513,144	461 558,666	15,127	14,657
19	23	98 826	28 568,137	431 045,522	15,088	14,619
20	24	98 769	26 746,264	402 477,385	15,048	14,579
21	25	98 709	25 039,723	375 731,121	15,005	14,536
22	26	98 650	23 442,449	350 691,398	14,960	14,491
23	27	98 587	21 946,046	327 248,949	14,912	14,442
24	28	98 525	20 545,515	305 302,904	14,860	14,391
25	29	98 455	19 232,712	284 757,389	14,806	14,337
26	30	98 386	18 004,042	265 524,677	14,748	14,279
27	31	98 310	16 852,528	247 520,635	14,687	14,218
28	32	98 234	15 774,666	230 668,107	14,623	14,154
29	33	98 153	14 764,979	214 893,441	14,554	14,085
30	34	98 066	13 819,166	200 128,462	14,482	14,013
31	35	97 971	12 932,834	186 309,296	14,406	13,937
32	36	97 870	12 102,616	173 376,462	14,326	13,856
33	37	97 764	11 324,962	161 273,847	14,241	13,771
34	38	97 646	10 596,070	149 948,885	14,151	13,682
35	39	97 512	9 912,439	139 352,815	14,058	13,589
36	40	97 375	9 272,630	129 440,376	13,959	13,490
37	41	97 224	8 672,888	120 167,746	13,856	13,386
38	42	97 057	8 110,516	111 494,859	13,747	13,278
39	43	96 877	7 583,537	103 384,343	13,633	13,164
40	44	96 681	7 089,658	95 800,806	13,513	13,044
41	45	96 468	6 626,708	88 711,147	13,387	12,918
42	46	96 228	6 192,266	82 084,439	13,256	12,787
43	47	95 972	5 785,308	75 892,173	13,118	12,649
44	48	95 693	5 403,733	70 106,866	12,974	12,505
45	49	95 369	5 044,888	64 703,133	12,825	12,356
46	50	95 016	4 708,389	59 658,245	12,671	12,201
47	51	94 633	4 392,901	54 949,855	12,509	12,040
48	52	94 206	4 096,589	50 556,954	12,341	11,872
49	53	93 737	3 818,435	46 460,365	12,167	11,698
50	54	93 219	3 557,202	42 641,930	11,987	11,518
51	55	92 640	3 311,603	39 084,728	11,802	11,333
52	56	91 998	3 080,689	35 773,125	11,612	11,143
53	57	91 289	2 863,662	32 692,436	11,416	10,947
54	58	90 504	2 659,509	29 828,774	11,216	10,747
55	59	89 631	2 467,320	27 169,266	11,012	10,543
56	60	88 682	2 286,827	24 701,946	10,802	10,333
57	61	87 633	2 116,888	22 415,118	10,589	10,120
58	62	86 496	1 957,300	20 298,230	10,371	9,901
59	63	85 264	1 807,425	18 340,930	10,148	9,678
60	64	83 932	1 666,682	16 533,505	9,920	9,451
61	65	82 485	1 534,393	14 866,823	9,689	9,220
62	66	80 943	1 410,483	13 332,431	9,452	8,983
63	67	79 275	1 294,079	11 921,947	9,213	8,744
64	68	77 504	1 185,173	10 627,868	8,967	8,498
65	69	75 600	1 082,955	9 442,695	8,719	8,250
66	70	73 574	987,293	8 359,740	8,467	7,998
67	71	71 441	898,047	7 372,447	8,209	7,740
68	72	69 194	814,803	6 474,399	7,946	7,477
69	73	66 862	737,552	5 659,596	7,673	7,204
70	74	64 376	665,234	4 922,044	7,399	6,930
71	75	61 818	598,401	4 256,810	7,114	6,645
72	76	59 135	536,236	3 658,409	6,822	6,353
73	77	56 345	478,626	3 122,174	6,523	6,054
74	78	53 423	425,110	2 643,547	6,218	5,749
75	79	50 341	375,260	2 218,437	5,912	5,443
76	80	47 120	329,041	1 843,177	5,602	5,133
77	81	43 715	285,956	1 514,136	5,295	4,826
78	82	40 146	246,007	1 228,181	4,992	4,523
79	83	36 428	209,111	982,174	4,697	4,228
80	84	32 628	175,454	773,063	4,406	3,937
81	85	28 781	144,980	597,609	4,122	3,653
82	86	24 874	117,377	452,628	3,856	3,387
83	87	21 056	93,077	335,251	3,602	3,133
84	88	17 408	72,084	242,175	3,360	2,890
85	89	14 001	54,312	170,091	3,132	2,663
86	90	10 912	39,652	115,779	2,920	2,451
87	91	8 208	27,939	76,127	2,725	2,256
88	92	5 929	18,907	48,187	2,549	2,079
89	93	4 101	12,251	29,280	2,390	1,921
90	94	2 708	7,579	17,029	2,247	1,778
91	95	1 707	4,473	9,450	2,113	1,643
92	96	1 021	2,508	4,977	1,985	1,515
93	97	565	1,300	2,469	1,899	1,430
94	98	300	0,646	1,169	1,810	1,341
95	99	150	0,303	0,523	1,725	1,256
96	100	71	0,134	0,220	1,645	1,175

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	5	99 643	99 642,551	1 545 489,903	15,510	15,041
1	6	99 279	93 001,174	1 445 847,352	15,547	15,077
2	7	99 243	87 088,752	1 352 846,178	15,534	15,065
3	8	99 222	81 565,444	1 265 757,426	15,518	15,049
4	9	99 205	76 394,262	1 184 191,983	15,501	15,032
5	10	99 188	71 551,710	1 107 797,721	15,482	15,013
6	11	99 172	67 016,710	1 036 246,010	15,463	14,993
7	12	99 156	62 768,558	969 229,301	15,441	14,972
8	13	99 139	58 789,904	906 460,743	15,419	14,950
9	14	99 121	55 062,612	847 670,839	15,395	14,926
10	15	99 104	51 572,018	792 608,227	15,369	14,900
11	16	99 084	48 301,319	741 036,208	15,342	14,873
12	17	99 062	45 236,973	692 734,890	15,313	14,844
13	18	99 042	42 367,869	647 497,916	15,283	14,814
14	19	99 013	39 677,246	605 130,048	15,251	14,782
15	20	98 982	37 156,842	565 452,802	15,218	14,749
16	21	98 948	34 795,347	528 295,960	15,183	14,714
17	22	98 907	32 581,733	493 500,612	15,147	14,677
18	23	98 864	30 508,176	460 918,879	15,108	14,639
19	24	98 808	28 562,996	430 410,703	15,069	14,600
20	25	98 751	26 741,452	401 847,707	15,027	14,558
21	26	98 690	25 034,959	375 106,255	14,983	14,514
22	27	98 631	23 438,037	350 071,295	14,936	14,467
23	28	98 565	21 941,323	326 633,259	14,887	14,418
24	29	98 502	20 540,674	304 691,935	14,834	14,364
25	30	98 429	19 227,735	284 151,261	14,778	14,309
26	31	98 355	17 998,332	264 923,527	14,719	14,250
27	32	98 279	16 847,236	246 925,194	14,657	14,188
28	33	98 200	15 769,261	230 077,958	14,590	14,121
29	34	98 117	14 759,659	214 308,697	14,520	14,051
30	35	98 026	13 813,555	199 549,038	14,446	13,977
31	36	97 931	12 927,504	185 735,483	14,367	13,898
32	37	97 826	12 097,067	172 807,979	14,285	13,816
33	38	97 717	11 319,587	160 710,912	14,198	13,728
34	39	97 587	10 589,678	149 391,326	14,107	13,638
35	40	97 453	9 906,480	138 801,648	14,011	13,542
36	41	97 308	9 266,272	128 895,168	13,910	13,441
37	42	97 152	8 666,467	119 628,897	13,804	13,335
38	43	96 980	8 104,078	110 962,429	13,692	13,223
39	44	96 789	7 576,651	102 858,351	13,576	13,107
40	45	96 587	7 082,777	95 281,701	13,453	12,983
41	46	96 356	6 619,072	88 198,923	13,325	12,856
42	47	96 111	6 184,727	81 579,851	13,191	12,721
43	48	95 841	5 777,380	75 395,124	13,050	12,581
44	49	95 541	5 395,119	69 617,744	12,904	12,435
45	50	95 202	5 036,070	64 222,625	12,753	12,283
46	51	94 840	4 699,664	59 186,555	12,594	12,125
47	52	94 430	4 383,489	54 486,892	12,430	11,961
48	53	93 987	4 087,032	50 103,403	12,259	11,790
49	54	93 496	3 808,630	46 016,371	12,082	11,613
50	55	92 949	3 546,927	42 207,741	11,900	11,431
51	56	92 340	3 300,855	38 660,814	11,712	11,243
52	57	91 669	3 069,670	35 359,959	11,519	11,050
53	58	90 931	2 852,424	32 290,289	11,320	10,851
54	59	90 110	2 647,941	29 437,865	11,117	10,648
55	60	89 209	2 455,708	26 789,924	10,909	10,440
56	61	88 214	2 274,762	24 334,216	10,697	10,228
57	62	87 135	2 104,851	22 059,454	10,480	10,011
58	63	85 965	1 945,293	19 954,602	10,258	9,789
59	64	84 689	1 795,227	18 009,309	10,032	9,563
60	65	83 304	1 654,227	16 214,082	9,802	9,332
61	66	81 828	1 522,163	14 559,855	9,565	9,096
62	67	80 233	1 398,125	13 037,692	9,325	8,856
63	68	78 524	1 281,808	11 639,567	9,081	8,611
64	69	76 693	1 172,770	10 357,759	8,832	8,363
65	70	74 727	1 070,442	9 184,990	8,581	8,111
66	71	72 647	974,854	8 114,547	8,324	7,855
67	72	70 462	885,743	7 139,693	8,061	7,592
68	73	68 169	802,733	6 253,951	7,791	7,322
69	74	65 764	725,444	5 451,218	7,514	7,045
70	75	63 228	653,364	4 725,774	7,233	6,764
71	76	60 629	586,892	4 072,409	6,939	6,470
72	77	57 860	524,671	3 485,517	6,643	6,174
73	78	55 004	467,237	2 960,845	6,337	5,868
74	79	51 956	413,442	2 493,608	6,031	5,562
75	80	48 760	363,471	2 080,167	5,723	5,254
76	81	45 402	317,043	1 716,695	5,415	4,946
77	82	41 849	273,753	1 399,652	5,113	4,644
78	83	38 164	233,859	1 125,899	4,814	4,345
79	84	34 362	197,252	892,039	4,522	4,053
80	85	30 502	164,021	694,788	4,236	3,767
81	86	26 590	133,944	530,767	3,963	3,493
82	87	22 706	107,144	396,823	3,704	3,235
83	88	18 952	83,774	289,679	3,458	2,989
84	89	15 420	63,852	205,905	3,225	2,756
85	90	12 188	47,277	142,053	3,005	2,536
86	91	9 303	33,804	94,775	2,804	2,335
87	92	6 832	23,256	60,971	2,622	2,153
88	93	4 818	15,362	37,715	2,455	1,986
89	94	3 244	9,691	22,353	2,307	1,838
90	95	2 085	5,835	12,663	2,170	1,701
91	96	1 275	3,343	6,828	2,043	1,574
92	97	730	1,791	3,485	1,946	1,476
93	98	396	0,911	1,694	1,859	1,390
94	99	206	0,444	0,783	1,764	1,295
95	100	100	0,201	0,339	1,685	1,216

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 634	99 633,675	1 544 688,306	15,504	15,035
1	7	99 270	92 992,947	1 445 054,631	15,539	15,070
2	8	99 238	87 084,706	1 352 061,684	15,526	15,057
3	9	99 216	81 559,760	1 264 976,978	15,510	15,041
4	10	99 199	76 389,589	1 183 417,218	15,492	15,023
5	11	99 182	71 547,525	1 107 027,630	15,473	15,003
6	12	99 165	67 011,527	1 035 480,105	15,452	14,983
7	13	99 148	62 763,629	968 468,577	15,430	14,961
8	14	99 130	58 784,365	905 704,948	15,407	14,938
9	15	99 112	55 057,535	846 920,583	15,382	14,913
10	16	99 092	51 565,744	791 863,048	15,356	14,887
11	17	99 070	48 294,207	740 297,305	15,329	14,860
12	18	99 049	45 230,814	692 003,098	15,299	14,830
13	19	99 022	42 359,522	646 772,284	15,269	14,800
14	20	98 996	39 670,311	604 412,763	15,236	14,767
15	21	98 964	37 149,972	564 742,452	15,202	14,733
16	22	98 932	34 789,610	527 592,480	15,165	14,696
17	23	98 891	32 576,429	492 802,870	15,128	14,658
18	24	98 846	30 502,686	460 226,441	15,088	14,619
19	25	98 791	28 557,856	429 723,755	15,047	14,578
20	26	98 732	26 736,365	401 165,899	15,005	14,535
21	27	98 671	25 030,248	374 429,534	14,959	14,490
22	28	98 610	23 432,993	349 399,286	14,911	14,441
23	29	98 542	21 936,153	325 966,292	14,860	14,391
24	30	98 476	20 535,358	304 030,139	14,805	14,336
25	31	98 398	19 221,637	283 494,781	14,749	14,280
26	32	98 324	17 992,681	264 273,144	14,688	14,219
27	33	98 246	16 841,464	246 280,463	14,623	14,154
28	34	98 165	15 763,579	229 438,999	14,555	14,086
29	35	98 077	14 753,666	213 675,420	14,483	14,014
30	36	97 986	13 807,862	198 921,754	14,406	13,937
31	37	97 886	12 921,577	185 113,892	14,326	13,857
32	38	97 779	12 091,325	172 192,315	14,241	13,772
33	39	97 658	11 312,758	160 100,990	14,152	13,683
34	40	97 528	10 583,312	148 788,232	14,059	13,590
35	41	97 386	9 899,687	138 204,921	13,961	13,491
36	42	97 236	9 259,412	128 305,233	13,857	13,388
37	43	97 075	8 659,588	119 045,821	13,747	13,278
38	44	96 892	8 096,719	110 386,233	13,633	13,164
39	45	96 695	7 569,297	102 289,514	13,514	13,045
40	46	96 476	7 074,616	94 720,217	13,389	12,920
41	47	96 239	6 611,014	87 645,600	13,258	12,788
42	48	95 979	6 176,252	81 034,587	13,120	12,651
43	49	95 688	5 768,171	74 858,335	12,978	12,509
44	50	95 374	5 385,688	69 090,164	12,828	12,359
45	51	95 026	5 026,737	63 704,477	12,673	12,204
46	52	94 636	4 689,594	58 677,740	12,512	12,043
47	53	94 210	4 373,262	53 988,146	12,345	11,876
48	54	93 745	4 076,538	49 614,884	12,171	11,702
49	55	93 226	3 797,628	45 538,346	11,991	11,522
50	56	92 648	3 535,415	41 740,718	11,806	11,337
51	57	92 009	3 289,048	38 205,303	11,616	11,147
52	58	91 309	3 057,624	34 916,254	11,419	10,950
53	59	90 536	2 840,018	31 858,631	11,218	10,749
54	60	89 686	2 635,479	29 018,613	11,011	10,542
55	61	88 739	2 442,752	26 383,134	10,801	10,331
56	62	87 712	2 261,828	23 940,382	10,585	10,115
57	63	86 600	2 091,939	21 678,554	10,363	9,894
58	64	85 385	1 932,165	19 586,615	10,137	9,668
59	65	84 056	1 781,812	17 654,450	9,908	9,439
60	66	82 640	1 641,042	15 872,638	9,672	9,203
61	67	81 111	1 508,826	14 231,596	9,432	8,963
62	68	79 473	1 384,867	12 722,770	9,187	8,718
63	69	77 702	1 268,393	11 337,903	8,939	8,470
64	70	75 807	1 159,219	10 069,510	8,686	8,217
65	71	73 785	1 056,956	8 910,291	8,430	7,961
66	72	71 652	961,497	7 853,335	8,168	7,699
67	73	69 418	872,621	6 891,838	7,898	7,429
68	74	67 050	789,555	6 019,217	7,624	7,154
69	75	64 591	712,500	5 229,661	7,340	6,871
70	76	62 012	640,799	4 517,161	7,049	6,580
71	77	59 321	574,236	3 876,362	6,750	6,281
72	78	56 483	512,186	3 302,126	6,447	5,978
73	79	53 494	454,412	2 789,940	6,140	5,671
74	80	50 324	400,454	2 335,528	5,832	5,363
75	81	46 982	350,219	1 935,075	5,525	5,056
76	82	43 465	303,514	1 584,856	5,222	4,753
77	83	39 783	260,235	1 281,342	4,924	4,455
78	84	35 999	220,597	1 021,107	4,629	4,160
79	85	32 123	184,398	800,510	4,341	3,872
80	86	28 180	151,535	616,111	4,066	3,597
81	87	24 272	122,266	464,577	3,800	3,331
82	88	20 436	96,436	342,310	3,550	3,080
83	89	16 787	74,207	245,875	3,313	2,844
84	90	13 423	55,582	171,667	3,089	2,619
85	91	10 390	40,305	116,086	2,880	2,411
86	92	7 743	28,137	75,780	2,693	2,224
87	93	5 551	18,895	47,643	2,521	2,052
88	94	3 811	12,152	28,748	2,366	1,897
89	95	2 497	7,460	16,596	2,225	1,755
90	96	1 558	4,360	9,136	2,095	1,626
91	97	911	2,388	4,776	2,000	1,531
92	98	511	1,256	2,388	1,902	1,433
93	99	272	0,626	1,132	1,809	1,340
94	100	136	0,294	0,506	1,722	1,252

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 625	99 624,861	1 543 826,872	15,496	15,027
1	8	99 265	92 988,627	1 444 202,011	15,531	15,062
2	9	99 231	87 078,637	1 351 213,384	15,517	15,048
3	10	99 209	81 554,771	1 264 134,747	15,500	15,031
4	11	99 193	76 385,120	1 182 579,976	15,482	15,013
5	12	99 175	71 541,992	1 106 194,856	15,462	14,993
6	13	99 157	67 006,265	1 034 652,863	15,441	14,972
7	14	99 138	62 757,716	967 646,598	15,419	14,950
8	15	99 121	58 778,945	904 888,882	15,395	14,926
9	16	99 100	55 050,836	846 109,937	15,370	14,900
10	17	99 078	51 558,151	791 059,101	15,343	14,874
11	18	99 056	48 287,631	739 500,950	15,315	14,845
12	19	99 029	45 221,902	691 213,319	15,285	14,816
13	20	99 005	42 352,118	645 991,417	15,253	14,784
14	21	98 977	39 662,976	603 639,300	15,219	14,750
15	22	98 948	37 143,847	563 976,323	15,184	14,714
16	23	98 916	34 783,946	526 832,477	15,146	14,677
17	24	98 873	32 570,566	492 048,531	15,107	14,638
18	25	98 828	30 497,197	459 477,965	15,066	14,597
19	26	98 772	28 552,424	428 980,767	15,024	14,555
20	27	98 714	26 731,333	400 428,343	14,980	14,511
21	28	98 650	25 024,862	373 697,010	14,933	14,464
22	29	98 587	23 427,472	348 672,148	14,883	14,414
23	30	98 517	21 930,477	325 244,677	14,831	14,362
24	31	98 445	20 528,846	303 314,200	14,775	14,306
25	32	98 367	19 215,602	282 785,354	14,716	14,247
26	33	98 291	17 986,516	263 569,752	14,654	14,185
27	34	98 210	16 835,395	245 583,236	14,587	14,118
28	35	98 125	15 757,179	228 747,841	14,517	14,048
29	36	98 037	14 747,586	212 990,662	14,442	13,973
30	37	97 941	13 801,531	198 243,076	14,364	13,895
31	38	97 839	12 915,443	184 441,545	14,281	13,812
32	39	97 720	12 084,031	171 526,101	14,194	13,725
33	40	97 599	11 305,957	159 442,071	14,102	13,633
34	41	97 461	10 576,055	148 136,113	14,007	13,538
35	42	97 314	9 892,359	137 560,059	13,906	13,437
36	43	97 159	9 252,062	127 667,700	13,799	13,330
37	44	96 987	8 651,725	118 415,638	13,687	13,218
38	45	96 798	8 088,861	109 763,913	13,570	13,101
39	46	96 583	7 560,575	101 675,052	13,448	12,979
40	47	96 358	7 066,003	94 114,477	13,319	12,850
41	48	96 107	6 601,955	87 048,474	13,185	12,716
42	49	95 826	6 166,407	80 446,519	13,046	12,577
43	50	95 521	5 758,088	74 280,113	12,900	12,431
44	51	95 197	5 375,707	68 522,025	12,747	12,277
45	52	94 822	5 015,966	63 146,318	12,589	12,120
46	53	94 416	4 678,653	58 130,352	12,425	11,955
47	54	93 968	4 362,033	53 451,699	12,254	11,785
48	55	93 475	4 064,762	49 089,666	12,077	11,608
49	56	92 924	3 785,303	45 024,904	11,895	11,426
50	57	92 316	3 522,769	41 239,601	11,707	11,237
51	58	91 648	3 276,142	37 716,832	11,513	11,043
52	59	90 912	3 044,325	34 440,690	11,313	10,844
53	60	90 109	2 826,652	31 396,365	11,107	10,638
54	61	89 213	2 621,574	28 569,713	10,898	10,429
55	62	88 234	2 428,862	25 948,139	10,683	10,214
56	63	87 174	2 247,953	23 519,277	10,463	9,993
57	64	86 016	2 077,821	21 271,323	10,237	9,768
58	65	84 747	1 917,726	19 193,502	10,008	9,539
59	66	83 386	1 767,610	17 275,776	9,774	9,304
60	67	81 916	1 626,663	15 508,166	9,534	9,065
61	68	80 342	1 494,519	13 881,503	9,288	8,819
62	69	78 641	1 370,374	12 386,984	9,039	8,570
63	70	76 804	1 253,737	11 016,611	8,787	8,318
64	71	74 852	1 144,614	9 762,873	8,529	8,060
65	72	72 774	1 042,474	8 618,259	8,267	7,798
66	73	70 591	947,254	7 575,785	7,998	7,529
67	74	68 279	858,296	6 628,532	7,723	7,254
68	75	65 854	775,467	5 770,235	7,441	6,972
69	76	63 348	698,797	4 994,768	7,148	6,679
70	77	60 674	626,980	4 295,971	6,852	6,383
71	78	57 910	560,571	3 668,991	6,545	6,076
72	79	54 932	498,128	3 108,420	6,240	5,771
73	80	51 814	440,137	2 610,292	5,931	5,462
74	81	48 489	385,853	2 170,156	5,624	5,155
75	82	44 977	335,273	1 784,303	5,322	4,853
76	83	41 319	288,527	1 449,029	5,022	4,553
77	84	37 526	245,477	1 160,503	4,728	4,258
78	85	33 653	206,222	915,026	4,437	3,968
79	86	29 678	170,361	708,804	4,161	3,691
80	87	25 723	138,324	538,442	3,893	3,423
81	88	21 846	110,046	400,118	3,636	3,167
82	89	18 102	85,422	290,072	3,396	2,927
83	90	14 613	64,596	204,650	3,168	2,699
84	91	11 443	47,385	140,054	2,956	2,487
85	92	8 649	33,549	92,669	2,762	2,293
86	93	6 291	22,862	59,120	2,586	2,117
87	94	4 391	14,947	36,258	2,426	1,957
88	95	2 934	9,355	21,312	2,278	1,809
89	96	1 866	5,574	11,957	2,145	1,676
90	97	1 113	3,114	6,382	2,049	1,580
91	98	639	1,674	3,268	1,953	1,483
92	99	351	0,863	1,594	1,848	1,379
93	100	180	0,415	0,732	1,763	1,294

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 620	99 620,233	1 542 901,173	15,488	15,019
1	9	99 258	92 982,147	1 443 280,940	15,522	15,053
2	10	99 225	87 073,311	1 350 298,793	15,508	15,038
3	11	99 204	81 550,000	1 263 225,482	15,490	15,021
4	12	99 185	76 379,214	1 181 675,482	15,471	15,002
5	13	99 167	71 536,375	1 105 296,268	15,451	14,982
6	14	99 148	66 999,952	1 033 759,894	15,429	14,960
7	15	99 129	62 751,929	966 759,941	15,406	14,937
8	16	99 109	58 771,794	904 008,012	15,382	14,913
9	17	99 086	55 042,730	845 236,219	15,356	14,887
10	18	99 064	51 551,131	790 193,489	15,328	14,859
11	19	99 037	48 278,117	738 642,358	15,300	14,831
12	20	99 012	45 213,998	690 364,241	15,269	14,800
13	21	98 987	42 344,288	645 150,243	15,236	14,767
14	22	98 961	39 656,436	602 805,955	15,201	14,732
15	23	98 931	37 137,799	563 149,519	15,164	14,695
16	24	98 898	34 777,686	526 011,720	15,125	14,656
17	25	98 856	32 564,705	491 234,034	15,085	14,616
18	26	98 810	30 491,396	458 669,329	15,043	14,573
19	27	98 753	28 547,050	428 177,932	14,999	14,530
20	28	98 693	26 725,581	399 630,882	14,953	14,484
21	29	98 627	25 018,965	372 905,301	14,905	14,436
22	30	98 561	23 421,409	347 886,336	14,853	14,384
23	31	98 485	21 923,522	324 464,927	14,800	14,331
24	32	98 414	20 522,400	302 541,405	14,742	14,273
25	33	98 334	19 209,018	282 019,005	14,682	14,212
26	34	98 255	17 980,035	262 809,987	14,617	14,148
27	35	98 170	16 828,560	244 829,952	14,548	14,079
28	36	98 084	15 750,685	228 001,392	14,476	14,007
29	37	97 992	14 740,824	212 250,707	14,399	13,930
30	38	97 894	13 794,980	197 509,883	14,318	13,848
31	39	97 780	12 907,652	183 714,903	14,233	13,764
32	40	97 661	12 076,766	170 807,250	14,143	13,674
33	41	97 533	11 298,205	158 730,484	14,049	13,580
34	42	97 389	10 568,226	147 432,279	13,951	13,481
35	43	97 237	9 884,507	136 864,054	13,846	13,377
36	44	97 071	9 243,661	126 979,547	13,737	13,268
37	45	96 893	8 643,328	117 735,886	13,622	13,152
38	46	96 687	8 079,540	109 092,558	13,502	13,033
39	47	96 466	7 551,370	101 013,018	13,377	12,908
40	48	96 226	7 056,320	93 461,648	13,245	12,776
41	49	95 954	6 591,431	86 405,327	13,109	12,640
42	50	95 658	6 155,627	79 813,897	12,966	12,497
43	51	95 344	5 747,417	73 658,269	12,816	12,347
44	52	94 993	5 364,188	67 910,853	12,660	12,191
45	53	94 601	5 004,264	62 546,664	12,499	12,030
46	54	94 173	4 666,640	57 542,400	12,331	11,861
47	55	93 696	4 349,433	52 875,761	12,157	11,688
48	56	93 171	4 051,570	48 526,328	11,977	11,508
49	57	92 591	3 771,763	44 474,758	11,792	11,322
50	58	91 954	3 508,946	40 702,995	11,600	11,131
51	59	91 250	3 261,892	37 194,049	11,403	10,933
52	60	90 484	3 029,997	33 932,157	11,199	10,730
53	61	89 634	2 811,739	30 902,160	10,990	10,521
54	62	88 706	2 606,668	28 090,421	10,776	10,307
55	63	87 693	2 413,963	25 483,753	10,557	10,088
56	64	86 586	2 232,782	23 069,790	10,332	9,863
57	65	85 373	2 062,294	20 837,008	10,104	9,635
58	66	84 071	1 902,441	18 774,714	9,869	9,400
59	67	82 655	1 752,122	16 872,273	9,630	9,160
60	68	81 140	1 611,239	15 120,151	9,384	8,915
61	69	79 501	1 478,877	13 508,912	9,135	8,665
62	70	77 732	1 354,540	12 030,035	8,881	8,412
63	71	75 836	1 237,942	10 675,495	8,624	8,154
64	72	73 826	1 128,931	9 437,553	8,360	7,891
65	73	71 696	1 027,031	8 308,622	8,090	7,621
66	74	69 432	931,703	7 281,591	7,815	7,346
67	75	67 060	842,982	6 349,888	7,533	7,064
68	76	64 587	760,554	5 506,906	7,241	6,772
69	77	61 982	683,727	4 746,353	6,942	6,473
70	78	59 231	612,060	4 062,625	6,638	6,168
71	79	56 320	545,184	3 450,565	6,329	5,860
72	80	53 207	482,479	2 905,381	6,022	5,553
73	81	49 924	424,089	2 422,902	5,713	5,244
74	82	46 420	369,387	1 998,813	5,411	4,942
75	83	42 756	318,718	1 629,426	5,112	4,643
76	84	38 975	272,164	1 310,708	4,816	4,347
77	85	35 081	229,481	1 038,544	4,526	4,056
78	86	31 092	190,524	809,063	4,247	3,777
79	87	27 091	155,509	618,540	3,978	3,508
80	88	23 152	124,499	463,031	3,719	3,250
81	89	19 351	97,479	338,532	3,473	3,004
82	90	15 758	74,359	241,053	3,242	2,773
83	91	12 458	55,070	166,694	3,027	2,558
84	92	9 525	39,442	111,624	2,830	2,361
85	93	7 027	27,258	72,183	2,648	2,179
86	94	4 977	18,084	44,925	2,484	2,015
87	95	3 380	11,506	26,841	2,333	1,864
88	96	2 192	6,990	15,334	2,194	1,725
89	97	1 333	3,982	8,344	2,095	1,626
90	98	780	2,183	4,362	1,998	1,529
91	99	439	1,150	2,179	1,895	1,426
92	100	233	0,572	1,029	1,799	1,330

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 613	99 613,291	1 541 902,111	15,479	15,010
1	10	99 252	92 976,459	1 442 288,820	15,512	15,043
2	11	99 219	87 068,217	1 349 312,361	15,497	15,028
3	12	99 196	81 543,694	1 262 244,144	15,479	15,010
4	13	99 177	76 373,216	1 180 700,450	15,460	14,990
5	14	99 157	71 529,635	1 104 327,234	15,439	14,970
6	15	99 138	66 993,775	1 032 797,599	15,416	14,947
7	16	99 117	62 744,294	965 803,824	15,393	14,924
8	17	99 094	58 763,140	903 059,530	15,368	14,899
9	18	99 072	55 035,235	844 296,390	15,341	14,872
10	19	99 045	51 540,974	789 261,155	15,313	14,844
11	20	99 020	48 269,679	737 720,181	15,283	14,814
12	21	98 994	45 205,639	689 450,502	15,251	14,782
13	22	98 970	42 337,305	644 244,863	15,217	14,748
14	23	98 945	39 649,980	601 907,558	15,181	14,711
15	24	98 914	37 131,116	562 257,579	15,142	14,673
16	25	98 880	34 771,428	525 126,463	15,102	14,633
17	26	98 837	32 558,511	490 355,035	15,061	14,592
18	27	98 791	30 485,658	457 796,524	15,017	14,548
19	28	98 732	28 540,908	427 310,866	14,972	14,503
20	29	98 669	26 719,283	398 769,958	14,924	14,455
21	30	98 601	25 012,491	372 050,675	14,875	14,405
22	31	98 530	23 413,982	347 038,184	14,822	14,353
23	32	98 454	21 916,638	323 624,203	14,766	14,297
24	33	98 380	20 515,368	301 707,565	14,706	14,237
25	34	98 298	19 202,096	281 192,196	14,644	14,175
26	35	98 215	17 972,735	261 990,100	14,577	14,108
27	36	98 130	16 821,625	244 017,365	14,506	14,037
28	37	98 039	15 743,463	227 195,740	14,431	13,962
29	38	97 945	14 733,827	211 452,277	14,351	13,882
30	39	97 835	13 786,658	196 718,450	14,269	13,800
31	40	97 722	12 899,893	182 931,791	14,181	13,712
32	41	97 594	12 068,485	170 031,899	14,089	13,620
33	42	97 460	11 289,841	157 963,413	13,992	13,523
34	43	97 312	10 559,837	146 673,572	13,890	13,421
35	44	97 149	9 875,531	136 113,735	13,783	13,314
36	45	96 976	9 234,689	126 238,204	13,670	13,201
37	46	96 781	8 633,369	117 003,515	13,552	13,083
38	47	96 569	8 069,703	108 370,146	13,429	12,960
39	48	96 334	7 541,022	100 300,443	13,301	12,832
40	49	96 073	7 045,072	92 759,420	13,167	12,697
41	50	95 786	6 579,908	85 714,348	13,027	12,558
42	51	95 481	6 144,220	79 134,440	12,879	12,410
43	52	95 139	5 735,102	72 990,220	12,727	12,258
44	53	94 771	5 351,674	67 255,118	12,567	12,098
45	54	94 358	4 991,415	61 903,444	12,402	11,933
46	55	93 901	4 653,159	56 912,030	12,231	11,762
47	56	93 392	4 335,317	52 258,871	12,054	11,585
48	57	92 838	4 037,078	47 923,554	11,871	11,402
49	58	92 228	3 756,962	43 886,476	11,681	11,212
50	59	91 554	3 493,684	40 129,514	11,486	11,017
51	60	90 820	3 246,541	36 635,830	11,285	10,815
52	61	90 007	3 014,011	33 389,290	11,078	10,609
53	62	89 124	2 795,751	30 375,279	10,865	10,396
54	63	88 162	2 590,678	27 579,527	10,646	10,177
55	64	87 101	2 397,671	24 988,849	10,422	9,953
56	65	85 939	2 216,097	22 591,178	10,194	9,725
57	66	84 692	2 045,857	20 375,081	9,959	9,490
58	67	83 335	1 885,772	18 329,224	9,720	9,251
59	68	81 871	1 735,508	16 443,453	9,475	9,006
60	69	80 290	1 594,376	14 707,945	9,225	8,756
61	70	78 582	1 461,790	13 113,568	8,971	8,502
62	71	76 753	1 337,474	11 651,779	8,712	8,243
63	72	74 797	1 220,980	10 314,305	8,448	7,978
64	73	72 733	1 112,207	9 093,325	8,176	7,707
65	74	70 519	1 010,171	7 981,118	7,901	7,432
66	75	68 193	915,079	6 970,946	7,618	7,149
67	76	65 771	826,770	6 055,868	7,325	6,856
68	77	63 194	744,152	5 229,098	7,027	6,558
69	78	60 507	667,457	4 484,946	6,719	6,250
70	79	57 605	595,260	3 817,489	6,413	5,944
71	80	54 551	528,058	3 222,229	6,102	5,633
72	81	51 267	464,887	2 694,171	5,795	5,326
73	82	47 794	405,991	2 229,284	5,491	5,022
74	83	44 128	351,147	1 823,293	5,192	4,723
75	84	40 331	300,643	1 472,146	4,897	4,428
76	85	36 436	254,429	1 171,503	4,604	4,135
77	86	32 411	212,012	917,074	4,326	3,856
78	87	28 381	173,914	705,062	4,054	3,585
79	88	24 383	139,967	531,148	3,795	3,326
80	89	20 508	110,281	391,182	3,547	3,078
81	90	16 845	84,854	280,901	3,310	2,841
82	91	13 434	63,393	196,047	3,093	2,623
83	92	10 370	45,838	132,654	2,894	2,425
84	93	7 739	32,046	86,816	2,709	2,240
85	94	5 559	21,562	54,770	2,540	2,071
86	95	3 831	13,922	33,208	2,385	1,916
87	96	2 526	8,598	19,287	2,243	1,774
88	97	1 566	4,993	10,689	2,141	1,671
89	98	934	2,791	5,695	2,040	1,571
90	99	536	1,500	2,904	1,936	1,467
91	100	291	0,762	1,404	1,842	1,373

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 607	99 607,197	1 540 826,976	15,469	15,000
1	11	99 247	92 971,021	1 441 219,778	15,502	15,033
2	12	99 211	87 061,485	1 348 248,758	15,486	15,017
3	13	99 188	81 537,291	1 261 187,273	15,468	14,998
4	14	99 168	76 366,021	1 179 649,982	15,447	14,978
5	15	99 148	71 523,039	1 103 283,962	15,426	14,956
6	16	99 126	66 985,624	1 031 760,922	15,403	14,934
7	17	99 103	62 735,055	964 775,299	15,379	14,909
8	18	99 081	58 755,138	902 040,243	15,353	14,883
9	19	99 053	55 024,392	843 285,105	15,326	14,857
10	20	99 027	51 531,965	788 260,712	15,297	14,827
11	21	99 001	48 260,755	736 728,747	15,266	14,796
12	22	98 977	45 198,185	688 467,993	15,232	14,763
13	23	98 954	42 330,412	643 269,808	15,196	14,727
14	24	98 927	39 642,844	600 939,396	15,159	14,690
15	25	98 896	37 124,434	561 296,552	15,119	14,650
16	26	98 861	34 764,814	524 172,117	15,078	14,609
17	27	98 818	32 552,384	489 407,304	15,034	14,565
18	28	98 770	30 479,098	456 854,920	14,989	14,520
19	29	98 709	28 534,182	426 375,822	14,943	14,474
20	30	98 644	26 712,369	397 841,640	14,894	14,424
21	31	98 570	25 004,559	371 129,271	14,842	14,373
22	32	98 499	23 406,630	346 124,712	14,787	14,318
23	33	98 421	21 909,129	322 718,082	14,730	14,261
24	34	98 345	20 507,976	300 808,954	14,668	14,199
25	35	98 258	19 194,300	280 300,978	14,603	14,134
26	36	98 175	17 965,328	261 106,677	14,534	14,065
27	37	98 085	16 813,912	243 141,349	14,461	13,992
28	38	97 993	15 735,990	226 327,437	14,383	13,914
29	39	97 886	14 724,939	210 591,447	14,302	13,833
30	40	97 776	13 778,371	195 866,508	14,216	13,746
31	41	97 655	12 891,047	182 088,138	14,125	13,656
32	42	97 522	12 059,551	169 197,090	14,030	13,561
33	43	97 383	11 280,880	157 137,539	13,930	13,460
34	44	97 223	10 550,248	145 856,659	13,825	13,356
35	45	97 054	9 865,946	135 306,411	13,714	13,245
36	46	96 865	9 224,049	125 440,465	13,599	13,130
37	47	96 664	8 622,857	116 216,416	13,478	13,009
38	48	96 437	8 058,646	107 593,559	13,351	12,882
39	49	96 180	7 529,002	99 534,913	13,220	12,751
40	50	95 905	7 032,757	92 005,912	13,082	12,613
41	51	95 609	6 567,714	84 973,155	12,938	12,469
42	52	95 277	6 131,054	78 405,440	12,788	12,319
43	53	94 917	5 721,722	72 274,386	12,632	12,162
44	54	94 528	5 337,933	66 552,664	12,468	11,999
45	55	94 085	4 976,996	61 214,731	12,300	11,830
46	56	93 596	4 638,058	56 237,735	12,125	11,656
47	57	93 058	4 319,809	51 599,678	11,945	11,476
48	58	92 474	4 021,236	47 279,868	11,758	11,288
49	59	91 827	3 740,622	43 258,633	11,565	11,095
50	60	91 123	3 477,241	39 518,011	11,365	10,896
51	61	90 341	3 229,412	36 040,770	11,160	10,691
52	62	89 495	2 996,874	32 811,358	10,949	10,479
53	63	88 578	2 778,601	29 814,484	10,730	10,261
54	64	87 567	2 573,194	27 035,883	10,507	10,038
55	65	86 450	2 379,754	24 462,689	10,280	9,810
56	66	85 254	2 198,434	22 082,935	10,045	9,576
57	67	83 950	2 027,931	19 884,501	9,805	9,336
58	68	82 545	1 867,890	17 856,571	9,560	9,091
59	69	81 014	1 717,345	15 988,680	9,310	8,841
60	70	79 363	1 575,954	14 271,336	9,056	8,587
61	71	77 592	1 443,373	12 695,382	8,796	8,327
62	72	75 701	1 319,148	11 252,009	8,530	8,061
63	73	73 689	1 202,893	9 932,861	8,257	7,788
64	74	71 539	1 093,949	8 729,968	7,980	7,511
65	75	69 261	992,147	7 636,019	7,696	7,227
66	76	66 881	897,480	6 643,872	7,403	6,934
67	77	64 352	808,940	5 746,392	7,104	6,634
68	78	61 690	726,444	4 937,452	6,797	6,328
69	79	58 846	649,137	4 211,008	6,487	6,018
70	80	55 795	576,560	3 561,872	6,178	5,709
71	81	52 562	508,804	2 985,311	5,867	5,398
72	82	49 079	445,049	2 476,507	5,565	5,095
73	83	45 434	385,944	2 031,459	5,264	4,794
74	84	41 625	331,233	1 645,515	4,968	4,499
75	85	37 703	281,052	1 314,282	4,676	4,207
76	86	33 662	235,061	1 033,230	4,396	3,926
77	87	29 585	193,529	798,169	4,124	3,655
78	88	25 545	156,532	604,641	3,863	3,394
79	89	21 598	123,982	448,109	3,614	3,145
80	90	17 852	95,998	324,127	3,376	2,907
81	91	14 361	72,340	228,129	3,154	2,684
82	92	11 182	52,766	155,789	2,952	2,483
83	93	8 425	37,243	103,023	2,766	2,297
84	94	6 122	25,349	65,780	2,595	2,126
85	95	4 279	16,599	40,431	2,436	1,967
86	96	2 863	10,403	23,832	2,291	1,822
87	97	1 804	6,142	13,429	2,186	1,717
88	98	1 098	3,500	7,287	2,082	1,613
89	99	642	1,917	3,787	1,975	1,506
90	100	355	0,994	1,869	1,880	1,411

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 601	99 601,371	1 539 669,540	15,458	14,989
1	12	99 239	92 963,831	1 440 068,169	15,491	15,022
2	13	99 204	87 054,648	1 347 104,338	15,474	15,005
3	14	99 179	81 529,609	1 260 049,690	15,455	14,986
4	15	99 159	76 358,979	1 178 520,081	15,434	14,965
5	16	99 136	71 514,337	1 102 161,101	15,412	14,943
6	17	99 112	66 975,760	1 030 646,764	15,388	14,919
7	18	99 089	62 726,513	963 671,004	15,363	14,894
8	19	99 061	58 743,563	900 944,491	15,337	14,868
9	20	99 035	55 014,775	842 200,928	15,309	14,840
10	21	99 009	51 522,438	787 186,153	15,279	14,809
11	22	98 985	48 252,797	735 663,715	15,246	14,777
12	23	98 961	45 190,826	687 410,919	15,211	14,742
13	24	98 937	42 322,794	642 220,093	15,174	14,705
14	25	98 909	39 635,711	599 897,299	15,135	14,666
15	26	98 877	37 117,372	560 261,588	15,094	14,625
16	27	98 843	34 758,271	523 144,215	15,051	14,582
17	28	98 797	32 545,379	488 385,944	15,006	14,537
18	29	98 746	30 471,916	455 840,565	14,959	14,490
19	30	98 683	28 526,798	425 368,650	14,911	14,442
20	31	98 613	26 703,898	396 841,851	14,861	14,392
21	32	98 539	24 996,707	370 137,953	14,807	14,338
22	33	98 465	23 398,610	345 141,246	14,751	14,281
23	34	98 385	21 901,234	321 742,636	14,691	14,221
24	35	98 305	20 499,650	299 841,402	14,627	14,158
25	36	98 218	19 186,390	279 341,752	14,559	14,090
26	37	98 130	17 957,091	260 155,363	14,488	14,018
27	38	98 038	16 805,931	242 198,272	14,411	13,942
28	39	97 934	15 726,498	225 392,340	14,332	13,863
29	40	97 828	14 716,087	209 665,843	14,247	13,778
30	41	97 709	13 768,923	194 949,756	14,159	13,690
31	42	97 582	12 881,505	181 180,833	14,065	13,596
32	43	97 445	12 049,979	168 299,328	13,967	13,498
33	44	97 295	11 270,636	156 249,349	13,863	13,394
34	45	97 129	10 540,008	144 978,713	13,755	13,286
35	46	96 942	9 854,578	134 438,705	13,642	13,173
36	47	96 747	9 212,818	124 584,127	13,523	13,054
37	48	96 531	8 611,041	115 371,309	13,398	12,929
38	49	96 283	8 045,800	106 760,267	13,269	12,800
39	50	96 012	7 515,840	98 714,468	13,134	12,665
40	51	95 727	7 019,724	91 198,627	12,992	12,523
41	52	95 404	6 553,642	84 178,903	12,845	12,375
42	53	95 054	6 116,751	77 625,262	12,691	12,221
43	54	94 674	5 707,030	71 508,511	12,530	12,061
44	55	94 255	5 322,513	65 801,480	12,363	11,894
45	56	93 780	4 960,843	60 478,967	12,191	11,722
46	57	93 262	4 621,467	55 518,124	12,013	11,544
47	58	92 693	4 302,858	50 896,657	11,829	11,359
48	59	92 071	4 003,746	46 593,799	11,638	11,168
49	60	91 395	3 723,017	42 590,053	11,440	10,971
50	61	90 642	3 458,895	38 867,036	11,237	10,768
51	62	89 827	3 211,050	35 408,140	11,027	10,558
52	63	88 946	2 978,490	32 197,090	10,810	10,341
53	64	87 980	2 759,848	29 218,601	10,587	10,118
54	65	86 912	2 553,965	26 458,752	10,360	9,891
55	66	85 761	2 360,786	23 904,787	10,126	9,657
56	67	84 507	2 179,171	21 544,001	9,886	9,417
57	68	83 154	2 008,701	19 364,830	9,640	9,171
58	69	81 681	1 848,342	17 356,129	9,390	8,921
59	70	80 078	1 697,502	15 507,787	9,136	8,667
60	71	78 363	1 556,099	13 810,285	8,875	8,406
61	72	76 529	1 423,596	12 254,186	8,608	8,139
62	73	74 580	1 299,607	10 830,590	8,334	7,865
63	74	72 479	1 183,146	9 530,984	8,056	7,587
64	75	70 262	1 074,430	8 347,838	7,770	7,300
65	76	67 929	973,066	7 273,408	7,475	7,006
66	77	65 439	878,125	6 300,342	7,175	6,706
67	78	62 821	789,690	5 422,216	6,866	6,397
68	79	59 997	706,504	4 632,527	6,557	6,088
69	80	56 998	628,744	3 926,022	6,244	5,775
70	81	53 761	555,538	3 297,278	5,935	5,466
71	82	50 319	487,091	2 741,740	5,629	5,160
72	83	46 655	423,073	2 254,649	5,329	4,860
73	84	42 857	364,056	1 831,576	5,031	4,562
74	85	38 913	309,649	1 467,520	4,739	4,270
75	86	34 833	259,657	1 157,871	4,459	3,990
76	87	30 727	214,568	898,214	4,186	3,717
77	88	26 628	174,186	683,646	3,925	3,456
78	89	22 627	138,656	509,459	3,674	3,205
79	90	18 801	107,924	370,804	3,436	2,967
80	91	15 219	81,840	262,880	3,212	2,743
81	92	11 953	60,213	181,039	3,007	2,538
82	93	9 085	42,872	120,826	2,818	2,349
83	94	6 665	29,460	77,954	2,646	2,177
84	95	4 713	19,515	48,494	2,485	2,016
85	96	3 197	12,403	28,979	2,336	1,867
86	97	2 045	7,431	16,576	2,231	1,761
87	98	1 265	4,305	9,144	2,124	1,655
88	99	754	2,404	4,839	2,013	1,544
89	100	426	1,271	2,435	1,915	1,446

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 594	99 593,669	1 538 423,812	15,447	14,978
1	13	99 231	92 956,531	1 438 830,143	15,479	15,009
2	14	99 194	87 046,446	1 345 873,612	15,462	14,992
3	15	99 170	81 522,092	1 258 827,165	15,442	14,972
4	16	99 147	76 349,689	1 177 305,074	15,420	14,951
5	17	99 122	71 503,807	1 100 955,385	15,397	14,928
6	18	99 098	66 966,641	1 029 451,578	15,373	14,903
7	19	99 070	62 714,155	962 484,937	15,347	14,878
8	20	99 044	58 733,295	899 770,782	15,320	14,850
9	21	99 017	55 004,604	841 037,488	15,290	14,821
10	22	98 993	51 513,942	786 032,884	15,259	14,790
11	23	98 969	48 244,941	734 518,942	15,225	14,756
12	24	98 943	45 182,693	686 274,001	15,189	14,720
13	25	98 919	42 315,179	641 091,308	15,150	14,681
14	26	98 890	39 628,171	598 776,129	15,110	14,641
15	27	98 858	37 110,387	559 147,958	15,067	14,598
16	28	98 821	34 750,792	522 037,571	15,022	14,553
17	29	98 774	32 537,710	487 286,779	14,976	14,507
18	30	98 721	30 464,030	454 749,070	14,927	14,458
19	31	98 652	28 517,752	424 285,039	14,878	14,409
20	32	98 582	26 695,513	395 767,287	14,825	14,356
21	33	98 505	24 988,143	369 071,774	14,770	14,301
22	34	98 430	23 390,179	344 083,632	14,711	14,241
23	35	98 345	21 892,342	320 693,453	14,649	14,180
24	36	98 264	20 491,201	298 801,111	14,582	14,113
25	37	98 173	19 177,593	278 309,910	14,512	14,043
26	38	98 083	17 948,567	259 132,317	14,437	13,968
27	39	97 979	16 795,793	241 183,749	14,360	13,891
28	40	97 875	15 717,044	224 387,956	14,277	13,808
29	41	97 760	14 705,996	208 670,913	14,190	13,720
30	42	97 637	13 758,730	193 964,916	14,098	13,628
31	43	97 505	12 871,280	180 206,186	14,001	13,532
32	44	97 356	12 039,037	167 334,906	13,899	13,430
33	45	97 200	11 259,697	155 295,870	13,792	13,323
34	46	97 017	10 527,864	144 036,172	13,681	13,212
35	47	96 824	9 842,580	133 508,309	13,564	13,095
36	48	96 614	9 200,194	123 665,729	13,442	12,973
37	49	96 377	8 597,315	114 465,535	13,314	12,845
38	50	96 115	8 031,735	105 868,220	13,181	12,712
39	51	95 834	7 501,912	97 836,485	13,042	12,572
40	52	95 522	7 004,683	90 334,573	12,896	12,427
41	53	95 181	6 538,352	83 329,890	12,745	12,276
42	54	94 810	6 101,045	76 791,538	12,587	12,117
43	55	94 400	5 690,545	70 690,493	12,422	11,953
44	56	93 949	5 305,239	64 999,948	12,252	11,783
45	57	93 445	4 943,099	59 694,709	12,076	11,607
46	58	92 896	4 603,332	54 751,611	11,894	11,425
47	59	92 290	4 284,143	50 148,278	11,706	11,236
48	60	91 638	3 984,903	45 864,135	11,509	11,040
49	61	90 913	3 703,375	41 879,233	11,308	10,839
50	62	90 127	3 439,229	38 175,858	11,100	10,631
51	63	89 276	3 191,352	34 736,630	10,885	10,415
52	64	88 346	2 958,388	31 545,278	10,663	10,194
53	65	87 322	2 739,225	28 586,890	10,436	9,967
54	66	86 219	2 533,609	25 847,665	10,202	9,733
55	67	85 010	2 340,101	23 314,056	9,963	9,494
56	68	83 706	2 158,508	20 973,955	9,717	9,248
57	69	82 284	1 987,679	18 815,447	9,466	8,997
58	70	80 737	1 826,985	16 827,768	9,211	8,742
59	71	79 070	1 676,115	15 000,783	8,950	8,481
60	72	77 289	1 534,778	13 324,668	8,682	8,213
61	73	75 396	1 402,507	11 789,891	8,406	7,937
62	74	73 355	1 278,272	10 387,383	8,126	7,657
63	75	71 186	1 162,035	9 109,111	7,839	7,370
64	76	68 911	1 053,767	7 947,076	7,542	7,072
65	77	66 464	952,081	6 893,309	7,240	6,771
66	78	63 882	857,229	5 941,228	6,931	6,462
67	79	61 097	768,015	5 083,999	6,620	6,151
68	80	58 112	684,310	4 315,985	6,307	5,838
69	81	54 920	605,819	3 631,675	5,995	5,526
70	82	51 467	531,831	3 025,856	5,690	5,220
71	83	47 834	463,039	2 494,024	5,386	4,917
72	84	44 010	399,080	2 030,985	5,089	4,620
73	85	40 065	340,333	1 631,906	4,795	4,326
74	86	35 951	286,077	1 291,572	4,515	4,046
75	87	31 796	237,020	1 005,495	4,242	3,773
76	88	27 656	193,123	768,475	3,979	3,510
77	89	23 587	154,294	575,352	3,729	3,260
78	90	19 697	120,697	421,058	3,489	3,019
79	91	16 028	92,008	300,361	3,265	2,795
80	92	12 668	68,121	208,353	3,059	2,589
81	93	9 712	48,923	140,232	2,866	2,397
82	94	7 187	33,913	91,309	2,692	2,223
83	95	5 131	22,680	57,396	2,531	2,062
84	96	3 521	14,582	34,717	2,381	1,912
85	97	2 284	8,860	20,135	2,272	1,803
86	98	1 434	5,209	11,274	2,164	1,695
87	99	869	2,957	6,065	2,051	1,582
88	100	500	1,594	3,108	1,950	1,481

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 586	99 585,848	1 537 085,725	15,435	14,966
1	14	99 222	92 947,774	1 437 499,876	15,466	14,997
2	15	99 185	87 038,420	1 344 552,103	15,448	14,979
3	16	99 158	81 512,173	1 257 513,682	15,427	14,958
4	17	99 132	76 338,447	1 176 001,510	15,405	14,936
5	18	99 108	71 494,071	1 099 663,063	15,381	14,912
6	19	99 079	66 953,447	1 028 168,992	15,356	14,887
7	20	99 052	62 703,193	961 215,545	15,330	14,860
8	21	99 026	58 722,436	898 512,352	15,301	14,832
9	22	99 001	54 995,533	839 789,915	15,270	14,801
10	23	98 977	51 505,555	784 794,382	15,237	14,768
11	24	98 951	48 236,258	733 288,827	15,202	14,733
12	25	98 926	45 174,563	685 052,568	15,165	14,695
13	26	98 900	42 307,129	639 878,005	15,125	14,655
14	27	98 872	39 620,713	597 570,876	15,082	14,613
15	28	98 837	37 102,402	557 950,163	15,038	14,569
16	29	98 798	34 742,603	520 847,761	14,992	14,522
17	30	98 748	32 529,290	486 105,158	14,944	14,474
18	31	98 690	30 454,369	453 575,868	14,894	14,424
19	32	98 621	28 508,797	423 121,499	14,842	14,373
20	33	98 548	26 686,366	394 612,702	14,787	14,318
21	34	98 470	24 979,139	367 926,335	14,729	14,260
22	35	98 390	23 380,682	342 947,197	14,668	14,199
23	36	98 305	21 883,320	319 566,514	14,603	14,134
24	37	98 219	20 481,806	297 683,195	14,534	14,065
25	38	98 126	19 168,490	277 201,388	14,461	13,992
26	39	98 024	17 937,740	258 032,899	14,385	13,916
27	40	97 920	16 785,696	240 095,159	14,304	13,834
28	41	97 808	15 706,266	223 309,462	14,218	13,749
29	42	97 688	14 695,110	207 603,196	14,127	13,658
30	43	97 560	13 747,809	192 908,086	14,032	13,563
31	44	97 416	12 859,592	179 160,277	13,932	13,463
32	45	97 262	12 027,352	166 300,685	13,827	13,358
33	46	97 088	11 246,723	154 273,333	13,717	13,248
34	47	96 899	10 515,046	143 026,610	13,602	13,133
35	48	96 692	9 829,093	132 511,564	13,482	13,012
36	49	96 460	9 185,528	122 682,471	13,356	12,887
37	50	96 209	8 582,286	113 496,943	13,225	12,755
38	51	95 936	8 016,851	104 914,657	13,087	12,618
39	52	95 629	7 485,838	96 897,806	12,944	12,475
40	53	95 299	6 988,341	89 411,968	12,794	12,325
41	54	94 937	6 521,564	82 423,627	12,639	12,170
42	55	94 536	6 083,421	75 902,063	12,477	12,008
43	56	94 094	5 672,076	69 818,642	12,309	11,840
44	57	93 613	5 286,262	64 146,566	12,135	11,665
45	58	93 078	4 923,701	58 860,303	11,954	11,485
46	59	92 492	4 583,310	53 936,602	11,768	11,299
47	60	91 856	4 263,980	49 353,292	11,574	11,105
48	61	91 155	3 963,878	45 089,312	11,375	10,906
49	62	90 396	3 682,318	41 125,433	11,168	10,699
50	63	89 574	3 418,131	37 443,116	10,954	10,485
51	64	88 674	3 169,814	34 024,985	10,734	10,265
52	65	87 685	2 936,281	30 855,171	10,508	10,039
53	66	86 626	2 717,392	27 918,890	10,274	9,805
54	67	85 464	2 511,409	25 201,498	10,035	9,566
55	68	84 204	2 317,912	22 690,089	9,789	9,320
56	69	82 830	2 135,917	20 372,177	9,538	9,069
57	70	81 333	1 964,712	18 236,260	9,282	8,813
58	71	79 720	1 803,967	16 271,548	9,020	8,551
59	72	77 986	1 653,149	14 467,581	8,752	8,282
60	73	76 144	1 512,042	12 814,431	8,475	8,006
61	74	74 158	1 379,484	11 302,389	8,193	7,724
62	75	72 047	1 255,464	9 922,906	7,904	7,435
63	76	69 817	1 139,687	8 667,442	7,605	7,136
64	77	67 425	1 031,041	7 527,754	7,301	6,832
65	78	64 882	929,425	6 496,713	6,990	6,521
66	79	62 128	833,700	5 567,288	6,678	6,209
67	80	59 177	743,888	4 733,588	6,363	5,894
68	81	55 994	659,359	3 989,700	6,051	5,582
69	82	52 576	579,967	3 330,342	5,742	5,273
70	83	48 925	505,570	2 750,375	5,440	4,971
71	84	45 121	436,780	2 244,805	5,139	4,670
72	85	41 142	373,074	1 808,026	4,846	4,377
73	86	37 015	314,426	1 434,951	4,564	4,095
74	87	32 816	261,137	1 120,526	4,291	3,822
75	88	28 618	213,331	859,389	4,028	3,559
76	89	24 498	171,068	646,058	3,777	3,307
77	90	20 532	134,310	474,990	3,537	3,067
78	91	16 792	102,897	340,680	3,311	2,842
79	92	13 341	76,584	237,783	3,105	2,636
80	93	10 293	55,348	161,198	2,912	2,443
81	94	7 683	38,699	105,850	2,735	2,266
82	95	5 533	26,107	67,151	2,572	2,103
83	96	3 834	16,947	41,043	2,422	1,953
84	97	2 516	10,417	24,097	2,313	1,844
85	98	1 601	6,211	13,680	2,203	1,733
86	99	985	3,578	7,469	2,088	1,618
87	100	576	1,961	3,891	1,985	1,515

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,466	1 535 649,086	15,422	14,953
1	15	99 213	92 939,203	1 436 072,619	15,452	14,983
2	16	99 173	87 027,830	1 343 133,416	15,433	14,964
3	17	99 143	81 500,171	1 256 105,586	15,412	14,943
4	18	99 119	76 328,052	1 174 605,415	15,389	14,920
5	19	99 089	71 479,985	1 098 277,363	15,365	14,896
6	20	99 061	66 941,744	1 026 797,378	15,339	14,870
7	21	99 034	62 691,601	959 855,633	15,311	14,842
8	22	99 009	58 712,753	897 164,033	15,281	14,811
9	23	98 985	54 986,580	838 451,280	15,248	14,779
10	24	98 959	51 496,286	783 464,700	15,214	14,745
11	25	98 933	48 227,579	731 968,414	15,177	14,708
12	26	98 907	45 165,970	683 740,835	15,138	14,669
13	27	98 881	42 299,167	638 574,865	15,097	14,628
14	28	98 851	39 612,188	596 275,698	15,053	14,584
15	29	98 814	37 093,659	556 663,510	15,007	14,538
16	30	98 773	34 733,613	519 569,852	14,959	14,490
17	31	98 717	32 518,974	484 836,239	14,909	14,440
18	32	98 659	30 444,807	452 317,265	14,857	14,388
19	33	98 587	28 499,029	421 872,458	14,803	14,334
20	34	98 512	26 676,750	393 373,429	14,746	14,277
21	35	98 430	24 968,997	366 696,679	14,686	14,217
22	36	98 349	23 371,046	341 727,682	14,622	14,153
23	37	98 260	21 873,286	318 356,635	14,555	14,085
24	38	98 173	20 472,084	296 483,349	14,482	14,013
25	39	98 067	19 156,926	276 011,265	14,408	13,939
26	40	97 965	17 926,957	256 854,338	14,328	13,859
27	41	97 853	16 774,186	238 927,381	14,244	13,775
28	42	97 735	15 694,640	222 153,195	14,155	13,686
29	43	97 611	14 683,446	206 458,555	14,061	13,592
30	44	97 471	13 735,325	191 775,110	13,962	13,493
31	45	97 322	12 847,111	178 039,785	13,858	13,389
32	46	97 150	12 013,494	165 192,674	13,751	13,281
33	47	96 970	11 233,030	153 179,180	13,636	13,167
34	48	96 766	10 500,637	141 946,150	13,518	13,049
35	49	96 538	9 813,424	131 445,513	13,394	12,925
36	50	96 292	9 169,471	121 632,089	13,265	12,796
37	51	96 030	8 566,382	112 462,617	13,128	12,659
38	52	95 731	7 999,673	103 896,235	12,988	12,518
39	53	95 406	7 468,374	95 896,563	12,840	12,371
40	54	95 055	6 970,397	88 428,189	12,686	12,217
41	55	94 663	6 502,725	81 457,792	12,527	12,058
42	56	94 230	6 063,678	74 955,066	12,361	11,892
43	57	93 757	5 651,787	68 891,389	12,189	11,720
44	58	93 246	5 265,518	63 239,601	12,010	11,541
45	59	92 673	4 902,286	57 974,083	11,826	11,357
46	60	92 056	4 561,740	53 071,797	11,634	11,165
47	61	91 371	4 241,484	48 510,057	11,437	10,968
48	62	90 636	3 941,340	44 268,574	11,232	10,763
49	63	89 841	3 659,729	40 327,233	11,019	10,550
50	64	88 970	3 395,062	36 667,505	10,800	10,331
51	65	88 011	3 146,127	33 272,443	10,576	10,107
52	66	86 987	2 912,878	30 126,316	10,342	9,873
53	67	85 867	2 693,582	27 213,438	10,103	9,634
54	68	84 654	2 487,595	24 519,856	9,857	9,388
55	69	83 322	2 293,653	22 032,261	9,606	9,137
56	70	81 873	2 111,238	19 738,607	9,349	8,880
57	71	80 309	1 939,959	17 627,370	9,086	8,617
58	72	78 627	1 779,249	15 687,411	8,817	8,348
59	73	76 831	1 628,660	13 908,161	8,540	8,071
60	74	74 894	1 487,220	12 279,501	8,257	7,788
61	75	72 835	1 354,869	10 792,281	7,966	7,496
62	76	70 661	1 231,320	9 437,412	7,664	7,195
63	77	68 312	1 115,109	8 206,092	7,359	6,890
64	78	65 820	1 006,506	7 090,983	7,045	6,576
65	79	63 101	903,914	6 084,477	6,731	6,262
66	80	60 177	807,510	5 180,563	6,415	5,946
67	81	57 020	716,765	4 373,053	6,101	5,632
68	82	53 604	631,221	3 656,289	5,792	5,323
69	83	49 980	551,329	3 025,067	5,487	5,018
70	84	46 151	476,898	2 473,739	5,187	4,718
71	85	42 181	408,318	1 996,841	4,890	4,421
72	86	38 010	344,674	1 588,523	4,609	4,140
73	87	33 788	287,014	1 243,849	4,334	3,865
74	88	29 537	235,037	956,835	4,071	3,602
75	89	25 350	188,968	721,798	3,820	3,351
76	90	21 325	148,911	532,829	3,578	3,109
77	91	17 504	114,503	383,918	3,353	2,884
78	92	13 977	85,648	269,415	3,146	2,676
79	93	10 840	62,225	183,767	2,953	2,484
80	94	8 142	43,782	121,543	2,776	2,307
81	95	5 914	29,792	77,761	2,610	2,141
82	96	4 134	19,508	47,969	2,459	1,990
83	97	2 739	12,106	28,461	2,351	1,882
84	98	1 763	7,302	16,355	2,240	1,771
85	99	1 100	4,266	9,053	2,122	1,653
86	100	653	2,372	4,787	2,018	1,549

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 567	99 567,285	1 534 108,857	15,408	14,939
1	16	99 201	92 927,896	1 434 541,572	15,437	14,968
2	17	99 159	87 015,016	1 341 613,677	15,418	14,949
3	18	99 130	81 489,073	1 254 598,661	15,396	14,927
4	19	99 099	76 313,014	1 173 109,587	15,372	14,903
5	20	99 071	71 467,491	1 096 796,573	15,347	14,878
6	21	99 043	66 929,368	1 025 329,082	15,320	14,850
7	22	99 018	62 681,263	958 399,714	15,290	14,821
8	23	98 993	58 703,194	895 718,451	15,258	14,789
9	24	98 967	54 976,684	837 015,257	15,225	14,756
10	25	98 941	51 487,020	782 038,572	15,189	14,720
11	26	98 914	48 218,405	730 551,552	15,151	14,682
12	27	98 888	45 157,470	682 333,148	15,110	14,641
13	28	98 860	42 290,065	637 175,678	15,067	14,598
14	29	98 827	39 602,853	594 885,613	15,021	14,552
15	30	98 788	37 084,060	555 282,759	14,974	14,504
16	31	98 741	34 722,598	518 198,699	14,924	14,455
17	32	98 686	32 508,763	483 476,102	14,872	14,403
18	33	98 625	30 434,375	450 967,339	14,818	14,349
19	34	98 552	28 488,760	420 532,963	14,761	14,292
20	35	98 472	26 665,920	392 044,203	14,702	14,233
21	36	98 389	24 958,707	365 378,283	14,639	14,170
22	37	98 304	23 360,331	340 419,577	14,573	14,103
23	38	98 213	21 862,904	317 059,246	14,502	14,033
24	39	98 114	20 459,735	295 196,342	14,428	13,959
25	40	98 008	19 145,410	274 736,608	14,350	13,881
26	41	97 898	17 914,664	255 591,197	14,267	13,798
27	42	97 781	16 761,769	237 676,533	14,180	13,711
28	43	97 658	15 682,182	220 914,764	14,087	13,618
29	44	97 522	14 670,112	205 232,582	13,990	13,521
30	45	97 376	13 721,994	190 562,470	13,887	13,418
31	46	97 210	12 832,308	176 840,476	13,781	13,312
32	47	97 031	11 998,867	164 008,168	13,669	13,200
33	48	96 837	11 217,638	152 009,301	13,551	13,082
34	49	96 612	10 483,898	140 791,663	13,429	12,960
35	50	96 369	9 796,270	130 307,765	13,302	12,833
36	51	96 113	9 152,479	120 511,495	13,167	12,698
37	52	95 825	8 548,026	111 359,017	13,027	12,558
38	53	95 507	7 981,010	102 810,990	12,882	12,413
39	54	95 161	7 449,197	94 829,980	12,730	12,261
40	55	94 780	6 950,262	87 380,783	12,572	12,103
41	56	94 355	6 481,621	80 430,521	12,409	11,940
42	57	93 893	6 041,988	73 948,900	12,239	11,770
43	58	93 389	5 629,609	67 906,912	12,062	11,593
44	59	92 840	5 242,616	62 277,303	11,879	11,410
45	60	92 237	4 879,214	57 034,686	11,689	11,220
46	61	91 571	4 537,672	52 155,472	11,494	11,025
47	62	90 851	4 217,367	47 617,800	11,291	10,822
48	63	90 080	3 917,162	43 400,433	11,080	10,610
49	64	89 235	3 635,030	39 483,271	10,862	10,393
50	65	88 305	3 369,692	35 848,241	10,638	10,169
51	66	87 310	3 121,051	32 478,549	10,406	9,937
52	67	86 224	2 887,355	29 357,498	10,168	9,698
53	68	85 053	2 668,041	26 470,144	9,921	9,452
54	69	83 768	2 461,561	23 802,103	9,670	9,200
55	70	82 360	2 267,151	21 340,542	9,413	8,944
56	71	80 841	2 084,639	19 073,391	9,149	8,680
57	72	79 208	1 913,378	16 988,752	8,879	8,410
58	73	77 463	1 752,892	15 075,374	8,600	8,131
59	74	75 570	1 601,924	13 322,482	8,317	7,847
60	75	73 558	1 460,683	11 720,558	8,024	7,555
61	76	71 434	1 328,813	10 259,874	7,721	7,252
62	77	69 137	1 204,765	8 931,061	7,413	6,944
63	78	66 686	1 088,573	7 726,296	7,098	6,629
64	79	64 014	978,880	6 637,723	6,781	6,312
65	80	61 119	875,518	5 658,843	6,463	5,994
66	81	57 983	778,067	4 783,325	6,148	5,679
67	82	54 586	686,177	4 005,259	5,837	5,368
68	83	50 957	600,052	3 319,081	5,531	5,062
69	84	47 145	520,062	2 719,029	5,228	4,759
70	85	43 143	445,822	2 198,967	4,932	4,463
71	86	38 970	377,235	1 753,145	4,647	4,178
72	87	34 696	314,626	1 375,910	4,373	3,904
73	88	30 411	258,328	1 061,285	4,108	3,639
74	89	26 163	208,196	802,957	3,857	3,388
75	90	22 067	164,494	594,761	3,616	3,147
76	91	18 180	126,951	430,268	3,389	2,920
77	92	14 570	95,308	303,317	3,182	2,713
78	93	11 356	69,589	208,009	2,989	2,520
79	94	8 575	49,221	138,420	2,812	2,343
80	95	6 268	33,705	89,199	2,646	2,177
81	96	4 419	22,261	55,494	2,493	2,024
82	97	2 953	13,935	33,233	2,385	1,916
83	98	1 920	8,486	19,297	2,274	1,805
84	99	1 211	5,015	10,811	2,156	1,686
85	100	729	2,829	5,796	2,049	1,580

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 555	99 555,170	1 532 457,790	15,393	14,924
1	17	99 186	92 914,212	1 432 902,620	15,422	14,953
2	18	99 145	87 003,168	1 339 988,407	15,402	14,932
3	19	99 110	81 473,018	1 252 985,240	15,379	14,910
4	20	99 082	76 299,676	1 171 512,221	15,354	14,885
5	21	99 053	71 454,279	1 095 212,546	15,327	14,858
6	22	99 027	66 918,332	1 023 758,267	15,299	14,829
7	23	99 002	62 671,058	956 839,936	15,268	14,799
8	24	98 975	58 692,630	894 168,878	15,235	14,766
9	25	98 949	54 966,792	835 476,248	15,200	14,731
10	26	98 922	51 477,226	780 509,456	15,162	14,693
11	27	98 896	48 209,330	729 032,230	15,122	14,653
12	28	98 867	45 147,753	680 822,900	15,080	14,611
13	29	98 837	42 280,100	635 675,148	15,035	14,566
14	30	98 802	39 592,605	593 395,048	14,988	14,518
15	31	98 757	37 072,300	553 802,442	14,938	14,469
16	32	98 710	34 711,695	516 730,143	14,886	14,417
17	33	98 652	32 497,625	482 018,448	14,832	14,363
18	34	98 589	30 423,409	449 520,824	14,775	14,306
19	35	98 512	28 477,194	419 097,415	14,717	14,248
20	36	98 432	26 654,930	390 620,221	14,655	14,186
21	37	98 344	24 947,263	363 965,291	14,589	14,120
22	38	98 258	23 349,242	339 018,028	14,519	14,050
23	39	98 154	21 849,715	315 668,785	14,447	13,978
24	40	98 055	20 447,435	293 819,070	14,369	13,900
25	41	97 941	19 132,282	273 371,635	14,289	13,819
26	42	97 825	17 901,403	254 239,353	14,202	13,733
27	43	97 703	16 748,464	236 337,950	14,111	13,642
28	44	97 569	15 667,942	219 589,486	14,015	13,546
29	45	97 427	14 655,874	203 921,544	13,914	13,445
30	46	97 264	13 706,183	189 265,670	13,809	13,340
31	47	97 091	12 816,684	175 559,487	13,698	13,229
32	48	96 898	11 982,425	162 742,803	13,582	13,113
33	49	96 683	11 199,756	150 760,378	13,461	12,992
34	50	96 443	10 465,572	139 560,622	13,335	12,866
35	51	96 190	9 778,115	129 095,050	13,202	12,733
36	52	95 907	9 132,868	119 316,935	13,065	12,595
37	53	95 601	8 528,084	110 184,067	12,920	12,451
38	54	95 262	7 960,517	101 655,983	12,770	12,301
39	55	94 886	7 427,679	93 695,466	12,614	12,145
40	56	94 472	6 927,705	86 267,787	12,453	11,983
41	57	94 018	6 458,437	79 340,082	12,285	11,816
42	58	93 524	6 018,279	72 881,645	12,110	11,641
43	59	92 983	5 605,124	66 863,367	11,929	11,460
44	60	92 403	5 217,943	61 258,243	11,740	11,271
45	61	91 750	4 853,472	56 040,300	11,546	11,077
46	62	91 050	4 511,871	51 186,829	11,345	10,876
47	63	90 294	4 191,496	46 674,957	11,136	10,667
48	64	89 472	3 890,726	42 483,461	10,919	10,450
49	65	88 568	3 607,866	38 592,735	10,697	10,228
50	66	87 601	3 342,834	34 984,869	10,466	9,997
51	67	86 545	3 093,704	31 642,035	10,228	9,759
52	68	85 407	2 859,976	28 548,331	9,982	9,513
53	69	84 163	2 640,118	25 688,355	9,730	9,261
54	70	82 800	2 433,119	23 048,237	9,473	9,004
55	71	81 322	2 238,588	20 615,119	9,209	8,740
56	72	79 733	2 056,075	18 376,531	8,938	8,469
57	73	78 035	1 885,034	16 320,456	8,658	8,189
58	74	76 191	1 724,117	14 435,421	8,373	7,904
59	75	74 221	1 573,341	12 711,305	8,079	7,610
60	76	72 143	1 432,592	11 137,964	7,775	7,306
61	77	69 893	1 300,156	9 705,372	7,465	6,996
62	78	67 492	1 176,096	8 405,216	7,147	6,678
63	79	64 856	1 058,694	7 229,120	6,828	6,359
64	80	62 003	948,129	6 170,426	6,508	6,039
65	81	58 891	843,595	5 222,297	6,191	5,721
66	82	55 508	744,864	4 378,702	5,879	5,409
67	83	51 891	652,295	3 633,838	5,571	5,102
68	84	48 067	566,022	2 981,544	5,268	4,798
69	85	44 073	486,173	2 415,521	4,968	4,499
70	86	39 859	411,884	1 929,348	4,684	4,215
71	87	35 573	344,347	1 517,464	4,407	3,938
72	88	31 228	283,180	1 173,117	4,143	3,674
73	89	26 938	228,827	889,937	3,889	3,420
74	90	22 775	181,230	661,110	3,648	3,179
75	91	18 813	140,235	479,880	3,422	2,953
76	92	15 132	105,669	339,645	3,214	2,745
77	93	11 838	77,438	233,976	3,021	2,552
78	94	8 983	55,047	156,538	2,844	2,375
79	95	6 601	37,892	101,492	2,678	2,209
80	96	4 684	25,185	63,599	2,525	2,056
81	97	3 157	15,902	38,414	2,416	1,947
82	98	2 070	9,769	22,512	2,305	1,835
83	99	1 319	5,829	12,743	2,186	1,717
84	100	803	3,325	6,915	2,079	1,610

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 541	99 540,511	1 530 691,515	15,378	14,908
1	18	99 172	92 901,561	1 431 151,004	15,405	14,936
2	19	99 125	86 986,027	1 338 249,443	15,385	14,916
3	20	99 093	81 458,778	1 251 263,417	15,361	14,892
4	21	99 064	76 285,569	1 169 804,639	15,335	14,865
5	22	99 037	71 442,496	1 093 519,070	15,306	14,837
6	23	99 011	66 907,437	1 022 076,574	15,276	14,807
7	24	98 984	62 659,779	955 169,137	15,244	14,775
8	25	98 957	58 682,069	892 509,358	15,209	14,740
9	26	98 930	54 956,336	833 827,289	15,173	14,703
10	27	98 904	51 467,538	778 870,953	15,133	14,664
11	28	98 875	48 198,956	727 403,415	15,092	14,623
12	29	98 844	45 137,114	679 204,459	15,048	14,578
13	30	98 811	42 269,159	634 067,345	15,001	14,532
14	31	98 770	39 580,049	591 798,186	14,952	14,483
15	32	98 726	37 060,659	552 218,137	14,900	14,431
16	33	98 676	34 699,801	515 157,478	14,846	14,377
17	34	98 616	32 485,915	480 457,676	14,790	14,321
18	35	98 549	30 411,057	447 971,762	14,731	14,261
19	36	98 471	28 465,457	417 560,704	14,669	14,200
20	37	98 387	26 642,709	389 095,247	14,604	14,135
21	38	98 297	24 935,422	362 452,538	14,536	14,067
22	39	98 198	23 335,157	337 517,117	14,464	13,995
23	40	98 095	21 836,580	314 181,960	14,388	13,919
24	41	97 987	20 433,415	292 345,380	14,307	13,838
25	42	97 868	19 118,120	271 911,965	14,223	13,754
26	43	97 748	17 887,193	252 793,845	14,133	13,664
27	44	97 614	16 733,255	234 906,652	14,038	13,569
28	45	97 474	15 652,735	218 173,397	13,938	13,469
29	46	97 315	14 638,987	202 520,662	13,834	13,365
30	47	97 146	13 689,496	187 881,675	13,725	13,255
31	48	96 958	12 799,121	174 192,180	13,610	13,141
32	49	96 744	11 963,325	161 393,058	13,491	13,022
33	50	96 514	11 180,178	149 429,734	13,366	12,896
34	51	96 264	10 446,177	138 249,556	13,234	12,765
35	52	95 984	9 757,164	127 803,379	13,098	12,629
36	53	95 683	9 111,561	118 046,215	12,956	12,487
37	54	95 356	8 506,187	108 934,654	12,807	12,337
38	55	94 987	7 937,522	100 428,467	12,652	12,183
39	56	94 578	7 403,573	92 490,945	12,493	12,024
40	57	94 134	6 902,925	85 087,373	12,326	11,857
41	58	93 649	6 433,093	78 184,448	12,153	11,684
42	59	93 117	5 992,103	71 751,355	11,974	11,505
43	60	92 546	5 578,744	65 759,252	11,787	11,318
44	61	91 916	5 190,413	60 180,508	11,595	11,125
45	62	91 229	4 825,875	54 990,095	11,395	10,926
46	63	90 491	4 484,194	50 164,220	11,187	10,718
47	64	89 685	4 163,208	45 680,026	10,972	10,503
48	65	88 804	3 861,652	41 516,818	10,751	10,282
49	66	87 862	3 579,110	37 655,167	10,521	10,052
50	67	86 833	3 313,544	34 076,057	10,284	9,815
51	68	85 724	3 064,369	30 762,513	10,039	9,570
52	69	84 513	2 830,044	27 698,144	9,787	9,318
53	70	83 191	2 609,613	24 868,100	9,529	9,060
54	71	81 757	2 402,464	22 258,487	9,265	8,796
55	72	80 208	2 207,915	19 856,023	8,993	8,524
56	73	78 552	2 025,618	17 648,108	8,712	8,243
57	74	76 754	1 854,089	15 622,490	8,426	7,957
58	75	74 832	1 693,353	13 768,401	8,131	7,662
59	76	72 794	1 543,083	12 075,048	7,825	7,356
60	77	70 587	1 401,697	10 531,965	7,514	7,045
61	78	68 230	1 269,217	9 130,268	7,194	6,724
62	79	65 639	1 143,814	7 861,051	6,873	6,404
63	80	62 818	1 025,436	6 717,237	6,551	6,081
64	81	59 742	913,558	5 691,801	6,230	5,761
65	82	56 378	807,596	4 778,243	5,917	5,447
66	83	52 767	708,083	3 970,647	5,608	5,138
67	84	48 948	615,302	3 262,564	5,302	4,833
68	85	44 935	529,139	2 647,262	5,003	4,534
69	86	40 718	449,163	2 118,123	4,716	4,247
70	87	36 384	375,976	1 668,960	4,439	3,970
71	88	32 017	309,931	1 292,984	4,172	3,703
72	89	27 662	250,840	983,052	3,919	3,450
73	90	23 449	199,189	732,212	3,676	3,207
74	91	19 416	154,503	533,023	3,450	2,981
75	92	15 659	116,727	378,519	3,243	2,774
76	93	12 295	85,856	261,793	3,049	2,580
77	94	9 364	61,255	175,937	2,872	2,403
78	95	6 915	42,377	114,682	2,706	2,237
79	96	4 932	28,314	72,305	2,554	2,085
80	97	3 346	17,991	43,991	2,445	1,976
81	98	2 213	11,147	26,000	2,332	1,863
82	99	1 422	6,710	14,853	2,214	1,744
83	100	874	3,865	8,143	2,107	1,638

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 527	99 526,958	1 528 804,983	15,361	14,892
1	19	99 153	92 883,258	1 429 278,026	15,388	14,919
2	20	99 108	86 970,822	1 336 394,768	15,366	14,897
3	21	99 074	81 443,718	1 249 423,946	15,341	14,872
4	22	99 047	76 272,990	1 167 980,228	15,313	14,844
5	23	99 021	71 430,864	1 091 707,238	15,283	14,814
6	24	98 993	66 895,396	1 020 276,374	15,252	14,783
7	25	98 966	62 648,505	953 380,978	15,218	14,749
8	26	98 939	58 670,906	890 732,473	15,182	14,713
9	27	98 912	54 945,993	832 061,568	15,143	14,674
10	28	98 882	51 456,463	777 115,574	15,102	14,633
11	29	98 851	48 187,599	725 659,111	15,059	14,590
12	30	98 818	45 125,434	677 471,513	15,013	14,544
13	31	98 780	42 255,754	632 346,079	14,965	14,496
14	32	98 739	39 567,621	590 090,325	14,913	14,444
15	33	98 692	37 047,961	550 522,703	14,860	14,391
16	34	98 641	34 687,298	513 474,743	14,803	14,334
17	35	98 576	32 472,725	478 787,445	14,744	14,275
18	36	98 509	30 398,524	446 314,719	14,682	14,213
19	37	98 426	28 452,406	415 916,195	14,618	14,149
20	38	98 340	26 630,062	387 463,789	14,550	14,081
21	39	98 238	24 920,379	360 833,727	14,479	14,010
22	40	98 139	23 321,129	335 913,347	14,404	13,935
23	41	98 028	21 821,607	312 592,218	14,325	13,856
24	42	97 915	20 418,288	290 770,611	14,241	13,772
25	43	97 791	19 102,944	270 352,323	14,152	13,683
26	44	97 659	17 870,951	251 249,379	14,059	13,590
27	45	97 520	16 717,015	233 378,428	13,961	13,491
28	46	97 362	15 634,699	216 661,413	13,858	13,389
29	47	97 196	14 621,164	201 026,715	13,749	13,280
30	48	97 013	13 670,737	186 405,551	13,635	13,166
31	49	96 804	12 778,719	172 734,814	13,517	13,048
32	50	96 575	11 942,412	159 956,095	13,394	12,925
33	51	96 335	11 159,459	148 013,683	13,264	12,794
34	52	96 058	10 423,794	136 854,224	13,129	12,660
35	53	95 760	9 734,401	126 430,430	12,988	12,519
36	54	95 438	9 088,165	116 696,030	12,840	12,371
37	55	95 080	8 481,615	107 607,864	12,687	12,218
38	56	94 679	7 911,761	99 126,249	12,529	12,060
39	57	94 239	7 377,090	91 214,488	12,365	11,895
40	58	93 765	6 875,837	83 837,398	12,193	11,724
41	59	93 242	6 405,113	76 961,561	12,016	11,547
42	60	92 679	5 963,902	70 556,448	11,831	11,361
43	61	92 057	5 549,311	64 592,547	11,640	11,171
44	62	91 393	5 160,901	59 043,236	11,440	10,971
45	63	90 669	4 796,271	53 882,335	11,234	10,765
46	64	89 881	4 453,930	49 086,064	11,021	10,552
47	65	89 015	4 132,098	44 632,133	10,801	10,332
48	66	88 096	3 830,873	40 500,036	10,572	10,103
49	67	87 092	3 547,749	36 669,163	10,336	9,867
50	68	86 010	3 282,124	33 121,414	10,091	9,622
51	69	84 827	3 032,298	29 839,290	9,840	9,371
52	70	83 536	2 797,344	26 806,992	9,583	9,114
53	71	82 142	2 576,735	24 009,647	9,318	8,849
54	72	80 636	2 369,546	21 432,913	9,045	8,576
55	73	79 020	2 175,208	19 063,366	8,764	8,295
56	74	77 263	1 992,365	16 888,158	8,476	8,007
57	75	75 384	1 821,006	14 895,794	8,180	7,711
58	76	73 392	1 660,787	13 074,787	7,873	7,404
59	77	71 224	1 509,805	11 414,000	7,560	7,091
60	78	68 908	1 368,342	9 904,195	7,238	6,769
61	79	66 357	1 234,380	8 535,853	6,915	6,446
62	80	63 577	1 107,882	7 301,474	6,590	6,121
63	81	60 528	988,047	6 193,592	6,269	5,799
64	82	57 193	874,573	5 205,545	5,952	5,483
65	83	53 594	767,718	4 330,972	5,641	5,172
66	84	49 775	667,927	3 563,254	5,335	4,866
67	85	45 759	575,207	2 895,327	5,034	4,564
68	86	41 514	488,858	2 320,120	4,746	4,277
69	87	37 168	410,005	1 831,262	4,466	3,997
70	88	32 748	338,399	1 421,257	4,200	3,731
71	89	28 361	274,537	1 082,858	3,944	3,475
72	90	24 079	218,352	808,322	3,702	3,233
73	91	19 991	169,814	589,970	3,474	3,005
74	92	16 161	128,603	420,156	3,267	2,798
75	93	12 723	94,840	291,553	3,074	2,605
76	94	9 726	67,914	196,713	2,896	2,427
77	95	7 209	47,156	128,798	2,731	2,262
78	96	5 167	31,665	81,642	2,578	2,109
79	97	3 523	20,226	49,977	2,471	2,002
80	98	2 345	12,611	29,751	2,359	1,890
81	99	1 520	7,657	17,140	2,238	1,769
82	100	943	4,449	9,483	2,132	1,662

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 507	99 507,349	1 526 788,901	15,343	14,874
1	20	99 136	92 867,023	1 427 281,552	15,369	14,900
2	21	99 090	86 954,743	1 334 414,529	15,346	14,877
3	22	99 058	81 430,288	1 247 459,786	15,319	14,850
4	23	99 031	76 260,572	1 166 029,498	15,290	14,821
5	24	99 003	71 418,009	1 089 768,926	15,259	14,790
6	25	98 975	66 883,359	1 018 350,917	15,226	14,757
7	26	98 947	62 636,587	951 467,558	15,190	14,721
8	27	98 920	58 659,864	888 830,970	15,152	14,683
9	28	98 890	54 934,170	830 171,106	15,112	14,643
10	29	98 859	51 444,338	775 236,937	15,069	14,600
11	30	98 826	48 175,129	723 792,599	15,024	14,555
12	31	98 787	45 111,123	675 617,470	14,977	14,508
13	32	98 749	42 242,486	630 506,347	14,926	14,457
14	33	98 706	39 554,064	588 263,860	14,872	14,403
15	34	98 657	37 034,611	548 709,796	14,816	14,347
16	35	98 601	34 673,215	511 675,185	14,757	14,288
17	36	98 536	32 459,342	477 001,970	14,695	14,226
18	37	98 463	30 384,586	444 542,627	14,631	14,161
19	38	98 379	28 438,901	414 158,041	14,563	14,094
20	39	98 281	26 613,998	385 719,140	14,493	14,024
21	40	98 179	24 905,398	359 105,143	14,419	13,950
22	41	98 072	23 305,138	334 199,744	14,340	13,871
23	42	97 955	21 805,453	310 894,606	14,258	13,789
24	43	97 837	20 402,081	289 089,153	14,170	13,700
25	44	97 702	19 085,598	268 687,072	14,078	13,609
26	45	97 564	17 853,605	249 601,474	13,980	13,511
27	46	97 407	16 697,753	231 747,869	13,879	13,410
28	47	97 244	15 615,663	215 050,116	13,771	13,302
29	48	97 063	14 601,128	199 434,453	13,659	13,190
30	49	96 858	13 648,945	184 833,324	13,542	13,073
31	50	96 634	12 756,381	171 184,380	13,420	12,950
32	51	96 396	11 920,280	158 427,999	13,291	12,821
33	52	96 128	11 135,548	146 507,719	13,157	12,688
34	53	95 834	10 399,476	135 372,171	13,017	12,548
35	54	95 514	9 709,406	124 972,695	12,871	12,402
36	55	95 162	9 061,913	115 263,289	12,720	12,250
37	56	94 772	8 454,088	106 201,377	12,562	12,093
38	57	94 340	7 883,461	97 747,288	12,399	11,930
39	58	93 870	7 348,142	89 863,827	12,229	11,760
40	59	93 357	6 845,931	82 515,686	12,053	11,584
41	60	92 803	6 374,968	75 669,755	11,870	11,401
42	61	92 190	5 932,436	69 294,787	11,681	11,212
43	62	91 534	5 517,758	63 362,350	11,483	11,014
44	63	90 832	5 129,242	57 844,593	11,277	10,808
45	64	90 057	4 763,902	52 715,351	11,066	10,596
46	65	89 209	4 420,648	47 951,449	10,847	10,378
47	66	88 305	4 099,163	43 530,801	10,619	10,150
48	67	87 324	3 797,306	39 431,638	10,384	9,915
49	68	86 266	3 514,109	35 634,332	10,140	9,671
50	69	85 110	3 247,774	32 120,223	9,890	9,421
51	70	83 847	2 997,261	28 872,449	9,633	9,164
52	71	82 484	2 762,101	25 875,188	9,368	8,899
53	72	81 017	2 541,429	23 113,087	9,095	8,625
54	73	79 442	2 334,445	20 571,658	8,812	8,343
55	74	77 722	2 139,499	18 237,213	8,524	8,055
56	75	75 884	1 956,815	16 097,714	8,226	7,757
57	76	73 935	1 785,986	14 140,899	7,918	7,449
58	77	71 810	1 624,971	12 354,914	7,603	7,134
59	78	69 529	1 473,877	10 729,943	7,280	6,811
60	79	67 016	1 330,783	9 256,066	6,955	6,486
61	80	64 273	1 195,602	7 925,282	6,629	6,160
62	81	61 259	1 067,487	6 729,680	6,304	5,835
63	82	57 945	945,883	5 662,193	5,986	5,517
64	83	54 369	831,388	4 716,310	5,673	5,204
65	84	50 554	724,179	3 884,922	5,365	4,895
66	85	46 531	624,402	3 160,743	5,062	4,593
67	86	42 275	531,420	2 536,341	4,773	4,304
68	87	37 895	446,240	2 004,921	4,493	4,024
69	88	33 454	369,027	1 558,681	4,224	3,755
70	89	29 008	299,753	1 189,654	3,969	3,500
71	90	24 688	238,979	889,901	3,724	3,255
72	91	20 528	186,150	650,922	3,497	3,028
73	92	16 640	141,347	464,772	3,288	2,819
74	93	13 131	104,490	323,425	3,095	2,626
75	94	10 064	75,021	218,935	2,918	2,449
76	95	7 487	52,283	143,914	2,753	2,283
77	96	5 387	35,236	91,631	2,600	2,131
78	97	3 691	22,620	56,395	2,493	2,024
79	98	2 470	14,178	33,775	2,382	1,913
80	99	1 611	8,662	19,597	2,262	1,793
81	100	1 008	5,077	10,935	2,154	1,685

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 490	99 489,956	1 524 641,038	15,325	14,855
1	21	99 117	92 849,853	1 425 151,082	15,349	14,880
2	22	99 073	86 940,405	1 332 301,228	15,324	14,855
3	23	99 042	81 417,030	1 245 360,824	15,296	14,827
4	24	99 013	76 246,848	1 163 943,793	15,265	14,796
5	25	98 985	71 405,159	1 087 696,945	15,233	14,764
6	26	98 956	66 870,636	1 016 291,787	15,198	14,729
7	27	98 929	62 624,799	949 421,151	15,160	14,691
8	28	98 899	58 647,241	886 796,351	15,121	14,652
9	29	98 867	54 921,225	828 149,110	15,079	14,610
10	30	98 833	51 431,026	773 227,885	15,034	14,565
11	31	98 794	48 159,851	721 796,860	14,988	14,518
12	32	98 756	45 096,958	673 637,008	14,938	14,468
13	33	98 715	42 228,013	628 540,050	14,884	14,415
14	34	98 670	39 539,812	586 312,037	14,828	14,359
15	35	98 617	37 019,575	546 772,226	14,770	14,301
16	36	98 560	34 658,925	509 752,650	14,708	14,239
17	37	98 491	32 444,460	475 093,725	14,643	14,174
18	38	98 417	30 370,164	442 649,265	14,575	14,106
19	39	98 320	28 421,745	412 279,101	14,506	14,037
20	40	98 222	26 597,999	383 857,356	14,432	13,963
21	41	98 112	24 888,321	357 259,358	14,354	13,885
22	42	97 999	23 287,886	332 371,037	14,272	13,803
23	43	97 877	21 788,145	309 083,150	14,186	13,717
24	44	97 748	20 383,555	287 295,006	14,094	13,625
25	45	97 607	19 067,074	266 911,451	13,999	13,529
26	46	97 452	17 833,034	247 844,377	13,898	13,429
27	47	97 289	16 677,423	230 011,343	13,792	13,323
28	48	97 110	15 594,265	213 333,920	13,680	13,211
29	49	96 909	14 577,853	197 739,655	13,564	13,095
30	50	96 689	13 625,086	183 161,802	13,443	12,974
31	51	96 455	12 732,741	169 536,716	13,315	12,846
32	52	96 189	11 894,739	156 803,976	13,183	12,714
33	53	95 904	11 109,569	144 909,237	13,044	12,575
34	54	95 588	10 372,773	133 799,668	12,899	12,430
35	55	95 238	9 681,359	123 426,895	12,749	12,280
36	56	94 853	9 032,503	113 745,536	12,593	12,124
37	57	94 433	8 423,848	104 713,034	12,431	11,961
38	58	93 970	7 852,525	96 289,185	12,262	11,793
39	59	93 461	7 316,182	88 436,660	12,088	11,619
40	60	92 918	6 813,712	81 120,479	11,905	11,436
41	61	92 313	6 341,334	74 306,767	11,718	11,249
42	62	91 666	5 898,705	67 965,433	11,522	11,053
43	63	90 972	5 483,910	62 066,728	11,318	10,849
44	64	90 219	5 094,625	56 582,818	11,106	10,637
45	65	89 384	4 728,303	51 488,193	10,889	10,420
46	66	88 498	4 385,413	46 759,891	10,663	10,193
47	67	87 531	4 063,246	42 374,478	10,429	9,960
48	68	86 496	3 761,299	38 311,232	10,186	9,717
49	69	85 364	3 477,331	34 549,933	9,936	9,467
50	70	84 126	3 210,248	31 072,601	9,679	9,210
51	71	82 790	2 959,499	27 862,354	9,415	8,945
52	72	81 354	2 724,256	24 902,855	9,141	8,672
53	73	79 817	2 503,781	22 178,599	8,858	8,389
54	74	78 138	2 296,122	19 674,818	8,569	8,100
55	75	76 336	2 101,324	17 378,696	8,270	7,801
56	76	74 425	1 919,182	15 277,372	7,960	7,491
57	77	72 340	1 747,469	13 358,190	7,644	7,175
58	78	70 101	1 586,302	11 610,720	7,319	6,850
59	79	67 621	1 433,422	10 024,418	6,993	6,524
60	80	64 911	1 288,978	8 590,996	6,665	6,196
61	81	61 929	1 152,009	7 302,018	6,339	5,869
62	82	58 645	1 021,933	6 150,010	6,018	5,549
63	83	55 083	899,176	5 128,076	5,703	5,234
64	84	51 285	784,239	4 228,900	5,392	4,923
65	85	47 260	676,989	3 444,662	5,088	4,619
66	86	42 989	576,870	2 767,672	4,798	4,329
67	87	38 590	485,090	2 190,802	4,516	4,047
68	88	34 108	401,640	1 705,712	4,247	3,778
69	89	29 633	326,883	1 304,072	3,989	3,520
70	90	25 251	260,930	977,188	3,745	3,276
71	91	21 047	203,735	716,259	3,516	3,047
72	92	17 087	154,945	512,523	3,308	2,839
73	93	13 520	114,844	357,578	3,114	2,644
74	94	10 387	82,654	242,734	2,937	2,468
75	95	7 748	57,754	160,080	2,772	2,303
76	96	5 595	39,067	102,326	2,619	2,150
77	97	3 848	25,171	63,259	2,513	2,044
78	98	2 588	15,856	38,088	2,402	1,933
79	99	1 697	9,739	22,232	2,283	1,814
80	100	1 068	5,743	12,493	2,175	1,706

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 472	99 471,563	1 522 350,193	15,304	14,835
1	22	99 101	92 834,543	1 422 878,631	15,327	14,858
2	23	99 057	86 926,250	1 330 044,088	15,301	14,832
3	24	99 024	81 402,378	1 243 117,838	15,271	14,802
4	25	98 995	76 233,128	1 161 715,460	15,239	14,770
5	26	98 966	71 391,576	1 085 482,331	15,205	14,735
6	27	98 938	66 858,051	1 014 090,756	15,168	14,699
7	28	98 907	62 611,323	947 232,705	15,129	14,660
8	29	98 875	58 633,422	884 621,381	15,087	14,618
9	30	98 841	54 907,013	825 987,959	15,043	14,574
10	31	98 802	51 414,715	771 080,946	14,997	14,528
11	32	98 763	48 144,729	719 666,231	14,948	14,479
12	33	98 722	45 081,507	671 521,502	14,896	14,427
13	34	98 679	42 212,796	626 439,995	14,840	14,371
14	35	98 630	39 523,759	584 227,199	14,782	14,313
15	36	98 576	37 004,318	544 703,440	14,720	14,251
16	37	98 515	34 643,034	507 699,122	14,655	14,186
17	38	98 444	32 429,060	473 056,087	14,587	14,118
18	39	98 357	30 351,843	440 627,028	14,517	14,048
19	40	98 261	28 404,659	410 275,185	14,444	13,975
20	41	98 154	26 579,761	381 870,525	14,367	13,898
21	42	98 039	24 869,897	355 290,765	14,286	13,817
22	43	97 922	23 269,401	330 420,868	14,200	13,731
23	44	97 788	21 768,360	307 151,467	14,110	13,641
24	45	97 653	20 363,771	285 383,107	14,014	13,545
25	46	97 495	19 045,104	265 019,336	13,915	13,446
26	47	97 333	17 811,322	245 974,232	13,810	13,341
27	48	97 155	16 654,570	228 162,910	13,700	13,231
28	49	96 956	15 569,407	211 508,340	13,585	13,116
29	50	96 739	14 552,370	195 938,933	13,464	12,995
30	51	96 510	13 599,836	181 386,563	13,337	12,868
31	52	96 249	12 705,458	167 786,727	13,206	12,737
32	53	95 965	11 866,989	155 081,269	13,068	12,599
33	54	95 658	11 081,043	143 214,280	12,924	12,455
34	55	95 312	10 342,809	132 133,237	12,775	12,306
35	56	94 929	9 649,938	121 790,428	12,621	12,152
36	57	94 514	9 000,194	112 140,490	12,460	11,991
37	58	94 062	8 390,792	103 140,296	12,292	11,823
38	59	93 561	7 818,371	94 749,504	12,119	11,650
39	60	93 021	7 281,749	86 931,133	11,938	11,469
40	61	92 428	6 777,763	79 649,384	11,752	11,282
41	62	91 788	6 305,278	72 871,621	11,557	11,088
42	63	91 104	5 862,520	66 566,343	11,355	10,885
43	64	90 358	5 446,899	60 703,823	11,145	10,676
44	65	89 545	5 056,555	55 256,924	10,928	10,459
45	66	88 672	4 690,616	50 200,369	10,702	10,233
46	67	87 723	4 346,988	45 509,753	10,469	10,000
47	68	86 701	4 024,717	41 162,766	10,227	9,758
48	69	85 591	3 721,935	37 138,049	9,978	9,509
49	70	84 377	3 437,152	33 416,114	9,722	9,253
50	71	83 067	3 169,802	29 978,962	9,458	8,989
51	72	81 656	2 918,949	26 809,159	9,185	8,715
52	73	80 149	2 683,900	23 890,211	8,901	8,432
53	74	78 506	2 462,679	21 206,311	8,611	8,142
54	75	76 743	2 255,152	18 743,632	8,311	7,842
55	76	74 867	2 060,912	16 488,480	8,001	7,531
56	77	72 820	1 877,793	14 427,568	7,683	7,214
57	78	70 619	1 705,886	12 549,775	7,357	6,888
58	79	68 177	1 542,761	10 843,889	7,029	6,560
59	80	65 496	1 388,392	9 301,127	6,699	6,230
60	81	62 544	1 241,980	7 912,736	6,371	5,902
61	82	59 287	1 102,848	6 670,756	6,049	5,580
62	83	55 749	971,471	5 567,908	5,731	5,262
63	84	51 960	848,183	4 596,437	5,419	4,950
64	85	47 943	733,135	3 748,254	5,113	4,644
65	86	43 662	625,454	3 015,119	4,821	4,352
66	87	39 241	526,578	2 389,665	4,538	4,069
67	88	34 733	436,608	1 863,087	4,267	3,798
68	89	30 213	355,772	1 426,479	4,010	3,540
69	90	25 795	284,546	1 070,707	3,763	3,294
70	91	21 527	222,449	786,161	3,534	3,065
71	92	17 519	169,582	563,712	3,324	2,855
72	93	13 883	125,893	394,130	3,131	2,662
73	94	10 694	90,845	268,237	2,953	2,484
74	95	7 996	63,630	177,392	2,788	2,319
75	96	5 789	43,155	113,762	2,636	2,167
76	97	3 996	27,907	70,607	2,530	2,061
77	98	2 697	17,644	42,700	2,420	1,951
78	99	1 777	10,891	25,056	2,301	1,831
79	100	1 125	6,457	14,164	2,194	1,724

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 455	99 455,160	1 519 907,874	15,282	14,813
1	23	99 085	92 819,428	1 420 452,714	15,303	14,834
2	24	99 040	86 910,606	1 327 633,286	15,276	14,807
3	25	99 006	81 387,731	1 240 722,680	15,245	14,775
4	26	98 977	76 218,627	1 159 334,949	15,211	14,742
5	27	98 947	71 378,140	1 083 116,322	15,174	14,705
6	28	98 916	66 843,664	1 011 738,182	15,136	14,667
7	29	98 884	62 596,570	944 894,517	15,095	14,626
8	30	98 850	58 618,249	882 297,948	15,052	14,582
9	31	98 810	54 889,600	823 679,699	15,006	14,537
10	32	98 771	51 398,571	768 790,098	14,957	14,488
11	33	98 729	48 128,233	717 391,527	14,906	14,437
12	34	98 686	45 065,262	669 263,294	14,851	14,382
13	35	98 639	42 195,658	624 198,031	14,793	14,324
14	36	98 589	39 507,470	582 002,373	14,731	14,262
15	37	98 531	36 987,352	542 494,903	14,667	14,198
16	38	98 468	34 626,590	505 507,551	14,599	14,130
17	39	98 384	32 409,497	470 880,961	14,529	14,060
18	40	98 298	30 333,597	438 471,464	14,455	13,986
19	41	98 193	28 385,182	408 137,867	14,379	13,909
20	42	98 082	26 560,085	379 752,685	14,298	13,829
21	43	97 961	24 850,156	353 192,600	14,213	13,744
22	44	97 833	23 248,271	328 342,444	14,123	13,654
23	45	97 693	21 747,232	305 094,173	14,029	13,560
24	46	97 541	20 340,307	283 346,941	13,930	13,461
25	47	97 376	19 021,916	263 006,633	13,827	13,357
26	48	97 200	17 786,915	243 984,717	13,717	13,248
27	49	97 000	16 628,022	226 197,802	13,603	13,134
28	50	96 786	15 542,191	209 569,781	13,484	13,015
29	51	96 560	14 525,402	194 027,590	13,358	12,889
30	52	96 303	13 570,695	179 502,188	13,227	12,758
31	53	96 024	12 675,817	165 931,493	13,090	12,621
32	54	95 719	11 836,518	153 255,676	12,948	12,479
33	55	95 382	11 049,033	141 419,158	12,799	12,330
34	56	95 002	10 309,242	130 370,125	12,646	12,177
35	57	94 590	9 615,421	120 060,882	12,486	12,017
36	58	94 143	8 964,876	110 445,462	12,320	11,851
37	59	93 653	8 354,297	101 480,586	12,147	11,678
38	60	93 121	7 781,575	93 126,289	11,968	11,498
39	61	92 531	7 243,331	85 344,714	11,783	11,313
40	62	91 902	6 739,225	78 101,383	11,589	11,120
41	63	91 225	6 266,598	71 362,157	11,388	10,919
42	64	90 489	5 822,954	65 095,559	11,179	10,710
43	65	89 683	5 406,196	59 272,605	10,964	10,495
44	66	88 831	5 016,252	53 866,408	10,738	10,269
45	67	87 895	4 649,516	48 850,157	10,507	10,037
46	68	86 891	4 305,768	44 200,640	10,265	9,796
47	69	85 794	3 982,596	39 894,872	10,017	9,548
48	70	84 602	3 678,929	35 912,276	9,762	9,292
49	71	83 314	3 393,848	32 233,347	9,498	9,028
50	72	81 928	3 126,371	28 839,499	9,225	8,755
51	73	80 446	2 875,709	25 713,128	8,941	8,472
52	74	78 833	2 639,840	22 837,420	8,651	8,182
53	75	77 106	2 418,737	20 197,579	8,350	7,881
54	76	75 268	2 211,782	17 778,843	8,038	7,569
55	77	73 253	2 016,467	15 567,060	7,720	7,251
56	78	71 087	1 833,108	13 550,594	7,392	6,923
57	79	68 680	1 659,063	11 717,485	7,063	6,594
58	80	66 035	1 494,296	10 058,422	6,731	6,262
59	81	63 108	1 337,769	8 564,126	6,402	5,933
60	82	59 875	1 188,979	7 226,357	6,078	5,609
61	83	56 359	1 048,391	6 037,378	5,759	5,290
62	84	52 588	916,378	4 988,987	5,444	4,975
63	85	48 574	792,912	4 072,609	5,136	4,667
64	86	44 294	677,326	3 279,697	4,842	4,373
65	87	39 856	570,927	2 602,371	4,558	4,089
66	88	35 319	473,949	2 031,445	4,286	3,817
67	89	30 766	386,746	1 557,495	4,027	3,558
68	90	26 299	309,693	1 170,749	3,780	3,311
69	91	21 991	242,582	861,056	3,550	3,080
70	92	17 918	185,159	618,474	3,340	2,871
71	93	14 234	137,785	433,315	3,145	2,676
72	94	10 982	99,584	295,530	2,968	2,499
73	95	8 233	69,935	195,945	2,802	2,333
74	96	5 975	47,546	126,010	2,650	2,181
75	97	4 136	30,828	78,464	2,545	2,076
76	98	2 801	19,563	47,636	2,435	1,966
77	99	1 853	12,120	28,074	2,316	1,847
78	100	1 178	7,221	15,954	2,209	1,740

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 439	99 438,968	1 517 301,837	15,259	14,789
1	24	99 067	92 802,724	1 417 862,869	15,278	14,809
2	25	99 022	86 894,968	1 325 060,145	15,249	14,780
3	26	98 987	81 372,249	1 238 165,177	15,216	14,747
4	27	98 958	76 204,283	1 156 792,928	15,180	14,711
5	28	98 926	71 362,781	1 080 588,646	15,142	14,673
6	29	98 893	66 827,913	1 009 225,865	15,102	14,633
7	30	98 858	62 580,372	942 397,952	15,059	14,590
8	31	98 818	58 599,660	879 817,580	15,014	14,545
9	32	98 779	54 872,365	821 217,921	14,966	14,497
10	33	98 737	51 380,960	766 345,555	14,915	14,446
11	34	98 694	48 110,891	714 964,595	14,861	14,392
12	35	98 646	45 046,966	666 853,704	14,804	14,334
13	36	98 599	42 178,268	621 806,738	14,742	14,273
14	37	98 544	39 489,356	579 628,469	14,678	14,209
15	38	98 484	36 969,795	540 139,114	14,610	14,141
16	39	98 409	34 605,702	503 169,319	14,540	14,071
17	40	98 325	32 390,014	468 563,617	14,466	13,997
18	41	98 231	30 312,797	436 173,603	14,389	13,920
19	42	98 121	28 364,170	405 860,805	14,309	13,840
20	43	98 004	26 539,002	377 496,635	14,224	13,755
21	44	97 872	24 827,591	350 957,633	14,136	13,667
22	45	97 738	23 225,707	326 130,042	14,042	13,573
23	46	97 581	21 722,174	302 904,335	13,944	13,475
24	47	97 422	20 315,543	281 182,161	13,841	13,372
25	48	97 242	18 995,850	260 866,619	13,733	13,264
26	49	97 045	17 758,562	241 870,768	13,620	13,151
27	50	96 831	16 598,955	224 112,206	13,502	13,032
28	51	96 607	15 513,388	207 513,252	13,376	12,907
29	52	96 353	14 494,278	191 999,864	13,247	12,777
30	53	96 078	13 539,035	177 505,586	13,111	12,642
31	54	95 778	12 643,270	163 966,550	12,969	12,500
32	55	95 442	11 802,326	151 323,281	12,821	12,352
33	56	95 072	11 013,174	139 520,955	12,669	12,199
34	57	94 663	10 272,367	128 507,781	12,510	12,041
35	58	94 219	9 577,689	118 235,414	12,345	11,876
36	59	93 734	8 925,884	108 657,726	12,173	11,704
37	60	93 212	8 314,979	99 731,842	11,994	11,525
38	61	92 630	7 740,520	91 416,863	11,810	11,341
39	62	92 005	7 202,146	83 676,343	11,618	11,149
40	63	91 338	6 697,884	76 474,197	11,418	10,949
41	64	90 610	6 224,306	69 776,313	11,210	10,741
42	65	89 813	5 779,441	63 552,007	10,996	10,527
43	66	88 968	5 363,107	57 772,566	10,772	10,303
44	67	88 053	4 972,299	52 409,459	10,540	10,071
45	68	87 061	4 605,429	47 437,161	10,300	9,831
46	69	85 981	4 260,706	42 831,732	10,053	9,584
47	70	84 803	3 936,578	38 571,026	9,798	9,329
48	71	83 536	3 632,579	34 634,448	9,534	9,065
49	72	82 173	3 347,346	31 001,869	9,262	8,792
50	73	80 715	3 080,058	27 654,522	8,979	8,509
51	74	79 126	2 828,501	24 574,465	8,688	8,219
52	75	77 426	2 592,737	21 745,964	8,387	7,918
53	76	75 623	2 372,221	19 153,227	8,074	7,605
54	77	73 644	2 164,083	16 781,006	7,754	7,285
55	78	71 510	1 968,482	14 616,923	7,425	6,956
56	79	69 136	1 782,793	12 648,441	7,095	6,626
57	80	66 523	1 606,944	10 865,647	6,762	6,293
58	81	63 627	1 439,812	9 258,703	6,430	5,961
59	82	60 415	1 280,681	7 818,891	6,105	5,636
60	83	56 919	1 130,269	6 538,210	5,785	5,316
61	84	53 163	988,935	5 407,941	5,468	4,999
62	85	49 161	856,664	4 419,006	5,158	4,689
63	86	44 876	732,552	3 562,343	4,863	4,394
64	87	40 432	618,276	2 829,791	4,577	4,108
65	88	35 873	513,865	2 211,514	4,304	3,835
66	89	31 286	419,823	1 697,649	4,044	3,575
67	90	26 781	336,656	1 277,826	3,796	3,327
68	91	22 421	264,021	941,170	3,565	3,096
69	92	18 304	201,917	677,149	3,354	2,884
70	93	14 559	150,441	475,232	3,159	2,690
71	94	11 259	108,992	324,791	2,980	2,511
72	95	8 454	76,663	215,799	2,815	2,346
73	96	6 152	52,257	139,136	2,663	2,193
74	97	4 268	33,964	86,878	2,558	2,089
75	98	2 899	21,610	52,914	2,449	1,980
76	99	1 924	13,437	31,304	2,330	1,861
77	100	1 228	8,036	17,867	2,223	1,754

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 421	99 421,072	1 514 520,930	15,233	14,764
1	25	99 049	92 786,026	1 415 099,857	15,251	14,782
2	26	99 003	86 878,438	1 322 313,832	15,220	14,751
3	27	98 969	81 356,935	1 235 435,394	15,185	14,716
4	28	98 937	76 187,885	1 154 078,459	15,148	14,679
5	29	98 903	71 345,965	1 077 890,574	15,108	14,639
6	30	98 867	66 810,620	1 006 544,609	15,066	14,597
7	31	98 827	62 560,525	939 733,989	15,021	14,552
8	32	98 787	58 581,259	877 173,463	14,974	14,504
9	33	98 745	54 853,564	818 592,204	14,923	14,454
10	34	98 702	51 362,446	763 738,640	14,870	14,400
11	35	98 654	48 091,358	712 376,194	14,813	14,344
12	36	98 605	45 028,401	664 284,835	14,753	14,283
13	37	98 554	42 158,929	619 256,434	14,689	14,219
14	38	98 497	39 470,611	577 097,505	14,621	14,152
15	39	98 425	36 947,493	537 626,893	14,551	14,082
16	40	98 350	34 584,899	500 679,400	14,477	14,008
17	41	98 258	32 367,804	466 094,501	14,400	13,931
18	42	98 158	30 290,358	433 726,697	14,319	13,850
19	43	98 043	28 341,656	403 436,339	14,235	13,766
20	44	97 915	26 514,903	375 094,683	14,147	13,677
21	45	97 777	24 803,494	348 579,780	14,054	13,585
22	46	97 625	23 198,945	323 776,286	13,957	13,487
23	47	97 462	21 695,727	300 577,341	13,854	13,385
24	48	97 289	20 287,704	278 881,614	13,746	13,277
25	49	97 087	18 965,570	258 593,910	13,635	13,166
26	50	96 875	17 727,519	239 628,340	13,517	13,048
27	51	96 651	16 568,193	221 900,821	13,393	12,924
28	52	96 400	15 480,148	205 332,628	13,264	12,795
29	53	96 128	14 460,463	189 852,480	13,129	12,660
30	54	95 831	13 504,271	175 392,017	12,988	12,519
31	55	95 501	12 606,747	161 887,745	12,841	12,372
32	56	95 132	11 764,022	149 280,998	12,690	12,220
33	57	94 732	10 973,781	137 516,976	12,531	12,062
34	58	94 291	10 232,056	126 543,196	12,367	11,898
35	59	93 809	9 536,031	116 311,139	12,197	11,728
36	60	93 292	8 883,875	106 775,108	12,019	11,550
37	61	92 720	8 271,109	97 891,233	11,835	11,366
38	62	92 103	7 696,508	89 620,123	11,644	11,175
39	63	91 440	7 157,965	81 923,615	11,445	10,976
40	64	90 722	6 652,681	74 765,650	11,238	10,769
41	65	89 932	6 177,794	68 112,969	11,025	10,556
42	66	89 097	5 733,377	61 935,176	10,803	10,333
43	67	88 189	5 316,114	56 201,799	10,572	10,103
44	68	87 218	4 925,150	50 885,685	10,332	9,863
45	69	86 150	4 557,230	45 960,535	10,085	9,616
46	70	84 988	4 211,475	41 403,305	9,831	9,362
47	71	83 734	3 886,982	37 191,830	9,568	9,099
48	72	82 391	3 582,806	33 304,848	9,296	8,827
49	73	80 955	3 297,760	29 722,041	9,013	8,544
50	74	79 390	3 029,495	26 424,281	8,722	8,253
51	75	77 714	2 778,031	23 394,786	8,421	7,952
52	76	75 937	2 542,875	20 616,755	8,108	7,639
53	77	73 992	2 321,062	18 073,880	7,787	7,318
54	78	71 892	2 112,586	15 752,818	7,457	6,988
55	79	69 547	1 914,451	13 640,232	7,125	6,656
56	80	66 964	1 726,788	11 725,781	6,791	6,321
57	81	64 097	1 548,352	9 998,993	6,458	5,989
58	82	60 912	1 378,370	8 450,641	6,131	5,662
59	83	57 432	1 217,442	7 072,271	5,809	5,340
60	84	53 691	1 066,170	5 854,829	5,491	5,022
61	85	49 699	924,493	4 788,659	5,180	4,711
62	86	45 418	791,450	3 864,166	4,882	4,413
63	87	40 964	668,688	3 072,716	4,595	4,126
64	88	36 391	556,482	2 404,027	4,320	3,851
65	89	31 776	455,181	1 847,545	4,059	3,590
66	90	27 234	365,449	1 392,364	3,810	3,341
67	91	22 832	287,007	1 026,916	3,578	3,109
68	92	18 662	219,762	739,909	3,367	2,898
69	93	14 872	164,057	520,147	3,171	2,701
70	94	11 516	119,003	356,089	2,992	2,523
71	95	8 668	83,906	237,087	2,826	2,357
72	96	6 317	57,285	153,181	2,674	2,205
73	97	4 395	37,330	95,896	2,569	2,100
74	98	2 992	23,808	58,566	2,460	1,991
75	99	1 991	14,843	34,758	2,342	1,873
76	100	1 276	8,909	19,915	2,235	1,766

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 403	99 403,183	1 511 555,322	15,206	14,737
1	26	99 030	92 768,375	1 412 152,139	15,222	14,753
2	27	98 984	86 862,088	1 319 383,763	15,189	14,720
3	28	98 947	81 339,428	1 232 521,675	15,153	14,684
4	29	98 913	76 169,932	1 151 182,247	15,113	14,644
5	30	98 877	71 327,502	1 075 012,315	15,071	14,602
6	31	98 836	66 789,433	1 003 684,813	15,028	14,558
7	32	98 796	62 540,882	936 895,380	14,981	14,511
8	33	98 754	58 561,188	874 354,499	14,931	14,461
9	34	98 710	54 833,799	815 793,311	14,878	14,408
10	35	98 662	51 341,593	760 959,512	14,822	14,352
11	36	98 613	48 071,539	709 617,919	14,762	14,293
12	37	98 560	45 007,756	661 546,380	14,698	14,229
13	38	98 507	42 138,918	616 538,625	14,631	14,162
14	39	98 438	39 446,801	574 399,707	14,561	14,092
15	40	98 365	36 925,283	534 952,906	14,487	14,018
16	41	98 282	34 561,184	498 027,623	14,410	13,941
17	42	98 185	32 343,844	463 466,439	14,329	13,860
18	43	98 080	30 266,315	431 122,596	14,244	13,775
19	44	97 954	28 315,920	400 856,281	14,157	13,687
20	45	97 820	26 489,169	372 540,361	14,064	13,595
21	46	97 665	24 774,914	346 051,193	13,968	13,499
22	47	97 506	23 170,700	321 276,279	13,866	13,396
23	48	97 328	21 665,997	298 105,578	13,759	13,290
24	49	97 134	20 255,365	276 439,581	13,648	13,179
25	50	96 918	18 932,417	256 184,217	13,532	13,062
26	51	96 696	17 694,666	237 251,800	13,408	12,939
27	52	96 444	16 532,693	219 557,134	13,280	12,811
28	53	96 175	15 444,033	203 024,441	13,146	12,677
29	54	95 881	14 423,334	187 580,408	13,005	12,536
30	55	95 555	13 465,262	173 157,074	12,860	12,390
31	56	95 191	12 565,832	159 691,813	12,708	12,239
32	57	94 792	11 721,943	147 125,980	12,551	12,082
33	58	94 360	10 930,718	135 404,038	12,387	11,918
34	59	93 881	10 187,553	124 473,320	12,218	11,749
35	60	93 367	9 491,151	114 285,767	12,041	11,572
36	61	92 800	8 837,004	104 794,615	11,859	11,389
37	62	92 193	8 224,081	95 957,611	11,668	11,199
38	63	91 538	7 649,295	87 733,530	11,469	11,000
39	64	90 823	7 109,657	80 084,236	11,264	10,795
40	65	90 044	6 602,967	72 974,579	11,052	10,583
41	66	89 216	6 128,554	66 371,612	10,830	10,361
42	67	88 316	5 683,140	60 243,058	10,600	10,131
43	68	87 353	5 265,706	54 559,918	10,361	9,892
44	69	86 305	4 873,605	49 294,212	10,115	9,645
45	70	85 155	4 504,573	44 420,607	9,861	9,392
46	71	83 917	4 158,415	39 916,034	9,599	9,130
47	72	82 587	3 833,724	35 757,618	9,327	8,858
48	73	81 171	3 529,732	31 923,895	9,044	8,575
49	74	79 626	3 243,624	28 394,163	8,754	8,285
50	75	77 973	2 975,439	25 150,539	8,453	7,984
51	76	76 219	2 724,606	22 175,100	8,139	7,670
52	77	74 300	2 488,036	19 450,494	7,818	7,348
53	78	72 231	2 265,829	16 962,458	7,486	7,017
54	79	69 919	2 054,599	14 696,630	7,153	6,684
55	80	67 362	1 854,310	12 642,030	6,818	6,349
56	81	64 522	1 663,826	10 787,721	6,484	6,015
57	82	61 362	1 482,278	9 123,894	6,155	5,686
58	83	57 904	1 310,307	7 641,616	5,832	5,363
59	84	54 175	1 148,400	6 331,308	5,513	5,044
60	85	50 192	996,695	5 182,909	5,200	4,731
61	86	45 915	854,116	4 186,214	4,901	4,432
62	87	41 459	722,452	3 332,098	4,612	4,143
63	88	36 870	601,856	2 609,646	4,336	3,867
64	89	32 235	492,931	2 007,790	4,073	3,604
65	90	27 660	396,227	1 514,859	3,823	3,354
66	91	23 217	311,554	1 118,633	3,590	3,121
67	92	19 004	238,895	807,079	3,378	2,909
68	93	15 163	178,556	568,184	3,182	2,713
69	94	11 764	129,774	389,628	3,002	2,533
70	95	8 866	91,612	259,855	2,836	2,367
71	96	6 477	62,696	168,242	2,683	2,214
72	97	4 513	40,921	105,546	2,579	2,110
73	98	3 080	26,168	64,625	2,470	2,001
74	99	2 055	16,353	38,457	2,352	1,882
75	100	1 320	9,842	22,104	2,246	1,777

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1	0	99 644	93 343,113	1 449 882,923	15,533	15,064
2	1	99 317	87 153,969	1 356 539,809	15,565	15,096
3	2	99 277	81 610,077	1 269 385,841	15,554	15,085
4	3	99 254	76 431,897	1 187 775,763	15,540	15,071
5	4	99 233	71 583,956	1 111 343,867	15,525	15,056
6	5	99 213	67 044,417	1 039 759,911	15,509	15,039
7	6	99 195	62 793,771	972 715,494	15,491	15,022
8	7	99 178	58 812,935	909 921,723	15,471	15,002
9	8	99 165	55 086,814	851 108,788	15,450	14,981
10	9	99 150	51 595,848	796 021,974	15,428	14,959
11	10	99 136	48 326,561	744 426,126	15,404	14,935
12	11	99 123	45 264,631	696 099,565	15,378	14,909
13	12	99 108	42 396,267	650 834,934	15,351	14,882
14	13	99 091	39 708,546	608 438,667	15,323	14,853
15	14	99 068	37 189,151	568 730,120	15,293	14,824
16	15	99 043	34 828,831	531 540,969	15,262	14,792
17	16	99 007	32 614,497	496 712,138	15,230	14,761
18	17	98 965	30 539,330	464 097,641	15,197	14,728
19	18	98 914	28 593,416	433 558,311	15,163	14,694
20	19	98 855	26 769,475	404 964,895	15,128	14,659
21	20	98 795	25 061,581	378 195,420	15,091	14,622
22	21	98 736	23 463,038	353 133,839	15,051	14,582
23	22	98 675	21 965,833	329 670,801	15,008	14,539
24	23	98 619	20 565,117	307 704,968	14,962	14,493
25	24	98 554	19 252,133	287 139,852	14,915	14,446
26	25	98 493	18 023,643	267 887,719	14,863	14,394
27	26	98 430	16 873,017	249 864,075	14,808	14,339
28	27	98 366	15 795,832	232 991,058	14,750	14,281
29	28	98 297	14 786,676	217 195,225	14,689	14,219
30	29	98 222	13 841,199	202 408,550	14,624	14,155
31	30	98 142	12 955,362	188 567,351	14,555	14,086
32	31	98 050	12 124,850	175 611,989	14,484	14,015
33	32	97 957	11 347,408	163 487,140	14,407	13,938
34	33	97 852	10 618,473	152 139,732	14,328	13,859
35	34	97 742	9 935,811	141 521,259	14,244	13,774
36	35	97 623	9 296,309	131 585,448	14,155	13,685
37	36	97 499	8 697,415	122 289,140	14,060	13,591
38	37	97 359	8 135,746	113 591,724	13,962	13,493
39	38	97 209	7 609,557	105 455,978	13,858	13,389
40	39	97 042	7 116,155	97 846,421	13,750	13,281
41	40	96 864	6 653,934	90 730,266	13,636	13,166
42	41	96 668	6 220,611	84 076,332	13,516	13,047
43	42	96 458	5 814,567	77 855,721	13,390	12,921
44	43	96 233	5 434,198	72 041,154	13,257	12,788
45	44	95 972	5 076,816	66 606,957	13,120	12,651
46	45	95 691	4 741,878	61 530,141	12,976	12,507
47	46	95 373	4 427,253	56 788,263	12,827	12,358
48	47	95 031	4 132,452	52 361,010	12,671	12,202
49	48	94 649	3 855,579	48 228,559	12,509	12,040
50	49	94 217	3 595,311	44 372,980	12,342	11,873
51	50	93 740	3 350,909	40 777,669	12,169	11,700
52	51	93 220	3 121,609	37 426,760	11,990	11,520
53	52	92 635	2 905,876	34 305,151	11,805	11,336
54	53	91 985	2 703,024	31 399,275	11,616	11,147
55	54	91 261	2 512,178	28 696,251	11,423	10,954
56	55	90 459	2 332,657	26 184,073	11,225	10,756
57	56	89 572	2 163,719	23 851,416	11,023	10,554
58	57	88 597	2 004,844	21 687,697	10,818	10,349
59	58	87 529	1 855,446	19 682,853	10,608	10,139
60	59	86 370	1 715,097	17 827,407	10,394	9,925
61	60	85 118	1 583,365	16 112,311	10,176	9,707
62	61	83 753	1 459,455	14 528,945	9,955	9,486
63	62	82 282	1 343,164	13 069,491	9,730	9,261
64	63	80 716	1 234,285	11 726,327	9,500	9,031
65	64	79 029	1 132,068	10 492,041	9,268	8,799
66	65	77 229	1 036,329	9 359,973	9,032	8,563
67	66	75 341	947,070	8 323,645	8,789	8,320
68	67	73 337	863,585	7 376,575	8,542	8,073
69	68	71 248	785,939	6 512,990	8,287	7,818
70	69	69 015	713,165	5 727,051	8,030	7,561
71	70	66 696	645,624	5 013,886	7,766	7,297
72	71	64 233	582,466	4 368,262	7,500	7,030
73	72	61 694	524,068	3 785,797	7,224	6,755
74	73	59 033	469,755	3 261,728	6,943	6,474
75	74	56 259	419,373	2 791,974	6,658	6,188
76	75	53 397	372,872	2 372,601	6,363	5,894
77	76	50 424	329,843	1 999,729	6,063	5,594
78	77	47 328	290,020	1 669,886	5,758	5,289
79	78	44 101	253,157	1 379,866	5,451	4,982
80	79	40 726	219,000	1 126,710	5,145	4,676
81	80	37 221	187,496	907,710	4,841	4,372
82	81	33 550	158,315	720,214	4,549	4,080
83	82	29 784	131,660	561,899	4,268	3,799
84	83	26 007	107,694	430,238	3,995	3,526
85	84	22 275	86,409	322,544	3,733	3,264
86	85	18 644	67,749	236,136	3,485	3,016
87	86	15 197	51,732	168,387	3,255	2,786
88	87	12 040	38,392	116,655	3,038	2,569
89	88	9 225	27,557	78,262	2,840	2,371
90	89	6 822	19,091	50,706	2,656	2,187
91	90	4 860	12,741	31,615	2,481	2,012
92	91	3 319	8,149	18,874	2,316	1,847
93	92	2 140	4,922	10,725	2,179	1,710
94	93	1 315	2,834	5,802	2,047	1,578
95	94	760	1,533	2,968	1,936	1,467
96	95	415	0,785	1,435	1,828	1,359
97	96	210	0,372	0,650	1,745	1,276
98	97	100	0,165	0,277	1,678	1,209
99	98	45	0,069	0,112	1,616	1,146
100	99	19	0,028	0,043	1,553	1,083

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 616	87 416,686	1 357 282,541	15,527	15,057
3	1	99 301	81 630,317	1 269 865,856	15,556	15,087
4	2	99 266	76 441,393	1 188 235,539	15,544	15,075
5	3	99 243	71 591,339	1 111 794,146	15,530	15,061
6	4	99 223	67 050,833	1 040 202,808	15,514	15,045
7	5	99 204	62 799,365	973 151,974	15,496	15,027
8	6	99 187	58 818,138	910 352,609	15,477	15,008
9	7	99 170	55 089,373	851 534,471	15,457	14,988
10	8	99 157	51 599,444	796 445,098	15,435	14,966
11	9	99 142	48 329,517	744 845,655	15,412	14,943
12	10	99 129	45 267,279	696 516,137	15,387	14,918
13	11	99 116	42 399,546	651 248,858	15,360	14,891
14	12	99 099	39 711,665	608 849,312	15,332	14,863
15	13	99 078	37 192,655	569 137,647	15,302	14,833
16	14	99 052	34 832,043	531 944,992	15,272	14,803
17	15	99 019	32 618,466	497 112,949	15,240	14,771
18	16	98 980	30 543,828	464 494,484	15,207	14,738
19	17	98 927	28 597,310	433 950,656	15,175	14,705
20	18	98 874	26 774,750	405 353,346	15,139	14,670
21	19	98 812	25 065,962	378 578,596	15,103	14,634
22	20	98 755	23 467,377	353 512,634	15,064	14,595
23	21	98 692	21 969,455	330 045,258	15,023	14,554
24	22	98 635	20 568,465	308 075,802	14,978	14,509
25	23	98 572	19 255,598	287 507,337	14,931	14,462
26	24	98 511	18 026,887	268 251,738	14,881	14,412
27	25	98 448	16 876,228	250 224,851	14,827	14,358
28	26	98 384	15 798,806	233 348,624	14,770	14,301
29	27	98 318	14 789,858	217 549,818	14,709	14,240
30	28	98 245	13 844,461	202 759,960	14,646	14,176
31	29	98 167	12 958,715	188 915,499	14,578	14,109
32	30	98 081	12 128,696	175 956,784	14,507	14,038
33	31	97 988	11 350,972	163 828,088	14,433	13,964
34	32	97 886	10 622,112	152 477,116	14,355	13,886
35	33	97 777	9 939,393	141 855,003	14,272	13,803
36	34	97 663	9 300,084	131 915,611	14,184	13,715
37	35	97 540	8 701,001	122 615,527	14,092	13,623
38	36	97 404	8 139,478	113 914,525	13,995	13,526
39	37	97 255	7 613,171	105 775,047	13,894	13,425
40	38	97 101	7 120,450	98 161,876	13,786	13,317
41	39	96 922	6 657,936	91 041,426	13,674	13,205
42	40	96 735	6 224,879	84 383,490	13,556	13,087
43	41	96 529	5 818,875	78 158,611	13,432	12,963
44	42	96 309	5 438,514	72 339,736	13,301	12,832
45	43	96 060	5 081,430	66 901,222	13,166	12,697
46	44	95 784	4 746,484	61 819,791	13,024	12,555
47	45	95 483	4 432,360	57 073,307	12,877	12,407
48	46	95 147	4 137,489	52 640,947	12,723	12,254
49	47	94 779	3 860,869	48 503,458	12,563	12,094
50	48	94 368	3 601,052	44 642,589	12,397	11,928
51	49	93 904	3 356,777	41 041,537	12,226	11,757
52	50	93 393	3 127,405	37 684,760	12,050	11,581
53	51	92 834	2 912,115	34 557,355	11,867	11,398
54	52	92 200	2 709,345	31 645,240	11,680	11,211
55	53	91 496	2 518,645	28 935,895	11,489	11,020
56	54	90 721	2 339,414	26 417,250	11,292	10,823
57	55	89 863	2 170,764	24 077,835	11,092	10,623
58	56	88 915	2 012,041	21 907,071	10,888	10,419
59	57	87 874	1 862,756	19 895,030	10,680	10,211
60	58	86 747	1 722,589	18 032,275	10,468	9,999
61	59	85 521	1 590,852	16 309,686	10,252	9,783
62	60	84 197	1 467,195	14 718,833	10,032	9,563
63	61	82 753	1 350,845	13 251,638	9,810	9,341
64	62	81 214	1 241,904	11 900,793	9,583	9,114
65	63	79 566	1 139,760	10 658,890	9,352	8,883
66	64	77 810	1 044,131	9 519,129	9,117	8,648
67	65	75 946	954,679	8 474,998	8,877	8,408
68	66	73 985	871,219	7 520,319	8,632	8,163
69	67	71 930	793,463	6 649,101	8,380	7,911
70	68	69 745	720,708	5 855,638	8,125	7,656
71	69	67 476	653,171	5 134,930	7,862	7,392
72	70	65 053	589,898	4 481,759	7,598	7,128
73	71	62 551	531,349	3 891,862	7,324	6,855
74	72	59 921	476,818	3 360,513	7,048	6,579
75	73	57 198	426,372	2 883,695	6,763	6,294
76	74	54 367	379,646	2 457,323	6,473	6,004
77	75	51 412	336,311	2 077,677	6,178	5,709
78	76	48 372	296,412	1 741,366	5,875	5,406
79	77	45 176	259,328	1 444,954	5,572	5,103
80	78	41 876	225,181	1 185,626	5,265	4,796
81	79	38 428	193,577	960,445	4,962	4,492
82	80	34 819	164,306	766,868	4,667	4,198
83	81	31 112	137,529	602,562	4,381	3,912
84	82	27 358	113,288	465,033	4,105	3,636
85	83	23 615	91,603	351,745	3,840	3,371
86	84	19 944	72,471	260,142	3,590	3,120
87	85	16 450	55,995	187,670	3,352	2,882
88	86	13 190	42,059	131,676	3,131	2,662
89	87	10 249	30,617	89,616	2,927	2,458
90	88	7 702	21,552	59,000	2,738	2,268
91	89	5 584	14,637	37,448	2,559	2,089
92	90	3 893	9,559	22,811	2,386	1,917
93	91	2 571	5,914	13,252	2,241	1,772
94	92	1 619	3,489	7,338	2,104	1,634
95	93	960	1,938	3,850	1,986	1,517
96	94	539	1,020	1,912	1,875	1,406
97	95	281	0,498	0,892	1,790	1,321
98	96	139	0,231	0,394	1,702	1,232
99	97	64	0,099	0,162	1,640	1,171
100	98	27	0,040	0,063	1,582	1,113

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 601	81 876,383	1 270 551,530	15,518	15,049
4	1	99 291	76 460,350	1 188 675,146	15,546	15,077
5	2	99 255	71 600,233	1 112 214,796	15,534	15,065
6	3	99 233	67 057,749	1 040 614,563	15,518	15,049
7	4	99 214	62 805,375	973 556,814	15,501	15,032
8	5	99 196	58 823,378	910 751,439	15,483	15,014
9	6	99 178	55 094,246	851 928,061	15,463	14,994
10	7	99 162	51 601,841	796 833,815	15,442	14,973
11	8	99 149	48 332,885	745 231,974	15,419	14,950
12	9	99 135	45 270,048	696 899,089	15,394	14,925
13	10	99 122	42 402,026	651 629,040	15,368	14,899
14	11	99 106	39 714,736	609 227,014	15,340	14,871
15	12	99 085	37 195,576	569 512,278	15,311	14,842
16	13	99 062	34 835,325	532 316,702	15,281	14,812
17	14	99 028	32 621,473	497 481,377	15,250	14,781
18	15	98 992	30 547,544	464 859,904	15,218	14,748
19	16	98 942	28 601,521	434 312,359	15,185	14,716
20	17	98 888	26 778,396	405 710,838	15,151	14,682
21	18	98 832	25 070,902	378 932,442	15,114	14,645
22	19	98 772	23 471,479	353 861,540	15,076	14,607
23	20	98 710	21 973,518	330 390,061	15,036	14,567
24	21	98 651	20 571,858	308 416,543	14,992	14,523
25	22	98 588	19 258,734	287 844,686	14,946	14,477
26	23	98 529	18 030,132	268 585,952	14,897	14,427
27	24	98 466	16 879,265	250 555,820	14,844	14,375
28	25	98 403	15 801,811	233 676,555	14,788	14,319
29	26	98 336	14 792,642	217 874,744	14,729	14,259
30	27	98 267	13 847,441	203 082,102	14,666	14,197
31	28	98 190	12 961,769	189 234,661	14,599	14,130
32	29	98 107	12 131,835	176 272,891	14,530	14,061
33	30	98 019	11 354,573	164 141,056	14,456	13,987
34	31	97 916	10 625,449	152 786,483	14,379	13,910
35	32	97 810	9 942,799	142 161,035	14,298	13,829
36	33	97 698	9 303,437	132 218,235	14,212	13,743
37	34	97 579	8 704,535	122 914,799	14,121	13,652
38	35	97 444	8 142,834	114 210,264	14,026	13,557
39	36	97 300	7 616,663	106 067,429	13,926	13,457
40	37	97 147	7 123,832	98 450,766	13,820	13,351
41	38	96 981	6 661,955	91 326,934	13,709	13,240
42	39	96 793	6 228,624	84 664,980	13,593	13,124
43	40	96 595	5 822,867	78 436,356	13,470	13,001
44	41	96 380	5 442,543	72 613,489	13,342	12,873
45	42	96 136	5 085,467	67 170,945	13,208	12,739
46	43	95 871	4 750,798	62 085,479	13,068	12,599
47	44	95 576	4 436,666	57 334,680	12,923	12,454
48	45	95 257	4 142,262	52 898,014	12,770	12,301
49	46	94 894	3 865,575	48 755,752	12,613	12,144
50	47	94 497	3 605,993	44 890,177	12,449	11,980
51	48	94 054	3 362,137	41 284,184	12,279	11,810
52	49	93 556	3 132,881	37 922,047	12,105	11,635
53	50	93 006	2 917,522	34 789,166	11,924	11,455
54	51	92 398	2 715,163	31 871,644	11,738	11,269
55	52	91 710	2 524,535	29 156,481	11,549	11,080
56	53	90 955	2 345,437	26 631,946	11,355	10,886
57	54	90 124	2 177,053	24 286,509	11,156	10,687
58	55	89 204	2 018,592	22 109,457	10,953	10,484
59	56	88 190	1 869,443	20 090,864	10,747	10,278
60	57	87 089	1 729,375	18 221,422	10,536	10,067
61	58	85 894	1 597,802	16 492,047	10,322	9,853
62	59	84 595	1 474,133	14 894,245	10,104	9,635
63	60	83 192	1 358,010	13 420,111	9,882	9,413
64	61	81 679	1 249,005	12 062,102	9,657	9,188
65	62	80 057	1 146,795	10 813,096	9,429	8,960
66	63	78 339	1 051,226	9 666,301	9,195	8,726
67	64	76 518	961,866	8 615,076	8,957	8,487
68	65	74 579	878,218	7 653,209	8,714	8,245
69	66	72 566	800,476	6 774,991	8,464	7,995
70	67	70 412	727,607	5 974,514	8,211	7,742
71	68	68 189	660,079	5 246,907	7,949	7,480
72	69	65 813	596,794	4 586,828	7,686	7,217
73	70	63 349	538,128	3 990,034	7,415	6,946
74	71	60 753	483,442	3 451,906	7,140	6,671
75	72	58 058	432,783	2 968,464	6,859	6,390
76	73	55 275	385,983	2 535,681	6,569	6,100
77	74	52 346	342,421	2 149,698	6,278	5,809
78	75	49 320	302,224	1 807,278	5,980	5,511
79	76	46 172	265,044	1 505,054	5,679	5,209
80	77	42 896	230,670	1 240,010	5,376	4,907
81	78	39 513	199,040	1 009,340	5,071	4,602
82	79	35 949	169,635	810,300	4,777	4,308
83	80	32 289	142,734	640,665	4,489	4,019
84	81	28 578	118,338	497,931	4,208	3,739
85	82	24 841	96,362	379,593	3,939	3,470
86	83	21 143	76,828	283,231	3,687	3,217
87	84	17 596	59,898	206,403	3,446	2,977
88	85	14 276	45,525	146,505	3,218	2,749
89	86	11 228	33,541	100,980	3,011	2,542
90	87	8 557	23,945	67,440	2,816	2,347
91	88	6 304	16,524	43,494	2,632	2,163
92	89	4 472	10,981	26,971	2,456	1,987
93	90	3 015	6,937	15,989	2,305	1,836
94	91	1 945	4,191	9,053	2,160	1,691
95	92	1 182	2,386	4,862	2,038	1,569
96	93	682	1,289	2,476	1,921	1,452
97	94	365	0,647	1,187	1,834	1,365
98	95	187	0,310	0,540	1,744	1,274
99	96	89	0,139	0,230	1,662	1,193
100	97	39	0,057	0,092	1,605	1,136

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4	0	99 590	76 690,832	1 189 308,020	15,508	15,039
5	1	99 280	71 617,990	1 112 617,187	15,535	15,066
6	2	99 245	67 066,080	1 040 999,197	15,522	15,053
7	3	99 224	62 811,853	973 933,117	15,506	15,036
8	4	99 205	58 829,007	911 121,264	15,488	15,018
9	5	99 187	55 099,155	852 292,257	15,468	14,999
10	6	99 170	51 606,406	797 193,102	15,448	14,978
11	7	99 154	48 335,131	745 586,696	15,425	14,956
12	8	99 142	45 273,203	697 251,566	15,401	14,932
13	9	99 128	42 404,620	651 978,362	15,375	14,906
14	10	99 112	39 717,059	609 573,742	15,348	14,879
15	11	99 093	37 198,452	569 856,683	15,319	14,850
16	12	99 070	34 838,061	532 658,231	15,290	14,820
17	13	99 037	32 624,547	497 820,170	15,259	14,790
18	14	99 001	30 550,361	465 195,623	15,227	14,758
19	15	98 954	28 605,002	434 645,262	15,195	14,726
20	16	98 902	26 782,340	406 040,260	15,161	14,692
21	17	98 845	25 074,316	379 257,920	15,125	14,656
22	18	98 791	23 476,104	354 183,605	15,087	14,618
23	19	98 727	21 977,359	330 707,500	15,048	14,579
24	20	98 670	20 575,662	308 730,141	15,005	14,535
25	21	98 604	19 261,910	288 154,479	14,960	14,491
26	22	98 545	18 033,068	268 892,569	14,911	14,442
27	23	98 484	16 882,303	250 859,502	14,859	14,390
28	24	98 421	15 804,655	233 977,198	14,804	14,335
29	25	98 355	14 795,457	218 172,543	14,746	14,277
30	26	98 285	13 850,047	203 377,086	14,684	14,215
31	27	98 211	12 964,559	189 527,039	14,619	14,150
32	28	98 130	12 134,695	176 562,480	14,550	14,081
33	29	98 045	11 357,512	164 427,785	14,477	14,008
34	30	97 947	10 628,819	153 070,274	14,401	13,932
35	31	97 841	9 945,922	142 441,454	14,322	13,852
36	32	97 732	9 306,625	132 495,532	14,237	13,768
37	33	97 614	8 707,673	123 188,906	14,147	13,678
38	34	97 484	8 146,142	114 481,234	14,053	13,584
39	35	97 340	7 619,804	106 335,092	13,955	13,486
40	36	97 191	7 127,099	98 715,288	13,851	13,382
41	37	97 027	6 665,119	91 588,189	13,741	13,272
42	38	96 851	6 232,383	84 923,071	13,626	13,157
43	39	96 653	5 826,370	78 690,687	13,506	13,037
44	40	96 447	5 446,278	72 864,318	13,379	12,910
45	41	96 207	5 089,234	67 418,040	13,247	12,778
46	42	95 948	4 754,572	62 328,805	13,109	12,640
47	43	95 663	4 440,699	57 574,233	12,965	12,496
48	44	95 349	4 146,286	53 133,535	12,815	12,346
49	45	95 004	3 870,035	48 987,248	12,658	12,189
50	46	94 612	3 610,389	45 117,214	12,496	12,027
51	47	94 183	3 366,750	41 506,825	12,328	11,859
52	48	93 706	3 137,883	38 140,075	12,155	11,686
53	49	93 169	2 922,631	35 002,192	11,976	11,507
54	50	92 569	2 720,204	32 079,561	11,793	11,324
55	51	91 907	2 529,956	29 359,357	11,605	11,136
56	52	91 167	2 350,921	26 829,401	11,412	10,943
57	53	90 356	2 182,657	24 478,480	11,215	10,746
58	54	89 463	2 024,440	22 295,822	11,013	10,544
59	55	88 477	1 875,529	20 271,382	10,808	10,339
60	56	87 401	1 735,583	18 395,853	10,599	10,130
61	57	86 233	1 604,097	16 660,270	10,386	9,917
62	58	84 965	1 480,573	15 056,173	10,169	9,700
63	59	83 585	1 364,431	13 575,600	9,950	9,481
64	60	82 112	1 255,630	12 211,169	9,725	9,256
65	61	80 515	1 153,353	10 955,539	9,499	9,030
66	62	78 822	1 057,714	9 802,186	9,267	8,798
67	63	77 038	968,402	8 744,472	9,030	8,561
68	64	75 141	884,830	7 776,070	8,788	8,319
69	65	73 149	806,908	6 891,239	8,540	8,071
70	66	71 035	734,039	6 084,331	8,289	7,820
71	67	68 842	666,398	5 350,292	8,029	7,560
72	68	66 509	603,105	4 683,894	7,766	7,297
73	69	64 090	544,419	4 080,789	7,496	7,027
74	70	61 528	489,610	3 536,370	7,223	6,754
75	71	58 864	438,795	3 046,760	6,943	6,474
76	72	56 106	391,787	2 607,964	6,657	6,187
77	73	53 220	348,136	2 216,178	6,366	5,897
78	74	50 216	307,715	1 868,042	6,071	5,602
79	75	47 078	270,241	1 560,327	5,774	5,305
80	76	43 842	235,754	1 290,086	5,472	5,003
81	77	40 476	203,892	1 054,332	5,171	4,702
82	78	36 963	174,422	850,440	4,876	4,407
83	79	33 337	147,363	676,018	4,587	4,118
84	80	29 659	122,816	528,655	4,304	3,835
85	81	25 949	100,657	405,839	4,032	3,563
86	82	22 241	80,819	305,182	3,776	3,307
87	83	18 654	63,499	224,362	3,533	3,064
88	84	15 272	48,698	160,863	3,303	2,834
89	85	12 154	36,304	112,165	3,090	2,620
90	86	9 374	26,232	75,861	2,892	2,423
91	87	7 003	18,358	49,629	2,703	2,234
92	88	5 049	12,397	31,270	2,522	2,053
93	89	3 464	7,969	18,873	2,368	1,899
94	90	2 281	4,916	10,904	2,218	1,749
95	91	1 420	2,866	5,988	2,089	1,620
96	92	839	1,586	3,122	1,968	1,499
97	93	462	0,818	1,536	1,877	1,408
98	94	242	0,402	0,718	1,784	1,315
99	95	119	0,185	0,315	1,701	1,232
100	96	55	0,080	0,130	1,625	1,156

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5	0	99 579	71 833,876	1 113 201,234	15,497	15,028
6	1	99 270	67 082,713	1 041 367,358	15,524	15,055
7	2	99 236	62 819,656	974 284,645	15,509	15,040
8	3	99 215	58 835,075	911 464,989	15,492	15,023
9	4	99 197	55 104,427	852 629,914	15,473	15,004
10	5	99 179	51 611,003	797 525,487	15,453	14,983
11	6	99 163	48 339,407	745 914,483	15,431	14,962
12	7	99 146	45 275,307	697 575,077	15,407	14,938
13	8	99 135	42 407,575	652 299,770	15,382	14,913
14	9	99 118	39 719,489	609 892,195	15,355	14,886
15	10	99 099	37 200,628	570 172,706	15,327	14,858
16	11	99 077	34 840,755	532 972,077	15,297	14,828
17	12	99 045	32 627,109	498 131,323	15,267	14,798
18	13	99 010	30 553,240	465 504,213	15,236	14,767
19	14	98 963	28 607,639	434 950,974	15,204	14,735
20	15	98 914	26 785,598	406 343,334	15,170	14,701
21	16	98 860	25 078,008	379 557,736	15,135	14,666
22	17	98 805	23 479,301	354 479,727	15,098	14,628
23	18	98 747	21 981,690	331 000,426	15,058	14,589
24	19	98 687	20 579,259	309 018,736	15,016	14,547
25	20	98 623	19 265,472	288 439,477	14,972	14,503
26	21	98 561	18 036,042	269 174,005	14,924	14,455
27	22	98 500	16 885,052	251 137,963	14,873	14,404
28	23	98 438	15 807,500	234 252,911	14,819	14,350
29	24	98 373	14 798,119	218 445,411	14,762	14,293
30	25	98 304	13 852,682	203 647,292	14,701	14,232
31	26	98 230	12 967,000	189 794,609	14,637	14,168
32	27	98 151	12 137,306	176 827,610	14,569	14,100
33	28	98 068	11 360,189	164 690,303	14,497	14,028
34	29	97 973	10 631,571	153 330,115	14,422	13,953
35	30	97 872	9 949,077	142 698,544	14,343	13,874
36	31	97 763	9 309,549	132 749,467	14,259	13,790
37	32	97 648	8 710,657	123 439,918	14,171	13,702
38	33	97 519	8 149,078	114 729,261	14,079	13,610
39	34	97 380	7 622,898	106 580,183	13,982	13,512
40	35	97 232	7 130,038	98 957,284	13,879	13,410
41	36	97 071	6 668,176	91 827,247	13,771	13,302
42	37	96 897	6 235,343	85 159,071	13,657	13,188
43	38	96 712	5 829,887	78 923,728	13,538	13,069
44	39	96 505	5 449,554	73 093,841	13,413	12,944
45	40	96 273	5 092,726	67 644,287	13,283	12,813
46	41	96 019	4 758,095	62 551,561	13,146	12,677
47	42	95 739	4 444,226	57 793,466	13,004	12,535
48	43	95 436	4 150,055	53 349,240	12,855	12,386
49	44	95 096	3 873,794	49 199,185	12,701	12,231
50	45	94 722	3 614,553	45 325,391	12,540	12,071
51	46	94 298	3 370,854	41 710,837	12,374	11,905
52	47	93 834	3 142,189	38 339,983	12,202	11,733
53	48	93 318	2 927,297	35 197,794	12,024	11,555
54	49	92 731	2 724,967	32 270,497	11,843	11,373
55	50	92 077	2 534,653	29 545,530	11,657	11,188
56	51	91 363	2 355,970	27 010,877	11,465	10,996
57	52	90 567	2 187,761	24 654,907	11,269	10,800
58	53	89 693	2 029,652	22 467,146	11,069	10,600
59	54	88 733	1 880,963	20 437,494	10,865	10,396
60	55	87 686	1 741,234	18 556,531	10,657	10,188
61	56	86 542	1 609,855	16 815,297	10,445	9,976
62	57	85 299	1 486,406	15 205,442	10,230	9,761
63	58	83 950	1 370,392	13 719,036	10,011	9,542
64	59	82 500	1 261,568	12 348,645	9,788	9,319
65	60	80 942	1 159,470	11 087,077	9,562	9,093
66	61	79 273	1 063,763	9 927,607	9,333	8,863
67	62	77 513	974,379	8 863,844	9,097	8,628
68	63	75 651	890,843	7 889,465	8,856	8,387
69	64	73 700	812,983	6 998,622	8,609	8,139
70	65	71 606	739,937	6 185,639	8,360	7,891
71	66	69 451	672,289	5 445,703	8,100	7,631
72	67	67 146	608,879	4 773,414	7,840	7,371
73	68	64 768	550,177	4 164,535	7,569	7,100
74	69	62 247	495,334	3 614,358	7,297	6,828
75	70	59 616	444,394	3 119,024	7,019	6,549
76	71	56 885	397,229	2 674,630	6,733	6,264
77	72	54 020	353,370	2 277,401	6,445	5,976
78	73	51 054	312,851	1 924,031	6,150	5,681
79	74	47 933	275,150	1 611,180	5,856	5,387
80	75	44 702	240,377	1 336,030	5,558	5,089
81	76	41 368	208,386	1 095,653	5,258	4,789
82	77	37 864	178,674	887,266	4,966	4,497
83	78	34 278	151,522	708,592	4,676	4,207
84	79	30 621	126,799	557,070	4,393	3,924
85	80	26 931	104,466	430,271	4,119	3,650
86	81	23 232	84,422	325,805	3,859	3,390
87	82	19 623	66,797	241,383	3,614	3,145
88	83	16 190	51,626	174,586	3,382	2,913
89	84	13 001	38,835	122,960	3,166	2,697
90	85	10 147	28,394	84,125	2,963	2,494
91	86	7 672	20,112	55,731	2,771	2,302
92	87	5 609	13,774	35,619	2,586	2,117
93	88	3 911	8,996	21,846	2,428	1,959
94	89	2 621	5,648	12,850	2,275	1,806
95	90	1 665	3,362	7,202	2,142	1,673
96	91	1 008	1,906	3,840	2,015	1,546
97	92	568	1,007	1,934	1,921	1,452
98	93	306	0,508	0,927	1,823	1,354
99	94	155	0,241	0,419	1,738	1,269
100	95	73	0,107	0,178	1,662	1,192

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	67 284,927	1 041 906,290	15,485	15,016
7	1	99 261	62 835,236	974 621,363	15,511	15,042
8	2	99 228	58 842,384	911 786,127	15,495	15,026
9	3	99 207	55 110,111	852 943,742	15,477	15,008
10	4	99 189	51 615,942	797 833,632	15,457	14,988
11	5	99 171	48 343,713	746 217,689	15,436	14,967
12	6	99 155	45 279,312	697 873,976	15,413	14,944
13	7	99 139	42 409,546	652 594,664	15,388	14,919
14	8	99 125	39 722,257	610 185,118	15,361	14,892
15	9	99 105	37 202,904	570 462,862	15,334	14,865
16	10	99 083	34 842,793	533 259,957	15,305	14,836
17	11	99 053	32 629,632	498 417,165	15,275	14,806
18	12	99 018	30 555,639	465 787,532	15,244	14,775
19	13	98 972	28 610,335	435 231,893	15,212	14,743
20	14	98 923	26 788,068	406 621,558	15,179	14,710
21	15	98 872	25 081,060	379 833,490	15,144	14,675
22	16	98 819	23 482,759	354 752,430	15,107	14,638
23	17	98 760	21 984,684	331 269,670	15,068	14,599
24	18	98 706	20 583,314	309 284,987	15,026	14,557
25	19	98 640	19 268,840	288 701,673	14,983	14,514
26	20	98 579	18 039,377	269 432,833	14,936	14,467
27	21	98 516	16 887,837	251 393,456	14,886	14,417
28	22	98 454	15 810,074	234 505,619	14,833	14,364
29	23	98 391	14 800,783	218 695,545	14,776	14,307
30	24	98 322	13 855,176	203 894,762	14,716	14,247
31	25	98 249	12 969,467	190 039,587	14,653	14,184
32	26	98 169	12 139,591	177 070,120	14,586	14,117
33	27	98 089	11 362,634	164 930,529	14,515	14,046
34	28	97 996	10 634,076	153 567,895	14,441	13,972
35	29	97 897	9 951,653	142 933,819	14,363	13,894
36	30	97 794	9 312,502	132 982,166	14,280	13,811
37	31	97 679	8 713,393	123 669,664	14,193	13,724
38	32	97 552	8 151,871	114 956,271	14,102	13,633
39	33	97 415	7 625,646	106 804,400	14,006	13,537
40	34	97 271	7 132,934	99 178,754	13,904	13,435
41	35	97 111	6 670,925	92 045,820	13,798	13,329
42	36	96 942	6 238,203	85 374,895	13,686	13,217
43	37	96 758	5 832,655	79 136,692	13,568	13,099
44	38	96 563	5 452,843	73 304,036	13,443	12,974
45	39	96 331	5 095,790	67 851,193	13,315	12,846
46	40	96 085	4 761,359	62 755,404	13,180	12,711
47	41	95 809	4 447,518	57 994,044	13,040	12,571
48	42	95 512	4 153,351	53 546,526	12,892	12,423
49	43	95 183	3 877,315	49 393,174	12,739	12,270
50	44	94 814	3 618,065	45 515,859	12,580	12,111
51	45	94 407	3 374,743	41 897,794	12,415	11,946
52	46	93 949	3 146,019	38 523,051	12,245	11,776
53	47	93 446	2 931,314	35 377,032	12,069	11,600
54	48	92 879	2 729,318	32 445,718	11,888	11,419
55	49	92 238	2 539,092	29 716,400	11,704	11,234
56	50	91 533	2 360,344	27 177,308	11,514	11,045
57	51	90 761	2 192,459	24 816,964	11,319	10,850
58	52	89 903	2 034,398	22 624,506	11,121	10,652
59	53	88 961	1 885,805	20 590,108	10,918	10,449
60	54	87 940	1 746,279	18 704,303	10,711	10,242
61	55	86 824	1 615,097	16 958,024	10,500	10,031
62	56	85 606	1 491,742	15 342,927	10,285	9,816
63	57	84 281	1 375,790	13 851,185	10,068	9,599
64	58	82 861	1 267,079	12 475,395	9,846	9,377
65	59	81 324	1 164,953	11 208,317	9,621	9,152
66	60	79 693	1 069,405	10 043,364	9,392	8,922
67	61	77 957	979,951	8 973,959	9,158	8,688
68	62	76 118	896,341	7 994,008	8,918	8,449
69	63	74 200	818,507	7 097,666	8,671	8,202
70	64	72 145	745,508	6 279,159	8,423	7,954
71	65	70 009	677,690	5 533,652	8,165	7,696
72	66	67 739	614,261	4 855,962	7,905	7,436
73	67	65 388	555,444	4 241,701	7,637	7,167
74	68	62 906	500,573	3 686,257	7,364	6,895
75	69	60 312	449,589	3 185,684	7,086	6,617
76	70	57 611	402,298	2 736,095	6,801	6,332
77	71	54 771	358,279	2 333,797	6,514	6,045
78	72	51 822	317,555	1 975,518	6,221	5,752
79	73	48 733	279,743	1 657,963	5,927	5,458
80	74	45 514	244,744	1 378,221	5,631	5,162
81	75	42 179	212,472	1 133,477	5,335	4,866
82	76	38 699	182,612	921,004	5,043	4,574
83	77	35 113	155,216	738,392	4,757	4,288
84	78	31 485	130,378	583,176	4,473	4,004
85	79	27 804	107,854	452,798	4,198	3,729
86	80	24 111	87,616	344,944	3,937	3,468
87	81	20 498	69,775	257,328	3,688	3,219
88	82	17 031	54,307	187,553	3,454	2,984
89	83	13 782	41,170	133,245	3,236	2,767
90	84	10 854	30,373	92,075	3,032	2,562
91	85	8 305	21,769	61,703	2,834	2,365
92	86	6 145	15,089	39,934	2,646	2,177
93	87	4 345	9,995	24,844	2,486	2,017
94	88	2 959	6,376	14,849	2,329	1,860
95	89	1 913	3,862	8,473	2,194	1,725
96	90	1 182	2,236	4,611	2,063	1,594
97	91	683	1,210	2,376	1,964	1,495
98	92	377	0,626	1,166	1,863	1,394
99	93	196	0,304	0,540	1,774	1,305
100	94	95	0,139	0,236	1,696	1,227

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 560	63 024,647	975 118,639	15,472	15,003
8	1	99 252	58 856,977	912 093,992	15,497	15,028
9	2	99 219	55 116,958	853 237,015	15,480	15,011
10	3	99 199	51 621,266	798 120,057	15,461	14,992
11	4	99 181	48 348,340	746 498,791	15,440	14,971
12	5	99 164	45 283,346	698 150,451	15,417	14,948
13	6	99 148	42 413,297	652 867,106	15,393	14,924
14	7	99 130	39 724,102	610 453,808	15,367	14,898
15	8	99 112	37 205,497	570 729,706	15,340	14,871
16	9	99 089	34 844,924	533 524,209	15,311	14,842
17	10	99 058	32 631,541	498 679,285	15,282	14,813
18	11	99 025	30 558,002	466 047,744	15,251	14,782
19	12	98 980	28 612,582	435 489,741	15,220	14,751
20	13	98 933	26 790,593	406 877,160	15,187	14,718
21	14	98 881	25 083,373	380 086,567	15,153	14,684
22	15	98 832	23 485,617	355 003,194	15,116	14,647
23	16	98 775	21 987,921	331 517,578	15,077	14,608
24	17	98 720	20 586,117	309 529,657	15,036	14,567
25	18	98 659	19 272,637	288 943,540	14,992	14,523
26	19	98 597	18 042,531	269 670,903	14,946	14,477
27	20	98 534	16 890,960	251 628,372	14,897	14,428
28	21	98 471	15 812,682	234 737,412	14,845	14,376
29	22	98 407	14 803,193	218 924,731	14,789	14,320
30	23	98 339	13 857,669	204 121,538	14,730	14,261
31	24	98 266	12 971,801	190 263,868	14,667	14,198
32	25	98 188	12 141,901	177 292,067	14,602	14,133
33	26	98 107	11 364,772	165 150,167	14,532	14,063
34	27	98 017	10 636,365	153 785,394	14,458	13,989
35	28	97 920	9 953,998	143 149,029	14,381	13,912
36	29	97 819	9 314,912	133 195,031	14,299	13,830
37	30	97 709	8 716,157	123 880,119	14,213	13,744
38	31	97 583	8 154,432	115 163,961	14,123	13,654
39	32	97 448	7 628,260	107 009,530	14,028	13,559
40	33	97 306	7 135,505	99 381,270	13,928	13,459
41	34	97 151	6 673,635	92 245,765	13,822	13,353
42	35	96 982	6 240,775	85 572,130	13,712	13,243
43	36	96 802	5 835,331	79 331,355	13,595	13,126
44	37	96 609	5 455,433	73 496,024	13,472	13,003
45	38	96 389	5 098,866	68 040,592	13,344	12,875
46	39	96 142	4 764,223	62 941,726	13,211	12,742
47	40	95 875	4 450,570	58 177,503	13,072	12,603
48	41	95 583	4 156,428	53 726,932	12,926	12,457
49	42	95 258	3 880,395	49 570,504	12,775	12,305
50	43	94 900	3 621,353	45 690,109	12,617	12,148
51	44	94 498	3 378,021	42 068,755	12,454	11,985
52	45	94 057	3 149,648	38 690,734	12,284	11,815
53	46	93 560	2 934,887	35 541,085	12,110	11,641
54	47	93 007	2 733,063	32 606,198	11,930	11,461
55	48	92 386	2 543,146	29 873,135	11,747	11,277
56	49	91 693	2 364,477	27 329,990	11,559	11,089
57	50	90 930	2 196,530	24 965,513	11,366	10,897
58	51	90 096	2 038,766	22 768,983	11,168	10,699
59	52	89 169	1 890,215	20 730,217	10,967	10,498
60	53	88 166	1 750,774	18 840,002	10,761	10,292
61	54	87 075	1 619,776	17 089,228	10,550	10,081
62	55	85 884	1 496,599	15 469,452	10,336	9,867
63	56	84 583	1 380,729	13 972,853	10,120	9,651
64	57	83 187	1 272,070	12 592,124	9,899	9,430
65	58	81 680	1 170,042	11 320,054	9,675	9,206
66	59	80 070	1 074,462	10 150,012	9,447	8,977
67	60	78 370	985,149	9 075,550	9,212	8,743
68	61	76 554	901,467	8 090,401	8,975	8,506
69	62	74 658	823,559	7 188,934	8,729	8,260
70	63	72 635	750,573	6 365,375	8,481	8,012
71	64	70 536	682,792	5 614,802	8,223	7,754
72	65	68 284	619,196	4 932,010	7,965	7,496
73	66	65 966	560,354	4 312,813	7,697	7,227
74	67	63 508	505,365	3 752,460	7,425	6,956
75	68	60 950	454,344	3 247,095	7,147	6,678
76	69	58 285	407,001	2 792,751	6,862	6,393
77	70	55 470	362,851	2 385,751	6,575	6,106
78	71	52 542	321,966	2 022,900	6,283	5,814
79	72	49 466	283,949	1 700,934	5,990	5,521
80	73	46 273	248,829	1 416,985	5,695	5,225
81	74	42 946	216,332	1 168,156	5,400	4,931
82	75	39 458	186,193	951,823	5,112	4,643
83	76	35 887	158,637	765,630	4,826	4,357
84	77	32 253	133,556	606,993	4,545	4,076
85	78	28 589	110,898	473,437	4,269	3,800
86	79	24 893	90,458	362,539	4,008	3,539
87	80	21 273	72,415	272,081	3,757	3,288
88	81	17 790	56,728	199,666	3,520	3,051
89	82	14 498	43,308	142,937	3,300	2,831
90	83	11 507	32,199	99,629	3,094	2,625
91	84	8 883	23,286	67,430	2,896	2,427
92	85	6 651	16,333	44,144	2,703	2,234
93	86	4 760	10,950	27,811	2,540	2,071
94	87	3 287	7,084	16,862	2,380	1,911
95	88	2 160	4,360	9,778	2,243	1,773
96	89	1 358	2,568	5,418	2,110	1,640
97	90	801	1,419	2,850	2,008	1,539
98	91	453	0,752	1,430	1,903	1,433
99	92	241	0,375	0,679	1,811	1,342
100	93	121	0,176	0,304	1,729	1,260

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 552	59 034,396	912 552,826	15,458	14,989
9	1	99 244	55 130,627	853 518,430	15,482	15,013
10	2	99 211	51 627,679	798 387,804	15,464	14,995
11	3	99 191	48 353,326	746 760,124	15,444	14,975
12	4	99 173	45 287,679	698 406,798	15,422	14,952
13	5	99 157	42 417,076	653 119,119	15,398	14,928
14	6	99 139	39 727,616	610 702,043	15,372	14,903
15	7	99 116	37 207,225	570 974,426	15,346	14,877
16	8	99 096	34 847,353	533 767,201	15,317	14,848
17	9	99 065	32 633,537	498 919,848	15,289	14,819
18	10	99 031	30 559,790	466 286,311	15,258	14,789
19	11	98 988	28 614,794	435 726,521	15,227	14,758
20	12	98 940	26 792,696	407 111,727	15,195	14,726
21	13	98 890	25 085,736	380 319,030	15,161	14,692
22	14	98 841	23 487,782	355 233,294	15,124	14,655
23	15	98 787	21 990,597	331 745,512	15,086	14,617
24	16	98 734	20 589,149	309 754,915	15,045	14,575
25	17	98 673	19 275,261	289 165,766	15,002	14,533
26	18	98 616	18 046,086	269 890,505	14,956	14,486
27	19	98 551	16 893,913	251 844,419	14,907	14,438
28	20	98 489	15 815,606	234 950,506	14,856	14,386
29	21	98 423	14 805,634	219 134,901	14,801	14,332
30	22	98 355	13 859,926	204 329,266	14,742	14,273
31	23	98 284	12 974,136	190 469,340	14,681	14,212
32	24	98 206	12 144,086	177 495,205	14,616	14,147
33	25	98 126	11 366,935	165 351,119	14,547	14,078
34	26	98 035	10 638,367	153 984,184	14,474	14,005
35	27	97 942	9 956,141	143 345,817	14,398	13,929
36	28	97 842	9 317,108	133 389,676	14,317	13,848
37	29	97 735	8 718,413	124 072,568	14,231	13,762
38	30	97 614	8 157,018	115 354,155	14,142	13,673
39	31	97 479	7 630,656	107 197,137	14,048	13,579
40	32	97 339	7 137,951	99 566,481	13,949	13,480
41	33	97 186	6 676,040	92 428,530	13,845	13,376
42	34	97 021	6 243,310	85 752,490	13,735	13,266
43	35	96 842	5 837,737	79 509,180	13,620	13,151
44	36	96 653	5 457,935	73 671,443	13,498	13,029
45	37	96 435	5 101,287	68 213,508	13,372	12,903
46	38	96 200	4 767,099	63 112,221	13,239	12,770
47	39	95 933	4 453,247	58 345,122	13,102	12,633
48	40	95 648	4 159,280	53 891,875	12,957	12,488
49	41	95 329	3 883,270	49 732,594	12,807	12,338
50	42	94 975	3 624,230	45 849,324	12,651	12,182
51	43	94 584	3 381,092	42 225,094	12,489	12,019
52	44	94 149	3 152,708	38 844,002	12,321	11,852
53	45	93 668	2 938,273	35 691,294	12,147	11,678
54	46	93 120	2 736,394	32 753,021	11,969	11,500
55	47	92 512	2 546,635	30 016,627	11,787	11,318
56	48	91 839	2 368,252	27 469,991	11,599	11,130
57	49	91 089	2 200,376	25 101,739	11,408	10,939
58	50	90 263	2 042,552	22 901,363	11,212	10,743
59	51	89 361	1 894,274	20 858,812	11,012	10,542
60	52	88 373	1 754,868	18 964,538	10,807	10,338
61	53	87 300	1 623,946	17 209,670	10,597	10,128
62	54	86 133	1 500,934	15 585,724	10,384	9,915
63	55	84 859	1 385,225	14 084,790	10,168	9,699
64	56	83 486	1 276,637	12 699,565	9,948	9,479
65	57	82 001	1 174,651	11 422,928	9,725	9,255
66	58	80 420	1 079,155	10 248,277	9,497	9,027
67	59	78 741	989,807	9 169,121	9,264	8,794
68	60	76 960	906,248	8 179,314	9,025	8,556
69	61	75 085	828,268	7 273,066	8,781	8,312
70	62	73 083	755,206	6 444,798	8,534	8,065
71	63	71 015	687,432	5 689,592	8,277	7,807
72	64	68 798	623,858	5 002,160	8,018	7,549
73	65	66 496	564,856	4 378,301	7,751	7,282
74	66	64 069	509,832	3 813,446	7,480	7,011
75	67	61 534	458,693	3 303,614	7,202	6,733
76	68	58 901	411,305	2 844,920	6,917	6,448
77	69	56 118	367,092	2 433,615	6,629	6,160
78	70	53 212	326,074	2 066,523	6,338	5,868
79	71	50 153	287,894	1 740,449	6,045	5,576
80	72	46 969	252,570	1 452,555	5,751	5,282
81	73	43 663	219,943	1 199,985	5,456	4,987
82	74	40 174	189,576	980,041	5,170	4,701
83	75	36 591	161,747	790,466	4,887	4,418
84	76	32 964	136,500	628,718	4,606	4,137
85	77	29 286	113,602	492,219	4,333	3,864
86	78	25 596	93,011	378,617	4,071	3,602
87	79	21 963	74,764	285,606	3,820	3,351
88	80	18 463	58,875	210,842	3,581	3,112
89	81	15 144	45,239	151,967	3,359	2,890
90	82	12 104	33,871	106,728	3,151	2,682
91	83	9 417	24,686	72,857	2,951	2,482
92	84	7 115	17,471	48,170	2,757	2,288
93	85	5 152	11,852	30,699	2,590	2,121
94	86	3 601	7,760	18,847	2,429	1,960
95	87	2 400	4,844	11,087	2,289	1,820
96	88	1 533	2,899	6,243	2,153	1,684
97	89	920	1,630	3,344	2,051	1,582
98	90	531	0,882	1,713	1,943	1,474
99	91	290	0,450	0,832	1,847	1,378
100	92	149	0,216	0,381	1,763	1,294

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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9	0	99 543	55 296,813	853 941,804	15,443	14,974
10	1	99 236	51 640,483	798 644,992	15,465	14,996
11	2	99 204	48 359,334	747 004,509	15,447	14,978
12	3	99 184	45 292,350	698 645,175	15,425	14,956
13	4	99 166	42 421,135	653 352,825	15,402	14,932
14	5	99 147	39 731,156	610 931,690	15,377	14,908
15	6	99 125	37 210,517	571 200,534	15,351	14,881
16	7	99 101	34 848,972	533 990,017	15,323	14,854
17	8	99 071	32 635,812	499 141,045	15,294	14,825
18	9	99 037	30 561,659	466 505,234	15,264	14,795
19	10	98 993	28 616,468	435 943,574	15,234	14,765
20	11	98 948	26 794,768	407 327,106	15,202	14,733
21	12	98 898	25 087,706	380 532,338	15,168	14,699
22	13	98 850	23 489,995	355 444,632	15,132	14,663
23	14	98 796	21 992,625	331 954,636	15,094	14,625
24	15	98 746	20 591,654	309 962,012	15,053	14,584
25	16	98 687	19 278,100	289 370,357	15,010	14,541
26	17	98 630	18 048,544	270 092,257	14,965	14,496
27	18	98 571	16 897,242	252 043,714	14,916	14,447
28	19	98 506	15 818,370	235 146,472	14,865	14,396
29	20	98 441	14 808,372	219 328,102	14,811	14,342
30	21	98 371	13 862,212	204 519,729	14,754	14,285
31	22	98 300	12 976,248	190 657,518	14,693	14,224
32	23	98 223	12 146,272	177 681,269	14,628	14,159
33	24	98 144	11 368,980	165 534,998	14,560	14,091
34	25	98 054	10 640,391	154 166,017	14,489	14,020
35	26	97 960	9 958,015	143 525,626	14,413	13,944
36	27	97 863	9 319,113	133 567,611	14,333	13,864
37	28	97 758	8 720,468	124 248,498	14,248	13,779
38	29	97 639	8 159,130	115 528,030	14,159	13,690
39	30	97 510	7 633,077	107 368,900	14,066	13,597
40	31	97 370	7 140,193	99 735,823	13,968	13,499
41	32	97 219	6 678,328	92 595,631	13,865	13,396
42	33	97 056	6 245,560	85 917,302	13,757	13,287
43	34	96 881	5 840,108	79 671,742	13,642	13,173
44	35	96 693	5 460,185	73 831,634	13,522	13,053
45	36	96 479	5 103,627	68 371,449	13,397	12,928
46	37	96 246	4 769,363	63 267,822	13,265	12,796
47	38	95 991	4 455,935	58 498,459	13,128	12,659
48	39	95 706	4 161,782	54 042,523	12,985	12,516
49	40	95 394	3 885,935	49 880,741	12,836	12,367
50	41	95 046	3 626,915	45 994,807	12,682	12,212
51	42	94 659	3 383,778	42 367,892	12,521	12,052
52	43	94 234	3 155,574	38 984,114	12,354	11,885
53	44	93 759	2 941,128	35 828,540	12,182	11,713
54	45	93 228	2 739,551	32 887,413	12,005	11,536
55	46	92 625	2 549,740	30 147,862	11,824	11,355
56	47	91 966	2 371,502	27 598,122	11,637	11,168
57	48	91 235	2 203,889	25 226,620	11,446	10,977
58	49	90 421	2 046,128	23 022,731	11,252	10,783
59	50	89 527	1 897,791	20 976,603	11,053	10,584
60	51	88 562	1 758,636	19 078,812	10,849	10,380
61	52	87 504	1 627,743	17 320,176	10,641	10,171
62	53	86 355	1 504,798	15 692,433	10,428	9,959
63	54	85 105	1 389,238	14 187,634	10,213	9,743
64	55	83 757	1 280,794	12 798,396	9,993	9,523
65	56	82 296	1 178,868	11 517,603	9,770	9,301
66	57	80 737	1 083,407	10 338,735	9,543	9,074
67	58	79 085	994,131	9 255,328	9,310	8,841
68	59	77 324	910,533	8 261,197	9,073	8,604
69	60	75 484	832,662	7 350,663	8,828	8,359
70	61	73 501	759,525	6 518,002	8,582	8,113
71	62	71 453	691,675	5 758,477	8,325	7,856
72	63	69 265	628,097	5 066,802	8,067	7,598
73	64	66 996	569,108	4 438,705	7,799	7,330
74	65	64 584	513,928	3 869,597	7,529	7,060
75	66	62 078	462,748	3 355,669	7,252	6,782
76	67	59 465	415,243	2 892,920	6,967	6,498
77	68	56 712	370,975	2 477,678	6,679	6,210
78	69	53 834	329,886	2 106,703	6,386	5,917
79	70	50 793	291,567	1 776,817	6,094	5,625
80	71	47 622	256,079	1 485,250	5,800	5,331
81	72	44 319	223,250	1 229,171	5,506	5,037
82	73	40 845	192,740	1 005,921	5,219	4,750
83	74	37 256	164,686	813,181	4,938	4,469
84	75	33 610	139,176	648,495	4,660	4,190
85	76	29 931	116,106	509,319	4,387	3,918
86	77	26 220	95,278	393,213	4,127	3,658
87	78	22 583	76,874	297,935	3,876	3,406
88	79	19 062	60,784	221,061	3,637	3,168
89	80	15 718	46,951	160,276	3,414	2,945
90	81	12 644	35,381	113,325	3,203	2,734
91	82	9 907	25,969	77,944	3,001	2,532
92	83	7 543	18,522	51,976	2,806	2,337
93	84	5 511	12,678	33,454	2,639	2,170
94	85	3 898	8,400	20,776	2,473	2,004
95	86	2 629	5,307	12,376	2,332	1,863
96	87	1 704	3,221	7,070	2,195	1,726
97	88	1 039	1,840	3,848	2,091	1,622
98	89	611	1,013	2,008	1,982	1,513
99	90	340	0,528	0,995	1,884	1,415
100	91	178	0,260	0,467	1,796	1,327

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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9						
10	0	99 535	51 796,148	799 035,665	15,427	14,957
11	1	99 228	48 371,327	747 239,517	15,448	14,979
12	2	99 196	45 297,977	698 868,190	15,428	14,959
13	3	99 177	42 425,510	653 570,213	15,405	14,936
14	4	99 157	39 734,958	611 144,703	15,381	14,911
15	5	99 134	37 213,832	571 409,745	15,355	14,886
16	6	99 109	34 852,055	534 195,913	15,328	14,858
17	7	99 076	32 637,328	499 343,858	15,300	14,831
18	8	99 044	30 563,789	466 706,530	15,270	14,801
19	9	98 999	28 618,219	436 142,741	15,240	14,771
20	10	98 954	26 796,336	407 524,522	15,208	14,739
21	11	98 905	25 089,646	380 728,186	15,175	14,706
22	12	98 858	23 491,840	355 638,540	15,139	14,670
23	13	98 805	21 994,697	332 146,700	15,101	14,632
24	14	98 755	20 593,553	310 152,003	15,061	14,592
25	15	98 699	19 280,446	289 558,450	15,018	14,549
26	16	98 644	18 051,202	270 278,004	14,973	14,504
27	17	98 584	16 899,543	252 226,803	14,925	14,456
28	18	98 525	15 821,488	235 327,260	14,874	14,405
29	19	98 458	14 810,961	219 505,772	14,820	14,351
30	20	98 390	13 864,775	204 694,811	14,764	14,295
31	21	98 316	12 978,388	190 830,036	14,704	14,235
32	22	98 239	12 148,250	177 851,648	14,640	14,171
33	23	98 161	11 371,027	165 703,398	14,572	14,103
34	24	98 072	10 642,306	154 332,371	14,502	14,033
35	25	97 979	9 959,909	143 690,065	14,427	13,958
36	26	97 881	9 320,867	133 730,156	14,347	13,878
37	27	97 779	8 722,345	124 409,289	14,263	13,794
38	28	97 662	8 161,053	115 686,943	14,175	13,706
39	29	97 535	7 635,052	107 525,891	14,083	13,614
40	30	97 401	7 142,458	99 890,838	13,985	13,516
41	31	97 250	6 680,426	92 748,381	13,884	13,414
42	32	97 089	6 247,701	86 067,954	13,776	13,307
43	33	96 916	5 842,213	79 820,253	13,663	13,194
44	34	96 732	5 462,403	73 978,041	13,543	13,074
45	35	96 519	5 105,731	68 515,637	13,419	12,950
46	36	96 290	4 771,551	63 409,906	13,289	12,820
47	37	96 036	4 458,051	58 638,355	13,153	12,684
48	38	95 763	4 164,294	54 180,304	13,011	12,542
49	39	95 452	3 888,272	50 016,010	12,863	12,394
50	40	95 111	3 629,404	46 127,738	12,709	12,240
51	41	94 730	3 386,284	42 498,334	12,550	12,081
52	42	94 309	3 158,080	39 112,050	12,385	11,916
53	43	93 844	2 943,801	35 953,969	12,213	11,744
54	44	93 318	2 742,213	33 010,169	12,038	11,569
55	45	92 732	2 552,681	30 267,956	11,857	11,388
56	46	92 078	2 374,393	27 715,275	11,673	11,203
57	47	91 360	2 206,913	25 340,882	11,483	11,013
58	48	90 566	2 049,395	23 133,969	11,288	10,819
59	49	89 684	1 901,114	21 084,574	11,091	10,622
60	50	88 727	1 761,902	19 183,460	10,888	10,419
61	51	87 692	1 631,238	17 421,558	10,680	10,211
62	52	86 557	1 508,317	15 790,320	10,469	10,000
63	53	85 324	1 392,814	14 282,003	10,254	9,785
64	54	84 000	1 284,504	12 889,189	10,034	9,565
65	55	82 564	1 182,706	11 604,685	9,812	9,343
66	56	81 027	1 087,296	10 421,978	9,585	9,116
67	57	79 396	998,048	9 334,682	9,353	8,884
68	58	77 661	914,511	8 336,634	9,116	8,647
69	59	75 841	836,599	7 422,123	8,872	8,403
70	60	73 891	763,553	6 585,525	8,625	8,156
71	61	71 862	695,630	5 821,971	8,369	7,900
72	62	69 693	631,974	5 126,341	8,112	7,643
73	63	67 451	572,975	4 494,367	7,844	7,375
74	64	65 070	517,797	3 921,392	7,573	7,104
75	65	62 577	466,466	3 403,594	7,297	6,827
76	66	59 991	418,913	2 937,128	7,011	6,542
77	67	57 254	374,526	2 518,215	6,724	6,255
78	68	54 404	333,375	2 143,689	6,430	5,961
79	69	51 386	294,975	1 810,314	6,137	5,668
80	70	48 229	259,347	1 515,339	5,843	5,374
81	71	44 935	226,352	1 255,992	5,549	5,080
82	72	41 459	195,638	1 029,640	5,263	4,794
83	73	37 877	167,434	834,003	4,981	4,512
84	74	34 221	141,705	666,568	4,704	4,235
85	75	30 518	118,382	524,863	4,434	3,965
86	76	26 798	97,379	406,481	4,174	3,705
87	77	23 134	78,748	309,103	3,925	3,456
88	78	19 600	62,500	230,355	3,686	3,217
89	79	16 227	48,474	167,855	3,463	2,994
90	80	13 122	36,720	119,381	3,251	2,782
91	81	10 348	27,126	82,661	3,047	2,578
92	82	7 934	19,484	55,535	2,850	2,381
93	83	5 843	13,440	36,051	2,682	2,213
94	84	4 170	8,985	22,611	2,516	2,047
95	85	2 846	5,744	13,626	2,372	1,903
96	86	1 866	3,529	7,882	2,234	1,764
97	87	1 154	2,045	4,353	2,129	1,660
98	88	689	1,144	2,308	2,018	1,549
99	89	390	0,607	1,164	1,920	1,450
100	90	209	0,305	0,558	1,830	1,361

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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10						
11	0	99 527	48 517,137	747 600,040	15,409	14,940
12	1	99 220	45 309,211	699 082,903	15,429	14,960
13	2	99 189	42 430,781	653 773,692	15,408	14,939
14	3	99 167	39 739,056	611 342,910	15,384	14,915
15	4	99 143	37 217,393	571 603,854	15,359	14,889
16	5	99 118	34 855,160	534 386,461	15,332	14,863
17	6	99 085	32 640,215	499 531,302	15,304	14,835
18	7	99 049	30 565,209	466 891,086	15,275	14,806
19	8	99 006	28 620,213	436 325,877	15,245	14,776
20	9	98 960	26 797,975	407 705,664	15,214	14,745
21	10	98 911	25 091,114	380 907,689	15,181	14,712
22	11	98 865	23 493,657	355 816,575	15,145	14,676
23	12	98 813	21 996,424	332 322,918	15,108	14,639
24	13	98 765	20 595,493	310 326,494	15,068	14,599
25	14	98 708	19 282,224	289 731,001	15,026	14,557
26	15	98 656	18 053,398	270 448,777	14,980	14,511
27	16	98 599	16 902,031	252 395,379	14,933	14,464
28	17	98 539	15 823,642	235 493,347	14,882	14,413
29	18	98 478	14 813,880	219 669,705	14,829	14,360
30	19	98 407	13 867,199	204 855,826	14,773	14,304
31	20	98 334	12 980,788	190 988,627	14,713	14,244
32	21	98 256	12 150,253	178 007,838	14,651	14,181
33	22	98 177	11 372,878	165 857,585	14,584	14,114
34	23	98 089	10 644,222	154 484,707	14,513	14,044
35	24	97 996	9 961,702	143 840,485	14,439	13,970
36	25	97 900	9 322,641	133 878,783	14,361	13,891
37	26	97 797	8 723,987	124 556,142	14,277	13,808
38	27	97 683	8 162,809	115 832,155	14,190	13,721
39	28	97 558	7 636,852	107 669,346	14,099	13,630
40	29	97 426	7 144,306	100 032,494	14,002	13,533
41	30	97 280	6 682,545	92 888,188	13,900	13,431
42	31	97 120	6 249,664	86 205,642	13,794	13,325
43	32	96 949	5 844,215	79 955,979	13,681	13,212
44	33	96 767	5 464,372	74 111,764	13,563	13,094
45	34	96 558	5 107,805	68 647,392	13,440	12,971
46	35	96 330	4 773,518	63 539,587	13,311	12,842
47	36	96 080	4 460,096	58 766,069	13,176	12,707
48	37	95 809	4 166,272	54 305,972	13,035	12,566
49	38	95 509	3 890,619	50 139,700	12,887	12,418
50	39	95 168	3 631,587	46 249,081	12,735	12,266
51	40	94 795	3 388,608	42 617,494	12,577	12,108
52	41	94 379	3 160,420	39 228,887	12,413	11,943
53	42	93 918	2 946,139	36 068,467	12,243	11,773
54	43	93 403	2 744,705	33 122,327	12,068	11,599
55	44	92 822	2 555,161	30 377,622	11,889	11,420
56	45	92 184	2 377,132	27 822,461	11,704	11,235
57	46	91 471	2 209,603	25 445,330	11,516	11,047
58	47	90 690	2 052,207	23 235,726	11,322	10,853
59	48	89 827	1 904,149	21 183,519	11,125	10,656
60	49	88 882	1 764,987	19 279,370	10,923	10,454
61	50	87 854	1 634,267	17 514,383	10,717	10,248
62	51	86 743	1 511,556	15 880,116	10,506	10,037
63	52	85 523	1 396,071	14 368,560	10,292	9,823
64	53	84 216	1 287,811	12 972,489	10,073	9,604
65	54	82 803	1 186,133	11 684,678	9,851	9,382
66	55	81 291	1 090,836	10 498,545	9,624	9,155
67	56	79 681	1 001,630	9 407,709	9,392	8,923
68	57	77 967	918,114	8 406,078	9,156	8,687
69	58	76 172	840,253	7 487,965	8,912	8,442
70	59	74 240	767,164	6 647,711	8,665	8,196
71	60	72 243	699,320	5 880,547	8,409	7,940
72	61	70 091	635,588	5 181,228	8,152	7,683
73	62	67 868	576,512	4 545,640	7,885	7,416
74	63	65 513	521,316	3 969,128	7,614	7,145
75	64	63 048	469,978	3 447,812	7,336	6,867
76	65	60 473	422,279	2 977,834	7,052	6,583
77	66	57 761	377,837	2 555,555	6,764	6,295
78	67	54 924	336,566	2 177,718	6,470	6,001
79	68	51 930	298,095	1 841,152	6,176	5,707
80	69	48 793	262,378	1 543,057	5,881	5,412
81	70	45 508	229,240	1 280,679	5,587	5,118
82	71	42 035	198,356	1 051,439	5,301	4,832
83	72	38 447	169,952	853,083	5,020	4,550
84	73	34 792	144,070	683,131	4,742	4,273
85	74	31 072	120,533	539,061	4,472	4,003
86	75	27 323	99,288	418,528	4,215	3,746
87	76	23 644	80,484	319,240	3,967	3,497
88	77	20 078	64,023	238,757	3,729	3,260
89	78	16 685	49,842	174,733	3,506	3,037
90	79	13 548	37,911	124,892	3,294	2,825
91	80	10 740	28,153	86,981	3,090	2,620
92	81	8 288	20,352	58,828	2,890	2,421
93	82	6 146	14,138	38,476	2,721	2,252
94	83	4 420	9,526	24,337	2,555	2,086
95	84	3 044	6,144	14,812	2,411	1,942
96	85	2 020	3,820	8,668	2,269	1,800
97	86	1 265	2,240	4,848	2,164	1,695
98	87	766	1,271	2,608	2,052	1,583
99	88	441	0,685	1,337	1,952	1,483
100	89	240	0,350	0,652	1,863	1,393

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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12	0	99 520	45 445,792	699 415,630	15,390	14,921
13	1	99 214	42 441,304	653 969,838	15,409	14,940
14	2	99 179	39 743,993	611 528,534	15,387	14,918
15	3	99 154	37 221,232	571 784,541	15,362	14,893
16	4	99 128	34 858,495	534 563,309	15,335	14,866
17	5	99 094	32 643,123	499 704,814	15,308	14,839
18	6	99 058	30 567,913	467 061,691	15,279	14,810
19	7	99 011	28 621,543	436 493,778	15,251	14,781
20	8	98 967	26 799,843	407 872,235	15,219	14,750
21	9	98 917	25 092,649	381 072,392	15,187	14,717
22	10	98 871	23 495,031	355 979,743	15,151	14,682
23	11	98 820	21 998,125	332 484,712	15,114	14,645
24	12	98 772	20 597,111	310 486,587	15,074	14,605
25	13	98 718	19 284,041	289 889,476	15,033	14,563
26	14	98 665	18 055,063	270 605,436	14,988	14,519
27	15	98 611	16 904,088	252 550,373	14,940	14,471
28	16	98 553	15 825,972	235 646,285	14,890	14,421
29	17	98 491	14 815,897	219 820,312	14,837	14,368
30	18	98 426	13 869,932	205 004,415	14,780	14,311
31	19	98 352	12 983,058	191 134,484	14,722	14,253
32	20	98 274	12 152,500	178 151,426	14,660	14,191
33	21	98 193	11 374,754	165 998,926	14,594	14,124
34	22	98 105	10 645,955	154 624,172	14,524	14,055
35	23	98 014	9 963,495	143 978,217	14,451	13,981
36	24	97 918	9 324,318	134 014,722	14,373	13,903
37	25	97 816	8 725,647	124 690,404	14,290	13,821
38	26	97 701	8 164,346	115 964,757	14,204	13,735
39	27	97 579	7 638,496	107 800,411	14,113	13,644
40	28	97 449	7 145,990	100 161,915	14,017	13,547
41	29	97 306	6 684,275	93 015,925	13,916	13,447
42	30	97 151	6 251,646	86 331,650	13,809	13,340
43	31	96 980	5 846,051	80 080,004	13,698	13,229
44	32	96 800	5 466,245	74 233,953	13,580	13,111
45	33	96 593	5 109,646	68 767,708	13,458	12,989
46	34	96 369	4 775,457	63 658,062	13,330	12,861
47	35	96 120	4 461,935	58 882,605	13,197	12,728
48	36	95 853	4 168,183	54 420,670	13,056	12,587
49	37	95 555	3 892,467	50 252,487	12,910	12,441
50	38	95 225	3 633,779	46 360,020	12,758	12,289
51	39	94 852	3 390,646	42 726,241	12,601	12,132
52	40	94 444	3 162,589	39 335,595	12,438	11,969
53	41	93 988	2 948,322	36 173,007	12,269	11,800
54	42	93 477	2 746,885	33 224,685	12,095	11,626
55	43	92 907	2 557,483	30 477,799	11,917	11,448
56	44	92 273	2 379,441	27 920,316	11,734	11,265
57	45	91 577	2 212,152	25 540,875	11,546	11,077
58	46	90 800	2 054,709	23 328,723	11,354	10,885
59	47	89 950	1 906,762	21 274,014	11,157	10,688
60	48	89 024	1 767,805	19 367,251	10,956	10,486
61	49	88 008	1 637,129	17 599,447	10,750	10,281
62	50	86 904	1 514,362	15 962,318	10,541	10,071
63	51	85 707	1 399,069	14 447,956	10,327	9,858
64	52	84 413	1 290,822	13 048,887	10,109	9,640
65	53	83 016	1 189,186	11 758,064	9,887	9,418
66	54	81 526	1 093,997	10 568,878	9,661	9,192
67	55	79 941	1 004,892	9 474,882	9,429	8,960
68	56	78 247	921,410	8 469,990	9,192	8,723
69	57	76 472	843,564	7 548,580	8,948	8,479
70	58	74 565	770,515	6 705,016	8,702	8,233
71	59	72 585	702,626	5 934,501	8,446	7,977
72	60	70 463	638,959	5 231,875	8,188	7,719
73	61	68 256	579,809	4 592,916	7,921	7,452
74	62	65 917	524,533	4 013,107	7,651	7,182
75	63	63 476	473,171	3 488,574	7,373	6,904
76	64	60 928	425,458	3 015,402	7,087	6,618
77	65	58 225	380,873	2 589,944	6,800	6,331
78	66	55 410	339,541	2 209,072	6,506	6,037
79	67	52 427	300,949	1 869,530	6,212	5,743
80	68	49 309	265,153	1 568,581	5,916	5,447
81	69	46 040	231,920	1 303,428	5,620	5,151
82	70	42 571	200,887	1 071,509	5,334	4,865
83	71	38 981	172,313	870,622	5,053	4,583
84	72	35 315	146,236	698,309	4,775	4,306
85	73	31 591	122,545	552,073	4,505	4,036
86	74	27 820	101,092	429,528	4,249	3,780
87	75	24 107	82,062	328,436	4,002	3,533
88	76	20 520	65,435	246,374	3,765	3,296
89	77	17 092	51,057	180,940	3,544	3,075
90	78	13 930	38,981	129,883	3,332	2,863
91	79	11 088	29,066	90,902	3,127	2,658
92	80	8 602	21,122	61,837	2,928	2,458
93	81	6 420	14,768	40,714	2,757	2,288
94	82	4 650	10,020	25,946	2,589	2,120
95	83	3 227	6,514	15,925	2,445	1,976
96	84	2 161	4,086	9,412	2,303	1,834
97	85	1 369	2,425	5,326	2,196	1,727
98	86	839	1,392	2,901	2,084	1,615
99	87	489	0,761	1,509	1,983	1,514
100	88	271	0,395	0,748	1,892	1,423

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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13	0	99 513	42 569,239	654 276,939	15,370	14,901
14	1	99 204	39 753,850	611 707,699	15,387	14,918
15	2	99 166	37 225,856	571 953,850	15,364	14,895
16	3	99 138	34 862,090	534 727,993	15,338	14,869
17	4	99 103	32 646,247	499 865,903	15,312	14,842
18	5	99 066	30 570,636	467 219,656	15,283	14,814
19	6	99 020	28 624,075	436 649,020	15,255	14,785
20	7	98 971	26 801,088	408 024,945	15,224	14,755
21	8	98 924	25 094,398	381 223,857	15,192	14,722
22	9	98 877	23 496,468	356 129,460	15,157	14,688
23	10	98 826	21 999,412	332 632,991	15,120	14,651
24	11	98 780	20 598,704	310 633,579	15,080	14,611
25	12	98 725	19 285,555	290 034,876	15,039	14,570
26	13	98 674	18 056,764	270 749,321	14,994	14,525
27	14	98 620	16 905,647	252 692,557	14,947	14,478
28	15	98 565	15 827,898	235 786,910	14,897	14,428
29	16	98 506	14 818,079	219 959,011	14,844	14,375
30	17	98 440	13 871,820	205 140,932	14,788	14,319
31	18	98 371	12 985,616	191 269,112	14,729	14,260
32	19	98 291	12 154,625	178 283,496	14,668	14,199
33	20	98 212	11 376,857	166 128,872	14,602	14,133
34	21	98 122	10 647,711	154 752,014	14,534	14,065
35	22	98 030	9 965,117	144 104,303	14,461	13,992
36	23	97 935	9 325,997	134 139,186	14,383	13,914
37	24	97 833	8 727,217	124 813,189	14,302	13,832
38	25	97 720	8 165,899	116 085,972	14,216	13,747
39	26	97 597	7 639,933	107 920,073	14,126	13,657
40	27	97 470	7 147,528	100 280,140	14,030	13,561
41	28	97 328	6 685,850	93 132,611	13,930	13,461
42	29	97 176	6 253,264	86 446,761	13,824	13,355
43	30	97 011	5 847,905	80 193,496	13,713	13,244
44	31	96 831	5 467,962	74 345,591	13,597	13,127
45	32	96 626	5 111,397	68 877,629	13,475	13,006
46	33	96 404	4 777,178	63 766,232	13,348	12,879
47	34	96 159	4 463,747	58 989,053	13,215	12,746
48	35	95 892	4 169,901	54 525,306	13,076	12,607
49	36	95 598	3 894,252	50 355,404	12,931	12,462
50	37	95 271	3 635,505	46 461,152	12,780	12,311
51	38	94 909	3 392,693	42 825,648	12,623	12,154
52	39	94 500	3 164,491	39 432,955	12,461	11,992
53	40	94 053	2 950,345	36 268,464	12,293	11,824
54	41	93 547	2 748,920	33 318,119	12,120	11,651
55	42	92 980	2 559,515	30 569,199	11,943	11,474
56	43	92 357	2 381,604	28 009,684	11,761	11,292
57	44	91 666	2 214,301	25 628,080	11,574	11,105
58	45	90 905	2 057,079	23 413,779	11,382	10,913
59	46	90 060	1 909,087	21 356,699	11,187	10,718
60	47	89 146	1 770,231	19 447,613	10,986	10,517
61	48	88 149	1 639,743	17 677,382	10,781	10,311
62	49	87 056	1 517,014	16 037,640	10,572	10,103
63	50	85 866	1 401,666	14 520,626	10,360	9,890
64	51	84 595	1 293,594	13 118,959	10,141	9,672
65	52	83 210	1 191,967	11 825,365	9,921	9,452
66	53	81 736	1 096,813	10 633,398	9,695	9,226
67	54	80 172	1 007,803	9 536,585	9,463	8,994
68	55	78 502	924,410	8 528,782	9,226	8,757
69	56	76 746	846,592	7 604,372	8,982	8,513
70	57	74 858	773,550	6 757,780	8,736	8,267
71	58	72 902	705,696	5 984,230	8,480	8,011
72	59	70 796	641,980	5 278,534	8,222	7,753
73	60	68 618	582,884	4 636,554	7,955	7,485
74	61	66 294	527,533	4 053,670	7,684	7,215
75	62	63 868	476,092	3 526,137	7,406	6,937
76	63	61 342	428,349	3 050,045	7,120	6,651
77	64	58 663	383,740	2 621,696	6,832	6,363
78	65	55 855	342,270	2 237,956	6,539	6,069
79	66	52 890	303,609	1 895,686	6,244	5,775
80	67	49 781	267,692	1 592,077	5,947	5,478
81	68	46 527	234,372	1 324,385	5,651	5,182
82	69	43 069	203,235	1 090,013	5,363	4,894
83	70	39 478	174,512	886,778	5,081	4,612
84	71	35 805	148,268	712,266	4,804	4,335
85	72	32 066	124,387	563,999	4,534	4,065
86	73	28 284	102,779	439,611	4,277	3,808
87	74	24 545	83,553	336,832	4,031	3,562
88	75	20 923	66,718	253,280	3,796	3,327
89	76	17 469	52,182	186,562	3,575	3,106
90	77	14 270	39,931	134,380	3,365	2,896
91	78	11 401	29,886	94,449	3,160	2,691
92	79	8 881	21,807	64,563	2,961	2,491
93	80	6 663	15,327	42,755	2,790	2,320
94	81	4 857	10,467	27,428	2,620	2,151
95	82	3 395	6,852	16,961	2,475	2,006
96	83	2 291	4,332	10,109	2,334	1,865
97	84	1 464	2,594	5,777	2,228	1,758
98	85	908	1,507	3,184	2,113	1,644
99	86	536	0,834	1,677	2,012	1,543
100	87	302	0,439	0,843	1,921	1,451

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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14	0	99 503	39 873,684	611 991,169	15,348	14,879
15	1	99 191	37 235,088	572 117,485	15,365	14,896
16	2	99 150	34 866,422	534 882,397	15,341	14,872
17	3	99 113	32 649,614	500 015,975	15,315	14,845
18	4	99 076	30 573,562	467 366,361	15,287	14,817
19	5	99 028	28 626,625	436 792,800	15,258	14,789
20	6	98 980	26 803,459	408 166,174	15,228	14,759
21	7	98 929	25 095,564	381 362,716	15,196	14,727
22	8	98 884	23 498,106	356 267,152	15,162	14,692
23	9	98 832	22 000,758	332 769,046	15,125	14,656
24	10	98 786	20 599,908	310 768,289	15,086	14,617
25	11	98 733	19 287,046	290 168,380	15,045	14,576
26	12	98 682	18 058,182	270 881,334	15,000	14,531
27	13	98 629	16 907,240	252 823,151	14,954	14,484
28	14	98 574	15 829,358	235 915,912	14,904	14,435
29	15	98 517	14 819,882	220 086,554	14,851	14,382
30	16	98 454	13 873,863	205 266,672	14,795	14,326
31	17	98 384	12 987,384	191 392,809	14,737	14,268
32	18	98 310	12 157,020	178 405,424	14,675	14,206
33	19	98 229	11 378,846	166 248,405	14,610	14,141
34	20	98 140	10 649,680	154 869,558	14,542	14,073
35	21	98 046	9 966,761	144 219,878	14,470	14,001
36	22	97 951	9 327,515	134 253,118	14,393	13,924
37	23	97 851	8 728,788	124 925,602	14,312	13,843
38	24	97 738	8 167,369	116 196,814	14,227	13,758
39	25	97 616	7 641,387	108 029,445	14,137	13,668
40	26	97 488	7 148,874	100 388,059	14,042	13,573
41	27	97 349	6 687,289	93 239,185	13,943	13,474
42	28	97 199	6 254,738	86 551,895	13,838	13,369
43	29	97 036	5 849,419	80 297,157	13,727	13,258
44	30	96 861	5 469,697	74 447,738	13,611	13,142
45	31	96 656	5 113,003	68 978,042	13,491	13,022
46	32	96 437	4 778,816	63 865,039	13,364	12,895
47	33	96 194	4 465,357	59 086,223	13,232	12,763
48	34	95 931	4 171,595	54 620,867	13,094	12,624
49	35	95 638	3 895,858	50 449,271	12,949	12,480
50	36	95 314	3 637,172	46 553,414	12,799	12,330
51	37	94 954	3 394,304	42 916,241	12,644	12,174
52	38	94 557	3 166,401	39 521,937	12,482	12,013
53	39	94 109	2 952,120	36 355,536	12,315	11,846
54	40	93 611	2 750,806	33 403,417	12,143	11,674
55	41	93 049	2 561,411	30 652,610	11,967	11,498
56	42	92 431	2 383,496	28 091,199	11,786	11,317
57	43	91 749	2 216,314	25 707,704	11,599	11,130
58	44	90 993	2 059,078	23 491,390	11,409	10,940
59	45	90 164	1 911,289	21 432,312	11,214	10,744
60	46	89 255	1 772,389	19 521,023	11,014	10,545
61	47	88 270	1 641,993	17 748,635	10,809	10,340
62	48	87 195	1 519,436	16 106,642	10,600	10,131
63	49	86 016	1 404,121	14 587,206	10,389	9,920
64	50	84 752	1 295,996	13 183,085	10,172	9,703
65	51	83 389	1 194,527	11 887,089	9,951	9,482
66	52	81 927	1 099,378	10 692,562	9,726	9,257
67	53	80 379	1 010,397	9 593,185	9,494	9,025
68	54	78 729	927,088	8 582,787	9,258	8,789
69	55	76 996	849,348	7 655,700	9,014	8,544
70	56	75 127	776,327	6 806,351	8,767	8,298
71	57	73 189	708,476	6 030,024	8,511	8,042
72	58	71 105	644,785	5 321,548	8,253	7,784
73	59	68 942	585,640	4 676,763	7,986	7,517
74	60	66 645	530,331	4 091,123	7,714	7,245
75	61	64 233	478,814	3 560,792	7,437	6,968
76	62	61 720	430,993	3 081,977	7,151	6,682
77	63	59 062	386,348	2 650,984	6,862	6,393
78	64	56 276	344,846	2 264,637	6,567	6,098
79	65	53 315	306,048	1 919,790	6,273	5,804
80	66	50 221	270,058	1 613,742	5,976	5,506
81	67	46 972	236,616	1 343,684	5,679	5,210
82	68	43 525	205,385	1 107,068	5,390	4,921
83	69	39 940	176,552	901,684	5,107	4,638
84	70	36 262	150,159	725,132	4,829	4,360
85	71	32 512	126,115	574,972	4,559	4,090
86	72	28 709	104,324	448,857	4,303	3,833
87	73	24 955	84,947	344,533	4,056	3,587
88	74	21 303	67,930	259,586	3,821	3,352
89	75	17 811	53,205	191,656	3,602	3,133
90	76	14 584	40,811	138,451	3,392	2,923
91	77	11 679	30,615	97,639	3,189	2,720
92	78	9 131	22,423	67,025	2,989	2,520
93	79	6 879	15,824	44,602	2,819	2,349
94	80	5 041	10,863	28,777	2,649	2,180
95	81	3 546	7,158	17,914	2,503	2,034
96	82	2 410	4,557	10,757	2,361	1,892
97	83	1 552	2,750	6,200	2,255	1,786
98	84	971	1,612	3,451	2,141	1,672
99	85	580	0,902	1,839	2,038	1,569
100	86	330	0,481	0,937	1,947	1,477

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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15	0	99 490	37 347,330	572 379,160	15,326	14,857
16	1	99 175	34 875,068	535 031,830	15,341	14,872
17	2	99 126	32 653,670	500 156,762	15,317	14,848
18	3	99 086	30 576,715	467 503,092	15,290	14,820
19	4	99 038	28 629,365	436 926,376	15,261	14,792
20	5	98 989	26 805,847	408 297,012	15,232	14,763
21	6	98 937	25 097,784	381 491,165	15,200	14,731
22	7	98 889	23 499,198	356 393,382	15,166	14,697
23	8	98 839	22 002,291	332 894,184	15,130	14,661
24	9	98 792	20 601,169	310 891,893	15,091	14,622
25	10	98 739	19 288,175	290 290,724	15,050	14,581
26	11	98 690	18 059,579	271 002,550	15,006	14,537
27	12	98 637	16 908,568	252 942,971	14,959	14,490
28	13	98 584	15 830,849	236 034,403	14,910	14,441
29	14	98 527	14 821,249	220 203,554	14,857	14,388
30	15	98 466	13 875,551	205 382,306	14,802	14,333
31	16	98 399	12 989,297	191 506,754	14,743	14,274
32	17	98 324	12 158,675	178 517,457	14,682	14,213
33	18	98 248	11 381,089	166 358,782	14,617	14,148
34	19	98 157	10 651,542	154 977,693	14,550	14,081
35	20	98 064	9 968,604	144 326,152	14,478	14,009
36	21	97 967	9 329,054	134 357,548	14,402	13,933
37	22	97 867	8 730,210	125 028,494	14,321	13,852
38	23	97 755	8 168,839	116 298,285	14,237	13,768
39	24	97 633	7 642,762	108 129,446	14,148	13,679
40	25	97 507	7 150,234	100 486,684	14,054	13,584
41	26	97 368	6 688,548	93 336,450	13,955	13,486
42	27	97 220	6 256,084	86 647,902	13,850	13,381
43	28	97 059	5 850,798	80 391,817	13,740	13,271
44	29	96 886	5 471,112	74 541,020	13,624	13,155
45	30	96 687	5 114,625	69 069,907	13,504	13,035
46	31	96 467	4 780,317	63 955,282	13,379	12,910
47	32	96 227	4 466,887	59 174,966	13,247	12,778
48	33	95 966	4 173,099	54 708,079	13,110	12,641
49	34	95 677	3 897,440	50 534,980	12,966	12,497
50	35	95 354	3 638,672	46 637,540	12,817	12,348
51	36	94 997	3 395,861	42 998,868	12,662	12,193
52	37	94 602	3 167,905	39 603,007	12,501	12,032
53	38	94 166	2 953,901	36 435,102	12,335	11,865
54	39	93 667	2 752,461	33 481,201	12,164	11,695
55	40	93 113	2 563,169	30 728,740	11,989	11,519
56	41	92 499	2 385,261	28 165,571	11,808	11,339
57	42	91 822	2 218,075	25 780,310	11,623	11,154
58	43	91 076	2 060,949	23 562,235	11,433	10,964
59	44	90 251	1 913,146	21 501,286	11,239	10,770
60	45	89 358	1 774,433	19 588,140	11,039	10,570
61	46	88 377	1 643,994	17 813,707	10,836	10,366
62	47	87 315	1 521,521	16 169,713	10,627	10,158
63	48	86 154	1 406,363	14 648,192	10,416	9,947
64	49	84 900	1 298,265	13 241,829	10,200	9,731
65	50	83 544	1 196,744	11 943,564	9,980	9,511
66	51	82 103	1 101,738	10 746,819	9,754	9,285
67	52	80 567	1 012,760	9 645,081	9,524	9,054
68	53	78 932	929,474	8 632,321	9,287	8,818
69	54	77 219	851,809	7 702,847	9,043	8,574
70	55	75 372	778,855	6 851,037	8,796	8,327
71	56	73 452	711,019	6 072,182	8,540	8,071
72	57	71 386	647,325	5 361,163	8,282	7,813
73	58	69 244	588,199	4 713,838	8,014	7,545
74	59	66 961	532,839	4 125,639	7,743	7,274
75	60	64 574	481,354	3 592,801	7,464	6,995
76	61	62 073	433,458	3 111,447	7,178	6,709
77	62	59 426	388,732	2 677,989	6,889	6,420
78	63	56 658	347,190	2 289,257	6,594	6,125
79	64	53 717	308,353	1 942,067	6,298	5,829
80	65	50 625	272,228	1 633,715	6,001	5,532
81	66	47 388	238,708	1 361,487	5,704	5,234
82	67	43 941	207,351	1 122,780	5,415	4,946
83	68	40 362	178,419	915,429	5,131	4,662
84	69	36 686	151,915	737,010	4,851	4,382
85	70	32 926	127,724	585,095	4,581	4,112
86	71	29 108	105,774	457,371	4,324	3,855
87	72	25 330	86,224	351,597	4,078	3,609
88	73	21 658	69,063	265,373	3,842	3,373
89	74	18 135	54,172	196,309	3,624	3,155
90	75	14 870	41,612	142,137	3,416	2,947
91	76	11 936	31,289	100,526	3,213	2,744
92	77	9 354	22,969	69,236	3,014	2,545
93	78	7 073	16,271	46,267	2,844	2,374
94	79	5 205	11,215	29,996	2,675	2,205
95	80	3 680	7,428	18,781	2,528	2,059
96	81	2 517	4,760	11,352	2,385	1,916
97	82	1 633	2,892	6,592	2,279	1,810
98	83	1 030	1,709	3,700	2,165	1,696
99	84	621	0,965	1,991	2,063	1,594
100	85	358	0,521	1,026	1,970	1,501

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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16	0	99 474	34 980,196	535 273,404	15,302	14,833
17	1	99 150	32 661,768	500 293,208	15,317	14,848
18	2	99 098	30 580,514	467 631,439	15,292	14,823
19	3	99 048	28 632,317	437 050,926	15,264	14,795
20	4	98 999	26 808,412	408 418,608	15,235	14,766
21	5	98 946	25 100,020	381 610,196	15,204	14,734
22	6	98 897	23 501,276	356 510,177	15,170	14,701
23	7	98 844	22 003,313	333 008,900	15,134	14,665
24	8	98 799	20 602,604	311 005,587	15,095	14,626
25	9	98 745	19 289,355	290 402,983	15,055	14,586
26	10	98 696	18 060,635	271 113,628	15,011	14,542
27	11	98 645	16 909,875	253 052,993	14,965	14,496
28	12	98 591	15 832,092	236 143,118	14,915	14,446
29	13	98 536	14 822,645	220 311,025	14,863	14,394
30	14	98 475	13 876,831	205 488,380	14,808	14,339
31	15	98 411	12 990,878	191 611,549	14,750	14,281
32	16	98 338	12 160,466	178 620,672	14,689	14,220
33	17	98 261	11 382,638	166 460,206	14,624	14,155
34	18	98 176	10 653,641	155 077,567	14,556	14,087
35	19	98 081	9 970,346	144 423,927	14,485	14,016
36	20	97 985	9 330,779	134 453,581	14,410	13,941
37	21	97 883	8 731,649	125 122,802	14,330	13,861
38	22	97 771	8 170,169	116 391,152	14,246	13,777
39	23	97 651	7 644,138	108 220,983	14,157	13,688
40	24	97 525	7 151,521	100 576,846	14,064	13,595
41	25	97 386	6 689,821	93 425,325	13,965	13,496
42	26	97 238	6 257,262	86 735,504	13,862	13,392
43	27	97 080	5 852,057	80 478,242	13,752	13,283
44	28	96 909	5 472,402	74 626,185	13,637	13,168
45	29	96 712	5 115,949	69 153,783	13,517	13,048
46	30	96 498	4 781,833	64 037,834	13,392	12,923
47	31	96 257	4 468,290	59 256,001	13,261	12,792
48	32	95 999	4 174,529	54 787,711	13,124	12,655
49	33	95 711	3 898,845	50 613,182	12,982	12,512
50	34	95 392	3 640,150	46 714,337	12,833	12,364
51	35	95 037	3 397,261	43 074,187	12,679	12,210
52	36	94 646	3 169,358	39 676,926	12,519	12,050
53	37	94 211	2 955,304	36 507,569	12,353	11,884
54	38	93 724	2 754,123	33 552,264	12,183	11,713
55	39	93 169	2 564,710	30 798,142	12,008	11,539
56	40	92 563	2 386,898	28 233,431	11,829	11,359
57	41	91 890	2 219,718	25 846,533	11,644	11,175
58	42	91 148	2 062,586	23 626,816	11,455	10,986
59	43	90 333	1 914,884	21 564,229	11,261	10,792
60	44	89 445	1 776,157	19 649,345	11,063	10,594
61	45	88 479	1 645,891	17 873,188	10,859	10,390
62	46	87 421	1 523,376	16 227,297	10,652	10,183
63	47	86 272	1 408,293	14 703,921	10,441	9,972
64	48	85 036	1 300,338	13 295,628	10,225	9,756
65	49	83 690	1 198,840	11 995,290	10,006	9,537
66	50	82 255	1 103,784	10 796,450	9,781	9,312
67	51	80 740	1 014,935	9 692,667	9,550	9,081
68	52	79 117	931,648	8 677,732	9,314	8,845
69	53	77 418	854,002	7 746,084	9,070	8,601
70	54	75 590	781,111	6 892,082	8,823	8,354
71	55	73 691	713,334	6 110,970	8,567	8,098
72	56	71 642	649,649	5 397,636	8,309	7,839
73	57	69 516	590,516	4 747,987	8,040	7,571
74	58	67 253	535,166	4 157,471	7,769	7,299
75	59	64 879	483,630	3 622,305	7,490	7,021
76	60	62 403	435,757	3 138,675	7,203	6,734
77	61	59 766	390,955	2 702,918	6,914	6,444
78	62	57 008	349,333	2 311,963	6,618	6,149
79	63	54 082	310,448	1 962,631	6,322	5,853
80	64	51 006	274,277	1 652,183	6,024	5,555
81	65	47 768	240,626	1 377,906	5,726	5,257
82	66	44 330	209,184	1 137,280	5,437	4,968
83	67	40 749	180,127	928,097	5,152	4,683
84	68	37 074	153,522	747,970	4,872	4,403
85	69	33 311	129,217	594,448	4,600	4,131
86	70	29 480	107,123	465,231	4,343	3,874
87	71	25 682	87,422	358,107	4,096	3,627
88	72	21 984	70,102	270,685	3,861	3,392
89	73	18 438	55,076	200,583	3,642	3,173
90	74	15 141	42,368	145,507	3,434	2,965
91	75	12 171	31,903	103,140	3,233	2,764
92	76	9 560	23,476	71,237	3,034	2,565
93	77	7 246	16,668	47,761	2,865	2,396
94	78	5 352	11,532	31,093	2,696	2,227
95	79	3 799	7,669	19,561	2,551	2,081
96	80	2 612	4,940	11,892	2,407	1,938
97	81	1 706	3,021	6,952	2,301	1,832
98	82	1 083	1,798	3,931	2,187	1,718
99	83	658	1,023	2,133	2,085	1,616
100	84	383	0,557	1,110	1,993	1,524

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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17	0	99 449	32 760,224	500 516,233	15,278	14,809
18	1	99 123	30 588,098	467 756,009	15,292	14,823
19	2	99 060	28 635,875	437 167,911	15,266	14,797
20	3	99 009	26 811,177	408 532,037	15,237	14,768
21	4	98 956	25 102,422	381 720,860	15,207	14,737
22	5	98 906	23 503,370	356 618,438	15,173	14,704
23	6	98 853	22 005,260	333 115,068	15,138	14,669
24	7	98 803	20 603,562	311 109,808	15,100	14,631
25	8	98 752	19 290,699	290 506,247	15,059	14,590
26	9	98 702	18 061,740	271 215,548	15,016	14,547
27	10	98 650	16 910,864	253 153,808	14,970	14,501
28	11	98 599	15 833,317	236 242,944	14,921	14,451
29	12	98 544	14 823,809	220 409,627	14,869	14,399
30	13	98 484	13 878,138	205 585,818	14,814	14,345
31	14	98 420	12 992,076	191 707,679	14,756	14,287
32	15	98 350	12 161,946	178 715,604	14,695	14,226
33	16	98 276	11 384,315	166 553,658	14,630	14,161
34	17	98 190	10 655,091	155 169,343	14,563	14,094
35	18	98 101	9 972,311	144 514,252	14,492	14,022
36	19	98 003	9 332,410	134 541,941	14,417	13,948
37	20	97 901	8 733,264	125 209,531	14,337	13,868
38	21	97 787	8 171,516	116 476,267	14,254	13,785
39	22	97 667	7 645,383	108 304,750	14,166	13,697
40	23	97 542	7 152,808	100 659,368	14,073	13,604
41	24	97 404	6 691,025	93 506,560	13,975	13,506
42	25	97 256	6 258,452	86 815,535	13,872	13,403
43	26	97 098	5 853,159	80 557,083	13,763	13,294
44	27	96 930	5 473,580	74 703,924	13,648	13,179
45	28	96 735	5 117,155	69 230,345	13,529	13,060
46	29	96 523	4 783,071	64 113,190	13,404	12,935
47	30	96 287	4 469,708	59 330,119	13,274	12,805
48	31	96 029	4 175,840	54 860,412	13,138	12,668
49	32	95 744	3 900,181	50 684,571	12,995	12,526
50	33	95 427	3 641,462	46 784,390	12,848	12,379
51	34	95 075	3 398,641	43 142,928	12,694	12,225
52	35	94 685	3 170,665	39 744,287	12,535	12,066
53	36	94 254	2 956,660	36 573,623	12,370	11,901
54	37	93 768	2 755,430	33 616,963	12,200	11,731
55	38	93 225	2 566,258	30 861,532	12,026	11,557
56	39	92 618	2 388,334	28 295,274	11,847	11,378
57	40	91 953	2 221,241	25 906,940	11,663	11,194
58	41	91 216	2 064,114	23 685,699	11,475	11,006
59	42	90 405	1 916,406	21 621,585	11,282	10,813
60	43	89 526	1 777,771	19 705,179	11,084	10,615
61	44	88 565	1 647,490	17 927,408	10,882	10,413
62	45	87 522	1 525,133	16 279,918	10,674	10,205
63	46	86 377	1 410,009	14 754,785	10,464	9,995
64	47	85 152	1 302,122	13 344,776	10,248	9,779
65	48	83 824	1 200,754	12 042,653	10,029	9,560
66	49	82 399	1 105,717	10 841,899	9,805	9,336
67	50	80 889	1 016,819	9 736,182	9,575	9,106
68	51	79 287	933,648	8 719,363	9,339	8,870
69	52	77 599	855,999	7 785,715	9,095	8,626
70	53	75 785	783,122	6 929,716	8,849	8,380
71	54	73 904	715,401	6 146,594	8,592	8,123
72	55	71 875	651,764	5 431,193	8,333	7,864
73	56	69 766	592,636	4 779,429	8,065	7,596
74	57	67 518	537,275	4 186,793	7,793	7,324
75	58	65 163	485,743	3 649,518	7,513	7,044
76	59	62 698	437,817	3 163,775	7,226	6,757
77	60	60 083	393,029	2 725,958	6,936	6,467
78	61	57 334	351,330	2 332,929	6,640	6,171
79	62	54 416	312,364	1 981,599	6,344	5,875
80	63	51 352	276,141	1 669,235	6,045	5,576
81	64	48 128	242,437	1 393,094	5,746	5,277
82	65	44 686	210,864	1 150,657	5,457	4,988
83	66	41 109	181,719	939,793	5,172	4,703
84	67	37 429	154,991	758,074	4,891	4,422
85	68	33 664	130,584	603,083	4,618	4,149
86	69	29 824	108,376	472,499	4,360	3,891
87	70	26 010	88,538	364,123	4,113	3,644
88	71	22 289	71,076	275,585	3,877	3,408
89	72	18 715	55,904	204,509	3,658	3,189
90	73	15 393	43,075	148,605	3,450	2,981
91	74	12 392	32,483	105,531	3,249	2,780
92	75	9 748	23,936	73,048	3,052	2,583
93	76	7 406	17,035	49,112	2,883	2,414
94	77	5 482	11,813	32,077	2,715	2,246
95	78	3 907	7,886	20,264	2,570	2,101
96	79	2 697	5,100	12,378	2,427	1,958
97	80	1 770	3,136	7,278	2,321	1,852
98	81	1 132	1,878	4,143	2,206	1,737
99	82	692	1,076	2,265	2,104	1,635
100	83	406	0,591	1,189	2,013	1,544

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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18	0	99 422	30 680,303	467 961,924	15,253	14,784
19	1	99 085	28 642,976	437 281,621	15,267	14,797
20	2	99 021	26 814,508	408 638,645	15,239	14,770
21	3	98 966	25 105,011	381 824,137	15,209	14,740
22	4	98 916	23 505,619	356 719,126	15,176	14,707
23	5	98 861	22 007,220	333 213,507	15,141	14,672
24	6	98 812	20 605,384	311 206,287	15,103	14,634
25	7	98 756	19 291,595	290 600,902	15,064	14,594
26	8	98 709	18 062,999	271 309,307	15,020	14,551
27	9	98 656	16 911,899	253 246,309	14,974	14,505
28	10	98 605	15 834,243	236 334,410	14,926	14,456
29	11	98 551	14 824,955	220 500,167	14,874	14,404
30	12	98 492	13 879,228	205 675,211	14,819	14,350
31	13	98 429	12 993,300	191 795,983	14,761	14,292
32	14	98 359	12 163,067	178 802,683	14,700	14,231
33	15	98 288	11 385,700	166 639,616	14,636	14,167
34	16	98 204	10 656,661	155 253,916	14,569	14,100
35	17	98 114	9 973,669	144 597,256	14,498	14,029
36	18	98 022	9 334,249	134 623,586	14,423	13,953
37	19	97 918	8 734,791	125 289,337	14,344	13,875
38	20	97 805	8 173,027	116 554,547	14,261	13,792
39	21	97 683	7 646,643	108 381,519	14,174	13,705
40	22	97 558	7 153,973	100 734,876	14,081	13,612
41	23	97 421	6 692,229	93 580,903	13,984	13,514
42	24	97 274	6 259,579	86 888,674	13,881	13,412
43	25	97 116	5 854,272	80 629,095	13,773	13,304
44	26	96 948	5 474,610	74 774,823	13,658	13,189
45	27	96 756	5 118,256	69 300,213	13,540	13,071
46	28	96 545	4 784,198	64 181,957	13,415	12,946
47	29	96 312	4 470,864	59 397,759	13,286	12,816
48	30	96 059	4 177,165	54 926,894	13,149	12,680
49	31	95 774	3 901,406	50 749,729	13,008	12,539
50	32	95 459	3 642,710	46 848,323	12,861	12,392
51	33	95 109	3 399,866	43 205,613	12,708	12,239
52	34	94 723	3 171,952	39 805,747	12,549	12,080
53	35	94 293	2 957,879	36 633,795	12,385	11,916
54	36	93 811	2 756,694	33 675,916	12,216	11,747
55	37	93 270	2 567,477	30 919,222	12,043	11,574
56	38	92 674	2 389,775	28 351,744	11,864	11,395
57	39	92 008	2 222,577	25 961,969	11,681	11,212
58	40	91 279	2 065,531	23 739,392	11,493	11,024
59	41	90 472	1 917,825	21 673,861	11,301	10,832
60	42	89 597	1 779,184	19 756,036	11,104	10,635
61	43	88 646	1 648,987	17 976,852	10,902	10,433
62	44	87 607	1 526,615	16 327,865	10,695	10,226
63	45	86 477	1 411,636	14 801,250	10,485	10,016
64	46	85 256	1 303,710	13 389,614	10,270	9,801
65	47	83 939	1 202,402	12 085,905	10,051	9,582
66	48	82 531	1 107,482	10 883,503	9,827	9,358
67	49	81 031	1 018,600	9 776,021	9,598	9,128
68	50	79 434	935,382	8 757,421	9,362	8,893
69	51	77 766	857,837	7 822,039	9,118	8,649
70	52	75 962	784,954	6 964,202	8,872	8,403
71	53	74 094	717,243	6 179,249	8,615	8,146
72	54	72 083	653,652	5 462,006	8,356	7,887
73	55	69 993	594,565	4 808,354	8,087	7,618
74	56	67 760	539,203	4 213,789	7,815	7,346
75	57	65 419	487,657	3 674,585	7,535	7,066
76	58	62 972	439,730	3 186,929	7,247	6,778
77	59	60 367	394,887	2 747,199	6,957	6,488
78	60	57 638	353,194	2 352,312	6,660	6,191
79	61	54 727	314,150	1 999,118	6,364	5,894
80	62	51 669	277,845	1 684,968	6,064	5,595
81	63	48 455	244,084	1 407,123	5,765	5,296
82	64	45 022	212,452	1 163,038	5,474	5,005
83	65	41 439	183,179	950,586	5,189	4,720
84	66	37 760	156,361	767,407	4,908	4,439
85	67	33 986	131,834	611,046	4,635	4,166
86	68	30 140	109,522	479,212	4,375	3,906
87	69	26 314	89,573	369,690	4,127	3,658
88	70	22 574	71,983	280,117	3,891	3,422
89	71	18 975	56,681	208,135	3,672	3,203
90	72	15 625	43,722	151,454	3,464	2,995
91	73	12 598	33,025	107,732	3,262	2,793
92	74	9 925	24,371	74,707	3,065	2,596
93	75	7 551	17,369	50,336	2,898	2,429
94	76	5 603	12,073	32,967	2,731	2,261
95	77	4 002	8,078	20,894	2,586	2,117
96	78	2 773	5,244	12,816	2,444	1,975
97	79	1 828	3,237	7,572	2,339	1,870
98	80	1 174	1,949	4,334	2,224	1,755
99	81	723	1,124	2,385	2,122	1,653
100	82	427	0,621	1,261	2,030	1,561

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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19	0	99 384	28 729,318	437 471,743	15,227	14,758
20	1	99 046	26 821,158	408 742,425	15,240	14,770
21	2	98 978	25 108,130	381 921,267	15,211	14,742
22	3	98 926	23 508,044	356 813,137	15,178	14,709
23	4	98 871	22 009,326	333 305,094	15,144	14,675
24	5	98 821	20 607,220	311 295,767	15,106	14,637
25	6	98 765	19 293,302	290 688,547	15,067	14,598
26	7	98 713	18 063,838	271 395,246	15,024	14,555
27	8	98 663	16 913,078	253 331,408	14,978	14,509
28	9	98 611	15 835,212	236 418,330	14,930	14,461
29	10	98 557	14 825,823	220 583,119	14,878	14,409
30	11	98 500	13 880,302	205 757,296	14,824	14,355
31	12	98 437	12 994,320	191 876,994	14,766	14,297
32	13	98 369	12 164,213	178 882,674	14,706	14,237
33	14	98 297	11 386,750	166 718,461	14,641	14,172
34	15	98 216	10 657,957	155 331,711	14,574	14,105
35	16	98 128	9 975,138	144 673,754	14,503	14,034
36	17	98 035	9 335,520	134 698,616	14,429	13,959
37	18	97 938	8 736,512	125 363,096	14,349	13,880
38	19	97 822	8 174,456	116 626,584	14,267	13,798
39	20	97 701	7 648,057	108 452,128	14,180	13,711
40	21	97 574	7 155,153	100 804,070	14,088	13,619
41	22	97 437	6 693,319	93 648,918	13,991	13,522
42	23	97 291	6 260,705	86 955,599	13,889	13,420
43	24	97 134	5 855,326	80 694,893	13,781	13,312
44	25	96 967	5 475,652	74 839,567	13,668	13,199
45	26	96 774	5 119,219	69 363,916	13,550	13,081
46	27	96 566	4 785,228	64 244,696	13,426	12,957
47	28	96 335	4 471,918	59 459,469	13,296	12,827
48	29	96 084	4 178,246	54 987,550	13,160	12,691
49	30	95 804	3 902,644	50 809,304	13,019	12,550
50	31	95 489	3 643,854	46 906,660	12,873	12,404
51	32	95 142	3 401,031	43 262,806	12,720	12,251
52	33	94 757	3 173,096	39 861,775	12,562	12,093
53	34	94 331	2 959,080	36 688,679	12,399	11,930
54	35	93 850	2 757,831	33 729,599	12,230	11,761
55	36	93 312	2 568,655	30 971,768	12,058	11,588
56	37	92 718	2 390,910	28 403,113	11,880	11,410
57	38	92 064	2 223,919	26 012,203	11,697	11,227
58	39	91 333	2 066,773	23 788,284	11,510	11,041
59	40	90 534	1 919,141	21 721,511	11,318	10,849
60	41	89 663	1 780,502	19 802,370	11,122	10,653
61	42	88 716	1 650,297	18 021,868	10,920	10,451
62	43	87 687	1 528,002	16 371,571	10,714	10,245
63	44	86 561	1 413,007	14 843,568	10,505	10,036
64	45	85 354	1 305,214	13 430,561	10,290	9,821
65	46	84 041	1 203,867	12 125,348	10,072	9,603
66	47	82 644	1 109,002	10 921,480	9,848	9,379
67	48	81 160	1 020,226	9 812,478	9,618	9,149
68	49	79 573	937,020	8 792,252	9,383	8,914
69	50	77 910	859,430	7 855,232	9,140	8,671
70	51	76 125	786,639	6 995,803	8,893	8,424
71	52	74 268	718,920	6 209,164	8,637	8,168
72	53	72 269	655,335	5 490,244	8,378	7,909
73	54	70 196	596,288	4 834,909	8,108	7,639
74	55	67 981	540,959	4 238,621	7,835	7,366
75	56	65 654	489,407	3 697,662	7,555	7,086
76	57	63 220	441,462	3 208,255	7,267	6,798
77	58	60 631	396,612	2 766,793	6,976	6,507
78	59	57 910	354,864	2 370,181	6,679	6,210
79	60	55 017	315,816	2 015,317	6,381	5,912
80	61	51 965	279,434	1 699,501	6,082	5,613
81	62	48 754	245,591	1 420,066	5,782	5,313
82	63	45 328	213,895	1 174,475	5,491	5,022
83	64	41 751	184,558	960,580	5,205	4,736
84	65	38 063	157,618	776,022	4,923	4,454
85	66	34 286	133,000	618,404	4,650	4,181
86	67	30 428	110,570	485,405	4,390	3,921
87	68	26 592	90,520	374,834	4,141	3,672
88	69	22 838	72,824	284,314	3,904	3,435
89	70	19 217	57,404	211,490	3,684	3,215
90	71	15 842	44,330	154,086	3,476	3,007
91	72	12 788	33,521	109,757	3,274	2,805
92	73	10 090	24,778	76,235	3,077	2,608
93	74	7 688	17,685	51,458	2,910	2,441
94	75	5 713	12,310	33,773	2,744	2,274
95	76	4 090	8,256	21,463	2,600	2,131
96	77	2 841	5,372	13,207	2,459	1,989
97	78	1 879	3,329	7,835	2,354	1,885
98	79	1 212	2,012	4,506	2,240	1,771
99	80	751	1,167	2,494	2,138	1,669
100	81	446	0,649	1,328	2,046	1,577

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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20	0	99 344	26 902,008	408 917,977	15,200	14,731
21	1	99 003	25 114,356	382 015,969	15,211	14,742
22	2	98 938	23 510,964	356 901,612	15,180	14,711
23	3	98 881	22 011,596	333 390,648	15,146	14,677
24	4	98 830	20 609,192	311 379,052	15,109	14,640
25	5	98 774	19 295,021	290 769,860	15,070	14,601
26	6	98 722	18 065,436	271 474,839	15,027	14,558
27	7	98 668	16 913,863	253 409,404	14,982	14,513
28	8	98 618	15 836,315	236 495,540	14,934	14,465
29	9	98 563	14 826,730	220 659,225	14,883	14,413
30	10	98 506	13 881,114	205 832,495	14,828	14,359
31	11	98 445	12 995,325	191 951,382	14,771	14,302
32	12	98 376	12 165,168	178 956,057	14,711	14,241
33	13	98 306	11 387,823	166 790,888	14,646	14,177
34	14	98 225	10 658,940	155 403,066	14,580	14,110
35	15	98 140	9 976,352	144 744,126	14,509	14,040
36	16	98 050	9 336,895	134 767,774	14,434	13,965
37	17	97 951	8 737,702	125 430,879	14,355	13,886
38	18	97 842	8 176,067	116 693,177	14,273	13,803
39	19	97 718	7 649,394	108 517,110	14,186	13,717
40	20	97 592	7 156,476	100 867,715	14,095	13,625
41	21	97 453	6 694,423	93 711,240	13,998	13,529
42	22	97 307	6 261,725	87 016,817	13,897	13,427
43	23	97 151	5 856,380	80 755,092	13,789	13,320
44	24	96 984	5 476,637	74 898,712	13,676	13,207
45	25	96 792	5 120,193	69 422,075	13,558	13,089
46	26	96 584	4 786,129	64 301,882	13,435	12,966
47	27	96 356	4 472,881	59 515,753	13,306	12,837
48	28	96 107	4 179,231	55 042,873	13,171	12,701
49	29	95 829	3 903,654	50 863,642	13,030	12,561
50	30	95 520	3 645,010	46 959,988	12,883	12,414
51	31	95 172	3 402,099	43 314,977	12,732	12,263
52	32	94 790	3 174,183	39 912,878	12,574	12,105
53	33	94 365	2 960,147	36 738,695	12,411	11,942
54	34	93 888	2 758,951	33 778,548	12,243	11,774
55	35	93 351	2 569,714	31 019,597	12,071	11,602
56	36	92 761	2 392,007	28 449,883	11,894	11,425
57	37	92 107	2 224,975	26 057,876	11,712	11,242
58	38	91 389	2 068,021	23 832,901	11,524	11,055
59	39	90 589	1 920,296	21 764,880	11,334	10,865
60	40	89 725	1 781,723	19 844,585	11,138	10,669
61	41	88 782	1 651,520	18 062,861	10,937	10,468
62	42	87 756	1 529,216	16 411,342	10,732	10,263
63	43	86 639	1 414,292	14 882,125	10,523	10,054
64	44	85 437	1 306,482	13 467,834	10,308	9,839
65	45	84 138	1 205,256	12 161,352	10,090	9,621
66	46	82 745	1 110,354	10 956,096	9,867	9,398
67	47	81 272	1 021,626	9 845,742	9,637	9,168
68	48	79 700	938,516	8 824,117	9,402	8,933
69	49	78 047	860,935	7 885,601	9,159	8,690
70	50	76 266	788,100	7 024,666	8,913	8,444
71	51	74 427	720,464	6 236,566	8,656	8,187
72	52	72 438	656,867	5 516,103	8,398	7,928
73	53	70 377	597,823	4 859,235	8,128	7,659
74	54	68 178	542,526	4 261,413	7,855	7,386
75	55	65 868	491,001	3 718,886	7,574	7,105
76	56	63 447	443,047	3 227,886	7,286	6,817
77	57	60 870	398,175	2 784,839	6,994	6,525
78	58	58 163	356,414	2 386,664	6,696	6,227
79	59	55 277	317,310	2 030,250	6,398	5,929
80	60	52 241	280,916	1 712,940	6,098	5,629
81	61	49 033	246,995	1 432,024	5,798	5,329
82	62	45 608	215,216	1 185,029	5,506	5,037
83	63	42 035	185,812	969,813	5,219	4,750
84	64	38 350	158,804	784,001	4,937	4,468
85	65	34 562	134,068	625,197	4,663	4,194
86	66	30 697	111,548	491,129	4,403	3,934
87	67	26 847	91,387	379,581	4,154	3,684
88	68	23 079	73,594	288,194	3,916	3,447
89	69	19 442	58,075	214,600	3,695	3,226
90	70	16 044	44,895	156,525	3,486	3,017
91	71	12 966	33,987	111,630	3,284	2,815
92	72	10 242	25,150	77,643	3,087	2,618
93	73	7 816	17,980	52,492	2,920	2,450
94	74	5 817	12,534	34,513	2,754	2,284
95	75	4 170	8,418	21,979	2,611	2,142
96	76	2 903	5,490	13,561	2,470	2,001
97	77	1 925	3,410	8,071	2,367	1,898
98	78	1 247	2,069	4,661	2,253	1,784
99	79	775	1,205	2,592	2,152	1,683
100	80	463	0,673	1,387	2,060	1,591

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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21	0	99 301	25 190,061	382 178,078	15,172	14,703
22	1	98 963	23 516,795	356 988,017	15,180	14,711
23	2	98 893	22 014,331	333 471,222	15,148	14,679
24	3	98 841	20 611,318	311 456,891	15,111	14,642
25	4	98 783	19 296,867	290 845,573	15,072	14,603
26	5	98 731	18 067,045	271 548,706	15,030	14,561
27	6	98 677	16 915,360	253 481,661	14,985	14,516
28	7	98 622	15 837,051	236 566,301	14,938	14,468
29	8	98 570	14 827,763	220 729,250	14,886	14,417
30	9	98 512	13 881,963	205 901,487	14,832	14,363
31	10	98 450	12 996,085	192 019,524	14,775	14,306
32	11	98 384	12 166,109	179 023,439	14,715	14,246
33	12	98 314	11 388,717	166 857,330	14,651	14,182
34	13	98 234	10 659,944	155 468,613	14,584	14,115
35	14	98 149	9 977,272	144 808,669	14,514	14,045
36	15	98 062	9 338,031	134 831,397	14,439	13,970
37	16	97 965	8 738,988	125 493,366	14,360	13,891
38	17	97 855	8 177,181	116 754,377	14,278	13,809
39	18	97 737	7 650,902	108 577,197	14,191	13,722
40	19	97 609	7 157,727	100 926,295	14,100	13,631
41	20	97 471	6 695,661	93 768,568	14,004	13,535
42	21	97 323	6 262,758	87 072,908	13,903	13,434
43	22	97 167	5 857,333	80 810,150	13,796	13,327
44	23	97 002	5 477,623	74 952,817	13,683	13,214
45	24	96 810	5 121,115	69 475,194	13,566	13,097
46	25	96 603	4 787,039	64 354,079	13,443	12,974
47	26	96 374	4 473,723	59 567,040	13,315	12,846
48	27	96 128	4 180,131	55 093,317	13,180	12,711
49	28	95 852	3 904,574	50 913,187	13,039	12,570
50	29	95 544	3 645,954	47 008,612	12,893	12,424
51	30	95 202	3 403,179	43 362,659	12,742	12,273
52	31	94 820	3 175,180	39 959,480	12,585	12,116
53	32	94 397	2 961,161	36 784,300	12,422	11,953
54	33	93 922	2 759,946	33 823,138	12,255	11,786
55	34	93 389	2 570,758	31 063,193	12,083	11,614
56	35	92 799	2 392,993	28 492,435	11,907	11,437
57	36	92 150	2 225,995	26 099,442	11,725	11,256
58	37	91 432	2 069,003	23 873,446	11,539	11,069
59	38	90 643	1 921,455	21 804,444	11,348	10,879
60	39	89 779	1 782,795	19 882,989	11,153	10,684
61	40	88 843	1 652,653	18 100,194	10,952	10,483
62	41	87 821	1 530,349	16 447,541	10,748	10,278
63	42	86 708	1 415,415	14 917,192	10,539	10,070
64	43	85 515	1 307,669	13 501,777	10,325	9,856
65	44	84 220	1 206,427	12 194,108	10,108	9,638
66	45	82 840	1 111,635	10 987,681	9,884	9,415
67	46	81 371	1 022,871	9 876,046	9,655	9,186
68	47	79 809	939,804	8 853,175	9,420	8,951
69	48	78 171	862,309	7 913,371	9,177	8,708
70	49	76 400	789,480	7 051,062	8,931	8,462
71	50	74 565	721,801	6 261,582	8,675	8,206
72	51	72 593	658,278	5 539,781	8,416	7,946
73	52	70 541	599,221	4 881,503	8,146	7,677
74	53	68 353	543,923	4 282,282	7,873	7,404
75	54	66 059	492,423	3 738,360	7,592	7,123
76	55	63 653	444,489	3 245,936	7,303	6,833
77	56	61 088	399,604	2 801,447	7,011	6,541
78	57	58 393	357,818	2 401,843	6,712	6,243
79	58	55 519	318,696	2 044,025	6,414	5,945
80	59	52 488	282,245	1 725,329	6,113	5,644
81	60	49 293	248,305	1 443,084	5,812	5,343
82	61	45 869	216,446	1 194,779	5,520	5,051
83	62	42 294	186,959	978,333	5,233	4,764
84	63	38 610	159,883	791,373	4,950	4,481
85	64	34 822	135,077	631,490	4,675	4,206
86	65	30 944	112,444	496,413	4,415	3,946
87	66	27 084	92,194	383,969	4,165	3,696
88	67	23 300	74,299	291,774	3,927	3,458
89	68	19 647	58,689	217,475	3,706	3,236
90	69	16 231	45,420	158,786	3,496	3,027
91	70	13 131	34,421	113,366	3,294	2,824
92	71	10 384	25,500	78,946	3,096	2,627
93	72	7 934	18,250	53,446	2,929	2,459
94	73	5 914	12,743	35,196	2,762	2,293
95	74	4 246	8,571	22,453	2,620	2,151
96	75	2 960	5,598	13,882	2,480	2,011
97	76	1 967	3,485	8,284	2,377	1,908
98	77	1 277	2,119	4,799	2,265	1,795
99	78	797	1,239	2,680	2,164	1,694
100	79	478	0,695	1,441	2,073	1,604

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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22	0	99 261	23 587,684	357 137,726	15,141	14,672
23	1	98 918	22 019,790	333 550,042	15,148	14,679
24	2	98 853	20 613,878	311 530,251	15,113	14,644
25	3	98 794	19 298,857	290 916,373	15,074	14,605
26	4	98 740	18 068,774	271 617,516	15,032	14,563
27	5	98 685	16 916,867	253 548,742	14,988	14,519
28	6	98 631	15 838,452	236 631,875	14,940	14,471
29	7	98 574	14 828,452	220 793,423	14,890	14,421
30	8	98 518	13 882,930	205 964,971	14,836	14,367
31	9	98 456	12 996,880	192 082,041	14,779	14,310
32	10	98 390	12 166,821	179 085,161	14,719	14,250
33	11	98 322	11 389,598	166 918,340	14,655	14,186
34	12	98 242	10 660,782	155 528,742	14,589	14,120
35	13	98 159	9 978,212	144 867,960	14,518	14,049
36	14	98 071	9 338,892	134 889,749	14,444	13,975
37	15	97 977	8 740,052	125 550,856	14,365	13,896
38	16	97 869	8 178,385	116 810,805	14,283	13,814
39	17	97 751	7 651,944	108 632,420	14,197	13,728
40	18	97 628	7 159,137	100 980,476	14,105	13,636
41	19	97 488	6 696,831	93 821,339	14,010	13,541
42	20	97 341	6 263,916	87 124,508	13,909	13,440
43	21	97 183	5 858,299	80 860,592	13,803	13,334
44	22	97 017	5 478,515	75 002,293	13,690	13,221
45	23	96 827	5 122,037	69 523,778	13,573	13,104
46	24	96 620	4 787,901	64 401,741	13,451	12,982
47	25	96 392	4 474,574	59 613,840	13,323	12,854
48	26	96 146	4 180,917	55 139,267	13,188	12,719
49	27	95 872	3 905,415	50 958,349	13,048	12,579
50	28	95 567	3 646,813	47 052,935	12,902	12,433
51	29	95 227	3 404,060	43 406,122	12,751	12,282
52	30	94 850	3 176,188	40 002,062	12,594	12,125
53	31	94 427	2 962,092	36 825,875	12,432	11,963
54	32	93 954	2 760,892	33 863,783	12,266	11,796
55	33	93 422	2 571,684	31 102,891	12,094	11,625
56	34	92 837	2 393,965	28 531,207	11,918	11,449
57	35	92 188	2 226,913	26 137,242	11,737	11,268
58	36	91 474	2 069,952	23 910,329	11,551	11,082
59	37	90 686	1 922,367	21 840,377	11,361	10,892
60	38	89 833	1 783,871	19 918,010	11,166	10,696
61	39	88 896	1 653,647	18 134,139	10,966	10,497
62	40	87 881	1 531,399	16 480,492	10,762	10,293
63	41	86 772	1 416,464	14 949,092	10,554	10,085
64	42	85 583	1 308,708	13 532,629	10,340	9,871
65	43	84 296	1 207,524	12 223,921	10,123	9,654
66	44	82 921	1 112,714	11 016,397	9,900	9,431
67	45	81 465	1 024,051	9 903,683	9,671	9,202
68	46	79 907	940,949	8 879,632	9,437	8,968
69	47	78 279	863,492	7 938,682	9,194	8,725
70	48	76 522	790,740	7 075,190	8,948	8,478
71	49	74 696	723,065	6 284,450	8,691	8,222
72	50	72 728	659,500	5 561,385	8,433	7,964
73	51	70 693	600,507	4 901,884	8,163	7,694
74	52	68 513	545,195	4 301,377	7,890	7,420
75	53	66 229	493,691	3 756,182	7,608	7,139
76	54	63 838	445,777	3 262,491	7,319	6,850
77	55	61 287	400,905	2 816,714	7,026	6,557
78	56	58 602	359,103	2 415,809	6,727	6,258
79	57	55 737	319,952	2 056,707	6,428	5,959
80	58	52 717	283,477	1 736,755	6,127	5,657
81	59	49 526	249,480	1 453,278	5,825	5,356
82	60	46 112	217,594	1 203,798	5,532	5,063
83	61	42 536	188,028	986,204	5,245	4,776
84	62	38 849	160,870	798,175	4,962	4,492
85	63	35 059	135,995	637,305	4,686	4,217
86	64	31 177	113,290	501,310	4,425	3,956
87	65	27 301	92,935	388,020	4,175	3,706
88	66	23 506	74,956	295,084	3,937	3,468
89	67	19 835	59,251	220,129	3,715	3,246
90	68	16 403	45,901	160,878	3,505	3,036
91	69	13 284	34,823	114,977	3,302	2,833
92	70	10 517	25,825	80,154	3,104	2,635
93	71	8 044	18,504	54,329	2,936	2,467
94	72	6 003	12,935	35,826	2,770	2,301
95	73	4 317	8,714	22,891	2,627	2,158
96	74	3 014	5,700	14,177	2,487	2,018
97	75	2 006	3,553	8,477	2,386	1,917
98	76	1 305	2,166	4,924	2,274	1,804
99	77	816	1,269	2,758	2,174	1,705
100	78	491	0,715	1,489	2,083	1,614

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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23	0	99 216	22 086,167	333 688,309	15,108	14,639
24	1	98 877	20 618,991	311 602,142	15,112	14,643
25	2	98 806	19 301,255	290 983,152	15,076	14,607
26	3	98 750	18 070,638	271 681,897	15,034	14,565
27	4	98 695	16 918,485	253 611,259	14,990	14,521
28	5	98 640	15 839,863	236 692,773	14,943	14,474
29	6	98 583	14 829,764	220 852,910	14,893	14,423
30	7	98 523	13 883,575	206 023,147	14,839	14,370
31	8	98 463	12 997,786	192 139,571	14,782	14,313
32	9	98 396	12 167,565	179 141,786	14,723	14,254
33	10	98 327	11 390,264	166 974,220	14,659	14,190
34	11	98 250	10 661,606	155 583,956	14,593	14,124
35	12	98 166	9 978,995	144 922,350	14,523	14,054
36	13	98 080	9 339,772	134 943,355	14,448	13,979
37	14	97 986	8 740,858	125 603,583	14,370	13,901
38	15	97 881	8 179,380	116 862,725	14,287	13,818
39	16	97 765	7 653,071	108 683,345	14,201	13,732
40	17	97 642	7 160,112	101 030,274	14,110	13,641
41	18	97 508	6 698,151	93 870,162	14,014	13,545
42	19	97 358	6 265,011	87 172,011	13,914	13,445
43	20	97 201	5 859,383	80 907,001	13,808	13,339
44	21	97 033	5 479,418	75 047,618	13,696	13,227
45	22	96 843	5 122,871	69 568,200	13,580	13,111
46	23	96 638	4 788,763	64 445,329	13,458	12,988
47	24	96 410	4 475,379	59 656,566	13,330	12,861
48	25	96 164	4 181,713	55 181,187	13,196	12,727
49	26	95 890	3 906,150	50 999,475	13,056	12,587
50	27	95 588	3 647,598	47 093,325	12,911	12,442
51	28	95 249	3 404,862	43 445,727	12,760	12,291
52	29	94 874	3 177,010	40 040,865	12,603	12,134
53	30	94 457	2 963,031	36 863,855	12,441	11,972
54	31	93 983	2 761,759	33 900,824	12,275	11,806
55	32	93 454	2 572,566	31 139,065	12,104	11,635
56	33	92 870	2 394,828	28 566,500	11,928	11,459
57	34	92 225	2 227,818	26 171,671	11,748	11,279
58	35	91 512	2 070,805	23 943,854	11,563	11,093
59	36	90 728	1 923,249	21 873,049	11,373	10,904
60	37	89 876	1 784,718	19 949,800	11,178	10,709
61	38	88 950	1 654,645	18 165,081	10,978	10,509
62	39	87 934	1 532,320	16 510,436	10,775	10,306
63	40	86 832	1 417,436	14 978,116	10,567	10,098
64	41	85 646	1 309,677	13 560,680	10,354	9,885
65	42	84 363	1 208,483	12 251,003	10,138	9,668
66	43	82 996	1 113,726	11 042,520	9,915	9,446
67	44	81 544	1 025,046	9 928,794	9,686	9,217
68	45	79 999	942,035	8 903,748	9,452	8,982
69	46	78 374	864,545	7 961,713	9,209	8,740
70	47	76 627	791,825	7 097,168	8,963	8,494
71	48	74 815	724,220	6 305,343	8,706	8,237
72	49	72 856	660,655	5 581,124	8,448	7,979
73	50	70 824	601,622	4 920,468	8,179	7,710
74	51	68 660	546,365	4 318,846	7,905	7,436
75	52	66 384	494,845	3 772,481	7,624	7,154
76	53	64 002	446,925	3 277,635	7,334	6,865
77	54	61 465	402,067	2 830,711	7,040	6,571
78	55	58 793	360,272	2 428,644	6,741	6,272
79	56	55 938	321,100	2 068,372	6,442	5,972
80	57	52 925	284,594	1 747,272	6,140	5,670
81	58	49 742	250,569	1 462,678	5,837	5,368
82	59	46 330	218,623	1 212,109	5,544	5,075
83	60	42 762	189,026	993,485	5,256	4,787
84	61	39 071	161,790	804,460	4,972	4,503
85	62	35 275	136,835	642,670	4,697	4,228
86	63	31 389	114,060	505,835	4,435	3,966
87	64	27 507	93,635	391,775	4,184	3,715
88	65	23 695	75,558	298,140	3,946	3,477
89	66	20 011	59,775	222,582	3,724	3,255
90	67	16 560	46,340	162,807	3,513	3,044
91	68	13 425	35,191	116,467	3,310	2,840
92	69	10 640	26,127	81,276	3,111	2,642
93	70	8 147	18,740	55,149	2,943	2,474
94	71	6 086	13,114	36,409	2,776	2,307
95	72	4 382	8,845	23,295	2,634	2,165
96	73	3 064	5,795	14,450	2,494	2,025
97	74	2 042	3,618	8,656	2,392	1,923
98	75	1 331	2,208	5,038	2,281	1,812
99	76	834	1,297	2,829	2,182	1,713
100	77	503	0,732	1,532	2,092	1,623

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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24	0	99 175	20 681,145	311 729,857	15,073	14,604
25	1	98 830	19 306,042	291 048,712	15,076	14,606
26	2	98 763	18 072,883	271 742,671	15,036	14,567
27	3	98 705	16 920,230	253 669,788	14,992	14,523
28	4	98 649	15 841,379	236 749,557	14,945	14,476
29	5	98 592	14 831,085	220 908,178	14,895	14,426
30	6	98 532	13 884,803	206 077,094	14,842	14,373
31	7	98 468	12 998,390	192 192,290	14,786	14,317
32	8	98 403	12 168,413	179 193,900	14,726	14,257
33	9	98 333	11 390,961	167 025,487	14,663	14,194
34	10	98 255	10 662,230	155 634,526	14,597	14,128
35	11	98 174	9 979,767	144 972,297	14,527	14,057
36	12	98 088	9 340,506	134 992,530	14,452	13,983
37	13	97 996	8 741,681	125 652,024	14,374	13,905
38	14	97 890	8 180,134	116 910,343	14,292	13,823
39	15	97 777	7 654,002	108 730,208	14,206	13,737
40	16	97 656	7 161,167	101 076,207	14,114	13,645
41	17	97 521	6 699,063	93 915,040	14,019	13,550
42	18	97 377	6 266,245	87 215,977	13,918	13,449
43	19	97 218	5 860,407	80 949,732	13,813	13,344
44	20	97 051	5 480,432	75 089,325	13,701	13,232
45	21	96 859	5 123,716	69 608,893	13,586	13,116
46	22	96 653	4 789,542	64 485,178	13,464	12,995
47	23	96 427	4 476,185	59 695,635	13,336	12,867
48	24	96 181	4 182,465	55 219,451	13,203	12,733
49	25	95 909	3 906,893	51 036,985	13,063	12,594
50	26	95 605	3 648,284	47 130,092	12,918	12,449
51	27	95 270	3 405,595	43 481,808	12,768	12,299
52	28	94 897	3 177,758	40 076,213	12,611	12,142
53	29	94 481	2 963,798	36 898,455	12,450	11,981
54	30	94 013	2 762,635	33 934,656	12,283	11,814
55	31	93 484	2 573,374	31 172,022	12,113	11,644
56	32	92 902	2 395,649	28 598,648	11,938	11,469
57	33	92 258	2 228,621	26 202,999	11,757	11,288
58	34	91 549	2 071,646	23 974,378	11,573	11,103
59	35	90 765	1 924,042	21 902,732	11,384	10,915
60	36	89 917	1 785,537	19 978,690	11,189	10,720
61	37	88 992	1 655,431	18 193,153	10,990	10,521
62	38	87 987	1 533,245	16 537,722	10,786	10,317
63	39	86 884	1 418,288	15 004,477	10,579	10,110
64	40	85 705	1 310,576	13 586,189	10,367	9,897
65	41	84 426	1 209,378	12 275,613	10,150	9,681
66	42	83 062	1 114,611	11 066,234	9,928	9,459
67	43	81 618	1 025,978	9 951,624	9,700	9,231
68	44	80 076	942,950	8 925,646	9,466	8,997
69	45	78 464	865,542	7 982,696	9,223	8,754
70	46	76 720	792,790	7 117,154	8,977	8,508
71	47	74 918	725,213	6 324,363	8,721	8,252
72	48	72 972	661,710	5 599,150	8,462	7,993
73	49	70 948	602,676	4 937,440	8,193	7,723
74	50	68 788	547,380	4 334,764	7,919	7,450
75	51	66 526	495,908	3 787,384	7,637	7,168
76	52	64 152	447,970	3 291,477	7,348	6,878
77	53	61 623	403,102	2 843,507	7,054	6,585
78	54	58 963	361,316	2 440,405	6,754	6,285
79	55	56 120	322,146	2 079,090	6,454	5,985
80	56	53 114	285,616	1 756,944	6,151	5,682
81	57	49 938	251,557	1 471,328	5,849	5,380
82	58	46 532	219,578	1 219,772	5,555	5,086
83	59	42 964	189,920	1 000,193	5,266	4,797
84	60	39 278	162,648	810,274	4,982	4,513
85	61	35 477	137,617	647,626	4,706	4,237
86	62	31 582	114,764	510,009	4,444	3,975
87	63	27 694	94,271	395,244	4,193	3,724
88	64	23 873	76,127	300,973	3,954	3,484
89	65	20 171	60,255	224,846	3,732	3,262
90	66	16 707	46,750	164,591	3,521	3,052
91	67	13 553	35,528	117,842	3,317	2,848
92	68	10 752	26,403	82,314	3,118	2,648
93	69	8 242	18,959	55,911	2,949	2,480
94	70	6 164	13,282	36,952	2,782	2,313
95	71	4 443	8,968	23,670	2,639	2,170
96	72	3 110	5,882	14,702	2,500	2,030
97	73	2 077	3,678	8,820	2,398	1,929
98	74	1 355	2,248	5,142	2,287	1,818
99	75	851	1,322	2,894	2,189	1,719
100	76	514	0,749	1,571	2,099	1,630

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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25	0	99 128	19 364,238	291 166,688	15,036	14,567
26	1	98 787	18 077,365	271 802,451	15,036	14,566
27	2	98 717	16 922,333	253 725,086	14,994	14,524
28	3	98 659	15 843,013	236 802,753	14,947	14,478
29	4	98 601	14 832,504	220 959,740	14,897	14,428
30	5	98 541	13 886,040	206 127,236	14,844	14,375
31	6	98 476	12 999,540	192 241,196	14,788	14,319
32	7	98 407	12 168,978	179 241,656	14,729	14,260
33	8	98 340	11 391,755	167 072,678	14,666	14,197
34	9	98 261	10 662,882	155 680,923	14,600	14,131
35	10	98 180	9 980,351	145 018,041	14,530	14,061
36	11	98 095	9 341,228	135 037,690	14,456	13,987
37	12	98 003	8 742,368	125 696,462	14,378	13,909
38	13	97 900	8 180,905	116 954,094	14,296	13,827
39	14	97 786	7 654,708	108 773,189	14,210	13,741
40	15	97 668	7 162,038	101 118,482	14,119	13,650
41	16	97 535	6 700,050	93 956,444	14,023	13,554
42	17	97 391	6 267,099	87 256,394	13,923	13,454
43	18	97 237	5 861,562	80 989,295	13,817	13,348
44	19	97 068	5 481,390	75 127,734	13,706	13,237
45	20	96 877	5 124,663	69 646,344	13,590	13,121
46	21	96 669	4 790,332	64 521,681	13,469	13,000
47	22	96 443	4 476,914	59 731,349	13,342	12,873
48	23	96 199	4 183,218	55 254,435	13,209	12,739
49	24	95 926	3 907,596	51 071,217	13,070	12,601
50	25	95 624	3 648,979	47 163,621	12,925	12,456
51	26	95 288	3 406,236	43 514,642	12,775	12,306
52	27	94 917	3 178,442	40 108,407	12,619	12,150
53	28	94 504	2 964,497	36 929,964	12,457	11,988
54	29	94 038	2 763,350	33 965,467	12,291	11,822
55	30	93 513	2 574,190	31 202,117	12,121	11,652
56	31	92 931	2 396,401	28 627,927	11,946	11,477
57	32	92 290	2 229,384	26 231,526	11,766	11,297
58	33	91 582	2 072,393	24 002,141	11,582	11,113
59	34	90 802	1 924,824	21 929,748	11,393	10,924
60	35	89 954	1 786,273	20 004,925	11,199	10,730
61	36	89 033	1 656,190	18 218,652	11,000	10,531
62	37	88 029	1 533,973	16 562,461	10,797	10,328
63	38	86 937	1 419,144	15 028,488	10,590	10,121
64	39	85 757	1 311,364	13 609,344	10,378	9,909
65	40	84 484	1 210,208	12 297,980	10,162	9,693
66	41	83 124	1 115,436	11 087,772	9,940	9,471
67	42	81 683	1 026,793	9 972,335	9,712	9,243
68	43	80 149	943,807	8 945,542	9,478	9,009
69	44	78 541	866,383	8 001,735	9,236	8,767
70	45	76 809	793,705	7 135,352	8,990	8,521
71	46	75 009	726,097	6 341,647	8,734	8,265
72	47	73 072	662,618	5 615,550	8,475	8,006
73	48	71 061	603,638	4 952,932	8,205	7,736
74	49	68 908	548,338	4 349,294	7,932	7,463
75	50	66 650	496,829	3 800,956	7,650	7,181
76	51	64 289	448,932	3 304,127	7,360	6,891
77	52	61 767	404,044	2 855,195	7,067	6,597
78	53	59 115	362,246	2 451,151	6,767	6,297
79	54	56 282	323,079	2 088,905	6,466	5,996
80	55	53 287	286,546	1 765,826	6,162	5,693
81	56	50 118	252,460	1 479,281	5,859	5,390
82	57	46 716	220,443	1 226,821	5,565	5,096
83	58	43 152	190,749	1 006,378	5,276	4,807
84	59	39 464	163,417	815,629	4,991	4,522
85	60	35 665	138,347	652,211	4,714	4,245
86	61	31 763	115,420	513,864	4,452	3,983
87	62	27 865	94,853	398,444	4,201	3,732
88	63	24 035	76,644	303,591	3,961	3,492
89	64	20 323	60,709	226,947	3,738	3,269
90	65	16 841	47,125	166,238	3,528	3,058
91	66	13 673	35,842	119,113	3,323	2,854
92	67	10 855	26,656	83,271	3,124	2,655
93	68	8 329	19,159	56,615	2,955	2,486
94	69	6 236	13,437	37,455	2,788	2,318
95	70	4 499	9,082	24,019	2,645	2,175
96	71	3 154	5,964	14,936	2,505	2,035
97	72	2 108	3,734	8,973	2,403	1,934
98	73	1 378	2,286	5,239	2,292	1,823
99	74	866	1,346	2,953	2,194	1,725
100	75	524	0,763	1,607	2,105	1,636

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	1 499 656,472	14,997	14,527
1	1	99 344	92 845,149	1 399 656,472	15,075	14,606
2	2	99 292	86 725,675	1 306 811,323	15,068	14,599
3	3	99 264	81 029,312	1 220 085,648	15,057	14,588
4	4	99 243	75 712,271	1 139 056,336	15,045	14,575
5	5	99 223	70 744,823	1 063 344,065	15,031	14,561
6	6	99 204	66 104,126	992 599,242	15,016	14,546
7	7	99 187	61 768,476	926 495,116	14,999	14,530
8	8	99 174	57 719,894	864 726,639	14,981	14,512
9	9	99 158	53 935,454	807 006,745	14,962	14,493
10	10	99 144	50 399,850	753 071,291	14,942	14,472
11	11	99 130	47 096,177	702 671,441	14,920	14,450
12	12	99 115	44 008,308	655 575,264	14,897	14,427
13	13	99 101	41 123,199	611 566,956	14,872	14,402
14	14	99 082	38 425,591	570 443,756	14,845	14,376
15	15	99 059	35 903,584	532 018,165	14,818	14,348
16	16	99 031	33 545,306	496 114,581	14,789	14,320
17	17	98 992	31 338,379	462 569,275	14,760	14,291
18	18	98 951	29 276,171	431 230,896	14,730	14,260
19	19	98 894	27 345,035	401 954,724	14,699	14,230
20	20	98 837	25 541,480	374 609,689	14,667	14,197
21	21	98 777	23 855,822	349 068,210	14,632	14,163
22	22	98 720	22 282,451	325 212,388	14,595	14,125
23	23	98 659	20 811,884	302 929,937	14,556	14,086
24	24	98 601	19 438,894	282 118,053	14,513	14,044
25	25	98 537	18 155,297	262 679,159	14,468	13,999
26	26	98 475	16 956,910	244 523,862	14,420	13,951
27	27	98 411	15 837,327	227 566,952	14,369	13,900
28	28	98 344	14 791,221	211 729,625	14,315	13,845
29	29	98 274	13 813,613	196 938,404	14,257	13,787
30	30	98 197	12 899,845	183 124,791	14,196	13,726
31	31	98 111	12 045,341	170 224,947	14,132	13,663
32	32	98 019	11 246,862	158 179,606	14,064	13,595
33	33	97 924	10 500,823	146 932,744	13,992	13,523
34	34	97 817	9 803,139	136 431,921	13,917	13,448
35	35	97 702	9 151,045	126 628,783	13,838	13,368
36	36	97 583	8 541,995	117 477,738	13,753	13,283
37	37	97 455	7 972,655	108 935,743	13,664	13,194
38	38	97 313	7 440,245	100 963,088	13,570	13,100
39	39	97 150	6 941,886	93 522,843	13,472	13,003
40	40	96 984	6 476,621	86 580,957	13,368	12,899
41	41	96 797	6 041,279	80 104,336	13,259	12,790
42	42	96 597	5 634,351	74 063,057	13,145	12,675
43	43	96 381	5 253,988	68 428,706	13,024	12,555
44	44	96 145	4 898,257	63 174,718	12,897	12,428
45	45	95 879	4 565,144	58 276,462	12,766	12,296
46	46	95 581	4 253,227	53 711,318	12,628	12,159
47	47	95 257	3 961,487	49 458,091	12,485	12,015
48	48	94 901	3 688,496	45 496,604	12,335	11,865
49	49	94 498	3 432,558	41 808,108	12,180	11,710
50	50	94 053	3 192,875	38 375,550	12,019	11,550
51	51	93 566	2 968,565	35 182,675	11,852	11,382
52	52	93 020	2 758,166	32 214,110	11,680	11,210
53	53	92 419	2 561,063	29 455,944	11,501	11,032
54	54	91 749	2 376,157	26 894,881	11,319	10,849
55	55	90 997	2 202,520	24 518,724	11,132	10,663
56	56	90 166	2 039,619	22 316,204	10,941	10,472
57	57	89 251	1 886,855	20 276,585	10,746	10,277
58	58	88 249	1 743,617	18 389,729	10,547	10,077
59	59	87 149	1 609,228	16 646,112	10,344	9,875
60	60	85 963	1 483,495	15 036,885	10,136	9,667
61	61	84 669	1 365,571	13 553,389	9,925	9,456
62	62	83 277	1 255,246	12 187,818	9,710	9,240
63	63	81 777	1 152,008	10 932,573	9,490	9,021
64	64	80 171	1 055,498	9 780,565	9,266	8,797
65	65	78 438	965,121	8 725,067	9,040	8,571
66	66	76 613	880,994	7 759,946	8,808	8,339
67	67	74 681	802,592	6 878,951	8,571	8,101
68	68	72 641	729,603	6 076,359	8,328	7,859
69	69	70 502	661,794	5 346,756	8,079	7,610
70	70	68 217	598,453	4 684,962	7,828	7,359
71	71	65 856	539,939	4 086,509	7,568	7,099
72	72	63 353	485,439	3 546,570	7,306	6,836
73	73	60 780	435,257	3 061,131	7,033	6,563
74	74	58 064	388,603	2 625,874	6,757	6,288
75	75	55 255	345,612	2 237,271	6,473	6,004
76	76	52 370	306,139	1 891,659	6,179	5,710
77	77	49 336	269,535	1 585,520	5,882	5,413
78	78	46 202	235,900	1 315,985	5,579	5,109
79	79	42 891	204,666	1 080,085	5,277	4,808
80	80	39 447	175,918	875,419	4,976	4,507
81	81	35 864	149,477	699,501	4,680	4,210
82	82	32 118	125,106	550,024	4,396	3,927
83	83	28 314	103,073	424,918	4,123	3,653
84	84	24 532	83,464	321,845	3,856	3,387
85	85	20 824	66,213	238,381	3,600	3,131
86	86	17 225	51,186	172,168	3,364	2,894
87	87	13 872	38,527	120,982	3,140	2,671
88	88	10 836	28,126	82,456	2,932	2,462
89	89	8 172	19,822	54,329	2,741	2,271
90	90	5 939	13,463	34,507	2,563	2,094
91	91	4 144	8,779	21,044	2,397	1,927
92	92	2 762	5,470	12,264	2,242	1,773
93	93	1 739	3,217	6,795	2,112	1,642
94	94	1 041	1,800	3,577	1,988	1,518
95	95	585	0,945	1,778	1,881	1,411
96	96	310	0,469	0,832	1,777	1,307
97	97	150	0,212	0,364	1,717	1,247
98	98	70	0,092	0,152	1,649	1,179
99	99	31	0,038	0,060	1,582	1,112
100	100	13	0,014	0,022	1,523	1,054

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 699	99 699,466	1 498 845,062	15,034	14,564	50	51	93 878	3 186,958	38 104,916	11,957	11,487
1	2	99 320	92 822,129	1 399 145,596	15,073	14,604	51	52	93 366	2 962,204	34 917,957	11,788	11,318
2	3	99 280	86 714,901	1 306 323,466	15,065	14,595	52	53	92 803	2 751,732	31 955,753	11,613	11,143
3	4	99 254	81 020,956	1 219 608,565	15,053	14,583	53	54	92 182	2 554,487	29 204,022	11,432	10,963
4	5	99 234	75 705,026	1 138 587,609	15,040	14,570	54	55	91 483	2 369,293	26 649,535	11,248	10,778
5	6	99 214	70 738,521	1 062 882,583	15,026	14,556	55	56	90 702	2 195,372	24 280,242	11,060	10,590
6	7	99 196	66 098,279	992 144,062	15,010	14,541	56	57	89 843	2 032,323	22 084,870	10,867	10,397
7	8	99 182	61 765,607	926 045,784	14,993	14,523	57	58	88 901	1 879,451	20 052,547	10,669	10,200
8	9	99 167	57 715,872	864 280,177	14,975	14,505	58	59	87 865	1 736,034	18 173,095	10,468	9,999
9	10	99 152	53 932,155	806 564,305	14,955	14,486	59	60	86 738	1 601,654	16 437,062	10,263	9,793
10	11	99 138	50 396,902	752 632,150	14,934	14,465	60	61	85 510	1 475,668	14 835,408	10,053	9,584
11	12	99 123	47 092,535	702 235,248	14,912	14,442	61	62	84 188	1 357,806	13 359,739	9,839	9,370
12	13	99 107	44 004,853	655 142,713	14,888	14,418	62	63	82 766	1 247,545	12 001,933	9,620	9,151
13	14	99 091	41 119,325	611 137,860	14,863	14,393	63	64	81 226	1 144,233	10 754,388	9,399	8,929
14	15	99 073	38 422,048	570 018,535	14,836	14,366	64	65	79 572	1 047,611	9 610,155	9,173	8,704
15	16	99 047	35 899,216	531 596,487	14,808	14,339	65	66	77 813	957,429	8 562,544	8,943	8,474
16	17	99 017	33 540,366	495 697,271	14,779	14,310	66	67	75 942	873,275	7 605,115	8,709	8,239
17	18	98 979	31 334,112	462 156,905	14,749	14,280	67	68	73 972	794,982	6 731,840	8,468	7,998
18	19	98 932	29 270,403	430 822,793	14,719	14,249	68	69	71 881	721,967	5 936,859	8,223	7,754
19	20	98 877	27 340,255	401 552,389	14,687	14,218	69	70	69 688	654,147	5 214,891	7,972	7,503
20	21	98 819	25 536,757	374 212,134	14,654	14,184	70	71	67 358	590,914	4 560,744	7,718	7,249
21	22	98 760	23 851,888	348 675,376	14,618	14,149	71	72	64 953	532,541	3 969,831	7,455	6,985
22	23	98 704	22 278,823	324 823,488	14,580	14,110	72	73	62 414	478,248	3 437,290	7,187	6,718
23	24	98 642	20 808,139	302 544,665	14,540	14,070	73	74	59 782	428,112	2 959,042	6,912	6,442
24	25	98 583	19 435,396	281 736,526	14,496	14,027	74	75	57 028	381,669	2 530,930	6,631	6,162
25	26	98 518	18 151,843	262 301,130	14,450	13,981	75	76	54 192	338,965	2 149,261	6,341	5,871
26	27	98 456	16 953,719	244 149,287	14,401	13,931	76	77	51 241	299,537	1 810,296	6,044	5,574
27	28	98 390	15 833,919	227 195,568	14,349	13,879	77	78	48 162	263,121	1 510,759	5,742	5,272
28	29	98 321	14 787,735	211 361,649	14,293	13,824	78	79	44 934	229,425	1 247,638	5,438	4,969
29	30	98 248	13 810,038	196 573,913	14,234	13,765	79	80	41 544	198,237	1 018,213	5,136	4,667
30	31	98 166	12 895,754	182 763,875	14,172	13,703	80	81	38 009	169,504	819,976	4,838	4,368
31	32	98 080	12 041,558	169 868,121	14,107	13,637	81	82	34 334	143,098	650,472	4,546	4,076
32	33	97 986	11 243,008	157 826,563	14,038	13,568	82	83	30 532	118,929	507,374	4,266	3,797
33	34	97 888	10 497,039	146 583,555	13,964	13,495	83	84	26 708	97,227	388,445	3,995	3,526
34	35	97 777	9 799,159	136 086,516	13,888	13,418	84	85	22 934	78,025	291,218	3,732	3,263
35	36	97 662	9 147,273	126 287,357	13,806	13,336	85	86	19 239	61,172	213,193	3,485	3,016
36	37	97 539	8 538,079	117 140,084	13,720	13,250	86	87	15 723	46,723	152,020	3,254	2,784
37	38	97 408	7 968,870	108 602,005	13,628	13,159	87	88	12 486	34,676	105,297	3,037	2,567
38	39	97 254	7 435,757	100 633,135	13,534	13,064	88	89	9 599	24,914	70,621	2,835	2,365
39	40	97 092	6 937,713	93 197,378	13,433	12,964	89	90	7 113	17,255	45,706	2,649	2,179
40	41	96 917	6 472,180	86 259,665	13,328	12,858	90	91	5 063	11,478	28,452	2,479	2,009
41	42	96 726	6 036,807	79 787,486	13,217	12,747	91	92	3 449	7,308	16,974	2,323	1,853
42	43	96 520	5 629,878	73 750,678	13,100	12,630	92	93	2 244	4,444	9,666	2,175	1,706
43	44	96 293	5 249,217	68 120,800	12,977	12,508	93	94	1 375	2,545	5,222	2,052	1,582
44	45	96 052	4 893,503	62 871,583	12,848	12,378	94	95	801	1,385	2,677	1,932	1,463
45	46	95 769	4 559,884	57 978,080	12,715	12,245	95	96	437	0,706	1,292	1,829	1,359
46	47	95 465	4 248,048	53 418,196	12,575	12,105	96	97	222	0,335	0,585	1,749	1,280
47	48	95 126	3 956,058	49 170,148	12,429	11,960	97	98	105	0,149	0,251	1,688	1,218
48	49	94 750	3 682,616	45 214,090	12,278	11,808	98	99	48	0,063	0,102	1,615	1,145
49	50	94 333	3 426,558	41 531,473	12,120	11,651	99	100	20	0,025	0,039	1,552	1,082

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 675	99 674,746	1 498 287,784	15,032	14,562	50	52	93 677	3 180,130	37 811,298	11,890	11,420
1	3	99 307	92 810,598	1 398 613,038	15,070	14,600	51	53	93 148	2 955,293	34 631,169	11,718	11,249
2	4	99 270	86 705,958	1 305 802,439	15,060	14,591	52	54	92 565	2 744,666	31 675,876	11,541	11,071
3	5	99 245	81 013,203	1 219 096,481	15,048	14,579	53	55	91 915	2 547,108	28 931,209	11,358	10,889
4	6	99 225	75 698,282	1 138 083,278	15,034	14,565	54	56	91 187	2 361,603	26 384,102	11,172	10,703
5	7	99 206	70 732,264	1 062 384,995	15,020	14,550	55	57	90 377	2 187,520	24 022,498	10,982	10,512
6	8	99 191	66 095,208	991 652,732	15,003	14,534	56	58	89 490	2 024,348	21 834,979	10,786	10,317
7	9	99 175	61 761,303	925 557,524	14,986	14,517	57	59	88 514	1 871,277	19 810,631	10,587	10,117
8	10	99 161	57 712,341	863 796,221	14,967	14,498	58	60	87 452	1 727,863	17 939,354	10,382	9,913
9	11	99 146	53 929,000	806 083,880	14,947	14,478	59	61	86 281	1 593,204	16 211,491	10,175	9,706
10	12	99 131	50 393,005	752 154,879	14,926	14,456	60	62	85 024	1 467,278	14 618,287	9,963	9,493
11	13	99 115	47 088,837	701 761,874	14,903	14,433	61	63	83 671	1 349,477	13 151,009	9,745	9,276
12	14	99 098	44 000,707	654 673,038	14,879	14,409	62	64	82 207	1 239,126	11 801,532	9,524	9,055
13	15	99 082	41 115,534	610 672,331	14,853	14,383	63	65	80 619	1 135,682	10 562,406	9,300	8,831
14	16	99 061	38 417,373	569 556,797	14,826	14,356	64	66	78 938	1 039,261	9 426,724	9,071	8,601
15	17	99 032	35 893,930	531 139,424	14,797	14,328	65	67	77 131	949,040	8 387,463	8,838	8,368
16	18	99 003	33 535,799	495 245,494	14,768	14,298	66	68	75 222	864,995	7 438,424	8,599	8,130
17	19	98 959	31 327,939	461 709,694	14,738	14,268	67	69	73 198	786,662	6 573,429	8,356	7,887
18	20	98 915	29 265,287	430 381,756	14,706	14,237	68	70	71 050	713,625	5 786,767	8,109	7,639
19	21	98 859	27 335,201	401 116,468	14,674	14,204	69	71	68 810	645,906	5 073,142	7,854	7,385
20	22	98 803	25 532,547	373 781,268	14,639	14,170	70	72	66 435	582,817	4 427,237	7,596	7,127
21	23	98 744	23 848,005	348 248,721	14,603	14,133	71	73	63 991	524,652	3 844,420	7,328	6,858
22	24	98 686	22 274,814	324 400,716	14,564	14,094	72	74	61 390	470,397	3 319,768	7,057	6,588
23	25	98 624	20 804,394	302 125,902	14,522	14,053	73	75	58 716	420,473	2 849,371	6,777	6,307
24	26	98 565	19 431,699	281 321,508	14,477	14,008	74	76	55 931	374,329	2 428,898	6,489	6,019
25	27	98 499	18 148,427	261 889,808	14,430	13,961	75	77	53 024	331,655	2 054,569	6,195	5,725
26	28	98 435	16 950,071	243 741,381	14,380	13,910	76	78	50 022	292,409	1 722,914	5,892	5,423
27	29	98 367	15 830,188	226 791,311	14,327	13,857	77	79	46 840	255,899	1 430,505	5,590	5,121
28	30	98 296	14 783,909	210 961,123	14,270	13,800	78	80	43 522	222,218	1 174,606	5,286	4,816
29	31	98 217	13 805,658	196 177,214	14,210	13,740	79	81	40 029	191,009	952,388	4,986	4,517
30	32	98 135	12 891,705	182 371,556	14,146	13,677	80	82	36 387	162,271	761,379	4,692	4,223
31	33	98 046	12 037,433	169 479,851	14,079	13,610	81	83	32 638	136,032	599,109	4,404	3,935
32	34	97 951	11 238,957	157 442,418	14,009	13,539	82	84	28 801	112,184	463,077	4,128	3,658
33	35	97 849	10 492,777	146 203,461	13,934	13,464	83	85	24 968	90,892	350,893	3,861	3,391
34	36	97 737	9 795,120	135 710,684	13,855	13,385	84	86	21 188	72,086	260,001	3,607	3,137
35	37	97 617	9 143,079	125 915,564	13,772	13,302	85	87	17 561	55,839	187,915	3,365	2,896
36	38	97 492	8 534,026	116 772,485	13,683	13,214	86	88	14 152	42,054	132,076	3,141	2,671
37	39	97 350	7 964,063	108 238,459	13,591	13,121	87	89	11 060	30,716	90,022	2,931	2,461
38	40	97 196	7 431,287	100 274,395	13,494	13,024	88	90	8 356	21,688	59,306	2,735	2,265
39	41	97 025	6 932,955	92 843,109	13,392	12,922	89	91	6 064	14,710	37,619	2,557	2,088
40	42	96 846	6 467,389	85 910,153	13,284	12,814	90	92	4 214	9,554	22,909	2,398	1,928
41	43	96 649	6 032,015	79 442,765	13,170	12,701	91	93	2 802	5,937	13,355	2,249	1,780
42	44	96 432	5 624,766	73 410,749	13,051	12,582	92	94	1 775	3,516	7,418	2,110	1,640
43	45	96 200	5 244,122	67 785,983	12,926	12,457	93	95	1 059	1,959	3,902	1,992	1,522
44	46	95 941	4 887,864	62 541,861	12,795	12,326	94	96	599	1,035	1,943	1,877	1,407
45	47	95 652	4 554,332	57 653,997	12,659	12,190	95	97	312	0,504	0,908	1,799	1,329
46	48	95 334	4 242,227	53 099,664	12,517	12,047	96	98	155	0,235	0,403	1,718	1,249
47	49	94 975	3 949,752	48 857,437	12,370	11,900	97	99	72	0,102	0,168	1,651	1,181
48	50	94 584	3 676,179	44 907,685	12,216	11,746	98	100	32	0,042	0,066	1,583	1,113
49	51	94 158	3 420,208	41 231,506	12,055	11,586							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 662	99 662,364	1 497 706,847	15,028	14,558
1	4	99 297	92 801,027	1 398 044,483	15,065	14,595
2	5	99 260	86 697,662	1 305 243,456	15,055	14,586
3	6	99 236	81 005,987	1 218 545,794	15,043	14,573
4	7	99 216	75 691,586	1 137 539,807	15,029	14,559
5	8	99 201	70 728,978	1 061 848,221	15,013	14,543
6	9	99 184	66 090,602	991 119,243	14,996	14,527
7	10	99 169	61 757,525	925 028,641	14,978	14,509
8	11	99 155	57 708,965	863 271,117	14,959	14,490
9	12	99 139	53 924,830	805 562,151	14,939	14,469
10	13	99 123	50 389,048	751 637,321	14,917	14,447
11	14	99 106	47 084,400	701 248,273	14,893	14,424
12	15	99 089	43 996,650	654 163,873	14,868	14,399
13	16	99 070	41 110,531	610 167,223	14,842	14,373
14	17	99 046	38 411,716	569 056,692	14,815	14,345
15	18	99 019	35 889,043	530 644,975	14,786	14,316
16	19	98 984	33 529,192	494 755,933	14,756	14,286
17	20	98 942	31 322,463	461 226,740	14,725	14,256
18	21	98 896	29 259,877	429 904,277	14,693	14,223
19	22	98 842	27 330,693	400 644,401	14,659	14,190
20	23	98 787	25 528,390	373 313,707	14,623	14,154
21	24	98 726	23 843,713	347 785,318	14,586	14,117
22	25	98 669	22 270,806	323 941,604	14,546	14,076
23	26	98 605	20 800,437	301 670,799	14,503	14,034
24	27	98 546	19 428,042	280 870,362	14,457	13,987
25	28	98 478	18 144,522	261 442,319	14,409	13,939
26	29	98 412	16 946,077	243 297,798	14,357	13,888
27	30	98 341	15 826,091	226 351,721	14,302	13,833
28	31	98 265	14 779,220	210 525,630	14,245	13,775
29	32	98 186	13 801,324	195 746,409	14,183	13,714
30	33	98 101	12 887,288	181 945,086	14,118	13,649
31	34	98 011	12 033,095	169 057,798	14,049	13,580
32	35	97 911	11 234,394	157 024,703	13,977	13,508
33	36	97 808	10 488,453	145 790,309	13,900	13,431
34	37	97 692	9 790,629	135 301,856	13,820	13,350
35	38	97 570	9 138,739	125 511,227	13,734	13,264
36	39	97 433	8 528,878	116 372,488	13,645	13,175
37	40	97 291	7 959,276	107 843,610	13,549	13,080
38	41	97 129	7 426,191	99 884,334	13,450	12,981
39	42	96 954	6 927,823	92 458,143	13,346	12,876
40	43	96 769	6 462,255	85 530,320	13,235	12,766
41	44	96 561	6 026,538	79 068,065	13,120	12,650
42	45	96 339	5 619,307	73 041,527	12,998	12,529
43	46	96 089	5 238,080	67 422,220	12,872	12,402
44	47	95 824	4 881,913	62 184,140	12,738	12,268
45	48	95 521	4 548,091	57 302,227	12,599	12,130
46	49	95 182	4 235,465	52 754,136	12,455	11,986
47	50	94 809	3 942,848	48 518,671	12,305	11,836
48	51	94 409	3 669,366	44 575,823	12,148	11,679
49	52	93 956	3 412,879	40 906,457	11,986	11,516
50	53	93 459	3 172,711	37 493,578	11,818	11,348
51	54	92 909	2 947,705	34 320,867	11,643	11,174
52	55	92 297	2 736,738	31 373,162	11,464	10,994
53	56	91 617	2 538,841	28 636,425	11,279	10,810
54	57	90 860	2 353,156	26 097,583	11,090	10,621
55	58	90 023	2 178,935	23 744,427	10,897	10,428
56	59	89 101	2 015,543	21 565,492	10,700	10,230
57	60	88 098	1 862,470	19 549,949	10,497	10,027
58	61	86 990	1 718,747	17 687,479	10,291	9,821
59	62	85 790	1 584,145	15 968,732	10,080	9,611
60	63	84 502	1 458,277	14 384,587	9,864	9,395
61	64	83 106	1 340,369	12 926,310	9,644	9,174
62	65	81 593	1 229,866	11 585,940	9,420	8,951
63	66	79 976	1 126,631	10 356,074	9,192	8,723
64	67	78 246	1 030,155	9 229,443	8,959	8,490
65	68	76 400	940,041	8 199,289	8,722	8,253
66	69	74 434	855,942	7 259,248	8,481	8,011
67	70	72 353	777,572	6 403,306	8,235	7,765
68	71	70 155	704,634	5 625,734	7,984	7,514
69	72	67 867	637,056	4 921,100	7,725	7,255
70	73	65 451	574,183	4 284,044	7,461	6,992
71	74	62 941	516,039	3 709,861	7,189	6,720
72	75	60 294	462,003	3 193,822	6,913	6,443
73	76	57 586	412,387	2 731,819	6,624	6,155
74	77	54 725	366,256	2 319,432	6,333	5,863
75	78	51 762	323,763	1 953,175	6,033	5,563
76	79	48 649	284,383	1 629,412	5,730	5,260
77	80	45 369	247,860	1 345,029	5,427	4,957
78	81	41 936	214,115	1 097,170	5,124	4,655
79	82	38 321	182,858	883,054	4,829	4,360
80	83	34 590	154,258	700,196	4,539	4,070
81	84	30 787	128,317	545,939	4,255	3,785
82	85	26 924	104,874	417,621	3,982	3,513
83	86	23 067	83,973	312,747	3,724	3,255
84	87	19 341	65,801	228,775	3,477	3,007
85	88	15 806	50,258	162,974	3,243	2,773
86	89	12 536	37,251	112,715	3,026	2,556
87	90	9 628	26,738	75,464	2,822	2,353
88	91	7 123	18,489	48,726	2,635	2,166
89	92	5 048	12,244	30,237	2,470	2,000
90	93	3 424	7,762	17,993	2,318	1,848
91	94	2 217	4,697	10,231	2,178	1,709
92	95	1 367	2,706	5,534	2,045	1,575
93	96	791	1,464	2,828	1,931	1,462
94	97	428	0,739	1,364	1,844	1,375
95	98	219	0,354	0,624	1,765	1,295
96	99	107	0,161	0,271	1,679	1,209
97	100	48	0,068	0,109	1,616	1,147

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 652	99 652,086	1 497 086,929	15,023	14,554
1	5	99 288	92 792,147	1 397 434,843	15,060	14,590
2	6	99 251	86 689,939	1 304 642,696	15,050	14,580
3	7	99 227	80 998,821	1 217 952,757	15,037	14,567
4	8	99 212	75 688,070	1 136 953,936	15,022	14,552
5	9	99 194	70 724,049	1 061 265,866	15,006	14,536
6	10	99 178	66 086,559	990 541,817	14,989	14,519
7	11	99 163	61 753,912	924 455,258	14,970	14,500
8	12	99 147	57 704,503	862 701,346	14,950	14,481
9	13	99 131	53 920,596	804 996,843	14,929	14,460
10	14	99 114	50 384,301	751 076,247	14,907	14,437
11	15	99 097	47 080,059	700 691,946	14,883	14,413
12	16	99 077	43 991,297	653 611,887	14,858	14,388
13	17	99 055	41 104,478	609 620,591	14,831	14,361
14	18	99 032	38 406,486	568 516,113	14,803	14,333
15	19	98 999	35 881,972	530 109,627	14,774	14,304
16	20	98 966	33 523,332	494 227,655	14,743	14,273
17	21	98 924	31 316,672	460 704,323	14,711	14,242
18	22	98 880	29 255,052	429 387,651	14,677	14,208
19	23	98 826	27 326,244	400 132,599	14,643	14,173
20	24	98 769	25 523,795	372 806,356	14,606	14,137
21	25	98 709	23 839,423	347 282,560	14,568	14,098
22	26	98 650	22 266,569	323 443,137	14,526	14,056
23	27	98 587	20 796,522	301 176,568	14,482	14,013
24	28	98 525	19 423,862	280 380,046	14,435	13,965
25	29	98 455	18 140,246	260 956,184	14,385	13,916
26	30	98 386	16 941,692	242 815,938	14,332	13,863
27	31	98 310	15 821,072	225 874,246	14,277	13,807
28	32	98 234	14 774,580	210 053,174	14,217	13,748
29	33	98 153	13 796,595	195 278,594	14,154	13,685
30	34	98 066	12 882,644	181 481,999	14,087	13,618
31	35	97 971	12 028,210	168 599,355	14,017	13,547
32	36	97 870	11 229,764	156 571,146	13,943	13,473
33	37	97 764	10 483,644	145 341,381	13,864	13,394
34	38	97 646	9 785,982	134 857,738	13,781	13,311
35	39	97 512	9 133,226	125 071,756	13,694	13,225
36	40	97 375	8 523,751	115 938,529	13,602	13,132
37	41	97 224	7 953,818	107 414,779	13,505	13,035
38	42	97 057	7 420,694	99 460,961	13,403	12,934
39	43	96 877	6 922,324	92 040,267	13,296	12,827
40	44	96 681	6 456,387	85 117,943	13,184	12,714
41	45	96 468	6 020,689	78 661,556	13,065	12,596
42	46	96 228	5 612,832	72 640,867	12,942	12,472
43	47	95 972	5 231,702	67 028,035	12,812	12,342
44	48	95 693	4 875,223	61 796,332	12,676	12,206
45	49	95 369	4 540,841	56 921,109	12,535	12,066
46	50	95 016	4 228,061	52 380,268	12,389	11,919
47	51	94 633	3 935,541	48 152,207	12,235	11,766
48	52	94 206	3 661,504	44 216,666	12,076	11,607
49	53	93 737	3 404,917	40 555,162	11,911	11,441
50	54	93 219	3 164,564	37 150,245	11,739	11,270
51	55	92 640	2 939,190	33 985,681	11,563	11,093
52	56	91 998	2 727,856	31 046,491	11,381	10,912
53	57	91 289	2 529,760	28 318,635	11,194	10,725
54	58	90 504	2 343,922	25 788,875	11,002	10,533
55	59	89 631	2 169,458	23 444,953	10,807	10,337
56	60	88 682	2 006,057	21 275,495	10,606	10,136
57	61	87 633	1 852,643	19 269,438	10,401	9,932
58	62	86 496	1 708,974	17 416,794	10,191	9,722
59	63	85 264	1 574,427	15 707,820	9,977	9,507
60	64	83 932	1 448,435	14 133,393	9,758	9,288
61	65	82 485	1 330,353	12 684,957	9,535	9,066
62	66	80 943	1 220,064	11 354,604	9,307	8,837
63	67	79 275	1 116,759	10 134,540	9,075	8,605
64	68	77 504	1 020,386	9 017,781	8,838	8,368
65	69	75 600	930,202	7 997,395	8,597	8,128
66	70	73 574	846,052	7 067,192	8,353	7,884
67	71	71 441	767,776	6 221,141	8,103	7,633
68	72	69 194	694,979	5 453,365	7,847	7,377
69	73	66 862	627,619	4 758,386	7,582	7,112
70	74	64 376	564,758	4 130,767	7,314	6,845
71	75	61 818	506,831	3 566,009	7,036	6,566
72	76	59 135	453,118	3 059,178	6,751	6,282
73	77	56 345	403,493	2 606,060	6,459	5,989
74	78	53 423	357,541	2 202,566	6,160	5,691
75	79	50 341	314,876	1 845,026	5,860	5,390
76	80	47 120	275,449	1 530,149	5,555	5,086
77	81	43 715	238,822	1 254,700	5,254	4,784
78	82	40 146	204,978	1 015,878	4,956	4,487
79	83	36 428	173,829	810,899	4,665	4,195
80	84	32 628	145,510	637,071	4,378	3,909
81	85	28 781	119,956	491,561	4,098	3,628
82	86	24 874	96,890	371,605	3,835	3,366
83	87	21 056	76,652	274,715	3,584	3,114
84	88	17 408	59,225	198,063	3,344	2,875
85	89	14 001	44,519	138,839	3,119	2,649
86	90	10 912	32,426	94,320	2,909	2,439
87	91	8 208	22,795	61,893	2,715	2,246
88	92	5 929	15,390	39,099	2,541	2,071
89	93	4 101	9,948	23,709	2,383	1,914
90	94	2 708	6,140	13,761	2,241	1,772
91	95	1 707	3,616	7,620	2,108	1,638
92	96	1 021	2,022	4,005	1,980	1,511
93	97	565	1,046	1,983	1,896	1,426
94	98	300	0,518	0,937	1,807	1,338
95	99	150	0,243	0,418	1,722	1,253
96	100	71	0,107	0,175	1,642	1,173

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 643	99 642,551	1 496 422,620	15,018	14,548
1	6	99 279	92 783,881	1 396 780,069	15,054	14,585
2	7	99 243	86 682,270	1 303 996,188	15,043	14,574
3	8	99 222	80 995,058	1 217 313,918	15,029	14,560
4	9	99 205	75 682,795	1 136 318,860	15,014	14,545
5	10	99 188	70 719,723	1 060 636,064	14,998	14,528
6	11	99 172	66 082,694	989 916,342	14,980	14,510
7	12	99 156	61 749,137	923 833,648	14,961	14,492
8	13	99 139	57 699,972	862 084,511	14,941	14,471
9	14	99 121	53 915,516	804 384,539	14,919	14,450
10	15	99 104	50 379,655	750 469,024	14,896	14,427
11	16	99 084	47 074,331	700 089,369	14,872	14,402
12	17	99 062	43 984,819	653 015,038	14,846	14,377
13	18	99 042	41 098,881	609 030,219	14,819	14,349
14	19	99 013	38 398,919	567 931,338	14,790	14,321
15	20	98 982	35 875,700	529 532,419	14,760	14,291
16	21	98 948	33 517,134	493 656,718	14,728	14,259
17	22	98 907	31 311,508	460 139,584	14,696	14,226
18	23	98 864	29 250,289	428 828,076	14,661	14,191
19	24	98 808	27 321,326	399 577,788	14,625	14,156
20	25	98 751	25 519,203	372 256,462	14,587	14,118
21	26	98 690	23 834,888	346 737,259	14,547	14,078
22	27	98 631	22 262,379	322 902,371	14,504	14,035
23	28	98 565	20 792,047	300 639,992	14,459	13,990
24	29	98 502	19 419,285	279 847,945	14,411	13,941
25	30	98 429	18 135,552	260 428,660	14,360	13,891
26	31	98 355	16 936,319	242 293,108	14,306	13,837
27	32	98 279	15 816,105	225 356,789	14,249	13,779
28	33	98 200	14 769,517	209 540,685	14,187	13,718
29	34	98 117	13 791,623	194 771,167	14,122	13,653
30	35	98 026	12 877,414	180 979,544	14,054	13,585
31	36	97 931	12 023,252	168 102,130	13,981	13,512
32	37	97 826	11 224,615	156 078,878	13,905	13,436
33	38	97 717	10 478,668	144 854,262	13,824	13,354
34	39	97 587	9 780,078	134 375,595	13,740	13,270
35	40	97 453	9 127,736	124 595,516	13,650	13,181
36	41	97 308	8 517,906	115 467,780	13,556	13,086
37	42	97 152	7 947,930	106 949,874	13,456	12,987
38	43	96 980	7 414,804	99 001,944	13,352	12,882
39	44	96 789	6 916,038	91 587,140	13,243	12,773
40	45	96 587	6 450,121	84 671,102	13,127	12,658
41	46	96 356	6 013,752	78 220,982	13,007	12,538
42	47	96 111	5 605,998	72 207,230	12,880	12,411
43	48	95 841	5 224,533	66 601,232	12,748	12,278
44	49	95 541	4 867,452	61 376,698	12,610	12,140
45	50	95 202	4 532,904	56 509,246	12,466	11,997
46	51	94 840	4 220,225	51 976,343	12,316	11,846
47	52	94 430	3 927,108	47 756,117	12,161	11,691
48	53	93 987	3 652,962	43 829,009	11,998	11,529
49	54	93 496	3 396,174	40 176,047	11,830	11,360
50	55	92 949	3 155,423	36 779,873	11,656	11,187
51	56	92 340	2 929,651	33 624,450	11,477	11,008
52	57	91 669	2 718,098	30 694,799	11,293	10,823
53	58	90 931	2 519,833	27 976,701	11,103	10,633
54	59	90 110	2 333,727	25 456,868	10,908	10,439
55	60	89 209	2 159,248	23 123,141	10,709	10,239
56	61	88 214	1 995,473	20 963,893	10,506	10,036
57	62	87 135	1 842,110	18 968,419	10,297	9,828
58	63	85 965	1 698,491	17 126,310	10,083	9,614
59	64	84 689	1 563,802	15 427,819	9,866	9,396
60	65	83 304	1 437,612	13 864,017	9,644	9,174
61	66	81 828	1 319,750	12 426,406	9,416	8,946
62	67	80 233	1 209,373	11 106,656	9,184	8,714
63	68	78 524	1 106,170	9 897,283	8,947	8,478
64	69	76 693	1 009,707	8 791,113	8,707	8,237
65	70	74 727	919,454	7 781,406	8,463	7,994
66	71	72 647	835,392	6 861,951	8,214	7,745
67	72	70 462	757,256	6 026,559	7,958	7,489
68	73	68 169	684,684	5 269,303	7,696	7,226
69	74	65 764	617,316	4 584,619	7,427	6,957
70	75	63 228	554,681	3 967,303	7,152	6,683
71	76	60 629	497,084	3 412,623	6,865	6,396
72	77	57 860	443,346	2 915,538	6,576	6,107
73	78	55 004	393,891	2 472,192	6,276	5,807
74	79	51 956	347,727	2 078,301	5,977	5,507
75	80	48 760	304,985	1 730,574	5,674	5,205
76	81	45 402	265,406	1 425,589	5,371	4,902
77	82	41 849	228,631	1 160,183	5,074	4,605
78	83	38 164	194,857	931,552	4,781	4,311
79	84	34 362	163,970	736,695	4,493	4,023
80	85	30 502	136,028	572,725	4,210	3,741
81	86	26 590	110,824	436,697	3,940	3,471
82	87	22 706	88,443	325,873	3,685	3,215
83	88	18 952	68,991	237,429	3,441	2,972
84	89	15 420	52,461	168,439	3,211	2,741
85	90	12 188	38,753	115,977	2,993	2,523
86	91	9 303	27,644	77,225	2,794	2,324
87	92	6 832	18,973	49,580	2,613	2,144
88	93	4 818	12,504	30,607	2,448	1,978
89	94	3 244	7,869	18,103	2,300	1,831
90	95	2 085	4,727	10,233	2,165	1,695
91	96	1 275	2,702	5,506	2,038	1,569
92	97	730	1,445	2,805	1,942	1,472
93	98	396	0,733	1,360	1,855	1,386
94	99	206	0,356	0,627	1,761	1,292
95	100	100	0,161	0,271	1,683	1,213

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 634	99 633,675	1 495 709,630	15,012	14,543
1	7	99 270	92 775,674	1 396 075,955	15,048	14,578
2	8	99 238	86 678,243	1 303 300,282	15,036	14,567
3	9	99 216	80 989,414	1 216 622,038	15,022	14,552
4	10	99 199	75 678,166	1 135 632,624	15,006	14,537
5	11	99 182	70 715,586	1 059 954,459	14,989	14,519
6	12	99 165	66 077,584	989 238,873	14,971	14,501
7	13	99 148	61 744,288	923 161,289	14,951	14,482
8	14	99 130	57 694,536	861 417,001	14,931	14,461
9	15	99 112	53 910,544	803 722,465	14,908	14,439
10	16	99 092	50 373,525	749 811,921	14,885	14,416
11	17	99 070	47 067,399	699 438,396	14,860	14,391
12	18	99 049	43 978,830	652 370,996	14,834	14,364
13	19	99 022	41 090,784	608 392,166	14,806	14,337
14	20	98 996	38 392,208	567 301,383	14,776	14,307
15	21	98 964	35 869,068	528 909,175	14,746	14,276
16	22	98 932	33 511,607	493 040,108	14,713	14,243
17	23	98 891	31 306,410	459 528,501	14,678	14,209
18	24	98 846	29 245,025	428 222,090	14,643	14,173
19	25	98 791	27 316,410	398 977,065	14,606	14,136
20	26	98 732	25 514,348	371 660,656	14,567	14,097
21	27	98 671	23 830,403	346 146,307	14,525	14,056
22	28	98 610	22 257,588	322 315,905	14,481	14,012
23	29	98 542	20 787,148	300 058,317	14,435	13,965
24	30	98 476	19 414,260	279 271,169	14,385	13,915
25	31	98 398	18 129,801	259 856,909	14,333	13,864
26	32	98 324	16 931,001	241 727,109	14,277	13,808
27	33	98 246	15 810,686	224 796,108	14,218	13,748
28	34	98 165	14 764,196	208 985,422	14,155	13,685
29	35	98 077	13 786,024	194 221,226	14,088	13,619
30	36	97 986	12 872,106	180 435,202	14,018	13,548
31	37	97 886	12 017,740	167 563,096	13,943	13,473
32	38	97 779	11 219,287	155 545,356	13,864	13,395
33	39	97 658	10 472,346	144 326,069	13,782	13,312
34	40	97 528	9 774,199	133 853,722	13,695	13,225
35	41	97 386	9 121,477	124 079,523	13,603	13,133
36	42	97 236	8 511,601	114 958,046	13,506	13,037
37	43	97 075	7 941,621	106 446,445	13,404	12,934
38	44	96 892	7 408,070	98 504,824	13,297	12,827
39	45	96 695	6 909,326	91 096,754	13,185	12,715
40	46	96 476	6 442,689	84 187,428	13,067	12,598
41	47	96 239	6 006,430	77 744,739	12,944	12,474
42	48	95 979	5 598,317	71 738,310	12,814	12,345
43	49	95 688	5 216,205	66 139,993	12,680	12,210
44	50	95 374	4 858,943	60 923,788	12,538	12,069
45	51	95 026	4 524,503	56 064,845	12,391	11,922
46	52	94 636	4 211,183	51 540,341	12,239	11,769
47	53	94 210	3 917,946	47 329,159	12,080	11,611
48	54	93 745	3 643,582	43 411,212	11,914	11,445
49	55	93 226	3 386,364	39 767,630	11,743	11,274
50	56	92 648	3 145,182	36 381,266	11,567	11,098
51	57	92 009	2 919,172	33 236,084	11,385	10,916
52	58	91 309	2 707,432	30 316,912	11,198	10,728
53	59	90 536	2 508,873	27 609,480	11,005	10,535
54	60	89 686	2 322,744	25 100,607	10,806	10,337
55	61	88 739	2 147,856	22 777,864	10,605	10,135
56	62	87 712	1 984,127	20 630,008	10,398	9,928
57	63	86 600	1 830,809	18 645,880	10,185	9,715
58	64	85 385	1 687,028	16 815,071	9,967	9,498
59	65	84 056	1 552,116	15 128,043	9,747	9,277
60	66	82 640	1 426,153	13 575,927	9,519	9,050
61	67	81 111	1 308,186	12 149,774	9,287	8,818
62	68	79 473	1 197,906	10 841,588	9,050	8,581
63	69	77 702	1 094,593	9 643,682	8,810	8,341
64	70	75 807	998,041	8 549,089	8,566	8,096
65	71	73 785	907,870	7 551,049	8,317	7,848
66	72	71 652	823,946	6 643,179	8,063	7,593
67	73	69 418	746,038	5 819,232	7,800	7,331
68	74	67 050	673,444	5 073,194	7,533	7,064
69	75	64 591	606,301	4 399,750	7,257	6,787
70	76	62 012	544,013	3 793,449	6,973	6,504
71	77	59 321	486,364	3 249,436	6,681	6,212
72	78	56 483	432,796	2 763,072	6,384	5,915
73	79	53 494	383,080	2 330,275	6,083	5,613
74	80	50 324	336,803	1 947,195	5,781	5,312
75	81	46 982	293,865	1 610,392	5,480	5,011
76	82	43 465	254,080	1 316,528	5,182	4,712
77	83	39 783	217,341	1 062,448	4,888	4,419
78	84	35 999	183,806	845,106	4,598	4,128
79	85	32 123	153,286	661,300	4,314	3,845
80	86	28 180	125,673	508,014	4,042	3,573
81	87	24 272	101,163	382,342	3,779	3,310
82	88	20 436	79,604	281,179	3,532	3,063
83	89	16 787	61,112	201,575	3,298	2,829
84	90	13 423	45,667	140,463	3,076	2,606
85	91	10 390	33,038	94,797	2,869	2,400
86	92	7 743	23,010	61,759	2,684	2,214
87	93	5 551	15,416	38,749	2,514	2,044
88	94	3 811	9,891	23,333	2,359	1,890
89	95	2 497	6,058	13,442	2,219	1,749
90	96	1 558	3,532	7,384	2,091	1,621
91	97	911	1,930	3,852	1,996	1,526
92	98	511	1,013	1,922	1,898	1,428
93	99	272	0,504	0,909	1,806	1,336
94	100	136	0,236	0,406	1,719	1,249

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 625	99 624,861	1 494 943,500	15,006	14,536
1	8	99 265	92 771,364	1 395 318,639	15,040	14,571
2	9	99 231	86 672,203	1 302 547,275	15,028	14,559
3	10	99 209	80 984,460	1 215 875,072	15,014	14,544
4	11	99 193	75 673,739	1 134 890,612	14,997	14,528
5	12	99 175	70 710,118	1 059 216,873	14,980	14,510
6	13	99 157	66 072,395	988 506,756	14,961	14,491
7	14	99 138	61 738,471	922 434,361	14,941	14,471
8	15	99 121	57 689,216	860 695,890	14,920	14,450
9	16	99 100	53 903,985	803 006,674	14,897	14,427
10	17	99 078	50 366,108	749 102,689	14,873	14,404
11	18	99 056	47 060,990	698 736,581	14,847	14,378
12	19	99 029	43 970,166	651 675,590	14,821	14,351
13	20	99 005	41 083,601	607 705,425	14,792	14,322
14	21	98 977	38 385,110	566 621,823	14,762	14,292
15	22	98 948	35 863,153	528 236,714	14,729	14,260
16	23	98 916	33 506,151	492 373,561	14,695	14,226
17	24	98 873	31 300,776	458 867,410	14,660	14,190
18	25	98 828	29 239,762	427 566,633	14,623	14,153
19	26	98 772	27 311,214	398 326,871	14,585	14,115
20	27	98 714	25 509,547	371 015,658	14,544	14,075
21	28	98 650	23 825,275	345 506,111	14,502	14,032
22	29	98 587	22 252,343	321 680,836	14,456	13,987
23	30	98 517	20 781,769	299 428,493	14,408	13,939
24	31	98 445	19 408,103	278 646,724	14,357	13,888
25	32	98 367	18 124,108	259 238,621	14,304	13,834
26	33	98 291	16 925,200	241 114,513	14,246	13,776
27	34	98 210	15 804,988	224 189,314	14,185	13,715
28	35	98 125	14 758,201	208 384,325	14,120	13,650
29	36	98 037	13 780,342	193 626,124	14,051	13,581
30	37	97 941	12 866,205	179 845,781	13,978	13,509
31	38	97 839	12 012,035	166 979,577	13,901	13,432
32	39	97 720	11 212,519	154 967,541	13,821	13,351
33	40	97 599	10 466,051	143 755,022	13,735	13,266
34	41	97 461	9 767,497	133 288,971	13,646	13,177
35	42	97 314	9 114,725	123 521,474	13,552	13,082
36	43	97 159	8 504,844	114 406,749	13,452	12,982
37	44	96 987	7 934,410	105 901,905	13,347	12,878
38	45	96 798	7 400,880	97 967,495	13,237	12,768
39	46	96 583	6 901,365	90 566,615	13,123	12,653
40	47	96 358	6 434,844	83 665,250	13,002	12,532
41	48	96 107	5 998,199	77 230,405	12,876	12,406
42	49	95 826	5 589,393	71 232,206	12,744	12,275
43	50	95 521	5 207,087	65 642,814	12,606	12,137
44	51	95 197	4 849,939	60 435,727	12,461	11,992
45	52	94 822	4 514,809	55 585,788	12,312	11,842
46	53	94 416	4 201,358	51 070,980	12,156	11,686
47	54	93 968	3 907,886	46 869,621	11,994	11,524
48	55	93 475	3 633,057	42 961,735	11,825	11,356
49	56	92 924	3 375,374	39 328,678	11,652	11,182
50	57	92 316	3 133,932	35 953,304	11,472	11,003
51	58	91 648	2 907,717	32 819,373	11,287	10,817
52	59	90 912	2 695,656	29 911,656	11,096	10,627
53	60	90 109	2 497,065	27 216,000	10,899	10,430
54	61	89 213	2 310,489	24 718,934	10,699	10,229
55	62	88 234	2 135,643	22 408,445	10,493	10,023
56	63	87 174	1 971,956	20 272,802	10,281	9,811
57	64	86 016	1 818,453	18 300,846	10,064	9,594
58	65	84 747	1 674,421	16 482,393	9,844	9,374
59	66	83 386	1 539,745	14 807,971	9,617	9,148
60	67	81 916	1 413,657	13 268,227	9,386	8,916
61	68	80 342	1 295,782	11 854,570	9,149	8,679
62	69	78 641	1 185,369	10 558,788	8,908	8,438
63	70	76 804	1 081,945	9 373,419	8,663	8,194
64	71	74 852	985,467	8 291,474	8,414	7,944
65	72	72 774	895,431	7 306,007	8,159	7,690
66	73	70 591	811,741	6 410,576	7,897	7,428
67	74	68 279	733,791	5 598,836	7,630	7,161
68	75	65 854	661,428	4 865,045	7,355	6,886
69	76	63 348	594,641	4 203,617	7,069	6,600
70	77	60 674	532,281	3 608,976	6,780	6,311
71	78	57 910	474,790	3 076,695	6,480	6,011
72	79	54 932	420,917	2 601,905	6,182	5,712
73	80	51 814	371,046	2 180,988	5,878	5,408
74	81	48 489	324,523	1 809,942	5,577	5,108
75	82	44 977	281,324	1 485,419	5,280	4,811
76	83	41 319	241,534	1 204,095	4,985	4,516
77	84	37 526	205,016	962,561	4,695	4,226
78	85	33 653	171,829	757,545	4,409	3,939
79	86	29 678	141,617	585,717	4,136	3,666
80	87	25 723	114,717	444,100	3,871	3,402
81	88	21 846	91,052	329,383	3,618	3,148
82	89	18 102	70,513	238,332	3,380	2,910
83	90	14 613	53,197	167,819	3,155	2,685
84	91	11 443	38,932	114,622	2,944	2,475
85	92	8 649	27,499	75,690	2,752	2,283
86	93	6 291	18,696	48,191	2,578	2,108
87	94	4 391	12,194	29,495	2,419	1,949
88	95	2 934	7,614	17,301	2,272	1,803
89	96	1 866	4,527	9,686	2,140	1,670
90	97	1 113	2,523	5,159	2,045	1,575
91	98	639	1,353	2,636	1,949	1,479
92	99	351	0,696	1,283	1,845	1,375
93	100	180	0,334	0,588	1,760	1,291

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	8	99 620	99 620,233	1 494 120,155	14,998	14,529
1	9	99 258	92 764,899	1 394 499,922	15,033	14,563
2	10	99 225	86 666,901	1 301 735,023	15,020	14,550
3	11	99 204	80 979,723	1 215 068,121	15,005	14,535
4	12	99 185	75 667,887	1 134 088,399	14,988	14,518
5	13	99 167	70 704,565	1 058 420,512	14,970	14,500
6	14	99 148	66 066,170	987 715,946	14,950	14,481
7	15	99 129	61 732,778	921 649,776	14,930	14,460
8	16	99 109	57 682,197	859 916,998	14,908	14,438
9	17	99 086	53 896,048	802 234,801	14,885	14,415
10	18	99 064	50 359,250	748 338,753	14,860	14,390
11	19	99 037	47 051,719	697 979,503	14,834	14,365
12	20	99 012	43 962,480	650 927,785	14,806	14,337
13	21	98 987	41 076,006	606 965,305	14,777	14,307
14	22	98 961	38 378,780	565 889,299	14,745	14,275
15	23	98 931	35 857,314	527 510,519	14,711	14,242
16	24	98 898	33 500,121	491 653,205	14,676	14,207
17	25	98 856	31 295,144	458 153,083	14,640	14,170
18	26	98 810	29 234,200	426 857,939	14,601	14,132
19	27	98 753	27 306,074	397 623,739	14,562	14,092
20	28	98 693	25 504,057	370 317,665	14,520	14,050
21	29	98 627	23 819,660	344 813,608	14,476	14,006
22	30	98 561	22 246,585	320 993,948	14,429	13,959
23	31	98 485	20 775,178	298 747,362	14,380	13,911
24	32	98 414	19 402,009	277 972,184	14,327	13,857
25	33	98 334	18 117,898	258 570,175	14,272	13,802
26	34	98 255	16 919,101	240 452,277	14,212	13,742
27	35	98 170	15 798,572	223 533,176	14,149	13,679
28	36	98 084	14 752,119	207 734,605	14,082	13,612
29	37	97 992	13 774,024	192 982,486	14,011	13,541
30	38	97 894	12 860,097	179 208,461	13,935	13,466
31	39	97 780	12 004,789	166 348,364	13,857	13,387
32	40	97 661	11 205,779	154 343,575	13,774	13,304
33	41	97 533	10 458,874	143 137,796	13,686	13,216
34	42	97 389	9 760,267	132 678,921	13,594	13,124
35	43	97 237	9 107,490	122 918,655	13,496	13,027
36	44	97 071	8 497,121	113 811,165	13,394	12,925
37	45	96 893	7 926,709	105 314,043	13,286	12,816
38	46	96 687	7 392,353	97 387,334	13,174	12,705
39	47	96 466	6 892,962	89 994,982	13,056	12,587
40	48	96 226	6 426,027	83 102,020	12,932	12,463
41	49	95 954	5 988,638	76 675,993	12,804	12,334
42	50	95 658	5 579,622	70 687,355	12,669	12,199
43	51	95 344	5 197,437	65 107,733	12,527	12,057
44	52	94 993	4 839,547	59 910,296	12,379	11,910
45	53	94 601	4 504,276	55 070,749	12,226	11,757
46	54	94 173	4 190,570	50 566,474	12,067	11,597
47	55	93 696	3 896,598	46 375,903	11,902	11,432
48	56	93 171	3 621,266	42 479,305	11,731	11,261
49	57	92 591	3 363,300	38 858,039	11,554	11,084
50	58	91 954	3 121,634	35 494,739	11,371	10,901
51	59	91 250	2 895,070	32 373,106	11,182	10,713
52	60	90 484	2 682,970	29 478,036	10,987	10,518
53	61	89 634	2 483,891	26 795,066	10,788	10,318
54	62	88 706	2 297,352	24 311,175	10,582	10,113
55	63	87 693	2 122,543	22 013,823	10,371	9,902
56	64	86 586	1 958,647	19 891,281	10,156	9,686
57	65	85 373	1 804,865	17 932,634	9,936	9,466
58	66	84 071	1 661,075	16 127,769	9,709	9,240
59	67	82 655	1 526,253	14 466,694	9,479	9,009
60	68	81 140	1 400,252	12 940,440	9,242	8,772
61	69	79 501	1 282,220	11 540,188	9,000	8,531
62	70	77 732	1 171,673	10 257,967	8,755	8,285
63	71	75 836	1 068,314	9 086,295	8,505	8,036
64	72	73 826	971,964	8 017,981	8,249	7,780
65	73	71 696	882,166	7 046,017	7,987	7,518
66	74	69 432	798,415	6 163,851	7,720	7,251
67	75	67 060	720,698	5 365,436	7,445	6,975
68	76	64 587	648,708	4 644,738	7,160	6,690
69	77	61 982	581,817	3 996,030	6,868	6,399
70	78	59 231	519,615	3 414,213	6,571	6,101
71	79	56 320	461,758	2 894,599	6,269	5,799
72	80	53 207	407,694	2 432,840	5,967	5,498
73	81	49 924	357,517	2 025,146	5,664	5,195
74	82	46 420	310,674	1 667,630	5,368	4,898
75	83	42 756	267,433	1 356,955	5,074	4,604
76	84	38 975	227,836	1 089,522	4,782	4,313
77	85	35 081	191,656	861,686	4,496	4,026
78	86	31 092	158,748	670,030	4,221	3,751
79	87	27 091	129,271	511,282	3,955	3,486
80	88	23 152	103,251	382,011	3,700	3,230
81	89	19 351	80,654	278,760	3,456	2,987
82	90	15 758	61,380	198,107	3,228	2,758
83	91	12 458	45,352	136,726	3,015	2,545
84	92	9 525	32,406	91,375	2,820	2,350
85	93	7 027	22,343	58,969	2,639	2,170
86	94	4 977	14,789	36,626	2,477	2,007
87	95	3 380	9,388	21,837	2,326	1,857
88	96	2 192	5,690	12,450	2,188	1,719
89	97	1 333	3,234	6,760	2,090	1,621
90	98	780	1,769	3,526	1,994	1,524
91	99	439	0,929	1,758	1,891	1,422
92	100	233	0,461	0,828	1,796	1,327

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 613	99 613,291	1 493 230,843	14,990	14,521
1	10	99 252	92 759,224	1 393 617,552	15,024	14,555
2	11	99 219	86 661,832	1 300 858,328	15,011	14,541
3	12	99 196	80 973,461	1 214 196,496	14,995	14,525
4	13	99 177	75 661,945	1 133 223,036	14,977	14,508
5	14	99 157	70 697,904	1 057 561,090	14,959	14,489
6	15	99 138	66 060,078	986 863,186	14,939	14,469
7	16	99 117	61 725,267	920 803,108	14,918	14,448
8	17	99 094	57 673,703	859 077,841	14,895	14,426
9	18	99 072	53 888,709	801 404,137	14,871	14,402
10	19	99 045	50 349,328	747 515,428	14,847	14,377
11	20	99 020	47 043,494	697 166,099	14,820	14,350
12	21	98 994	43 954,352	650 122,605	14,791	14,321
13	22	98 970	41 069,233	606 168,253	14,760	14,290
14	23	98 945	38 372,532	565 099,020	14,727	14,257
15	24	98 914	35 850,861	526 726,488	14,692	14,223
16	25	98 880	33 494,093	490 875,628	14,656	14,186
17	26	98 837	31 289,191	457 381,534	14,618	14,148
18	27	98 791	29 228,699	426 092,343	14,578	14,108
19	28	98 732	27 300,198	396 863,645	14,537	14,068
20	29	98 669	25 498,048	369 563,447	14,494	14,024
21	30	98 601	23 813,497	344 065,399	14,448	13,979
22	31	98 530	22 239,530	320 251,903	14,400	13,931
23	32	98 454	20 768,655	298 012,373	14,349	13,880
24	33	98 380	19 395,361	277 243,718	14,294	13,825
25	34	98 298	18 111,370	257 848,357	14,237	13,767
26	35	98 215	16 912,232	239 736,987	14,175	13,706
27	36	98 130	15 792,061	222 824,755	14,110	13,640
28	37	98 039	14 745,355	207 032,695	14,041	13,571
29	38	97 945	13 767,486	192 287,339	13,967	13,497
30	39	97 835	12 852,340	178 519,853	13,890	13,421
31	40	97 722	11 997,573	165 667,514	13,808	13,339
32	41	97 594	11 198,095	153 669,941	13,723	13,253
33	42	97 460	10 451,132	142 471,846	13,632	13,163
34	43	97 312	9 752,519	132 020,714	13,537	13,068
35	44	97 149	9 099,220	122 268,194	13,437	12,968
36	45	96 976	8 488,874	113 168,975	13,331	12,862
37	46	96 781	7 917,575	104 680,100	13,221	12,752
38	47	96 569	7 383,352	96 762,525	13,105	12,636
39	48	96 334	6 883,517	89 379,172	12,985	12,515
40	49	96 073	6 415,783	82 495,656	12,858	12,389
41	50	95 786	5 978,169	76 079,872	12,726	12,257
42	51	95 481	5 569,282	70 101,703	12,587	12,118
43	52	95 139	5 186,301	64 532,421	12,443	11,973
44	53	94 771	4 828,256	59 346,121	12,291	11,822
45	54	94 358	4 492,710	54 517,865	12,135	11,665
46	55	93 901	4 178,465	50 025,154	11,972	11,503
47	56	93 392	3 883,952	45 846,689	11,804	11,335
48	57	92 838	3 608,313	41 962,738	11,629	11,160
49	58	92 228	3 350,102	38 354,425	11,449	10,979
50	59	91 554	3 108,056	35 004,323	11,262	10,793
51	60	90 820	2 881,444	31 896,266	11,070	10,600
52	61	90 007	2 668,814	29 014,822	10,872	10,402
53	62	89 124	2 469,768	26 346,008	10,667	10,198
54	63	88 162	2 283,259	23 876,240	10,457	9,988
55	64	87 101	2 108,218	21 592,981	10,242	9,773
56	65	85 939	1 944,011	19 484,763	10,023	9,553
57	66	84 692	1 790,479	17 540,752	9,797	9,327
58	67	83 335	1 646,521	15 750,273	9,566	9,096
59	68	81 871	1 511,781	14 103,752	9,329	8,860
60	69	80 290	1 385,598	12 591,971	9,088	8,618
61	70	78 582	1 267,405	11 206,373	8,842	8,372
62	71	76 753	1 156,911	9 938,968	8,591	8,121
63	72	74 797	1 053,676	8 782,057	8,335	7,865
64	73	72 733	957,566	7 728,381	8,071	7,601
65	74	70 519	867,685	6 770,816	7,803	7,334
66	75	68 193	784,169	5 903,131	7,528	7,058
67	76	65 771	706,838	5 118,962	7,242	6,773
68	77	63 194	634,718	4 412,125	6,951	6,482
69	78	60 507	567,972	3 777,407	6,651	6,181
70	79	57 605	505,352	3 209,435	6,351	5,881
71	80	54 551	447,253	2 704,083	6,046	5,576
72	81	51 267	392,829	2 256,830	5,745	5,276
73	82	47 794	342,260	1 864,002	5,446	4,977
74	83	44 128	295,334	1 521,741	5,153	4,683
75	84	40 331	252,266	1 226,408	4,862	4,392
76	85	36 436	212,990	974,142	4,574	4,104
77	86	32 411	177,066	761,152	4,299	3,829
78	87	28 381	144,909	584,086	4,031	3,561
79	88	24 383	116,351	439,177	3,775	3,305
80	89	20 508	91,460	322,826	3,530	3,060
81	90	16 845	70,207	231,367	3,295	2,826
82	91	13 434	52,328	161,159	3,080	2,610
83	92	10 370	37,749	108,831	2,883	2,414
84	93	7 739	26,329	71,082	2,700	2,230
85	94	5 559	17,674	44,753	2,532	2,063
86	95	3 831	11,385	27,079	2,378	1,909
87	96	2 526	7,015	15,694	2,237	1,768
88	97	1 566	4,064	8,679	2,135	1,666
89	98	934	2,267	4,615	2,036	1,566
90	99	536	1,215	2,348	1,933	1,463
91	100	291	0,616	1,133	1,839	1,369

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 607	99 607,197	1 492 273,208	14,982	14,512
1	11	99 247	92 753,799	1 392 666,011	15,015	14,545
2	12	99 211	86 655,131	1 299 912,213	15,001	14,531
3	13	99 188	80 967,102	1 213 257,082	14,985	14,515
4	14	99 168	75 654,817	1 132 289,980	14,967	14,497
5	15	99 148	70 691,385	1 056 635,163	14,947	14,478
6	16	99 126	66 052,041	985 943,778	14,927	14,457
7	17	99 103	61 716,179	919 891,737	14,905	14,436
8	18	99 081	57 665,850	858 175,558	14,882	14,412
9	19	99 053	53 878,092	800 509,708	14,858	14,388
10	20	99 027	50 340,528	746 631,616	14,832	14,362
11	21	99 001	47 034,797	696 291,088	14,804	14,334
12	22	98 977	43 947,104	649 256,291	14,774	14,304
13	23	98 954	41 062,546	605 309,186	14,741	14,272
14	24	98 927	38 365,626	564 246,640	14,707	14,238
15	25	98 896	35 844,410	525 881,014	14,671	14,202
16	26	98 861	33 487,722	490 036,604	14,633	14,164
17	27	98 818	31 283,303	456 548,882	14,594	14,124
18	28	98 770	29 222,409	425 265,580	14,553	14,083
19	29	98 709	27 293,765	396 043,171	14,510	14,041
20	30	98 644	25 491,449	368 749,406	14,466	13,996
21	31	98 570	23 805,945	343 257,956	14,419	13,949
22	32	98 499	22 232,547	319 452,012	14,369	13,899
23	33	98 421	20 761,539	297 219,465	14,316	13,846
24	34	98 345	19 388,372	276 457,926	14,259	13,789
25	35	98 258	18 104,016	257 069,554	14,200	13,730
26	36	98 175	16 905,262	238 965,537	14,136	13,666
27	37	98 085	15 784,820	222 060,275	14,068	13,598
28	38	97 993	14 738,356	206 275,455	13,996	13,526
29	39	97 886	13 759,181	191 537,099	13,921	13,451
30	40	97 776	12 844,614	177 777,918	13,841	13,371
31	41	97 655	11 989,346	164 933,305	13,757	13,287
32	42	97 522	11 189,806	152 943,959	13,668	13,199
33	43	97 383	10 442,836	141 754,153	13,574	13,105
34	44	97 223	9 743,663	131 311,317	13,477	13,007
35	45	97 054	9 090,388	121 567,654	13,373	12,904
36	46	96 865	8 479,093	112 477,265	13,265	12,796
37	47	96 664	7 907,936	103 998,172	13,151	12,682
38	48	96 437	7 373,235	96 090,236	13,032	12,563
39	49	96 180	6 872,544	88 717,001	12,909	12,439
40	50	95 905	6 404,568	81 844,457	12,779	12,310
41	51	95 609	5 967,090	75 439,889	12,643	12,173
42	52	95 277	5 557,348	69 472,799	12,501	12,032
43	53	94 917	5 174,201	63 915,450	12,353	11,883
44	54	94 528	4 815,859	58 741,249	12,197	11,728
45	55	94 085	4 479,732	53 925,390	12,038	11,568
46	56	93 596	4 164,904	49 445,658	11,872	11,402
47	57	93 058	3 870,059	45 280,754	11,700	11,231
48	58	92 474	3 594,153	41 410,695	11,522	11,052
49	59	91 827	3 335,531	37 816,542	11,337	10,868
50	60	91 123	3 093,429	34 481,011	11,147	10,677
51	61	90 341	2 866,242	31 387,582	10,951	10,481
52	62	89 495	2 653,640	28 521,340	10,748	10,278
53	63	88 578	2 454,617	25 867,700	10,538	10,069
54	64	87 567	2 267,849	23 413,083	10,324	9,854
55	65	86 450	2 092,464	21 145,233	10,105	9,636
56	66	85 254	1 928,516	19 052,770	9,879	9,410
57	67	83 950	1 774,791	17 124,253	9,649	9,179
58	68	82 545	1 630,908	15 349,463	9,412	8,942
59	69	81 014	1 495,959	13 718,555	9,170	8,701
60	70	79 363	1 369,588	12 222,595	8,924	8,455
61	71	77 592	1 251,437	10 853,007	8,672	8,203
62	72	75 701	1 141,059	9 601,570	8,415	7,945
63	73	73 689	1 038,067	8 460,511	8,150	7,681
64	74	71 539	941,846	7 422,444	7,881	7,411
65	75	69 261	852,202	6 480,598	7,605	7,135
66	76	66 881	769,088	5 628,395	7,318	6,849
67	77	64 352	691,594	4 859,307	7,026	6,557
68	78	61 690	619,614	4 167,713	6,726	6,257
69	79	58 846	552,382	3 548,099	6,423	5,954
70	80	55 795	489,477	2 995,718	6,120	5,651
71	81	52 562	430,945	2 506,241	5,816	5,346
72	82	49 079	376,065	2 075,296	5,518	5,049
73	83	45 434	325,360	1 699,230	5,223	4,753
74	84	41 625	278,585	1 373,871	4,932	4,462
75	85	37 703	235,828	1 095,286	4,644	4,175
76	86	33 662	196,776	859,458	4,368	3,898
77	87	29 585	161,630	662,682	4,100	3,630
78	88	25 545	130,426	501,052	3,842	3,372
79	89	21 598	103,063	370,627	3,596	3,127
80	90	17 852	79,614	267,564	3,361	2,891
81	91	14 361	59,854	187,950	3,140	2,671
82	92	11 182	43,556	128,096	2,941	2,471
83	93	8 425	30,671	84,540	2,756	2,287
84	94	6 122	20,827	53,869	2,586	2,117
85	95	4 279	13,606	33,042	2,428	1,959
86	96	2 863	8,507	19,436	2,285	1,815
87	97	1 804	5,011	10,929	2,181	1,711
88	98	1 098	2,849	5,918	2,077	1,608
89	99	642	1,557	3,069	1,971	1,501
90	100	355	0,806	1,512	1,877	1,407

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 601	99 601,371	1 491 241,379	14,972	14,503
1	12	99 239	92 746,626	1 391 640,008	15,005	14,535
2	13	99 204	86 648,326	1 298 893,382	14,990	14,521
3	14	99 179	80 959,474	1 212 245,056	14,973	14,504
4	15	99 159	75 647,841	1 131 285,582	14,955	14,485
5	16	99 136	70 682,784	1 055 637,741	14,935	14,465
6	17	99 112	66 042,315	984 954,957	14,914	14,444
7	18	99 089	61 707,775	918 912,642	14,891	14,422
8	19	99 061	57 654,489	857 204,866	14,868	14,398
9	20	99 035	53 868,675	799 550,377	14,843	14,373
10	21	99 009	50 331,221	745 681,702	14,815	14,346
11	22	98 985	47 027,041	695 350,481	14,786	14,317
12	23	98 961	43 939,949	648 323,440	14,755	14,285
13	24	98 937	41 055,156	604 383,491	14,721	14,252
14	25	98 909	38 358,723	563 328,334	14,686	14,216
15	26	98 877	35 837,592	524 969,612	14,649	14,179
16	27	98 843	33 481,420	489 132,020	14,609	14,140
17	28	98 797	31 276,571	455 650,601	14,568	14,099
18	29	98 746	29 215,523	424 374,030	14,526	14,056
19	30	98 683	27 286,702	395 158,507	14,482	14,012
20	31	98 613	25 483,365	367 871,805	14,436	13,966
21	32	98 539	23 798,470	342 388,439	14,387	13,917
22	33	98 465	22 224,929	318 589,970	14,335	13,865
23	34	98 385	20 754,058	296 365,041	14,280	13,810
24	35	98 305	19 380,501	275 610,983	14,221	13,752
25	36	98 218	18 096,555	256 230,482	14,159	13,690
26	37	98 130	16 897,511	238 133,927	14,093	13,623
27	38	98 038	15 777,327	221 236,416	14,022	13,553
28	39	97 934	14 729,465	205 459,088	13,949	13,479
29	40	97 828	13 750,910	190 729,623	13,870	13,401
30	41	97 709	12 835,806	176 978,714	13,788	13,318
31	42	97 582	11 980,471	164 142,908	13,701	13,231
32	43	97 445	11 180,924	152 162,437	13,609	13,140
33	44	97 295	10 433,354	140 981,513	13,513	13,043
34	45	97 129	9 734,206	130 548,160	13,411	12,942
35	46	96 942	9 079,914	120 813,953	13,306	12,836
36	47	96 747	8 468,770	111 734,039	13,194	12,724
37	48	96 531	7 897,099	103 265,269	13,076	12,607
38	49	96 283	7 361,482	95 368,170	12,955	12,486
39	50	96 012	6 860,530	88 006,688	12,828	12,358
40	51	95 727	6 392,699	81 146,158	12,694	12,224
41	52	95 404	5 954,305	74 753,459	12,555	12,085
42	53	95 054	5 544,383	68 799,154	12,409	11,939
43	54	94 674	5 160,915	63 254,771	12,257	11,787
44	55	94 255	4 801,947	58 093,855	12,098	11,628
45	56	93 780	4 465,193	53 291,908	11,935	11,465
46	57	93 262	4 150,006	48 826,714	11,765	11,296
47	58	92 693	3 854,872	44 676,708	11,590	11,120
48	59	92 071	3 578,521	40 821,836	11,407	10,938
49	60	91 395	3 319,833	37 243,315	11,218	10,749
50	61	90 642	3 077,108	33 923,482	11,024	10,555
51	62	89 827	2 849,945	30 846,374	10,823	10,354
52	63	88 946	2 637,361	27 996,429	10,615	10,146
53	64	87 980	2 438,051	25 359,068	10,401	9,932
54	65	86 912	2 250,903	22 921,017	10,183	9,714
55	66	85 761	2 075,786	20 670,114	9,958	9,488
56	67	84 507	1 911,619	18 594,328	9,727	9,257
57	68	83 154	1 757,962	16 682,710	9,490	9,020
58	69	81 681	1 613,840	14 924,748	9,248	8,778
59	70	80 078	1 478,674	13 310,908	9,002	8,532
60	71	78 363	1 352,333	11 832,234	8,749	8,280
61	72	76 529	1 234,290	10 479,902	8,491	8,021
62	73	74 580	1 124,156	9 245,612	8,224	7,755
63	74	72 479	1 021,026	8 121,456	7,954	7,485
64	75	70 262	925,041	7 100,429	7,676	7,206
65	76	67 929	835,813	6 175,389	7,388	6,919
66	77	65 439	752,502	5 339,575	7,096	6,626
67	78	62 821	675,137	4 587,073	6,794	6,325
68	79	59 997	602,607	3 911,937	6,492	6,022
69	80	56 998	535,029	3 309,330	6,185	5,716
70	81	53 761	471,630	2 774,301	5,882	5,413
71	82	50 319	412,555	2 302,671	5,581	5,112
72	83	46 655	357,496	1 890,116	5,287	4,818
73	84	42 857	306,908	1 532,621	4,994	4,524
74	85	38 913	260,431	1 225,713	4,706	4,237
75	86	34 833	217,875	965,281	4,430	3,961
76	87	30 727	179,621	747,406	4,161	3,692
77	88	26 628	145,476	567,785	3,903	3,433
78	89	22 627	115,531	422,309	3,655	3,186
79	90	18 801	89,715	306,779	3,419	2,950
80	91	15 219	67,873	217,064	3,198	2,729
81	92	11 953	49,820	149,191	2,995	2,525
82	93	9 085	35,389	99,371	2,808	2,338
83	94	6 665	24,262	63,982	2,637	2,168
84	95	4 713	16,034	39,720	2,477	2,008
85	96	3 197	10,167	23,687	2,330	1,860
86	97	2 045	6,077	13,520	2,225	1,755
87	98	1 265	3,513	7,443	2,119	1,649
88	99	754	1,957	3,930	2,008	1,539
89	100	426	1,032	1,973	1,912	1,442

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 594	99 593,669	1 490 129,721	14,962	14,493
1	13	99 231	92 739,343	1 390 536,052	14,994	14,525
2	14	99 194	86 640,162	1 297 796,708	14,979	14,510
3	15	99 170	80 952,009	1 211 156,546	14,961	14,492
4	16	99 147	75 638,637	1 130 204,537	14,942	14,473
5	17	99 122	70 672,377	1 054 565,900	14,922	14,452
6	18	99 098	66 033,322	983 893,523	14,900	14,430
7	19	99 070	61 695,618	917 860,201	14,877	14,408
8	20	99 044	57 644,412	856 164,583	14,853	14,383
9	21	99 017	53 858,716	798 520,171	14,826	14,357
10	22	98 993	50 322,921	744 661,455	14,798	14,328
11	23	98 969	47 019,385	694 338,534	14,767	14,298
12	24	98 943	43 932,042	647 319,149	14,735	14,265
13	25	98 919	41 047,769	603 387,107	14,700	14,230
14	26	98 890	38 351,426	562 339,338	14,663	14,193
15	27	98 858	35 830,847	523 987,913	14,624	14,154
16	28	98 821	33 474,215	488 157,066	14,583	14,114
17	29	98 774	31 269,201	454 682,851	14,541	14,071
18	30	98 721	29 207,963	423 413,650	14,497	14,027
19	31	98 652	27 278,049	394 205,687	14,451	13,982
20	32	98 582	25 475,364	366 927,638	14,403	13,934
21	33	98 505	23 790,315	341 452,275	14,353	13,883
22	34	98 430	22 216,921	317 661,959	14,298	13,829
23	35	98 345	20 745,632	295 445,038	14,241	13,772
24	36	98 264	19 372,513	274 699,406	14,180	13,710
25	37	98 173	18 088,258	255 326,893	14,116	13,646
26	38	98 083	16 889,490	237 238,635	14,047	13,577
27	39	97 979	15 767,810	220 349,145	13,975	13,505
28	40	97 875	14 720,611	204 581,335	13,898	13,428
29	41	97 760	13 741,481	189 860,724	13,817	13,347
30	42	97 637	12 826,304	176 119,244	13,731	13,262
31	43	97 505	11 970,961	163 292,940	13,641	13,171
32	44	97 356	11 170,771	151 321,979	13,546	13,077
33	45	97 200	10 423,227	140 151,208	13,446	12,977
34	46	97 017	9 722,990	129 727,980	13,342	12,873
35	47	96 824	9 068,859	120 004,990	13,233	12,763
36	48	96 614	8 457,165	110 936,131	13,117	12,648
37	49	96 377	7 884,511	102 478,966	12,998	12,528
38	50	96 115	7 348,613	94 594,455	12,872	12,403
39	51	95 834	6 847,816	87 245,842	12,741	12,271
40	52	95 522	6 379,002	80 398,025	12,604	12,134
41	53	95 181	5 940,413	74 019,024	12,460	11,991
42	54	94 810	5 530,147	68 078,610	12,310	11,841
43	55	94 400	5 146,007	62 548,463	12,155	11,685
44	56	93 949	4 786,363	57 402,456	11,993	11,523
45	57	93 445	4 449,222	52 616,093	11,826	11,356
46	58	92 896	4 133,721	48 166,872	11,652	11,183
47	59	92 290	3 838,106	44 033,150	11,473	11,003
48	60	91 638	3 561,679	40 195,044	11,285	10,816
49	61	90 913	3 302,318	36 633,365	11,093	10,624
50	62	90 127	3 059,612	33 331,048	10,894	10,424
51	63	89 276	2 832,462	30 271,436	10,687	10,218
52	64	88 346	2 619,562	27 438,974	10,475	10,005
53	65	87 322	2 419,833	24 819,412	10,257	9,787
54	66	86 219	2 232,962	22 399,579	10,031	9,562
55	67	85 010	2 057,598	20 166,617	9,801	9,332
56	68	83 706	1 893,492	18 109,020	9,564	9,094
57	69	82 284	1 739,563	16 215,528	9,322	8,852
58	70	80 737	1 595,192	14 475,964	9,075	8,605
59	71	79 070	1 460,045	12 880,772	8,822	8,353
60	72	77 289	1 333,803	11 420,727	8,563	8,093
61	73	75 396	1 216,006	10 086,924	8,295	7,826
62	74	73 355	1 105,702	8 870,918	8,023	7,553
63	75	71 186	1 002,808	7 765,217	7,743	7,274
64	76	68 911	907,251	6 762,409	7,454	6,984
65	77	66 464	817,788	5 855,158	7,160	6,690
66	78	63 882	734,595	5 037,370	6,857	6,388
67	79	61 097	656,606	4 302,775	6,553	6,084
68	80	58 112	583,676	3 646,169	6,247	5,777
69	81	54 920	515,521	3 062,493	5,941	5,471
70	82	51 467	451,504	2 546,972	5,641	5,172
71	83	47 834	392,183	2 095,468	5,343	4,874
72	84	44 010	337,221	1 703,285	5,051	4,581
73	85	40 065	286,909	1 366,063	4,761	4,292
74	86	35 951	240,606	1 079,154	4,485	4,016
75	87	31 796	198,881	838,548	4,216	3,747
76	88	27 656	161,669	639,667	3,957	3,487
77	89	23 587	128,862	477,999	3,709	3,240
78	90	19 697	100,567	349,137	3,472	3,002
79	91	16 028	76,484	248,569	3,250	2,780
80	92	12 668	56,495	172,085	3,046	2,577
81	93	9 712	40,479	115,590	2,856	2,386
82	94	7 187	27,994	75,112	2,683	2,214
83	95	5 131	18,677	47,118	2,523	2,053
84	96	3 521	11,981	28,440	2,374	1,904
85	97	2 284	7,263	16,460	2,266	1,797
86	98	1 434	4,260	9,197	2,159	1,690
87	99	869	2,413	4,937	2,046	1,577
88	100	500	1,298	2,525	1,946	1,476

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 586	99 585,848	1 488 934,533	14,951	14,482
1	14	99 222	92 730,606	1 389 348,684	14,983	14,513
2	15	99 185	86 632,174	1 296 618,078	14,967	14,497
3	16	99 158	80 942,160	1 209 985,905	14,949	14,479
4	17	99 132	75 627,500	1 129 043,745	14,929	14,459
5	18	99 108	70 662,754	1 053 416,245	14,908	14,438
6	19	99 079	66 020,313	982 753,491	14,886	14,416
7	20	99 052	61 684,834	916 733,179	14,862	14,392
8	21	99 026	57 633,755	855 048,345	14,836	14,366
9	22	99 001	53 849,835	797 414,590	14,808	14,339
10	23	98 977	50 314,728	743 564,756	14,778	14,309
11	24	98 951	47 010,923	693 250,027	14,747	14,277
12	25	98 926	43 924,137	646 239,104	14,713	14,243
13	26	98 900	41 039,961	602 314,968	14,676	14,207
14	27	98 872	38 344,208	561 275,007	14,638	14,168
15	28	98 837	35 823,137	522 930,799	14,598	14,128
16	29	98 798	33 466,327	487 107,662	14,555	14,086
17	30	98 748	31 261,109	453 641,335	14,511	14,042
18	31	98 690	29 198,700	422 380,225	14,466	13,996
19	32	98 621	27 269,483	393 181,525	14,418	13,949
20	33	98 548	25 466,635	365 912,042	14,368	13,899
21	34	98 470	23 781,743	340 445,407	14,315	13,846
22	35	98 390	22 207,901	316 663,664	14,259	13,790
23	36	98 305	20 737,082	294 455,763	14,199	13,730
24	37	98 219	19 363,631	273 718,681	14,136	13,666
25	38	98 126	18 079,672	254 355,050	14,069	13,599
26	39	98 024	16 879,302	236 275,378	13,998	13,528
27	40	97 920	15 758,331	219 396,076	13,923	13,453
28	41	97 808	14 710,517	203 637,745	13,843	13,373
29	42	97 688	13 731,308	188 927,228	13,759	13,289
30	43	97 560	12 816,123	175 195,920	13,670	13,200
31	44	97 416	11 960,091	162 379,797	13,577	13,107
32	45	97 262	11 159,929	150 419,706	13,479	13,009
33	46	97 088	10 411,217	139 259,777	13,376	12,906
34	47	96 899	9 711,152	128 848,560	13,268	12,799
35	48	96 692	9 056,432	119 137,408	13,155	12,685
36	49	96 460	8 443,684	110 080,976	13,037	12,568
37	50	96 209	7 870,728	101 637,292	12,913	12,444
38	51	95 936	7 334,995	93 766,564	12,783	12,314
39	52	95 629	6 833,144	86 431,569	12,649	12,179
40	53	95 299	6 364,120	79 598,425	12,507	12,038
41	54	94 937	5 925,160	73 234,306	12,360	11,890
42	55	94 536	5 514,172	67 309,145	12,207	11,737
43	56	94 094	5 129,306	61 794,973	12,047	11,578
44	57	93 613	4 769,242	56 665,667	11,881	11,412
45	58	93 078	4 431,762	51 896,425	11,710	11,241
46	59	92 492	4 115,742	47 464,662	11,532	11,063
47	60	91 856	3 820,042	43 348,920	11,348	10,878
48	61	91 155	3 542,888	39 528,878	11,157	10,688
49	62	90 396	3 283,541	35 985,990	10,960	10,490
50	63	89 574	3 040,843	32 702,449	10,754	10,285
51	64	88 674	2 813,346	29 661,606	10,543	10,074
52	65	87 685	2 599,987	26 848,260	10,326	9,857
53	66	86 626	2 400,545	24 248,273	10,101	9,632
54	67	85 464	2 213,396	21 847,728	9,871	9,401
55	68	84 204	2 038,087	19 634,331	9,634	9,164
56	69	82 830	1 873,675	17 596,245	9,391	8,922
57	70	81 333	1 719,464	15 722,569	9,144	8,674
58	71	79 720	1 575,095	14 003,106	8,890	8,421
59	72	77 986	1 440,039	12 428,011	8,630	8,161
60	73	76 144	1 314,045	10 987,971	8,362	7,892
61	74	74 158	1 196,044	9 673,926	8,088	7,619
62	75	72 047	1 085,972	8 477,883	7,807	7,337
63	76	69 817	983,523	7 391,910	7,516	7,046
64	77	67 425	887,685	6 408,388	7,219	6,750
65	78	64 882	798,328	5 520,703	6,915	6,446
66	79	62 128	714,432	4 722,375	6,610	6,140
67	80	59 177	635,979	4 007,943	6,302	5,832
68	81	55 994	562,394	3 371,965	5,996	5,526
69	82	52 576	493,522	2 809,570	5,693	5,223
70	83	48 925	429,209	2 316,048	5,396	4,927
71	84	45 121	369,942	1 886,840	5,100	4,631
72	85	41 142	315,247	1 516,897	4,812	4,342
73	86	37 015	265,068	1 201,650	4,533	4,064
74	87	32 816	219,630	936,582	4,264	3,795
75	88	28 618	179,004	716,952	4,005	3,536
76	89	24 498	143,206	537,948	3,756	3,287
77	90	20 532	112,172	394,743	3,519	3,050
78	91	16 792	85,736	282,571	3,296	2,826
79	92	13 341	63,663	196,834	3,092	2,622
80	93	10 293	45,902	133,172	2,901	2,432
81	94	7 683	32,020	87,270	2,726	2,256
82	95	5 533	21,551	55,250	2,564	2,094
83	96	3 834	13,956	33,699	2,415	1,945
84	97	2 516	8,558	19,743	2,307	1,837
85	98	1 601	5,091	11,185	2,197	1,728
86	99	985	2,926	6,094	2,083	1,613
87	100	576	1,600	3,168	1,980	1,511

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	14	99 576	99 576,466	1 487 649,996	14,940	14,470
1	15	99 213	92 722,056	1 388 073,530	14,970	14,501
2	16	99 173	86 621,633	1 295 351,474	14,954	14,485
3	17	99 143	80 930,241	1 208 729,841	14,935	14,466
4	18	99 119	75 617,202	1 127 799,599	14,915	14,445
5	19	99 089	70 648,832	1 052 182,397	14,893	14,424
6	20	99 061	66 008,773	981 533,565	14,870	14,400
7	21	99 034	61 673,430	915 524,792	14,845	14,375
8	22	99 009	57 624,251	853 851,363	14,818	14,348
9	23	98 985	53 841,067	796 227,112	14,788	14,319
10	24	98 959	50 305,674	742 386,044	14,758	14,288
11	25	98 933	47 002,464	692 080,371	14,724	14,255
12	26	98 907	43 915,781	645 077,907	14,689	14,219
13	27	98 881	41 032,237	601 162,126	14,651	14,181
14	28	98 851	38 335,957	560 129,888	14,611	14,142
15	29	98 814	35 814,695	521 793,931	14,569	14,100
16	30	98 773	33 457,667	485 979,236	14,525	14,056
17	31	98 717	31 251,196	452 521,569	14,480	14,011
18	32	98 659	29 189,532	421 270,373	14,432	13,963
19	33	98 587	27 260,140	392 080,842	14,383	13,913
20	34	98 512	25 457,459	364 820,702	14,331	13,861
21	35	98 430	23 772,088	339 363,243	14,276	13,806
22	36	98 349	22 198,748	315 591,155	14,217	13,747
23	37	98 260	20 727,574	293 392,407	14,155	13,685
24	38	98 173	19 354,440	272 664,833	14,088	13,618
25	39	98 067	18 068,766	253 310,393	14,019	13,550
26	40	97 965	16 869,155	235 241,628	13,945	13,476
27	41	97 853	15 747,526	218 372,473	13,867	13,398
28	42	97 735	14 699,627	202 624,947	13,784	13,315
29	43	97 611	13 720,409	187 925,320	13,697	13,227
30	44	97 471	12 804,485	174 204,911	13,605	13,135
31	45	97 322	11 948,482	161 400,426	13,508	13,039
32	46	97 150	11 147,070	149 451,943	13,407	12,938
33	47	96 970	10 398,541	138 304,873	13,300	12,831
34	48	96 766	9 697,845	127 906,332	13,189	12,720
35	49	96 538	9 041,996	118 208,487	13,073	12,604
36	50	96 292	8 428,924	109 166,491	12,951	12,482
37	51	96 030	7 856,142	100 737,567	12,823	12,353
38	52	95 731	7 319,278	92 881,425	12,690	12,220
39	53	95 406	6 817,202	85 562,147	12,551	12,081
40	54	95 055	6 347,779	78 744,945	12,405	11,936
41	55	94 663	5 908,044	72 397,166	12,254	11,784
42	56	94 230	5 496,276	66 489,122	12,097	11,628
43	57	93 757	5 110,959	60 992,845	11,934	11,464
44	58	93 246	4 750,527	55 881,887	11,763	11,294
45	59	92 673	4 412,487	51 131,360	11,588	11,118
46	60	92 056	4 096,372	46 718,873	11,405	10,935
47	61	91 371	3 799,888	42 622,501	11,217	10,747
48	62	90 636	3 522,744	38 822,613	11,021	10,551
49	63	89 841	3 263,398	35 299,870	10,817	10,347
50	64	88 970	3 020,321	32 036,471	10,607	10,137
51	65	88 011	2 792,323	29 016,151	10,391	9,922
52	66	86 987	2 579,264	26 223,828	10,167	9,698
53	67	85 867	2 379,512	23 644,564	9,937	9,467
54	68	84 654	2 192,408	21 265,053	9,699	9,230
55	69	83 322	2 016,757	19 072,644	9,457	8,988
56	70	81 873	1 852,026	17 055,887	9,209	8,740
57	71	80 309	1 697,800	15 203,861	8,955	8,486
58	72	78 627	1 553,513	13 506,061	8,694	8,224
59	73	76 831	1 418,707	11 952,548	8,425	7,955
60	74	74 894	1 292,473	10 533,840	8,150	7,681
61	75	72 835	1 174,702	9 241,367	7,867	7,397
62	76	70 661	1 065,088	8 066,665	7,574	7,104
63	77	68 312	962,312	7 001,577	7,276	6,806
64	78	65 820	866,561	6 039,265	6,969	6,500
65	79	63 101	776,415	5 172,704	6,662	6,193
66	80	60 177	691,988	4 396,288	6,353	5,884
67	81	57 020	612,790	3 704,300	6,045	5,575
68	82	53 604	538,395	3 091,510	5,742	5,273
69	83	49 980	469,152	2 553,115	5,442	4,972
70	84	46 151	404,868	2 083,963	5,147	4,678
71	85	42 181	345,836	1 679,095	4,855	4,386
72	86	38 010	291,249	1 333,260	4,578	4,108
73	87	33 788	241,960	1 042,011	4,307	3,837
74	88	29 537	197,679	800,051	4,047	3,578
75	89	25 350	158,561	602,372	3,799	3,329
76	90	21 325	124,658	443,811	3,560	3,091
77	91	17 504	95,629	319,153	3,337	2,868
78	92	13 977	71,364	223,524	3,132	2,663
79	93	10 840	51,726	152,160	2,942	2,472
80	94	8 142	36,310	100,434	2,766	2,297
81	95	5 914	24,650	64,125	2,601	2,132
82	96	4 134	16,103	39,475	2,451	1,982
83	97	2 739	9,970	23,372	2,344	1,875
84	98	1 763	5,999	13,402	2,234	1,764
85	99	1 100	3,497	7,403	2,117	1,647
86	100	653	1,940	3,906	2,013	1,544

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 567	99 567,285	1 486 271,453	14,927	14,458
1	16	99 201	92 710,774	1 386 704,169	14,957	14,488
2	17	99 159	86 608,879	1 293 993,395	14,941	14,471
3	18	99 130	80 919,222	1 207 384,516	14,921	14,451
4	19	99 099	75 602,304	1 126 465,294	14,900	14,430
5	20	99 071	70 636,483	1 050 862,990	14,877	14,408
6	21	99 043	65 996,569	980 226,507	14,853	14,383
7	22	99 018	61 663,260	914 229,937	14,826	14,357
8	23	98 993	57 614,869	852 566,677	14,798	14,328
9	24	98 967	53 831,378	794 951,808	14,767	14,298
10	25	98 941	50 296,622	741 120,430	14,735	14,265
11	26	98 914	46 993,523	690 823,809	14,700	14,231
12	27	98 888	43 907,516	643 830,286	14,663	14,194
13	28	98 860	41 023,408	599 922,769	14,624	14,154
14	29	98 827	38 326,924	558 899,362	14,582	14,113
15	30	98 788	35 805,428	520 572,438	14,539	14,069
16	31	98 741	33 447,056	484 767,010	14,494	14,024
17	32	98 686	31 241,383	451 319,954	14,446	13,977
18	33	98 625	29 179,531	420 078,571	14,396	13,927
19	34	98 552	27 250,317	390 899,041	14,345	13,875
20	35	98 472	25 447,123	363 648,723	14,290	13,821
21	36	98 389	23 762,291	338 201,600	14,233	13,763
22	37	98 304	22 188,570	314 439,310	14,171	13,702
23	38	98 213	20 717,735	292 250,739	14,106	13,637
24	39	98 114	19 342,764	271 533,004	14,038	13,568
25	40	98 008	18 057,904	252 190,240	13,966	13,496
26	41	97 898	16 857,588	234 132,336	13,889	13,419
27	42	97 781	15 735,868	217 274,748	13,808	13,338
28	43	97 658	14 687,959	201 538,880	13,721	13,252
29	44	97 522	13 707,950	186 850,921	13,631	13,161
30	45	97 376	12 792,058	173 142,971	13,535	13,066
31	46	97 210	11 934,715	160 350,913	13,436	12,966
32	47	97 031	11 133,498	148 416,198	13,331	12,861
33	48	96 837	10 384,292	137 282,700	13,220	12,751
34	49	96 612	9 682,386	126 898,408	13,106	12,637
35	50	96 369	9 026,190	117 216,022	12,986	12,517
36	51	96 113	8 413,303	108 189,832	12,859	12,390
37	52	95 825	7 839,309	99 776,529	12,728	12,258
38	53	95 507	7 302,203	91 937,220	12,590	12,121
39	54	95 161	6 799,698	84 635,017	12,447	11,977
40	55	94 780	6 329,442	77 835,320	12,297	11,828
41	56	94 355	5 888,870	71 505,878	12,143	11,673
42	57	93 893	5 476,616	65 617,008	11,981	11,512
43	58	93 389	5 090,903	60 140,391	11,813	11,344
44	59	92 840	4 729,865	55 049,489	11,639	11,169
45	60	92 237	4 391,720	50 319,624	11,458	10,988
46	61	91 571	4 074,760	45 927,904	11,271	10,802
47	62	90 851	3 778,282	41 853,144	11,077	10,608
48	63	90 080	3 501,133	38 074,862	10,875	10,405
49	64	89 235	3 241,374	34 573,728	10,666	10,197
50	65	88 305	2 997,751	31 332,355	10,452	9,982
51	66	87 310	2 770,067	28 334,604	10,229	9,759
52	67	86 224	2 556,664	25 564,537	9,999	9,530
53	68	85 053	2 356,949	23 007,873	9,762	9,292
54	69	83 768	2 169,463	20 650,925	9,519	9,049
55	70	82 360	1 993,454	18 481,461	9,271	8,802
56	71	80 841	1 828,693	16 488,007	9,016	8,547
57	72	79 208	1 674,537	14 659,314	8,754	8,285
58	73	77 463	1 530,500	12 984,777	8,484	8,014
59	74	75 570	1 395,417	11 454,277	8,208	7,739
60	75	73 558	1 269,411	10 058,859	7,924	7,455
61	76	71 434	1 152,111	8 789,448	7,629	7,159
62	77	69 137	1 042,118	7 637,336	7,329	6,859
63	78	66 686	939,412	6 595,218	7,021	6,551
64	79	64 014	842,776	5 655,806	6,711	6,241
65	80	61 119	752,025	4 813,030	6,400	5,931
66	81	57 983	666,757	4 061,006	6,091	5,621
67	82	54 586	586,640	3 394,248	5,786	5,316
68	83	50 957	511,809	2 807,608	5,486	5,016
69	84	47 145	442,546	2 295,799	5,188	4,718
70	85	43 143	378,485	1 853,253	4,896	4,427
71	86	38 970	319,509	1 474,768	4,616	4,146
72	87	34 696	265,858	1 155,259	4,345	3,876
73	88	30 411	217,777	889,401	4,084	3,614
74	89	26 163	175,104	671,624	3,836	3,366
75	90	22 067	138,025	496,520	3,597	3,128
76	91	18 180	106,274	358,496	3,373	2,904
77	92	14 570	79,599	252,222	3,169	2,699
78	93	11 356	57,983	172,623	2,977	2,508
79	94	8 575	40,916	114,640	2,802	2,332
80	95	6 268	27,952	73,724	2,637	2,168
81	96	4 419	18,419	45,771	2,485	2,016
82	97	2 953	11,503	27,352	2,378	1,908
83	98	1 920	6,988	15,849	2,268	1,798
84	99	1 211	4,121	8,861	2,150	1,681
85	100	729	2,319	4,740	2,044	1,575

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 555	99 555,170	1 484 792,046	14,914	14,445
1	17	99 186	92 697,123	1 385 236,875	14,944	14,474
2	18	99 145	86 597,086	1 292 539,752	14,926	14,456
3	19	99 110	80 903,279	1 205 942,666	14,906	14,436
4	20	99 082	75 589,090	1 125 039,387	14,884	14,414
5	21	99 053	70 623,424	1 049 450,297	14,860	14,390
6	22	99 027	65 985,687	978 826,874	14,834	14,364
7	23	99 002	61 653,221	912 841,187	14,806	14,337
8	24	98 975	57 604,501	851 187,966	14,776	14,307
9	25	98 949	53 821,692	793 583,466	14,745	14,275
10	26	98 922	50 287,054	739 761,774	14,711	14,241
11	27	98 896	46 984,679	689 474,720	14,674	14,205
12	28	98 867	43 898,068	642 490,041	14,636	14,166
13	29	98 837	41 013,741	598 591,973	14,595	14,125
14	30	98 802	38 317,006	557 578,232	14,552	14,082
15	31	98 757	35 794,073	519 261,226	14,507	14,037
16	32	98 710	33 436,554	483 467,154	14,459	13,990
17	33	98 652	31 230,678	450 030,599	14,410	13,940
18	34	98 589	29 169,016	418 799,921	14,358	13,888
19	35	98 512	27 239,254	389 630,905	14,304	13,835
20	36	98 432	25 436,635	362 391,651	14,247	13,777
21	37	98 344	23 751,396	336 955,015	14,187	13,717
22	38	98 258	22 178,038	313 203,620	14,122	13,653
23	39	98 154	20 705,237	291 025,582	14,056	13,586
24	40	98 055	19 331,136	270 320,344	13,984	13,514
25	41	97 941	18 045,521	250 989,208	13,909	13,439
26	42	97 825	16 845,109	232 943,686	13,829	13,359
27	43	97 703	15 723,378	216 098,578	13,744	13,274
28	44	97 569	14 674,622	200 375,200	13,655	13,185
29	45	97 427	13 694,645	185 700,578	13,560	13,091
30	46	97 264	12 777,318	172 005,933	13,462	12,992
31	47	97 091	11 920,184	159 228,615	13,358	12,888
32	48	96 898	11 118,242	147 308,431	13,249	12,780
33	49	96 683	10 367,739	136 190,189	13,136	12,666
34	50	96 443	9 665,461	125 822,450	13,018	12,548
35	51	96 190	9 009,462	116 156,989	12,893	12,423
36	52	95 907	8 395,276	107 147,526	12,763	12,293
37	53	95 601	7 821,020	98 752,250	12,627	12,157
38	54	95 262	7 283,453	90 931,230	12,485	12,015
39	55	94 886	6 780,055	83 647,777	12,337	11,868
40	56	94 472	6 308,900	76 867,722	12,184	11,715
41	57	94 018	5 867,806	70 558,822	12,025	11,555
42	58	93 524	5 455,125	64 691,016	11,859	11,389
43	59	92 983	5 068,760	59 235,891	11,686	11,217
44	60	92 403	4 707,605	54 167,130	11,506	11,037
45	61	91 750	4 368,549	49 459,526	11,322	10,852
46	62	91 050	4 051,591	45 090,976	11,129	10,660
47	63	90 294	3 755,105	41 039,385	10,929	10,459
48	64	89 472	3 477,505	37 284,281	10,722	10,252
49	65	88 568	3 217,152	33 806,776	10,508	10,039
50	66	87 601	2 973,857	30 589,624	10,286	9,817
51	67	86 545	2 745,795	27 615,767	10,057	9,588
52	68	85 407	2 532,421	24 869,971	9,821	9,351
53	69	84 163	2 332,282	22 337,550	9,578	9,108
54	70	82 800	2 144,396	20 005,269	9,329	8,860
55	71	81 322	1 968,339	17 860,873	9,074	8,605
56	72	79 733	1 803,636	15 892,534	8,811	8,342
57	73	78 035	1 649,732	14 088,897	8,540	8,071
58	74	76 191	1 505,375	12 439,166	8,263	7,794
59	75	74 221	1 370,519	10 933,791	7,978	7,508
60	76	72 143	1 244,999	9 563,272	7,681	7,212
61	77	69 893	1 127,265	8 318,273	7,379	6,910
62	78	67 492	1 017,319	7 191,008	7,069	6,599
63	79	64 856	913,627	6 173,689	6,757	6,288
64	80	62 003	816,301	5 260,061	6,444	5,974
65	81	58 891	724,605	4 443,761	6,133	5,663
66	82	55 508	638,304	3 719,156	5,827	5,357
67	83	51 891	557,672	3 080,852	5,524	5,055
68	84	48 067	482,784	2 523,180	5,226	4,757
69	85	44 073	413,708	2 040,396	4,932	4,462
70	86	39 859	349,673	1 626,687	4,652	4,183
71	87	35 573	291,654	1 277,014	4,379	3,909
72	88	31 228	239,287	985,360	4,118	3,648
73	89	26 938	192,906	746,074	3,868	3,398
74	90	22 775	152,425	553,167	3,629	3,160
75	91	18 813	117,669	400,743	3,406	2,936
76	92	15 132	88,459	283,073	3,200	2,731
77	93	11 838	64,674	194,615	3,009	2,540
78	94	8 983	45,866	129,941	2,833	2,364
79	95	6 601	31,499	84,075	2,669	2,200
80	96	4 684	20,887	52,576	2,517	2,048
81	97	3 157	13,158	31,689	2,408	1,939
82	98	2 070	8,064	18,532	2,298	1,829
83	99	1 319	4,800	10,468	2,181	1,711
84	100	803	2,732	5,668	2,074	1,605

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 541	99 540,511	1 483 207,803	14,901	14,431
1	18	99 172	92 684,501	1 383 667,292	14,929	14,459
2	19	99 125	86 580,025	1 290 982,791	14,911	14,441
3	20	99 093	80 889,138	1 204 402,766	14,890	14,420
4	21	99 064	75 575,115	1 123 513,628	14,866	14,397
5	22	99 037	70 611,778	1 047 938,513	14,841	14,371
6	23	99 011	65 974,944	977 326,735	14,814	14,344
7	24	98 984	61 642,125	911 351,791	14,785	14,315
8	25	98 957	57 594,135	849 709,666	14,753	14,284
9	26	98 930	53 811,453	792 115,531	14,720	14,251
10	27	98 904	50 277,590	738 304,077	14,685	14,215
11	28	98 875	46 974,569	688 026,487	14,647	14,177
12	29	98 844	43 887,724	641 051,918	14,607	14,137
13	30	98 811	41 003,128	597 164,194	14,564	14,094
14	31	98 770	38 304,854	556 161,067	14,519	14,050
15	32	98 726	35 782,833	517 856,212	14,472	14,003
16	33	98 676	33 425,098	482 073,379	14,422	13,953
17	34	98 616	31 219,425	448 648,281	14,371	13,901
18	35	98 549	29 157,174	417 428,856	14,317	13,847
19	36	98 471	27 228,028	388 271,682	14,260	13,790
20	37	98 387	25 424,973	361 043,655	14,200	13,731
21	38	98 297	23 740,122	335 618,682	14,137	13,668
22	39	98 198	22 164,659	311 878,560	14,071	13,601
23	40	98 095	20 692,791	289 713,901	14,001	13,531
24	41	97 987	19 317,881	269 021,110	13,926	13,457
25	42	97 868	18 032,163	249 703,229	13,848	13,378
26	43	97 748	16 831,738	231 671,066	13,764	13,294
27	44	97 614	15 709,100	214 839,328	13,676	13,207
28	45	97 474	14 660,379	199 130,228	13,583	13,113
29	46	97 315	13 678,866	184 469,850	13,486	13,016
30	47	97 146	12 761,762	170 790,984	13,383	12,914
31	48	96 958	11 903,850	158 029,222	13,275	12,806
32	49	96 744	11 100,519	146 125,372	13,164	12,694
33	50	96 514	10 349,616	135 024,853	13,046	12,577
34	51	96 264	9 647,549	124 675,238	12,923	12,453
35	52	95 984	8 990,158	115 027,689	12,795	12,325
36	53	95 683	8 375,690	106 037,531	12,660	12,191
37	54	95 356	7 800,938	97 661,841	12,519	12,050
38	55	94 987	7 262,413	89 860,903	12,373	11,904
39	56	94 578	6 758,051	82 598,490	12,222	11,753
40	57	94 134	6 286,333	75 840,438	12,064	11,595
41	58	93 649	5 844,780	69 554,105	11,900	11,431
42	59	93 117	5 431,399	63 709,325	11,730	11,260
43	60	92 546	5 044,905	58 277,927	11,552	11,082
44	61	91 916	4 682,768	53 233,022	11,368	10,898
45	62	91 229	4 343,710	48 550,254	11,177	10,708
46	63	90 491	4 026,737	44 206,544	10,978	10,509
47	64	89 685	3 729,762	40 179,807	10,773	10,303
48	65	88 804	3 451,518	36 450,045	10,561	10,091
49	66	87 862	3 191,510	32 998,527	10,339	9,870
50	67	86 833	2 947,800	29 807,017	10,112	9,642
51	68	85 724	2 719,759	26 859,217	9,876	9,406
52	69	84 513	2 505,918	24 139,458	9,633	9,163
53	70	83 191	2 305,333	21 633,540	9,384	8,915
54	71	81 757	2 117,379	19 328,207	9,128	8,659
55	72	80 208	1 941,369	17 210,828	8,865	8,396
56	73	78 552	1 776,918	15 269,459	8,593	8,124
57	74	76 754	1 622,649	13 492,541	8,315	7,846
58	75	74 832	1 478,515	11 869,891	8,028	7,559
59	76	72 794	1 344,162	10 391,377	7,731	7,261
60	77	70 587	1 218,149	9 047,215	7,427	6,958
61	78	68 230	1 100,440	7 829,066	7,114	6,645
62	79	65 639	989,396	6 728,626	6,801	6,331
63	80	62 818	884,926	5 739,230	6,486	6,016
64	81	59 742	786,537	4 854,303	6,172	5,702
65	82	56 378	693,683	4 067,766	5,864	5,395
66	83	52 767	606,785	3 374,084	5,561	5,091
67	84	48 948	526,046	2 767,298	5,261	4,791
68	85	44 935	451,324	2 241,252	4,966	4,496
69	86	40 718	382,215	1 789,928	4,683	4,214
70	87	36 384	319,189	1 407,713	4,410	3,941
71	88	32 017	262,505	1 088,525	4,147	3,677
72	89	27 662	211,960	826,020	3,897	3,428
73	90	23 449	167,921	614,060	3,657	3,187
74	91	19 416	129,946	446,139	3,433	2,964
75	92	15 659	97,944	316,193	3,228	2,759
76	93	12 295	71,873	218,249	3,037	2,567
77	94	9 364	51,159	146,377	2,861	2,392
78	95	6 915	35,309	95,218	2,697	2,227
79	96	4 932	23,537	59,909	2,545	2,076
80	97	3 346	14,920	36,372	2,438	1,968
81	98	2 213	9,223	21,452	2,326	1,856
82	99	1 422	5,539	12,229	2,208	1,738
83	100	874	3,183	6,690	2,102	1,632

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 527	99 526,958	1 481 514,091	14,886	14,416
1	19	99 153	92 666,241	1 381 987,134	14,914	14,444
2	20	99 108	86 564,891	1 289 320,893	14,894	14,425
3	21	99 074	80 874,183	1 202 756,002	14,872	14,402
4	22	99 047	75 562,653	1 121 881,819	14,847	14,378
5	23	99 021	70 600,282	1 046 319,166	14,820	14,351
6	24	98 993	65 963,071	975 718,884	14,792	14,322
7	25	98 966	61 631,034	909 755,813	14,761	14,292
8	26	98 939	57 583,180	848 124,780	14,729	14,259
9	27	98 912	53 801,326	790 541,600	14,694	14,224
10	28	98 882	50 266,771	736 740,274	14,657	14,187
11	29	98 851	46 963,499	686 473,503	14,617	14,148
12	30	98 818	43 876,367	639 510,003	14,575	14,106
13	31	98 780	40 990,125	595 633,636	14,531	14,062
14	32	98 739	38 292,827	554 643,511	14,484	14,015
15	33	98 692	35 770,573	516 350,685	14,435	13,966
16	34	98 641	33 413,054	480 580,112	14,383	13,913
17	35	98 576	31 206,750	447 167,058	14,329	13,860
18	36	98 509	29 145,157	415 960,308	14,272	13,803
19	37	98 426	27 215,544	386 815,151	14,213	13,744
20	38	98 340	25 412,904	359 599,607	14,150	13,681
21	39	98 238	23 725,800	334 186,703	14,085	13,616
22	40	98 139	22 151,335	310 460,902	14,015	13,546
23	41	98 028	20 678,602	288 309,567	13,942	13,473
24	42	97 915	19 303,581	267 630,966	13,864	13,395
25	43	97 791	18 017,850	248 327,385	13,782	13,313
26	44	97 659	16 816,453	230 309,535	13,695	13,226
27	45	97 520	15 693,853	213 493,081	13,604	13,134
28	46	97 362	14 643,487	197 799,228	13,508	13,038
29	47	97 196	13 662,212	183 155,742	13,406	12,936
30	48	97 013	12 744,274	169 493,530	13,300	12,830
31	49	96 804	11 884,875	156 749,256	13,189	12,719
32	50	96 575	11 081,114	144 864,381	13,073	12,604
33	51	96 335	10 330,436	133 783,267	12,950	12,481
34	52	96 058	9 626,877	123 452,831	12,824	12,354
35	53	95 760	8 969,184	113 825,954	12,691	12,221
36	54	95 438	8 354,184	104 856,770	12,551	12,082
37	55	95 080	7 778,404	96 502,586	12,406	11,937
38	56	94 679	7 238,843	88 724,183	12,257	11,787
39	57	94 239	6 733,878	81 485,339	12,101	11,631
40	58	93 765	6 261,665	74 751,461	11,938	11,468
41	59	93 242	5 819,359	68 489,796	11,769	11,300
42	60	92 679	5 405,837	62 670,438	11,593	11,124
43	61	92 057	5 018,288	57 264,601	11,411	10,942
44	62	91 393	4 656,142	52 246,313	11,221	10,751
45	63	90 669	4 317,064	47 590,171	11,024	10,554
46	64	89 881	3 999,561	43 273,107	10,819	10,350
47	65	89 015	3 701,890	39 273,546	10,609	10,140
48	66	88 096	3 424,008	35 571,656	10,389	9,919
49	67	87 092	3 163,546	32 147,648	10,162	9,692
50	68	86 010	2 919,848	28 984,102	9,927	9,457
51	69	84 827	2 691,295	26 064,254	9,685	9,215
52	70	83 536	2 476,963	23 372,959	9,436	8,967
53	71	82 142	2 276,289	20 895,996	9,180	8,710
54	72	80 636	2 088,367	18 619,707	8,916	8,446
55	73	79 020	1 912,611	16 531,340	8,643	8,174
56	74	77 263	1 747,748	14 618,729	8,364	7,895
57	75	75 384	1 593,696	12 870,981	8,076	7,607
58	76	73 392	1 450,081	11 277,285	7,777	7,307
59	77	71 224	1 315,174	9 827,205	7,472	7,003
60	78	68 908	1 189,162	8 512,031	7,158	6,688
61	79	66 357	1 070,235	7 322,869	6,842	6,373
62	80	63 577	958,315	6 252,634	6,525	6,055
63	81	60 528	852,661	5 294,320	6,209	5,740
64	82	57 193	752,972	4 441,659	5,899	5,429
65	83	53 594	659,430	3 688,687	5,594	5,124
66	84	49 775	572,374	3 029,257	5,292	4,823
67	85	45 759	491,767	2 456,883	4,996	4,527
68	86	41 514	416,967	1 965,116	4,713	4,243
69	87	37 168	348,893	1 548,149	4,437	3,968
70	88	32 748	287,287	1 199,256	4,174	3,705
71	89	28 361	232,526	911,968	3,922	3,452
72	90	24 079	184,507	679,442	3,682	3,213
73	91	19 991	143,157	494,935	3,457	2,988
74	92	16 161	108,162	351,778	3,252	2,783
75	93	12 723	79,579	243,616	3,061	2,592
76	94	9 726	56,853	164,037	2,885	2,416
77	95	7 209	39,384	107,184	2,722	2,252
78	96	5 167	26,384	67,800	2,570	2,100
79	97	3 523	16,813	41,416	2,463	1,994
80	98	2 345	10,459	24,603	2,352	1,883
81	99	1 520	6,335	14,144	2,233	1,763
82	100	943	3,672	7,809	2,126	1,657

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 507	99 507,349	1 479 702,037	14,870	14,401
1	20	99 136	92 650,044	1 380 194,688	14,897	14,427
2	21	99 090	86 548,887	1 287 544,644	14,877	14,407
3	22	99 058	80 860,847	1 200 995,757	14,853	14,383
4	23	99 031	75 550,350	1 120 134,910	14,826	14,357
5	24	99 003	70 587,577	1 044 584,559	14,798	14,329
6	25	98 975	65 951,201	973 996,983	14,768	14,299
7	26	98 947	61 619,310	908 045,781	14,736	14,267
8	27	98 920	57 572,343	846 426,471	14,702	14,232
9	28	98 890	53 789,749	788 854,129	14,666	14,196
10	29	98 859	50 254,926	735 064,380	14,627	14,157
11	30	98 826	46 951,347	684 809,453	14,586	14,116
12	31	98 787	43 862,453	637 858,107	14,542	14,073
13	32	98 749	40 977,254	593 995,654	14,496	14,026
14	33	98 706	38 279,706	553 018,400	14,447	13,977
15	34	98 657	35 757,684	514 738,694	14,395	13,926
16	35	98 601	33 399,488	478 981,010	14,341	13,871
17	36	98 536	31 193,889	445 581,522	14,284	13,815
18	37	98 463	29 131,794	414 387,633	14,225	13,755
19	38	98 379	27 202,625	385 255,839	14,162	13,693
20	39	98 281	25 397,574	358 053,214	14,098	13,628
21	40	98 179	23 711,538	332 655,639	14,029	13,560
22	41	98 072	22 136,146	308 944,102	13,957	13,487
23	42	97 955	20 663,294	286 807,956	13,880	13,411
24	43	97 837	19 288,258	266 144,662	13,798	13,329
25	44	97 702	18 001,488	246 856,403	13,713	13,244
26	45	97 564	16 800,132	228 854,915	13,622	13,153
27	46	97 407	15 675,770	212 054,783	13,528	13,058
28	47	97 244	14 625,658	196 379,013	13,427	12,958
29	48	97 063	13 643,490	181 753,355	13,322	12,852
30	49	96 858	12 723,959	168 109,865	13,212	12,743
31	50	96 634	11 864,099	155 385,906	13,097	12,628
32	51	96 396	11 060,579	143 521,807	12,976	12,506
33	52	96 128	10 308,301	132 461,228	12,850	12,380
34	53	95 834	9 604,418	122 152,927	12,718	12,249
35	54	95 514	8 946,154	112 548,509	12,581	12,111
36	55	95 162	8 330,051	103 602,355	12,437	11,968
37	56	94 772	7 753,159	95 272,304	12,288	11,819
38	57	94 340	7 212,950	87 519,144	12,134	11,664
39	58	93 870	6 707,453	80 306,194	11,973	11,503
40	59	93 357	6 234,430	73 598,741	11,805	11,336
41	60	92 803	5 791,971	67 364,311	11,631	11,161
42	61	92 190	5 377,316	61 572,340	11,450	10,981
43	62	91 534	4 989,755	56 195,024	11,262	10,793
44	63	90 832	4 627,579	51 205,270	11,065	10,596
45	64	90 057	4 287,929	46 577,691	10,863	10,393
46	65	89 209	3 969,673	42 289,762	10,653	10,184
47	66	88 305	3 672,385	38 320,088	10,435	9,965
48	67	87 324	3 394,007	34 647,704	10,208	9,739
49	68	86 266	3 133,548	31 253,697	9,974	9,504
50	69	85 110	2 889,290	28 120,149	9,733	9,263
51	70	83 847	2 660,198	25 230,859	9,485	9,015
52	71	82 484	2 445,756	22 570,661	9,229	8,759
53	72	81 017	2 245,099	20 124,905	8,964	8,494
54	73	79 442	2 057,431	17 879,805	8,690	8,221
55	74	77 722	1 881,213	15 822,374	8,411	7,941
56	75	75 884	1 716,562	13 941,161	8,122	7,652
57	76	73 935	1 563,047	12 224,599	7,821	7,351
58	77	71 810	1 418,808	10 661,551	7,514	7,045
59	78	69 529	1 283,877	9 242,743	7,199	6,730
60	79	67 016	1 156,522	7 958,866	6,882	6,412
61	80	64 273	1 036,614	6 802,344	6,562	6,093
62	81	61 259	923,373	5 765,730	6,244	5,775
63	82	57 945	816,274	4 842,357	5,932	5,463
64	83	54 369	715,791	4 026,083	5,625	5,155
65	84	50 554	622,032	3 310,292	5,322	4,852
66	85	46 531	535,076	2 688,259	5,024	4,555
67	86	42 275	454,331	2 153,183	4,739	4,270
68	87	37 895	380,616	1 698,852	4,463	3,994
69	88	33 454	314,023	1 318,236	4,198	3,728
70	89	29 008	254,478	1 004,213	3,946	3,477
71	90	24 688	202,410	749,734	3,704	3,235
72	91	20 528	157,297	547,324	3,480	3,010
73	92	16 640	119,159	390,028	3,273	2,804
74	93	13 131	87,882	270,869	3,082	2,613
75	94	10 064	62,949	182,987	2,907	2,437
76	95	7 487	43,767	120,038	2,743	2,273
77	96	5 387	29,428	76,270	2,592	2,122
78	97	3 691	18,847	46,842	2,485	2,016
79	98	2 470	11,786	27,995	2,375	1,906
80	99	1 611	7,184	16,209	2,256	1,787
81	100	1 008	4,200	9,025	2,149	1,679

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 490	99 489,956	1 477 769,850	14,853	14,384
1	21	99 117	92 632,914	1 378 279,894	14,879	14,409
2	22	99 073	86 534,616	1 285 646,980	14,857	14,388
3	23	99 042	80 847,683	1 199 112,364	14,832	14,362
4	24	99 013	75 536,754	1 118 264,681	14,804	14,335
5	25	98 985	70 574,875	1 042 727,927	14,775	14,305
6	26	98 956	65 938,656	972 153,052	14,743	14,274
7	27	98 929	61 607,713	906 214,396	14,709	14,240
8	28	98 899	57 559,954	844 606,683	14,674	14,204
9	29	98 867	53 777,074	787 046,729	14,635	14,166
10	30	98 833	50 241,922	733 269,655	14,595	14,125
11	31	98 794	46 936,457	683 027,733	14,552	14,083
12	32	98 756	43 848,680	636 091,276	14,507	14,037
13	33	98 715	40 963,214	592 242,596	14,458	13,988
14	34	98 670	38 265,913	551 279,383	14,407	13,937
15	35	98 617	35 743,166	513 013,470	14,353	13,883
16	36	98 560	33 385,723	477 270,303	14,296	13,826
17	37	98 491	31 179,586	443 884,580	14,236	13,767
18	38	98 417	29 117,966	412 704,994	14,174	13,704
19	39	98 320	27 186,215	383 587,027	14,110	13,640
20	40	98 222	25 382,306	356 400,812	14,041	13,572
21	41	98 112	23 695,279	331 018,505	13,970	13,500
22	42	97 999	22 119,759	307 323,226	13,894	13,424
23	43	97 877	20 646,892	285 203,467	13,813	13,344
24	44	97 748	19 270,743	264 556,575	13,728	13,259
25	45	97 607	17 984,017	245 285,831	13,639	13,170
26	46	97 452	16 780,774	227 301,815	13,545	13,076
27	47	97 289	15 656,685	210 521,041	13,446	12,977
28	48	97 110	14 605,616	194 864,356	13,342	12,872
29	49	96 909	13 621,742	180 258,740	13,233	12,764
30	50	96 689	12 701,717	166 636,998	13,119	12,650
31	51	96 455	11 842,112	153 935,281	12,999	12,529
32	52	96 189	11 036,879	142 093,169	12,874	12,405
33	53	95 904	10 284,252	131 056,289	12,743	12,274
34	54	95 588	9 579,757	120 772,037	12,607	12,137
35	55	95 238	8 920,311	111 192,281	12,465	11,996
36	56	94 853	8 303,017	102 271,969	12,317	11,848
37	57	94 433	7 725,427	93 968,953	12,164	11,694
38	58	93 970	7 184,646	86 243,526	12,004	11,534
39	59	93 461	6 678,280	79 058,880	11,838	11,369
40	60	92 918	6 205,089	72 380,600	11,665	11,195
41	61	92 313	5 761,412	66 175,512	11,486	11,016
42	62	91 666	5 346,741	60 414,099	11,299	10,830
43	63	90 972	4 959,145	55 067,358	11,104	10,635
44	64	90 219	4 596,348	50 108,213	10,902	10,432
45	65	89 384	4 255,886	45 511,865	10,694	10,224
46	66	88 498	3 938,033	41 255,978	10,476	10,007
47	67	87 531	3 640,207	37 317,945	10,252	9,782
48	68	86 496	3 361,824	33 677,738	10,018	9,548
49	69	85 364	3 100,754	30 315,914	9,777	9,307
50	70	84 126	2 855,906	27 215,161	9,529	9,060
51	71	82 790	2 626,683	24 359,255	9,274	8,804
52	72	81 354	2 412,245	21 732,572	9,009	8,540
53	73	79 817	2 211,841	19 320,328	8,735	8,265
54	74	78 138	2 023,656	17 108,486	8,454	7,985
55	75	76 336	1 847,646	15 084,830	8,164	7,695
56	76	74 425	1 683,551	13 237,184	7,863	7,393
57	77	72 340	1 529,339	11 553,633	7,555	7,085
58	78	70 101	1 385,046	10 024,295	7,238	6,768
59	79	67 621	1 248,637	8 639,249	6,919	6,449
60	80	64 911	1 120,190	7 390,612	6,598	6,128
61	81	61 929	998,818	6 270,422	6,278	5,808
62	82	58 645	883,969	5 271,604	5,964	5,494
63	83	55 083	775,967	4 387,635	5,654	5,185
64	84	51 285	675,198	3 611,668	5,349	4,880
65	85	47 260	581,499	2 936,470	5,050	4,580
66	86	42 989	494,344	2 354,971	4,764	4,294
67	87	38 590	414,723	1 860,627	4,486	4,017
68	88	34 108	342,575	1 445,905	4,221	3,751
69	89	29 633	278,161	1 103,329	3,967	3,497
70	90	25 251	221,519	825,168	3,725	3,256
71	91	21 047	172,559	603,649	3,498	3,029
72	92	17 087	130,928	431,090	3,293	2,823
73	93	13 520	96,816	300,162	3,100	2,631
74	94	10 387	69,517	203,345	2,925	2,456
75	95	7 748	48,461	133,829	2,762	2,292
76	96	5 595	32,704	85,368	2,610	2,141
77	97	3 848	21,022	52,664	2,505	2,036
78	98	2 588	13,212	31,642	2,395	1,926
79	99	1 697	8,095	18,431	2,277	1,807
80	100	1 068	4,763	10,335	2,170	1,700

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 472	99 471,563	1 475 706,773	14,835	14,366
1	22	99 101	92 617,640	1 376 235,211	14,859	14,390
2	23	99 057	86 520,527	1 283 617,571	14,836	14,366
3	24	99 024	80 833,133	1 197 097,044	14,809	14,340
4	25	98 995	75 523,162	1 116 263,911	14,780	14,311
5	26	98 966	70 561,450	1 040 740,749	14,749	14,280
6	27	98 938	65 926,246	970 179,299	14,716	14,247
7	28	98 907	61 594,456	904 253,052	14,681	14,211
8	29	98 875	57 546,390	842 658,596	14,643	14,174
9	30	98 841	53 763,158	785 112,206	14,603	14,134
10	31	98 802	50 225,989	731 349,048	14,561	14,092
11	32	98 763	46 921,719	681 123,059	14,516	14,047
12	33	98 722	43 833,656	634 201,340	14,468	13,999
13	34	98 679	40 948,453	590 367,684	14,417	13,948
14	35	98 630	38 250,377	549 419,231	14,364	13,894
15	36	98 576	35 728,436	511 168,853	14,307	13,838
16	37	98 515	33 370,416	475 440,418	14,247	13,778
17	38	98 444	31 164,787	442 070,002	14,185	13,715
18	39	98 357	29 100,401	410 905,215	14,120	13,651
19	40	98 261	27 169,872	381 804,814	14,053	13,583
20	41	98 154	25 364,902	354 634,942	13,981	13,512
21	42	98 039	23 677,738	329 270,040	13,906	13,437
22	43	97 922	22 102,202	305 592,302	13,826	13,357
23	44	97 788	20 628,144	283 490,100	13,743	13,273
24	45	97 653	19 252,040	262 861,956	13,654	13,184
25	46	97 495	17 963,295	243 609,917	13,562	13,092
26	47	97 333	16 760,343	225 646,622	13,463	12,994
27	48	97 155	15 635,230	208 886,279	13,360	12,890
28	49	96 956	14 582,334	193 251,048	13,252	12,783
29	50	96 739	13 597,930	178 668,714	13,139	12,670
30	51	96 510	12 678,178	165 070,784	13,020	12,551
31	52	96 249	11 816,738	152 392,606	12,896	12,427
32	53	95 965	11 011,131	140 575,868	12,767	12,297
33	54	95 658	10 257,845	129 564,737	12,631	12,161
34	55	95 312	9 552,084	119 306,892	12,490	12,021
35	56	94 929	8 891,361	109 754,808	12,344	11,874
36	57	94 514	8 273,317	100 863,447	12,191	11,722
37	58	94 062	7 695,111	92 590,130	12,032	11,563
38	59	93 561	7 153,397	84 895,019	11,868	11,398
39	60	93 021	6 646,849	77 741,622	11,696	11,226
40	61	92 428	6 172,351	71 094,773	11,518	11,049
41	62	91 788	5 728,654	64 922,422	11,333	10,863
42	63	91 104	5 313,942	59 193,768	11,139	10,670
43	64	90 358	4 925,677	53 879,827	10,939	10,469
44	65	89 545	4 562,001	48 954,150	10,731	10,261
45	66	88 672	4 221,965	44 392,149	10,515	10,045
46	67	87 723	3 903,528	40 170,184	10,291	9,821
47	68	86 701	3 605,690	36 266,656	10,058	9,589
48	69	85 591	3 326,640	32 660,966	9,818	9,348
49	70	84 377	3 064,926	29 334,326	9,571	9,101
50	71	83 067	2 819,925	26 269,400	9,316	8,846
51	72	81 656	2 590,693	23 449,476	9,051	8,582
52	73	80 149	2 376,511	20 858,783	8,777	8,308
53	74	78 506	2 175,531	18 482,273	8,496	8,026
54	75	76 743	1 987,548	16 306,741	8,204	7,735
55	76	74 867	1 812,113	14 319,193	7,902	7,432
56	77	72 820	1 647,243	12 507,080	7,593	7,123
57	78	70 619	1 492,946	10 859,837	7,274	6,805
58	79	68 177	1 347,029	9 366,891	6,954	6,484
59	80	65 496	1 209,412	8 019,862	6,631	6,162
60	81	62 544	1 079,346	6 810,450	6,310	5,840
61	82	59 287	956,194	5 731,104	5,994	5,524
62	83	55 749	840,320	4 774,910	5,682	5,213
63	84	51 960	731,961	3 934,590	5,375	4,906
64	85	47 943	631,200	3 202,629	5,074	4,604
65	86	43 662	537,232	2 571,429	4,786	4,317
66	87	39 241	451,247	2 034,197	4,508	4,038
67	88	34 733	373,273	1 582,950	4,241	3,771
68	89	30 213	303,453	1 209,677	3,986	3,517
69	90	25 795	242,134	906,224	3,743	3,273
70	91	21 527	188,850	664,090	3,516	3,047
71	92	17 519	143,632	475,240	3,309	2,839
72	93	13 883	106,379	331,608	3,117	2,648
73	94	10 694	76,584	225,229	2,941	2,471
74	95	7 996	53,516	148,644	2,778	2,308
75	96	5 789	36,211	95,128	2,627	2,158
76	97	3 996	23,362	58,917	2,522	2,052
77	98	2 697	14,736	35,555	2,413	1,943
78	99	1 777	9,075	20,819	2,294	1,825
79	100	1 125	5,368	11,744	2,188	1,718

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 455	99 455,160	1 473 504,764	14,816	14,346
1	23	99 085	92 602,561	1 374 049,604	14,838	14,369
2	24	99 040	86 504,956	1 281 447,044	14,814	14,344
3	25	99 006	80 818,588	1 194 942,087	14,785	14,316
4	26	98 977	75 508,796	1 114 123,499	14,755	14,285
5	27	98 947	70 548,171	1 038 614,704	14,722	14,253
6	28	98 916	65 912,060	968 066,533	14,687	14,218
7	29	98 884	61 579,942	902 154,473	14,650	14,181
8	30	98 850	57 531,499	840 574,531	14,611	14,141
9	31	98 810	53 746,108	783 043,032	14,569	14,100
10	32	98 771	50 210,218	729 296,923	14,525	14,055
11	33	98 729	46 905,642	679 086,705	14,478	14,008
12	34	98 686	43 817,861	632 181,063	14,427	13,958
13	35	98 639	40 931,828	588 363,202	14,374	13,905
14	36	98 589	38 234,613	547 431,373	14,318	13,848
15	37	98 531	35 712,054	509 196,760	14,258	13,789
16	38	98 468	33 354,576	473 484,706	14,195	13,726
17	39	98 384	31 145,987	440 130,130	14,131	13,662
18	40	98 298	29 082,907	408 984,144	14,063	13,593
19	41	98 193	27 151,242	379 901,236	13,992	13,523
20	42	98 082	25 346,125	352 749,994	13,917	13,448
21	43	97 961	23 658,944	327 403,869	13,838	13,369
22	44	97 833	22 082,131	303 744,925	13,755	13,286
23	45	97 693	20 608,122	281 662,793	13,668	13,198
24	46	97 541	19 229,857	261 054,671	13,575	13,106
25	47	97 376	17 941,424	241 824,814	13,479	13,009
26	48	97 200	16 737,377	223 883,390	13,376	12,907
27	49	97 000	15 610,307	207 146,014	13,270	12,800
28	50	96 786	14 556,843	191 535,707	13,158	12,688
29	51	96 560	13 572,730	176 978,863	13,039	12,570
30	52	96 303	12 651,012	163 406,133	12,916	12,447
31	53	96 024	11 789,170	150 755,121	12,788	12,318
32	54	95 719	10 982,858	138 965,950	12,653	12,183
33	55	95 382	10 228,213	127 983,093	12,513	12,043
34	56	95 002	9 521,083	117 754,879	12,368	11,898
35	57	94 590	8 859,557	108 233,796	12,217	11,747
36	58	94 143	8 240,852	99 374,239	12,059	11,589
37	59	93 653	7 661,642	91 133,388	11,895	11,425
38	60	93 121	7 119,730	83 471,746	11,724	11,254
39	61	92 531	6 611,781	76 352,015	11,548	11,078
40	62	91 902	6 137,256	69 740,235	11,363	10,894
41	63	91 225	5 693,512	63 602,979	11,171	10,702
42	64	90 489	5 278,078	57 909,467	10,972	10,502
43	65	89 683	4 888,869	52 631,389	10,766	10,296
44	66	88 831	4 525,640	47 742,520	10,549	10,080
45	67	87 895	4 184,972	43 216,880	10,327	9,857
46	68	86 891	3 866,514	39 031,909	10,095	9,625
47	69	85 794	3 567,954	35 165,395	9,856	9,386
48	70	84 602	3 288,202	31 597,441	9,609	9,140
49	71	83 314	3 026,311	28 309,239	9,354	8,885
50	72	81 928	2 781,287	25 282,928	9,090	8,621
51	73	80 446	2 552,315	22 501,641	8,816	8,347
52	74	78 833	2 337,498	19 949,326	8,534	8,065
53	75	77 106	2 136,713	17 611,828	8,242	7,773
54	76	75 268	1 949,324	15 475,115	7,939	7,469
55	77	73 253	1 773,033	13 525,791	7,629	7,159
56	78	71 087	1 608,045	11 752,758	7,309	6,839
57	79	68 680	1 451,967	10 144,713	6,987	6,517
58	80	66 035	1 304,713	8 692,746	6,663	6,193
59	81	63 108	1 165,315	7 388,033	6,340	5,870
60	82	59 875	1 033,286	6 222,718	6,022	5,553
61	83	56 359	908,978	5 189,431	5,709	5,240
62	84	52 588	792,664	4 280,453	5,400	4,931
63	85	48 574	684,264	3 487,789	5,097	4,628
64	86	44 294	583,150	2 803,525	4,808	4,338
65	87	39 856	490,396	2 220,375	4,528	4,058
66	88	35 319	406,147	1 729,978	4,259	3,790
67	89	30 766	330,645	1 323,832	4,004	3,534
68	90	26 299	264,150	993,187	3,760	3,290
69	91	21 991	206,425	729,037	3,532	3,062
70	92	17 918	157,192	522,612	3,325	2,855
71	93	14 234	116,701	365,420	3,131	2,662
72	94	10 982	84,149	248,719	2,956	2,486
73	95	8 233	58,957	164,570	2,791	2,322
74	96	5 975	39,989	105,613	2,641	2,172
75	97	4 136	25,867	65,624	2,537	2,067
76	98	2 801	16,376	39,757	2,428	1,958
77	99	1 853	10,122	23,381	2,310	1,840
78	100	1 178	6,017	13,259	2,204	1,734

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 439	99 438,968	1 471 152,031	14,795	14,325
1	24	99 067	92 585,895	1 371 713,063	14,816	14,346
2	25	99 022	86 489,391	1 279 127,167	14,789	14,320
3	26	98 987	80 803,214	1 192 637,776	14,760	14,290
4	27	98 958	75 494,585	1 111 834,562	14,727	14,258
5	28	98 926	70 532,990	1 036 339,977	14,693	14,223
6	29	98 893	65 896,528	965 806,987	14,656	14,187
7	30	98 858	61 564,007	899 910,458	14,617	14,148
8	31	98 818	57 513,254	838 346,451	14,577	14,107
9	32	98 779	53 729,232	780 833,197	14,533	14,063
10	33	98 737	50 193,014	727 103,965	14,486	14,017
11	34	98 694	46 888,741	676 910,951	14,437	13,967
12	35	98 646	43 800,072	630 022,210	14,384	13,915
13	36	98 599	40 914,959	586 222,139	14,328	13,858
14	37	98 544	38 217,083	545 307,179	14,269	13,799
15	38	98 484	35 695,103	507 090,097	14,206	13,737
16	39	98 409	33 334,455	471 394,994	14,141	13,672
17	40	98 325	31 127,263	438 060,539	14,073	13,604
18	41	98 231	29 062,965	406 933,276	14,002	13,532
19	42	98 121	27 131,143	377 870,310	13,928	13,458
20	43	98 004	25 326,007	350 739,167	13,849	13,379
21	44	97 872	23 637,460	325 413,161	13,767	13,297
22	45	97 738	22 060,699	301 775,701	13,679	13,210
23	46	97 581	20 584,377	279 715,002	13,589	13,119
24	47	97 422	19 206,444	259 130,625	13,492	13,022
25	48	97 242	17 916,839	239 924,181	13,391	12,921
26	49	97 045	16 710,696	222 007,342	13,285	12,816
27	50	96 831	15 583,019	205 296,645	13,174	12,705
28	51	96 607	14 529,866	189 713,626	13,057	12,587
29	52	96 353	13 543,648	175 183,760	12,935	12,465
30	53	96 078	12 621,498	161 640,112	12,807	12,337
31	54	95 778	11 758,900	149 018,614	12,673	12,203
32	55	95 442	10 951,131	137 259,714	12,534	12,064
33	56	95 072	10 195,018	126 308,582	12,389	11,920
34	57	94 663	9 487,026	116 113,564	12,239	11,770
35	58	94 219	8 824,791	106 626,538	12,083	11,613
36	59	93 734	8 205,009	97 801,747	11,920	11,450
37	60	93 212	7 625,583	89 596,738	11,749	11,280
38	61	92 630	7 082,167	81 971,155	11,574	11,105
39	62	92 005	6 574,187	74 888,988	11,391	10,922
40	63	91 338	6 099,607	68 314,801	11,200	10,730
41	64	90 610	5 655,087	62 215,194	11,002	10,532
42	65	89 813	5 238,637	56 560,107	10,797	10,327
43	66	88 968	4 849,902	51 321,470	10,582	10,112
44	67	88 053	4 485,986	46 471,568	10,359	9,890
45	68	87 061	4 145,289	41 985,582	10,129	9,659
46	69	85 981	3 826,048	37 840,293	9,890	9,421
47	70	84 803	3 526,727	34 014,245	9,645	9,175
48	71	83 536	3 246,775	30 487,518	9,390	8,921
49	72	82 173	2 984,845	27 240,743	9,126	8,657
50	73	80 715	2 740,086	24 255,897	8,852	8,383
51	74	79 126	2 510,416	21 515,812	8,571	8,101
52	75	77 426	2 295,789	19 005,396	8,278	7,809
53	76	75 623	2 095,621	16 709,606	7,974	7,504
54	77	73 644	1 907,285	14 613,985	7,662	7,193
55	78	71 510	1 730,841	12 706,700	7,341	6,872
56	79	69 136	1 563,907	10 975,858	7,018	6,549
57	80	66 523	1 406,354	9 411,952	6,692	6,223
58	81	63 627	1 257,141	8 005,597	6,368	5,899
59	82	60 415	1 115,587	6 748,456	6,049	5,580
60	83	56 919	982,264	5 632,870	5,735	5,265
61	84	53 163	857,429	4 650,606	5,424	4,954
62	85	49 161	741,011	3 793,177	5,119	4,649
63	86	44 876	632,175	3 052,165	4,828	4,359
64	87	40 432	532,311	2 419,990	4,546	4,077
65	88	35 873	441,384	1 887,680	4,277	3,807
66	89	31 286	359,764	1 446,296	4,020	3,551
67	90	26 781	287,820	1 086,532	3,775	3,306
68	91	22 421	225,194	798,712	3,547	3,077
69	92	18 304	171,821	573,518	3,338	2,868
70	93	14 559	127,719	401,697	3,145	2,676
71	94	11 259	92,313	273,978	2,968	2,498
72	95	8 454	64,780	181,665	2,804	2,335
73	96	6 152	44,054	116,884	2,653	2,184
74	97	4 268	28,566	72,830	2,550	2,080
75	98	2 899	18,132	44,264	2,441	1,972
76	99	1 924	11,249	26,132	2,323	1,854
77	100	1 228	6,711	14,883	2,218	1,748

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 421	99 421,072	1 468 637,873	14,772	14,302
1	25	99 049	92 569,236	1 369 216,801	14,791	14,322
2	26	99 003	86 472,939	1 276 647,565	14,764	14,294
3	27	98 969	80 788,007	1 190 174,627	14,732	14,263
4	28	98 937	75 478,340	1 109 386,619	14,698	14,229
5	29	98 903	70 516,369	1 033 908,279	14,662	14,192
6	30	98 867	65 879,477	963 391,910	14,624	14,154
7	31	98 827	61 544,483	897 512,433	14,583	14,114
8	32	98 787	57 495,195	835 967,950	14,540	14,070
9	33	98 745	53 710,823	778 472,755	14,494	14,024
10	34	98 702	50 174,928	724 761,932	14,445	13,975
11	35	98 654	46 869,704	674 587,004	14,393	13,923
12	36	98 605	43 782,020	627 717,300	14,337	13,868
13	37	98 554	40 896,200	583 935,280	14,278	13,809
14	38	98 497	38 198,942	543 039,080	14,216	13,747
15	39	98 425	35 673,570	504 840,138	14,152	13,682
16	40	98 350	33 314,416	469 166,568	14,083	13,613
17	41	98 258	31 105,919	435 852,152	14,012	13,542
18	42	98 158	29 041,451	404 746,232	13,937	13,467
19	43	98 043	27 109,608	375 704,781	13,859	13,389
20	44	97 915	25 303,009	348 595,174	13,777	13,307
21	45	97 777	23 614,518	323 292,165	13,690	13,221
22	46	97 625	22 035,280	299 677,647	13,600	13,130
23	47	97 462	20 559,315	277 642,367	13,504	13,035
24	48	97 289	19 180,126	257 083,052	13,404	12,934
25	49	97 087	17 888,279	237 902,926	13,299	12,830
26	50	96 875	16 681,485	220 014,647	13,189	12,720
27	51	96 651	15 554,141	203 333,163	13,073	12,603
28	52	96 400	14 498,733	187 779,022	12,951	12,482
29	53	96 128	13 512,051	173 280,289	12,824	12,355
30	54	95 831	12 589,090	159 768,237	12,691	12,221
31	55	95 501	11 724,932	147 179,147	12,553	12,083
32	56	95 132	10 915,590	135 454,215	12,409	11,940
33	57	94 732	10 158,551	124 538,625	12,259	11,790
34	58	94 291	9 449,798	114 380,074	12,104	11,634
35	59	93 809	8 786,408	104 930,276	11,942	11,473
36	60	93 292	8 166,393	96 143,868	11,773	11,304
37	61	92 720	7 585,351	87 977,475	11,598	11,129
38	62	92 103	7 041,899	80 392,124	11,416	10,947
39	63	91 440	6 533,858	73 350,225	11,226	10,757
40	64	90 722	6 058,441	66 816,367	11,029	10,559
41	65	89 932	5 612,828	60 757,926	10,825	10,355
42	66	89 097	5 196,883	55 145,098	10,611	10,142
43	67	88 189	4 807,407	49 948,215	10,390	9,920
44	68	87 218	4 443,449	45 140,808	10,159	9,689
45	69	86 150	4 101,906	40 697,359	9,922	9,452
46	70	84 988	3 781,840	36 595,454	9,677	9,207
47	71	83 734	3 482,295	32 813,614	9,423	8,953
48	72	82 391	3 202,288	29 331,319	9,159	8,690
49	73	80 955	2 940,629	26 129,031	8,886	8,416
50	74	79 390	2 695,104	23 188,402	8,604	8,134
51	75	77 714	2 465,622	20 493,298	8,312	7,842
52	76	75 937	2 251,638	18 027,675	8,006	7,537
53	77	73 992	2 050,427	15 776,037	7,694	7,225
54	78	71 892	1 861,899	13 725,610	7,372	6,902
55	79	69 547	1 683,333	11 863,712	7,048	6,578
56	80	66 964	1 514,778	10 180,378	6,721	6,251
57	81	64 097	1 355,077	8 665,601	6,395	5,925
58	82	60 912	1 203,494	7 310,524	6,074	5,605
59	83	57 432	1 060,500	6 107,030	5,759	5,289
60	84	53 691	926,558	5 046,530	5,447	4,977
61	85	49 699	801,556	4 119,972	5,140	4,670
62	86	45 418	684,602	3 318,416	4,847	4,378
63	87	40 964	577,062	2 633,814	4,564	4,095
64	88	36 391	479,109	2 056,752	4,293	3,823
65	89	31 776	390,977	1 577,643	4,035	3,566
66	90	27 234	313,168	1 186,666	3,789	3,320
67	91	22 832	245,374	873,498	3,560	3,090
68	92	18 662	187,444	628,124	3,351	2,881
69	93	14 872	139,604	440,681	3,157	2,687
70	94	11 516	101,029	301,076	2,980	2,511
71	95	8 668	71,066	200,048	2,815	2,345
72	96	6 317	48,405	128,981	2,665	2,195
73	97	4 395	31,470	80,576	2,560	2,091
74	98	2 992	20,024	49,106	2,452	1,983
75	99	1 991	12,455	29,082	2,335	1,865
76	100	1 276	7,458	16,627	2,229	1,760

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 403	99 403,183	1 465 952,921	14,748	14,278
1	26	99 030	92 551,627	1 366 549,738	14,765	14,296
2	27	98 984	86 456,665	1 273 998,112	14,736	14,266
3	28	98 947	80 770,623	1 187 541,447	14,703	14,233
4	29	98 913	75 460,554	1 106 770,824	14,667	14,197
5	30	98 877	70 498,122	1 031 310,269	14,629	14,159
6	31	98 836	65 858,584	960 812,147	14,589	14,120
7	32	98 796	61 525,158	894 953,563	14,546	14,077
8	33	98 754	57 475,495	833 428,405	14,501	14,031
9	34	98 710	53 691,469	775 952,909	14,452	13,983
10	35	98 662	50 154,557	722 261,440	14,401	13,931
11	36	98 613	46 850,388	672 106,883	14,346	13,876
12	37	98 560	43 761,946	625 256,495	14,288	13,818
13	38	98 507	40 876,788	581 494,549	14,226	13,756
14	39	98 438	38 175,899	540 617,761	14,161	13,692
15	40	98 365	35 652,125	502 441,863	14,093	13,623
16	41	98 282	33 291,573	466 789,738	14,021	13,552
17	42	98 185	31 082,893	433 498,165	13,947	13,477
18	43	98 080	29 018,399	402 415,272	13,868	13,398
19	44	97 954	27 084,990	373 396,873	13,786	13,317
20	45	97 820	25 278,450	346 311,883	13,700	13,230
21	46	97 665	23 587,308	321 033,433	13,610	13,141
22	47	97 506	22 008,452	297 446,124	13,515	13,046
23	48	97 328	20 531,143	275 437,672	13,416	12,946
24	49	97 134	19 149,552	254 906,530	13,311	12,842
25	50	96 918	17 857,009	235 756,978	13,202	12,733
26	51	96 696	16 650,571	217 899,969	13,087	12,617
27	52	96 444	15 520,813	201 249,399	12,966	12,497
28	53	96 175	14 464,908	185 728,586	12,840	12,370
29	54	95 881	13 477,357	171 263,678	12,708	12,238
30	55	95 555	12 552,724	157 786,321	12,570	12,100
31	56	95 191	11 686,879	145 233,597	12,427	11,958
32	57	94 792	10 876,546	133 546,718	12,278	11,809
33	58	94 360	10 118,688	122 670,172	12,123	11,654
34	59	93 881	9 408,697	112 551,485	11,962	11,493
35	60	93 367	8 745,056	103 142,788	11,794	11,325
36	61	92 800	8 123,307	94 397,731	11,621	11,151
37	62	92 193	7 542,222	86 274,424	11,439	10,969
38	63	91 538	6 998,701	78 732,202	11,250	10,780
39	64	90 823	6 489,762	71 733,502	11,053	10,584
40	65	90 044	6 013,169	65 243,740	10,850	10,381
41	66	89 216	5 568,091	59 230,571	10,638	10,168
42	67	88 316	5 151,347	53 662,480	10,417	9,948
43	68	87 353	4 761,822	48 511,133	10,188	9,718
44	69	86 305	4 396,945	43 749,311	9,950	9,480
45	70	85 155	4 054,510	39 352,366	9,706	9,236
46	71	83 917	3 734,193	35 297,856	9,453	8,983
47	72	82 587	3 434,581	31 563,663	9,190	8,720
48	73	81 171	3 154,851	28 129,082	8,916	8,447
49	74	79 626	2 892,355	24 974,231	8,635	8,165
50	75	77 973	2 647,015	22 081,876	8,342	7,873
51	76	76 219	2 418,205	19 434,861	8,037	7,567
52	77	74 300	2 203,079	17 016,656	7,724	7,255
53	78	72 231	2 001,634	14 813,577	7,401	6,931
54	79	69 919	1 810,793	12 811,943	7,075	6,606
55	80	67 362	1 630,452	11 001,149	6,747	6,278
56	81	64 522	1 459,547	9 370,697	6,420	5,951
57	82	61 362	1 297,250	7 911,150	6,098	5,629
58	83	57 904	1 144,067	6 613,900	5,781	5,312
59	84	54 175	1 000,358	5 469,833	5,468	4,998
60	85	50 192	866,181	4 469,476	5,160	4,690
61	86	45 915	740,538	3 603,295	4,866	4,396
62	87	41 459	624,919	2 862,757	4,581	4,111
63	88	36 870	519,387	2 237,839	4,309	3,839
64	89	32 235	424,394	1 718,451	4,049	3,580
65	90	27 660	340,338	1 294,058	3,802	3,333
66	91	23 217	266,983	953,720	3,572	3,103
67	92	19 004	204,240	686,736	3,362	2,893
68	93	15 163	152,298	482,496	3,168	2,699
69	94	11 764	110,431	330,198	2,990	2,521
70	95	8 866	77,775	219,767	2,826	2,356
71	96	6 477	53,102	141,992	2,674	2,204
72	97	4 513	34,578	88,890	2,571	2,101
73	98	3 080	22,060	54,311	2,462	1,992
74	99	2 055	13,754	32,252	2,345	1,875
75	100	1 320	8,258	18,497	2,240	1,770

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1	0	99 644	93 125,022	1 400 404,431	15,038	14,568
2	1	99 317	86 747,183	1 307 279,409	15,070	14,600
3	2	99 277	81 039,379	1 220 532,226	15,061	14,591
4	3	99 254	75 720,079	1 139 492,847	15,049	14,579
5	4	99 233	70 751,593	1 063 772,768	15,035	14,566
6	5	99 213	66 110,015	993 021,175	15,021	14,551
7	6	99 195	61 773,941	926 911,159	15,005	14,535
8	7	99 178	57 722,576	865 137,218	14,988	14,518
9	8	99 165	53 939,213	807 414,643	14,969	14,499
10	9	99 150	50 402,934	753 475,430	14,949	14,480
11	10	99 136	47 098,932	703 072,496	14,928	14,458
12	11	99 123	44 011,712	655 973,565	14,905	14,435
13	12	99 108	41 126,429	611 961,853	14,880	14,411
14	13	99 091	38 429,212	570 835,424	14,854	14,385
15	14	99 068	35 906,895	532 406,212	14,827	14,358
16	15	99 043	33 549,388	496 499,317	14,799	14,330
17	16	99 007	31 342,995	462 949,929	14,770	14,301
18	17	98 965	29 280,158	431 606,935	14,741	14,271
19	18	98 914	27 350,424	402 326,777	14,710	14,241
20	19	98 855	25 545,945	374 976,353	14,679	14,209
21	20	98 795	23 860,233	349 430,409	14,645	14,175
22	21	98 736	22 286,126	325 570,175	14,609	14,139
23	22	98 675	20 815,273	303 284,049	14,570	14,101
24	23	98 619	19 442,393	282 468,776	14,528	14,059
25	24	98 554	18 158,564	263 026,383	14,485	14,015
26	25	98 493	16 960,137	244 867,819	14,438	13,968
27	26	98 430	15 840,308	227 907,683	14,388	13,918
28	27	98 366	14 794,404	212 067,375	14,334	13,865
29	28	98 297	13 816,868	197 272,970	14,278	13,808
30	29	98 222	12 903,184	183 456,102	14,218	13,748
31	30	98 142	12 049,162	170 552,918	14,155	13,685
32	31	98 050	11 250,395	158 503,757	14,089	13,619
33	32	97 957	10 504,422	147 253,362	14,018	13,549
34	33	97 852	9 806,672	136 748,940	13,944	13,475
35	34	97 742	9 154,762	126 942,268	13,866	13,397
36	35	97 623	8 545,517	117 787,506	13,784	13,314
37	36	97 499	7 976,312	109 241,989	13,696	13,226
38	37	97 359	7 443,778	101 265,677	13,604	13,135
39	38	97 209	6 946,076	93 821,899	13,507	13,038
40	39	97 042	6 480,517	86 875,823	13,406	12,936
41	40	96 864	6 045,425	80 395,307	13,299	12,829
42	41	96 668	5 638,525	74 349,882	13,186	12,717
43	42	96 458	5 258,162	68 711,357	13,068	12,598
44	43	96 233	4 902,709	63 453,195	12,942	12,473
45	44	95 972	4 569,579	58 550,487	12,813	12,344
46	45	95 691	4 258,133	53 980,908	12,677	12,208
47	46	95 373	3 966,316	49 722,775	12,536	12,067
48	47	95 031	3 693,557	45 756,459	12,388	11,919
49	48	94 649	3 438,039	42 062,901	12,235	11,765
50	49	94 217	3 198,467	38 624,863	12,076	11,607
51	50	93 740	2 974,076	35 426,396	11,912	11,442
52	51	93 220	2 764,089	32 452,320	11,741	11,271
53	52	92 635	2 567,052	29 688,231	11,565	11,096
54	53	91 985	2 382,274	27 121,179	11,385	10,915
55	54	91 261	2 208,901	24 738,906	11,200	10,730
56	55	90 459	2 046,260	22 530,005	11,010	10,541
57	56	89 572	1 893,629	20 483,745	10,817	10,348
58	57	88 597	1 750,486	18 590,116	10,620	10,150
59	58	87 529	1 616,258	16 839,630	10,419	9,949
60	59	86 370	1 490,510	15 223,372	10,214	9,744
61	60	85 118	1 372,814	13 732,862	10,003	9,534
62	61	83 753	1 262,424	12 360,048	9,791	9,321
63	62	82 282	1 159,118	11 097,625	9,574	9,105
64	63	80 716	1 062,670	9 938,506	9,352	8,883
65	64	79 029	972,387	8 875,836	9,128	8,658
66	65	77 229	888,073	7 903,449	8,900	8,430
67	66	75 341	809,687	7 015,376	8,664	8,195
68	67	73 337	736,587	6 205,689	8,425	7,955
69	68	71 248	668,793	5 469,102	8,178	7,708
70	69	69 015	605,449	4 800,309	7,929	7,459
71	70	66 696	546,828	4 194,860	7,671	7,202
72	71	64 233	492,182	3 648,031	7,412	6,942
73	72	61 694	441,802	3 155,849	7,143	6,674
74	73	59 033	395,089	2 714,047	6,869	6,400
75	74	56 259	351,891	2 318,958	6,590	6,120
76	75	53 397	312,142	1 967,067	6,302	5,832
77	76	50 424	275,476	1 654,925	6,008	5,538
78	77	47 328	241,650	1 379,449	5,708	5,239
79	78	44 101	210,443	1 137,799	5,407	4,937
80	79	40 726	181,624	927,356	5,106	4,636
81	80	37 221	155,133	745,733	4,807	4,338
82	81	33 550	130,683	590,599	4,519	4,050
83	82	29 784	108,427	459,917	4,242	3,772
84	83	26 007	88,482	351,490	3,972	3,503
85	84	22 275	70,828	263,008	3,713	3,244
86	85	18 644	55,403	192,180	3,469	2,999
87	86	15 197	42,206	136,776	3,241	2,771
88	87	12 040	31,250	94,570	3,026	2,557
89	88	9 225	22,378	63,320	2,830	2,360
90	89	6 822	15,466	40,943	2,647	2,178
91	90	4 860	10,298	25,476	2,474	2,004
92	91	3 319	6,572	15,178	2,310	1,840
93	92	2 140	3,960	8,607	2,173	1,704
94	93	1 315	2,275	4,647	2,043	1,573
95	94	760	1,228	2,372	1,932	1,462
96	95	415	0,627	1,144	1,824	1,355
97	96	210	0,297	0,517	1,742	1,273
98	97	100	0,131	0,220	1,676	1,206
99	98	45	0,055	0,089	1,613	1,144
100	99	19	0,022	0,034	1,551	1,081

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 616	87 008,674	1 307 969,517	15,033	14,563
3	1	99 301	81 059,477	1 220 960,843	15,063	14,593
4	2	99 266	75 729,487	1 139 901,365	15,052	14,583
5	3	99 243	70 758,890	1 064 171,879	15,039	14,570
6	4	99 223	66 116,342	993 412,988	15,025	14,556
7	5	99 204	61 779,444	927 296,647	15,010	14,540
8	6	99 187	57 727,682	865 517,202	14,993	14,524
9	7	99 170	53 941,719	807 789,520	14,975	14,506
10	8	99 157	50 406,446	753 847,801	14,955	14,486
11	9	99 142	47 101,813	703 441,355	14,934	14,465
12	10	99 129	44 014,286	656 339,542	14,912	14,442
13	11	99 116	41 129,609	612 325,256	14,888	14,418
14	12	99 099	38 432,229	571 195,647	14,862	14,393
15	13	99 078	35 910,279	532 763,417	14,836	14,366
16	14	99 052	33 552,481	496 853,139	14,808	14,339
17	15	99 019	31 346,808	463 300,657	14,780	14,310
18	16	98 980	29 284,470	431 953,849	14,750	14,281
19	17	98 927	27 354,148	402 669,379	14,721	14,251
20	18	98 874	25 550,979	375 315,230	14,689	14,219
21	19	98 812	23 864,405	349 764,252	14,656	14,187
22	20	98 755	22 290,247	325 899,847	14,621	14,151
23	21	98 692	20 818,706	303 609,600	14,584	14,114
24	22	98 635	19 445,559	282 790,894	14,543	14,073
25	23	98 572	18 161,833	263 345,335	14,500	14,030
26	24	98 511	16 963,189	245 183,503	14,454	13,984
27	25	98 448	15 843,322	228 220,314	14,405	13,935
28	26	98 384	14 797,189	212 376,992	14,353	13,883
29	27	98 318	13 819,842	197 579,803	14,297	13,827
30	28	98 245	12 906,225	183 759,961	14,238	13,769
31	29	98 167	12 052,280	170 853,736	14,176	13,707
32	30	98 081	11 253,963	158 801,455	14,111	13,641
33	31	97 988	10 507,721	147 547,492	14,042	13,572
34	32	97 886	9 810,034	137 039,771	13,969	13,500
35	33	97 777	9 158,061	127 229,737	13,893	13,423
36	34	97 663	8 548,988	118 071,676	13,811	13,342
37	35	97 540	7 979,600	109 522,688	13,725	13,256
38	36	97 404	7 447,193	101 543,087	13,635	13,166
39	37	97 255	6 949,375	94 095,894	13,540	13,071
40	38	97 101	6 484,428	87 146,520	13,439	12,970
41	39	96 922	6 049,061	80 662,092	13,335	12,865
42	40	96 735	5 642,394	74 613,031	13,224	12,754
43	41	96 529	5 262,057	68 970,637	13,107	12,638
44	42	96 309	4 906,603	63 708,580	12,984	12,515
45	43	96 060	4 573,732	58 801,977	12,856	12,387
46	44	95 784	4 262,270	54 228,244	12,723	12,253
47	45	95 483	3 970,891	49 965,974	12,583	12,114
48	46	95 147	3 698,060	45 995,083	12,438	11,968
49	47	94 779	3 442,756	42 297,023	12,286	11,816
50	48	94 368	3 203,573	38 854,267	12,128	11,659
51	49	93 904	2 979,284	35 650,694	11,966	11,497
52	50	93 393	2 769,221	32 671,410	11,798	11,329
53	51	92 834	2 572,564	29 902,189	11,623	11,154
54	52	92 200	2 387,844	27 329,625	11,445	10,976
55	53	91 496	2 214,588	24 941,780	11,262	10,793
56	54	90 721	2 052,188	22 727,193	11,075	10,605
57	55	89 863	1 899,795	20 675,005	10,883	10,413
58	56	88 915	1 756,770	18 775,210	10,687	10,218
59	57	87 874	1 622,625	17 018,440	10,488	10,019
60	58	86 747	1 497,021	15 395,815	10,284	9,815
61	59	85 521	1 379,305	13 898,794	10,077	9,607
62	60	84 197	1 269,120	12 519,489	9,865	9,395
63	61	82 753	1 165,747	11 250,369	9,651	9,181
64	62	81 214	1 069,229	10 084,623	9,432	8,962
65	63	79 566	978,995	9 015,394	9,209	8,739
66	64	77 810	894,759	8 036,399	8,982	8,512
67	65	75 946	816,192	7 141,640	8,750	8,280
68	66	73 985	743,098	6 325,448	8,512	8,043
69	67	71 930	675,196	5 582,350	8,268	7,798
70	68	69 745	611,853	4 907,154	8,020	7,551
71	69	67 476	553,221	4 295,301	7,764	7,295
72	70	65 053	498,462	3 742,081	7,507	7,038
73	71	62 551	447,939	3 243,618	7,241	6,772
74	72	59 921	401,030	2 795,679	6,971	6,502
75	73	57 198	357,764	2 394,649	6,693	6,224
76	74	54 367	317,813	2 036,885	6,409	5,940
77	75	51 412	280,877	1 719,072	6,120	5,651
78	76	48 372	246,977	1 438,195	5,823	5,354
79	77	45 176	215,573	1 191,218	5,526	5,056
80	78	41 876	186,750	975,646	5,224	4,755
81	79	38 428	160,165	788,896	4,926	4,456
82	80	34 819	135,628	628,731	4,636	4,166
83	81	31 112	113,260	493,103	4,354	3,884
84	82	27 358	93,078	379,843	4,081	3,611
85	83	23 615	75,086	286,765	3,819	3,350
86	84	19 944	59,265	211,679	3,572	3,102
87	85	16 450	45,684	152,413	3,336	2,867
88	86	13 190	34,234	106,729	3,118	2,648
89	87	10 249	24,862	72,495	2,916	2,446
90	88	7 702	17,461	47,633	2,728	2,259
91	89	5 584	11,830	30,172	2,550	2,081
92	90	3 893	7,708	18,342	2,380	1,910
93	91	2 571	4,757	10,634	2,235	1,766
94	92	1 619	2,800	5,876	2,099	1,629
95	93	960	1,552	3,076	1,982	1,513
96	94	539	0,815	1,524	1,871	1,402
97	95	281	0,397	0,710	1,787	1,318
98	96	139	0,184	0,313	1,699	1,229
99	97	64	0,079	0,129	1,638	1,168
100	98	27	0,032	0,050	1,580	1,111

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 601	81 303,823	1 221 597,446	15,025	14,556
4	1	99 291	75 748,268	1 140 293,623	15,054	14,584
5	2	99 255	70 767,681	1 064 545,355	15,043	14,573
6	3	99 233	66 123,161	993 777,673	15,029	14,560
7	4	99 214	61 785,356	927 654,512	15,014	14,545
8	5	99 196	57 732,825	865 869,156	14,998	14,528
9	6	99 178	53 946,491	808 136,331	14,980	14,511
10	7	99 162	50 408,788	754 189,840	14,961	14,492
11	8	99 149	47 105,095	703 781,052	14,941	14,471
12	9	99 135	44 016,979	656 675,957	14,919	14,449
13	10	99 122	41 132,015	612 658,978	14,895	14,425
14	11	99 106	38 435,201	571 526,963	14,870	14,400
15	12	99 085	35 913,099	533 091,761	14,844	14,374
16	13	99 062	33 555,643	497 178,662	14,817	14,347
17	14	99 028	31 349,699	463 623,020	14,789	14,319
18	15	98 992	29 288,034	432 273,321	14,759	14,290
19	16	98 942	27 358,177	402 985,287	14,730	14,260
20	17	98 888	25 554,458	375 627,111	14,699	14,230
21	18	98 832	23 869,107	350 072,652	14,666	14,197
22	19	98 772	22 294,143	326 203,545	14,632	14,162
23	20	98 710	20 822,556	303 909,401	14,595	14,126
24	21	98 651	19 448,766	283 086,846	14,556	14,086
25	22	98 588	18 164,790	263 638,080	14,514	14,044
26	23	98 529	16 966,242	245 473,290	14,468	13,999
27	24	98 466	15 846,173	228 507,048	14,420	13,951
28	25	98 403	14 800,004	212 660,875	14,369	13,899
29	26	98 336	13 822,444	197 860,870	14,314	13,845
30	27	98 267	12 909,003	184 038,427	14,257	13,787
31	28	98 190	12 055,121	171 129,424	14,196	13,726
32	29	98 107	11 256,876	159 074,303	14,131	13,662
33	30	98 019	10 511,055	147 817,426	14,063	13,594
34	31	97 916	9 813,115	137 306,372	13,992	13,523
35	32	97 810	9 161,200	127 493,257	13,917	13,447
36	33	97 698	8 552,070	118 332,056	13,837	13,367
37	34	97 579	7 982,841	109 779,987	13,752	13,282
38	35	97 444	7 450,263	101 797,145	13,664	13,194
39	36	97 300	6 952,562	94 346,882	13,570	13,101
40	37	97 147	6 487,508	87 394,320	13,471	13,002
41	38	96 981	6 052,712	80 906,812	13,367	12,898
42	39	96 793	5 645,788	74 854,100	13,258	12,789
43	40	96 595	5 265,668	69 208,312	13,143	12,674
44	41	96 380	4 910,238	63 942,644	13,022	12,553
45	42	96 136	4 577,366	59 032,406	12,897	12,427
46	43	95 871	4 266,144	54 455,041	12,764	12,295
47	44	95 576	3 974,749	50 188,897	12,627	12,157
48	45	95 257	3 702,326	46 214,148	12,482	12,013
49	46	94 894	3 446,953	42 511,822	12,333	11,864
50	47	94 497	3 207,969	39 064,869	12,177	11,708
51	48	94 054	2 984,041	35 856,900	12,016	11,547
52	49	93 556	2 774,070	32 872,859	11,850	11,381
53	50	93 006	2 577,340	30 098,789	11,678	11,209
54	51	92 398	2 392,972	27 521,449	11,501	11,031
55	52	91 710	2 219,766	25 128,477	11,320	10,851
56	53	90 955	2 057,471	22 908,711	11,134	10,665
57	54	90 124	1 905,298	20 851,240	10,944	10,474
58	55	89 204	1 762,490	18 945,941	10,750	10,280
59	56	88 190	1 628,450	17 183,451	10,552	10,083
60	57	87 089	1 502,919	15 555,001	10,350	9,880
61	58	85 894	1 385,331	14 052,082	10,143	9,674
62	59	84 595	1 275,121	12 666,752	9,934	9,464
63	60	83 192	1 171,930	11 391,631	9,720	9,251
64	61	81 679	1 075,343	10 219,701	9,504	9,034
65	62	80 057	985,037	9 144,358	9,283	8,814
66	63	78 339	900,839	8 159,321	9,057	8,588
67	64	76 518	822,337	7 258,482	8,827	8,357
68	65	74 579	749,069	6 436,145	8,592	8,123
69	66	72 566	681,164	5 687,076	8,349	7,880
70	67	70 412	617,710	5 005,912	8,104	7,634
71	68	68 189	559,072	4 388,202	7,849	7,380
72	69	65 813	504,289	3 829,131	7,593	7,124
73	70	63 349	453,655	3 324,841	7,329	6,859
74	71	60 753	406,601	2 871,186	7,061	6,592
75	72	58 058	363,143	2 464,586	6,787	6,317
76	73	55 275	323,117	2 101,442	6,504	6,034
77	74	52 346	285,980	1 778,325	6,218	5,749
78	75	49 320	251,820	1 492,345	5,926	5,457
79	76	46 172	220,324	1 240,525	5,630	5,161
80	77	42 896	191,302	1 020,201	5,333	4,863
81	78	39 513	164,685	828,899	5,033	4,564
82	79	35 949	140,027	664,214	4,743	4,274
83	80	32 289	117,546	524,187	4,459	3,990
84	81	28 578	97,227	406,642	4,182	3,713
85	82	24 841	78,987	309,414	3,917	3,448
86	83	21 143	62,828	230,427	3,668	3,198
87	84	17 596	48,868	167,599	3,430	2,960
88	85	14 276	37,055	118,731	3,204	2,735
89	86	11 228	27,237	81,676	2,999	2,529
90	87	8 557	19,399	54,439	2,806	2,337
91	88	6 304	13,355	35,039	2,624	2,154
92	89	4 472	8,855	21,684	2,449	1,979
93	90	3 015	5,580	12,829	2,299	1,829
94	91	1 945	3,364	7,248	2,155	1,685
95	92	1 182	1,910	3,884	2,033	1,564
96	93	682	1,030	1,974	1,917	1,448
97	94	365	0,516	0,944	1,831	1,361
98	95	187	0,246	0,429	1,741	1,271
99	96	89	0,110	0,182	1,659	1,190
100	97	39	0,045	0,072	1,603	1,134

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4	0	99 590	75 976,604	1 140 880,766	15,016	14,547
5	1	99 280	70 785,232	1 064 904,163	15,044	14,575
6	2	99 245	66 131,376	994 118,931	15,032	14,563
7	3	99 224	61 791,729	927 987,555	15,018	14,548
8	4	99 205	57 738,350	866 195,826	15,002	14,533
9	5	99 187	53 951,297	808 457,476	14,985	14,515
10	6	99 170	50 413,247	754 506,179	14,966	14,497
11	7	99 154	47 107,284	704 092,932	14,947	14,477
12	8	99 142	44 020,046	656 985,648	14,925	14,455
13	9	99 128	41 134,532	612 965,601	14,901	14,432
14	10	99 112	38 437,450	571 831,070	14,877	14,407
15	11	99 093	35 915,876	533 393,620	14,851	14,382
16	12	99 070	33 558,278	497 477,744	14,824	14,355
17	13	99 037	31 352,653	463 919,466	14,797	14,327
18	14	99 001	29 290,734	432 566,813	14,768	14,299
19	15	98 954	27 361,506	403 276,079	14,739	14,269
20	16	98 902	25 558,222	375 914,573	14,708	14,239
21	17	98 845	23 872,358	350 356,352	14,676	14,207
22	18	98 791	22 298,537	326 483,994	14,641	14,172
23	19	98 727	20 826,196	304 185,457	14,606	14,136
24	20	98 670	19 452,362	283 359,261	14,567	14,097
25	21	98 604	18 167,786	263 906,899	14,526	14,057
26	22	98 545	16 969,005	245 739,113	14,482	14,012
27	23	98 484	15 849,025	228 770,108	14,434	13,965
28	24	98 421	14 802,668	212 921,083	14,384	13,914
29	25	98 355	13 825,073	198 118,415	14,330	13,861
30	26	98 285	12 911,433	184 293,342	14,274	13,804
31	27	98 211	12 057,716	171 381,909	14,213	13,744
32	28	98 130	11 259,530	159 324,193	14,150	13,681
33	29	98 045	10 513,775	148 064,664	14,083	13,613
34	30	97 947	9 816,228	137 550,888	14,013	13,543
35	31	97 841	9 164,078	127 734,660	13,939	13,469
36	32	97 732	8 555,001	118 570,583	13,860	13,390
37	33	97 614	7 985,719	110 015,582	13,777	13,307
38	34	97 484	7 453,289	102 029,863	13,689	13,220
39	35	97 340	6 955,429	94 576,574	13,598	13,128
40	36	97 191	6 490,484	87 621,145	13,500	13,030
41	37	97 027	6 055,587	81 130,661	13,398	12,928
42	38	96 851	5 649,196	75 075,074	13,290	12,820
43	39	96 653	5 268,835	69 425,879	13,177	12,707
44	40	96 447	4 913,607	64 157,044	13,057	12,588
45	41	96 207	4 580,757	59 243,436	12,933	12,464
46	42	95 948	4 269,533	54 662,680	12,803	12,333
47	43	95 663	3 978,362	50 393,147	12,667	12,197
48	44	95 349	3 705,923	46 414,785	12,524	12,055
49	45	95 004	3 450,929	42 708,863	12,376	11,907
50	46	94 612	3 211,880	39 257,934	12,223	11,753
51	47	94 183	2 988,136	36 046,054	12,063	11,594
52	48	93 706	2 778,499	33 057,918	11,898	11,428
53	49	93 169	2 581,854	30 279,419	11,728	11,258
54	50	92 569	2 397,415	27 697,566	11,553	11,084
55	51	91 907	2 224,533	25 300,151	11,373	10,904
56	52	91 167	2 062,282	23 075,618	11,189	10,720
57	53	90 356	1 910,203	21 013,336	11,001	10,531
58	54	89 463	1 767,596	19 103,133	10,807	10,338
59	55	88 477	1 633,752	17 335,537	10,611	10,141
60	56	87 401	1 508,314	15 701,785	10,410	9,941
61	57	86 233	1 390,788	14 193,470	10,205	9,736
62	58	84 965	1 280,691	12 802,682	9,997	9,527
63	59	83 585	1 177,471	11 521,991	9,785	9,316
64	60	82 112	1 081,047	10 344,520	9,569	9,099
65	61	80 515	990,670	9 263,473	9,351	8,881
66	62	78 822	906,399	8 272,803	9,127	8,658
67	63	77 038	827,925	7 366,404	8,897	8,428
68	64	75 141	754,709	6 538,480	8,664	8,194
69	65	73 149	686,637	5 783,771	8,423	7,954
70	66	71 035	623,170	5 097,134	8,179	7,710
71	67	68 842	564,424	4 473,964	7,927	7,457
72	68	66 509	509,623	3 909,540	7,671	7,202
73	69	64 090	458,958	3 399,917	7,408	6,938
74	70	61 528	411,789	2 940,959	7,142	6,672
75	71	58 864	368,188	2 529,171	6,869	6,400
76	72	56 106	327,976	2 160,982	6,589	6,119
77	73	53 220	290,753	1 833,007	6,304	5,835
78	74	50 216	256,394	1 542,253	6,015	5,546
79	75	47 078	224,644	1 285,859	5,724	5,254
80	76	43 842	195,519	1 061,215	5,428	4,958
81	77	40 476	168,699	865,696	5,132	4,662
82	78	36 963	143,979	696,997	4,841	4,371
83	79	33 337	121,358	553,018	4,557	4,087
84	80	29 659	100,907	431,660	4,278	3,808
85	81	25 949	82,508	330,753	4,009	3,539
86	82	22 241	66,092	248,246	3,756	3,287
87	83	18 654	51,806	182,154	3,516	3,047
88	84	15 272	39,638	130,347	3,288	2,819
89	85	12 154	29,481	90,709	3,077	2,607
90	86	9 374	21,252	61,228	2,881	2,412
91	87	7 003	14,838	39,976	2,694	2,225
92	88	5 049	9,997	25,137	2,515	2,045
93	89	3 464	6,411	15,140	2,362	1,892
94	90	2 281	3,946	8,730	2,212	1,743
95	91	1 420	2,295	4,784	2,085	1,615
96	92	839	1,267	2,489	1,964	1,494
97	93	462	0,652	1,222	1,873	1,404
98	94	242	0,320	0,570	1,781	1,311
99	95	119	0,147	0,250	1,698	1,229
100	96	55	0,063	0,103	1,623	1,153

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5	0	99 579	70 998,607	1 065 445,613	15,007	14,537
6	1	99 270	66 147,777	994 447,006	15,034	14,564
7	2	99 236	61 799,406	928 299,229	15,021	14,552
8	3	99 215	57 744,305	866 499,823	15,006	14,536
9	4	99 197	53 956,460	808 755,518	14,989	14,520
10	5	99 179	50 417,739	754 799,058	14,971	14,501
11	6	99 163	47 111,451	704 381,320	14,951	14,482
12	7	99 146	44 022,092	657 269,868	14,930	14,461
13	8	99 135	41 137,398	613 247,777	14,907	14,438
14	9	99 118	38 439,801	572 110,379	14,883	14,414
15	10	99 099	35 917,977	533 670,577	14,858	14,389
16	11	99 077	33 560,873	497 752,601	14,831	14,362
17	12	99 045	31 355,115	464 191,727	14,804	14,335
18	13	99 010	29 293,494	432 836,612	14,776	14,306
19	14	98 963	27 364,029	403 543,118	14,747	14,278
20	15	98 914	25 561,332	376 179,089	14,717	14,247
21	16	98 860	23 875,874	350 617,758	14,685	14,216
22	17	98 805	22 301,573	326 741,884	14,651	14,182
23	18	98 747	20 830,300	304 440,311	14,615	14,146
24	19	98 687	19 455,763	283 610,011	14,577	14,108
25	20	98 623	18 171,145	264 154,248	14,537	14,068
26	21	98 561	16 971,803	245 983,103	14,494	14,024
27	22	98 500	15 851,606	229 011,299	14,447	13,978
28	23	98 438	14 805,332	213 159,693	14,397	13,928
29	24	98 373	13 827,562	198 354,361	14,345	13,875
30	25	98 304	12 913,889	184 526,800	14,289	13,820
31	26	98 230	12 059,985	171 612,910	14,230	13,760
32	27	98 151	11 261,953	159 552,925	14,167	13,698
33	28	98 068	10 516,253	148 290,972	14,101	13,632
34	29	97 973	9 818,769	137 774,719	14,032	13,562
35	30	97 872	9 166,985	127 955,950	13,958	13,489
36	31	97 763	8 557,688	118 788,965	13,881	13,411
37	32	97 648	7 988,456	110 231,277	13,799	13,329
38	33	97 519	7 455,976	102 242,821	13,713	13,243
39	34	97 380	6 958,254	94 786,845	13,622	13,153
40	35	97 232	6 493,160	87 828,591	13,526	13,057
41	36	97 071	6 058,364	81 335,432	13,425	12,956
42	37	96 897	5 651,878	75 277,067	13,319	12,849
43	38	96 712	5 272,015	69 625,189	13,207	12,737
44	39	96 505	4 916,563	64 353,173	13,089	12,620
45	40	96 273	4 583,900	59 436,610	12,966	12,497
46	41	96 019	4 272,696	54 852,711	12,838	12,368
47	42	95 739	3 981,522	50 580,015	12,704	12,234
48	43	95 436	3 709,291	46 598,493	12,563	12,093
49	44	95 096	3 454,282	42 889,202	12,416	11,947
50	45	94 722	3 215,585	39 434,920	12,264	11,794
51	46	94 298	2 991,778	36 219,335	12,106	11,637
52	47	93 834	2 782,312	33 227,557	11,942	11,473
53	48	93 318	2 585,976	30 445,246	11,773	11,304
54	49	92 731	2 401,613	27 859,270	11,600	11,131
55	50	92 077	2 228,663	25 457,657	11,423	10,953
56	51	91 363	2 066,710	23 228,994	11,240	10,770
57	52	90 567	1 914,670	21 162,284	11,053	10,583
58	53	89 693	1 772,147	19 247,614	10,861	10,392
59	54	88 733	1 638,485	17 475,467	10,666	10,196
60	55	87 686	1 513,225	15 836,982	10,466	9,996
61	56	86 542	1 395,781	14 323,757	10,262	9,793
62	57	85 299	1 285,736	12 927,976	10,055	9,585
63	58	83 950	1 182,615	11 642,239	9,844	9,375
64	59	82 500	1 086,159	10 459,625	9,630	9,160
65	60	80 942	995,925	9 373,466	9,412	8,942
66	61	79 273	911,582	8 377,541	9,190	8,721
67	62	77 513	833,035	7 465,959	8,962	8,493
68	63	75 651	759,837	6 632,924	8,729	8,260
69	64	73 700	691,807	5 873,088	8,489	8,020
70	65	71 606	628,177	5 181,281	8,248	7,779
71	66	69 451	569,413	4 553,104	7,996	7,527
72	67	67 146	514,501	3 983,691	7,743	7,273
73	68	64 768	463,812	3 469,190	7,480	7,010
74	69	62 247	416,602	3 005,378	7,214	6,745
75	70	59 616	372,886	2 588,775	6,943	6,473
76	71	56 885	332,532	2 215,889	6,664	6,194
77	72	54 020	295,125	1 883,357	6,382	5,912
78	73	51 054	260,674	1 588,232	6,093	5,623
79	74	47 933	228,726	1 327,558	5,804	5,335
80	75	44 702	199,352	1 098,833	5,512	5,042
81	76	41 368	172,418	899,480	5,217	4,747
82	77	37 864	147,489	727,063	4,930	4,460
83	78	34 278	124,783	579,574	4,645	4,175
84	79	30 621	104,179	454,791	4,365	3,896
85	80	26 931	85,630	350,611	4,095	3,625
86	81	23 232	69,038	264,982	3,838	3,369
87	82	19 623	54,497	195,944	3,595	3,126
88	83	16 190	42,021	141,446	3,366	2,897
89	84	13 001	31,536	99,425	3,153	2,683
90	85	10 147	23,003	67,889	2,951	2,482
91	86	7 672	16,256	44,886	2,761	2,292
92	87	5 609	11,107	28,630	2,578	2,108
93	88	3 911	7,237	17,523	2,421	1,952
94	89	2 621	4,533	10,286	2,269	1,800
95	90	1 665	2,692	5,753	2,137	1,668
96	91	1 008	1,523	3,061	2,010	1,541
97	92	568	0,803	1,538	1,917	1,447
98	93	306	0,404	0,736	1,820	1,351
99	94	155	0,191	0,332	1,736	1,266
100	95	73	0,085	0,141	1,659	1,190

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	66 347,173	994 946,271	14,996	14,527
7	1	99 261	61 814,732	928 599,098	15,022	14,553
8	2	99 228	57 751,479	866 784,366	15,009	14,539
9	3	99 207	53 962,025	809 032,887	14,993	14,523
10	4	99 189	50 422,563	755 070,862	14,975	14,505
11	5	99 171	47 115,648	704 648,299	14,956	14,486
12	6	99 155	44 025,986	657 532,650	14,935	14,466
13	7	99 139	41 139,309	613 506,664	14,913	14,443
14	8	99 125	38 442,480	572 367,355	14,889	14,419
15	9	99 105	35 920,174	533 924,875	14,864	14,395
16	10	99 083	33 562,836	498 004,701	14,838	14,368
17	11	99 053	31 357,540	464 441,864	14,811	14,342
18	12	99 018	29 295,795	433 084,325	14,783	14,314
19	13	98 972	27 366,607	403 788,530	14,755	14,285
20	14	98 923	25 563,689	376 421,923	14,725	14,255
21	15	98 872	23 878,779	350 858,234	14,693	14,224
22	16	98 819	22 304,858	326 979,455	14,660	14,190
23	17	98 760	20 833,136	304 674,598	14,625	14,155
24	18	98 706	19 459,597	283 841,461	14,586	14,117
25	19	98 640	18 174,322	264 381,864	14,547	14,077
26	20	98 579	16 974,942	246 207,542	14,504	14,035
27	21	98 516	15 854,220	229 232,601	14,459	13,989
28	22	98 454	14 807,743	213 378,380	14,410	13,940
29	23	98 391	13 830,050	198 570,637	14,358	13,888
30	24	98 322	12 916,213	184 740,587	14,303	13,833
31	25	98 249	12 062,280	171 824,373	14,245	13,775
32	26	98 169	11 264,073	159 762,093	14,183	13,714
33	27	98 089	10 518,517	148 498,020	14,118	13,648
34	28	97 996	9 821,083	137 979,504	14,049	13,580
35	29	97 897	9 169,358	128 158,421	13,977	13,507
36	30	97 794	8 560,403	118 989,063	13,900	13,430
37	31	97 679	7 990,965	110 428,660	13,819	13,350
38	32	97 552	7 458,532	102 437,695	13,734	13,265
39	33	97 415	6 960,762	94 979,164	13,645	13,175
40	34	97 271	6 495,797	88 018,402	13,550	13,081
41	35	97 111	6 060,862	81 522,605	13,451	12,981
42	36	96 942	5 654,471	75 461,742	13,346	12,876
43	37	96 758	5 274,519	69 807,272	13,235	12,765
44	38	96 563	4 919,531	64 532,753	13,118	12,648
45	39	96 331	4 586,657	59 613,222	12,997	12,528
46	40	96 085	4 275,627	55 026,565	12,870	12,400
47	41	95 809	3 984,472	50 750,938	12,737	12,268
48	42	95 512	3 712,238	46 766,466	12,598	12,128
49	43	95 183	3 457,421	43 054,228	12,453	11,983
50	44	94 814	3 218,709	39 596,807	12,302	11,833
51	45	94 407	2 995,229	36 378,098	12,145	11,676
52	46	93 949	2 785,703	33 382,869	11,984	11,514
53	47	93 446	2 589,524	30 597,165	11,816	11,346
54	48	92 879	2 405,447	28 007,641	11,643	11,174
55	49	92 238	2 232,566	25 602,194	11,468	10,998
56	50	91 533	2 070,547	23 369,628	11,287	10,817
57	51	90 761	1 918,781	21 299,081	11,100	10,631
58	52	89 903	1 776,291	19 380,300	10,911	10,441
59	53	88 961	1 642,703	17 604,009	10,716	10,247
60	54	87 940	1 517,609	15 961,306	10,517	10,048
61	55	86 824	1 400,326	14 443,697	10,315	9,845
62	56	85 606	1 290,352	13 043,371	10,108	9,639
63	57	84 281	1 187,274	11 753,019	9,899	9,430
64	58	82 861	1 090,903	10 565,745	9,685	9,216
65	59	81 324	1 000,634	9 474,842	9,469	8,999
66	60	79 693	916,417	8 474,208	9,247	8,778
67	61	77 957	837,798	7 557,791	9,021	8,551
68	62	76 118	764,527	6 719,992	8,790	8,320
69	63	74 200	696,507	5 955,466	8,550	8,081
70	64	72 145	632,907	5 258,958	8,309	7,840
71	65	70 009	573,988	4 626,052	8,059	7,590
72	66	67 739	519,049	4 052,064	7,807	7,337
73	67	65 388	468,252	3 533,015	7,545	7,076
74	68	62 906	421,009	3 064,763	7,280	6,810
75	69	60 312	377,245	2 643,754	7,008	6,539
76	70	57 611	336,775	2 266,509	6,730	6,261
77	71	54 771	299,225	1 929,734	6,449	5,980
78	72	51 822	264,593	1 630,509	6,162	5,693
79	73	48 733	232,543	1 365,916	5,874	5,404
80	74	45 514	202,974	1 133,373	5,584	5,114
81	75	42 179	175,798	930,399	5,292	4,823
82	76	38 699	150,739	754,600	5,006	4,536
83	77	35 113	127,825	603,861	4,724	4,255
84	78	31 485	107,120	476,036	4,444	3,974
85	79	27 804	88,407	368,916	4,173	3,703
86	80	24 111	71,650	280,509	3,915	3,445
87	81	20 498	56,927	208,859	3,669	3,199
88	82	17 031	44,204	151,932	3,437	2,968
89	83	13 782	33,432	107,728	3,222	2,753
90	84	10 854	24,607	74,296	3,019	2,550
91	85	8 305	17,595	49,689	2,824	2,355
92	86	6 145	12,168	32,094	2,638	2,168
93	87	4 345	8,041	19,926	2,478	2,009
94	88	2 959	5,117	11,885	2,323	1,853
95	89	1 913	3,092	6,768	2,189	1,719
96	90	1 182	1,786	3,676	2,058	1,589
97	91	683	0,964	1,890	1,960	1,490
98	92	377	0,498	0,925	1,860	1,390
99	93	196	0,242	0,428	1,772	1,302
100	94	95	0,110	0,186	1,694	1,224

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 560	62 001,067	929 059,442	14,985	14,515
8	1	99 252	57 765,801	867 058,376	15,010	14,540
9	2	99 219	53 968,729	809 292,574	14,996	14,526
10	3	99 199	50 427,764	755 323,845	14,978	14,509
11	4	99 181	47 120,157	704 896,081	14,960	14,490
12	5	99 164	44 029,908	657 775,924	14,939	14,470
13	6	99 148	41 142,949	613 746,016	14,917	14,448
14	7	99 130	38 444,266	572 603,067	14,894	14,425
15	8	99 112	35 922,677	534 158,801	14,870	14,400
16	9	99 089	33 564,890	498 236,124	14,844	14,374
17	10	99 058	31 359,374	464 671,234	14,818	14,348
18	11	99 025	29 298,060	433 311,860	14,790	14,320
19	12	98 980	27 368,756	404 013,800	14,762	14,292
20	13	98 933	25 566,097	376 645,043	14,732	14,263
21	14	98 881	23 880,981	351 078,946	14,701	14,232
22	15	98 832	22 307,572	327 197,965	14,668	14,198
23	16	98 775	20 836,204	304 890,394	14,633	14,163
24	17	98 720	19 462,247	284 054,189	14,595	14,126
25	18	98 659	18 177,903	264 591,942	14,556	14,086
26	19	98 597	16 977,909	246 414,039	14,514	14,044
27	20	98 534	15 857,152	229 436,129	14,469	13,999
28	21	98 471	14 810,185	213 578,977	14,421	13,952
29	22	98 407	13 832,302	198 768,792	14,370	13,900
30	23	98 339	12 918,538	184 936,490	14,316	13,846
31	24	98 266	12 064,451	172 017,951	14,258	13,789
32	25	98 188	11 266,216	159 953,501	14,198	13,728
33	26	98 107	10 520,497	148 687,285	14,133	13,664
34	27	98 017	9 823,197	138 166,788	14,065	13,596
35	28	97 920	9 171,519	128 343,591	13,994	13,524
36	29	97 819	8 562,618	119 172,072	13,918	13,448
37	30	97 709	7 993,500	110 609,454	13,837	13,368
38	31	97 583	7 460,874	102 615,954	13,754	13,284
39	32	97 448	6 963,148	95 155,079	13,666	13,196
40	33	97 306	6 498,138	88 191,932	13,572	13,102
41	34	97 151	6 063,324	81 693,793	13,473	13,004
42	35	96 982	5 656,802	75 630,469	13,370	12,900
43	36	96 802	5 276,938	69 973,667	13,260	12,791
44	37	96 609	4 921,867	64 696,729	13,145	12,675
45	38	96 389	4 589,426	59 774,862	13,024	12,555
46	39	96 142	4 278,199	55 185,436	12,899	12,430
47	40	95 875	3 987,206	50 907,237	12,768	12,298
48	41	95 583	3 714,988	46 920,031	12,630	12,160
49	42	95 258	3 460,168	43 205,044	12,486	12,017
50	43	94 900	3 221,634	39 744,876	12,337	11,867
51	44	94 498	2 998,139	36 523,242	12,182	11,712
52	45	94 057	2 788,917	33 525,102	12,021	11,551
53	46	93 560	2 592,681	30 736,185	11,855	11,385
54	47	93 007	2 408,748	28 143,505	11,684	11,214
55	48	92 386	2 236,130	25 734,757	11,509	11,039
56	49	91 693	2 074,173	23 498,627	11,329	10,860
57	50	90 930	1 922,344	21 424,453	11,145	10,675
58	51	90 096	1 780,105	19 502,109	10,956	10,486
59	52	89 169	1 646,544	17 722,004	10,763	10,294
60	53	88 166	1 521,516	16 075,460	10,565	10,096
61	54	87 075	1 404,382	14 553,944	10,363	9,894
62	55	85 884	1 294,553	13 149,562	10,158	9,688
63	56	84 583	1 191,536	11 855,008	9,949	9,480
64	57	83 187	1 095,201	10 663,472	9,737	9,267
65	58	81 680	1 005,005	9 568,271	9,521	9,051
66	59	80 070	920,750	8 563,266	9,300	8,831
67	60	78 370	842,242	7 642,516	9,074	8,604
68	61	76 554	768,898	6 800,274	8,844	8,375
69	62	74 658	700,806	6 031,375	8,606	8,137
70	63	72 635	637,207	5 330,569	8,366	7,896
71	64	70 536	578,309	4 693,362	8,116	7,646
72	65	68 284	523,220	4 115,053	7,865	7,395
73	66	65 966	472,391	3 591,833	7,604	7,134
74	67	63 508	425,039	3 119,442	7,339	6,870
75	68	60 950	381,235	2 694,403	7,068	6,598
76	69	58 285	340,712	2 313,168	6,789	6,320
77	70	55 470	303,043	1 972,456	6,509	6,039
78	71	52 542	268,269	1 669,413	6,223	5,753
79	72	49 466	236,040	1 401,144	5,936	5,467
80	73	46 273	206,362	1 165,104	5,646	5,176
81	74	42 946	178,992	958,743	5,356	4,887
82	75	39 458	153,695	779,750	5,073	4,604
83	76	35 887	130,642	626,055	4,792	4,323
84	77	32 253	109,731	495,413	4,515	4,045
85	78	28 589	90,902	385,682	4,243	3,773
86	79	24 893	73,974	294,780	3,985	3,515
87	80	21 273	59,081	220,805	3,737	3,268
88	81	17 790	46,174	161,725	3,502	3,033
89	82	14 498	35,169	115,550	3,286	2,816
90	83	11 507	26,086	80,381	3,081	2,612
91	84	8 883	18,822	54,295	2,885	2,415
92	85	6 651	13,170	35,474	2,693	2,224
93	86	4 760	8,809	22,303	2,532	2,062
94	87	3 287	5,686	13,495	2,373	1,904
95	88	2 160	3,491	7,809	2,237	1,767
96	89	1 358	2,052	4,318	2,105	1,635
97	90	801	1,131	2,266	2,004	1,534
98	91	453	0,598	1,135	1,899	1,429
99	92	241	0,297	0,537	1,808	1,338
100	93	121	0,139	0,240	1,727	1,257

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 552	57 939,931	867 482,826	14,972	14,503
9	1	99 244	53 982,114	809 542,895	14,997	14,527
10	2	99 211	50 434,029	755 560,782	14,981	14,512
11	3	99 191	47 125,017	705 126,753	14,963	14,493
12	4	99 173	44 034,122	658 001,736	14,943	14,473
13	5	99 157	41 146,614	613 967,614	14,921	14,452
14	6	99 139	38 447,667	572 821,000	14,899	14,429
15	7	99 116	35 924,346	534 373,333	14,875	14,405
16	8	99 096	33 567,229	498 448,986	14,849	14,380
17	9	99 065	31 361,293	464 881,758	14,823	14,354
18	10	99 031	29 299,774	433 520,465	14,796	14,327
19	11	98 988	27 370,873	404 220,691	14,768	14,299
20	12	98 940	25 568,105	376 849,818	14,739	14,270
21	13	98 890	23 883,231	351 281,713	14,708	14,239
22	14	98 841	22 309,629	327 398,482	14,675	14,206
23	15	98 787	20 838,740	305 088,854	14,640	14,171
24	16	98 734	19 465,113	284 250,114	14,603	14,134
25	17	98 673	18 180,379	264 785,000	14,564	14,095
26	18	98 616	16 981,255	246 604,622	14,522	14,053
27	19	98 551	15 859,924	229 623,367	14,478	14,009
28	20	98 489	14 812,924	213 763,443	14,431	13,961
29	21	98 423	13 834,584	198 950,519	14,381	13,911
30	22	98 355	12 920,642	185 115,935	14,327	13,858
31	23	98 284	12 066,622	172 195,293	14,270	13,801
32	24	98 206	11 268,244	160 128,671	14,211	13,741
33	25	98 126	10 522,498	148 860,427	14,147	13,677
34	26	98 035	9 825,046	138 337,929	14,080	13,611
35	27	97 942	9 173,493	128 512,883	14,009	13,540
36	28	97 842	8 564,637	119 339,390	13,934	13,464
37	29	97 735	7 995,569	110 774,754	13,855	13,385
38	30	97 614	7 463,241	102 779,184	13,771	13,302
39	31	97 479	6 965,335	95 315,943	13,684	13,215
40	32	97 339	6 500,366	88 350,608	13,592	13,122
41	33	97 186	6 065,510	81 850,243	13,494	13,025
42	34	97 021	5 659,100	75 784,733	13,392	12,922
43	35	96 842	5 279,114	70 125,634	13,284	12,814
44	36	96 653	4 924,125	64 846,519	13,169	12,700
45	37	96 435	4 591,605	59 922,395	13,050	12,581
46	38	96 200	4 280,782	55 330,790	12,925	12,456
47	39	95 933	3 989,604	51 050,008	12,796	12,326
48	40	95 648	3 717,537	47 060,404	12,659	12,190
49	41	95 329	3 462,731	43 342,867	12,517	12,047
50	42	94 975	3 224,193	39 880,136	12,369	11,900
51	43	94 584	3 000,864	36 655,943	12,215	11,746
52	44	94 149	2 791,626	33 655,078	12,056	11,586
53	45	93 668	2 595,672	30 863,452	11,890	11,421
54	46	93 120	2 411,684	28 267,780	11,721	11,252
55	47	92 512	2 239,198	25 856,096	11,547	11,078
56	48	91 839	2 077,485	23 616,898	11,368	10,899
57	49	91 089	1 925,710	21 539,413	11,185	10,716
58	50	90 263	1 783,410	19 613,703	10,998	10,528
59	51	89 361	1 650,080	17 830,293	10,806	10,336
60	52	88 373	1 525,074	16 180,213	10,609	10,140
61	53	87 300	1 407,998	14 655,139	10,408	9,939
62	54	86 133	1 298,304	13 247,141	10,203	9,734
63	55	84 859	1 195,416	11 948,838	9,996	9,526
64	56	83 486	1 099,133	10 753,422	9,784	9,314
65	57	82 001	1 008,964	9 654,289	9,569	9,099
66	58	80 420	924,773	8 645,325	9,349	8,879
67	59	78 741	846,225	7 720,552	9,124	8,654
68	60	76 960	772,977	6 874,327	8,893	8,424
69	61	75 085	704,814	6 101,351	8,657	8,187
70	62	73 083	641,140	5 396,537	8,417	7,948
71	63	71 015	582,239	4 755,397	8,167	7,698
72	64	68 798	527,159	4 173,158	7,916	7,447
73	65	66 496	476,187	3 645,999	7,657	7,187
74	66	64 069	428,796	3 169,812	7,392	6,923
75	67	61 534	384,885	2 741,016	7,122	6,652
76	68	58 901	344,315	2 356,132	6,843	6,373
77	69	56 118	306,585	2 011,817	6,562	6,092
78	70	53 212	271,692	1 705,231	6,276	5,807
79	71	50 153	239,319	1 433,539	5,990	5,521
80	72	46 969	209,465	1 194,220	5,701	5,232
81	73	43 663	181,980	984,756	5,411	4,942
82	74	40 174	156,487	802,776	5,130	4,660
83	75	36 591	133,204	646,289	4,852	4,382
84	76	32 964	112,149	513,084	4,575	4,105
85	77	29 286	93,118	400,935	4,306	3,836
86	78	25 596	76,062	307,817	4,047	3,577
87	79	21 963	60,997	231,755	3,799	3,330
88	80	18 463	47,922	170,758	3,563	3,094
89	81	15 144	36,736	122,836	3,344	2,874
90	82	12 104	27,441	86,100	3,138	2,668
91	83	9 417	19,953	58,659	2,940	2,470
92	84	7 115	14,088	38,706	2,747	2,278
93	85	5 152	9,535	24,617	2,582	2,112
94	86	3 601	6,229	15,083	2,422	1,952
95	87	2 400	3,879	8,854	2,283	1,813
96	88	1 533	2,316	4,975	2,148	1,678
97	89	920	1,299	2,659	2,046	1,577
98	90	531	0,701	1,360	1,939	1,469
99	91	290	0,357	0,658	1,844	1,374
100	92	149	0,171	0,301	1,760	1,291

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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8						
9	0	99 543	54 144,837	809 934,256	14,959	14,489
10	1	99 236	50 446,537	755 789,418	14,982	14,512
11	2	99 204	47 130,872	705 342,882	14,966	14,496
12	3	99 184	44 038,663	658 212,010	14,946	14,477
13	4	99 166	41 150,552	614 173,346	14,925	14,456
14	5	99 147	38 451,092	573 022,795	14,903	14,433
15	6	99 125	35 927,524	534 571,702	14,879	14,410
16	7	99 101	33 568,788	498 644,178	14,854	14,385
17	8	99 071	31 363,478	465 075,390	14,829	14,359
18	9	99 037	29 301,566	433 711,911	14,802	14,332
19	10	98 993	27 372,474	404 410,345	14,774	14,305
20	11	98 948	25 570,082	377 037,871	14,745	14,276
21	12	98 898	23 885,106	351 467,789	14,715	14,245
22	13	98 850	22 311,731	327 582,682	14,682	14,213
23	14	98 796	20 840,661	305 270,951	14,648	14,178
24	15	98 746	19 467,482	284 430,290	14,611	14,141
25	16	98 687	18 183,056	264 962,808	14,572	14,102
26	17	98 630	16 983,567	246 779,752	14,531	14,061
27	18	98 571	15 863,049	229 796,185	14,486	14,017
28	19	98 506	14 815,514	213 933,135	14,440	13,970
29	20	98 441	13 837,142	199 117,621	14,390	13,921
30	21	98 371	12 922,773	185 280,480	14,338	13,868
31	22	98 300	12 068,587	172 357,707	14,282	13,812
32	23	98 223	11 270,272	160 289,120	14,222	13,753
33	24	98 144	10 524,392	149 018,848	14,159	13,690
34	25	98 054	9 826,915	138 494,456	14,093	13,624
35	26	97 960	9 175,220	128 667,541	14,023	13,554
36	27	97 863	8 566,480	119 492,321	13,949	13,479
37	28	97 758	7 997,454	110 925,841	13,870	13,401
38	29	97 639	7 465,173	102 928,387	13,788	13,318
39	30	97 510	6 967,545	95 463,215	13,701	13,232
40	31	97 370	6 502,407	88 495,670	13,610	13,140
41	32	97 219	6 067,589	81 993,263	13,513	13,044
42	33	97 056	5 661,140	75 925,674	13,412	12,942
43	34	96 881	5 281,258	70 264,535	13,305	12,835
44	35	96 693	4 926,155	64 983,276	13,191	12,722
45	36	96 479	4 593,711	60 057,121	13,074	12,604
46	37	96 246	4 282,814	55 463,410	12,950	12,481
47	38	95 991	3 992,012	51 180,596	12,821	12,351
48	39	95 706	3 719,773	47 188,583	12,686	12,216
49	40	95 394	3 465,107	43 468,811	12,545	12,075
50	41	95 046	3 226,582	40 003,703	12,398	11,929
51	42	94 659	3 003,248	36 777,121	12,246	11,776
52	43	94 234	2 794,164	33 773,873	12,087	11,618
53	44	93 759	2 598,193	30 979,710	11,924	11,454
54	45	93 228	2 414,466	28 381,516	11,755	11,285
55	46	92 625	2 241,928	25 967,050	11,582	11,113
56	47	91 966	2 080,336	23 725,122	11,404	10,935
57	48	91 235	1 928,785	21 644,786	11,222	10,752
58	49	90 421	1 786,533	19 716,002	11,036	10,566
59	50	89 527	1 653,144	17 929,469	10,846	10,376
60	51	88 562	1 528,349	16 276,325	10,650	10,180
61	52	87 504	1 411,290	14 747,976	10,450	9,980
62	53	86 355	1 301,646	13 336,686	10,246	9,777
63	54	85 105	1 198,879	12 035,040	10,039	9,569
64	55	83 757	1 102,712	10 836,162	9,827	9,357
65	56	82 296	1 012,586	9 733,450	9,612	9,143
66	57	80 737	928,416	8 720,864	9,393	8,924
67	58	79 085	849,921	7 792,448	9,168	8,699
68	59	77 324	776,632	6 942,526	8,939	8,470
69	60	75 484	708,552	6 165,895	8,702	8,233
70	61	73 501	644,806	5 457,342	8,464	7,994
71	62	71 453	585,833	4 812,536	8,215	7,745
72	63	69 265	530,741	4 226,704	7,964	7,494
73	64	66 996	479,772	3 695,963	7,704	7,234
74	65	64 584	432,241	3 216,191	7,441	6,971
75	66	62 078	388,287	2 783,950	7,170	6,700
76	67	59 465	347,611	2 395,663	6,892	6,422
77	68	56 712	309,828	2 048,052	6,610	6,141
78	69	53 834	274,868	1 738,223	6,324	5,854
79	70	50 793	242,372	1 463,355	6,038	5,568
80	71	47 622	212,375	1 220,983	5,749	5,280
81	72	44 319	184,716	1 008,609	5,460	4,991
82	73	40 845	159,099	823,893	5,178	4,709
83	74	37 256	135,624	664,793	4,902	4,432
84	75	33 610	114,348	529,169	4,628	4,158
85	76	29 931	95,170	414,821	4,359	3,889
86	77	26 220	77,916	319,650	4,102	3,633
87	78	22 583	62,719	241,734	3,854	3,385
88	79	19 062	49,476	179,015	3,618	3,149
89	80	15 718	38,127	129,540	3,398	2,928
90	81	12 644	28,664	91,413	3,189	2,720
91	82	9 907	20,990	62,749	2,990	2,520
92	83	7 543	14,935	41,759	2,796	2,326
93	84	5 511	10,199	26,824	2,630	2,160
94	85	3 898	6,742	16,625	2,466	1,996
95	86	2 629	4,249	9,883	2,326	1,856
96	87	1 704	2,573	5,633	2,189	1,720
97	88	1 039	1,467	3,060	2,086	1,617
98	89	611	0,806	1,593	1,978	1,508
99	90	340	0,419	0,788	1,880	1,411
100	91	178	0,206	0,369	1,793	1,324

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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3						
4						
5						
6						
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9						
10	0	99 535	50 598,603	756 150,282	14,944	14,475
11	1	99 228	47 142,560	705 551,679	14,966	14,497
12	2	99 196	44 044,135	658 409,118	14,949	14,479
13	3	99 177	41 154,796	614 364,984	14,928	14,459
14	4	99 157	38 454,772	573 210,188	14,906	14,437
15	5	99 134	35 930,725	534 755,416	14,883	14,413
16	6	99 109	33 571,758	498 824,691	14,858	14,389
17	7	99 076	31 364,935	465 252,933	14,834	14,364
18	8	99 044	29 303,608	433 887,997	14,807	14,337
19	9	98 999	27 374,148	404 584,389	14,780	14,310
20	10	98 954	25 571,578	377 210,241	14,751	14,282
21	11	98 905	23 886,954	351 638,662	14,721	14,251
22	12	98 858	22 313,483	327 751,709	14,689	14,219
23	13	98 805	20 842,625	305 438,226	14,654	14,185
24	14	98 755	19 469,277	284 595,601	14,618	14,148
25	15	98 699	18 185,269	265 126,324	14,579	14,110
26	16	98 644	16 986,069	246 941,055	14,538	14,068
27	17	98 584	15 865,210	229 954,986	14,494	14,025
28	18	98 525	14 818,433	214 089,777	14,448	13,978
29	19	98 458	13 839,561	199 271,344	14,399	13,929
30	20	98 390	12 925,162	185 431,783	14,347	13,877
31	21	98 316	12 070,578	172 506,620	14,291	13,822
32	22	98 239	11 272,107	160 436,043	14,233	13,763
33	23	98 161	10 526,286	149 163,936	14,171	13,701
34	24	98 072	9 828,684	138 637,649	14,105	13,636
35	25	97 979	9 176,965	128 808,966	14,036	13,567
36	26	97 881	8 568,092	119 632,000	13,963	13,493
37	27	97 779	7 999,175	111 063,908	13,884	13,415
38	28	97 662	7 466,932	103 064,733	13,803	13,333
39	29	97 535	6 969,348	95 597,801	13,717	13,247
40	30	97 401	6 504,470	88 628,452	13,626	13,156
41	31	97 250	6 069,494	82 123,982	13,531	13,061
42	32	97 089	5 663,080	76 054,488	13,430	12,960
43	33	96 916	5 283,162	70 391,408	13,324	12,854
44	34	96 732	4 928,156	65 108,246	13,211	12,742
45	35	96 519	4 595,605	60 180,090	13,095	12,626
46	36	96 290	4 284,779	55 584,485	12,973	12,503
47	37	96 036	3 993,908	51 299,706	12,844	12,375
48	38	95 763	3 722,018	47 305,798	12,710	12,240
49	39	95 452	3 467,192	43 583,780	12,570	12,101
50	40	95 111	3 228,796	40 116,588	12,425	11,955
51	41	94 730	3 005,473	36 887,793	12,274	11,804
52	42	94 309	2 796,383	33 882,320	12,116	11,647
53	43	93 844	2 600,555	31 085,936	11,954	11,484
54	44	93 318	2 416,812	28 485,381	11,786	11,317
55	45	92 732	2 244,514	26 068,570	11,614	11,145
56	46	92 078	2 082,871	23 824,055	11,438	10,969
57	47	91 360	1 931,431	21 741,184	11,257	10,787
58	48	90 566	1 789,385	19 809,752	11,071	10,601
59	49	89 684	1 656,038	18 020,367	10,882	10,412
60	50	88 727	1 531,186	16 364,329	10,687	10,218
61	51	87 692	1 414,321	14 833,142	10,488	10,018
62	52	86 557	1 304,690	13 418,822	10,285	9,816
63	53	85 324	1 201,965	12 114,132	10,079	9,609
64	54	84 000	1 105,906	10 912,167	9,867	9,398
65	55	82 564	1 015,883	9 806,261	9,653	9,183
66	56	81 027	931,749	8 790,377	9,434	8,965
67	57	79 396	853,270	7 858,629	9,210	8,741
68	58	77 661	780,024	7 005,359	8,981	8,511
69	59	75 841	711,903	6 225,334	8,745	8,275
70	60	73 891	648,226	5 513,432	8,505	8,036
71	61	71 862	589,183	4 865,206	8,258	7,788
72	62	69 693	534,017	4 276,023	8,007	7,538
73	63	67 451	483,032	3 742,006	7,747	7,277
74	64	65 070	435,496	3 258,974	7,483	7,014
75	65	62 577	391,406	2 823,479	7,214	6,744
76	66	59 991	350,684	2 432,072	6,935	6,466
77	67	57 254	312,794	2 081,388	6,654	6,185
78	68	54 404	277,775	1 768,594	6,367	5,897
79	69	51 386	245,206	1 490,819	6,080	5,610
80	70	48 229	215,084	1 245,614	5,791	5,322
81	71	44 935	187,282	1 030,529	5,503	5,033
82	72	41 459	161,492	843,247	5,222	4,752
83	73	37 877	137,888	681,756	4,944	4,475
84	74	34 221	116,426	543,868	4,671	4,202
85	75	30 518	97,037	427,442	4,405	3,935
86	76	26 798	79,634	330,406	4,149	3,680
87	77	23 134	64,248	250,772	3,903	3,434
88	78	19 600	50,872	186,525	3,667	3,197
89	79	16 227	39,363	135,652	3,446	2,977
90	80	13 122	29,749	96,289	3,237	2,767
91	81	10 348	21,925	66,540	3,035	2,565
92	82	7 934	15,711	44,615	2,840	2,370
93	83	5 843	10,812	28,904	2,673	2,204
94	84	4 170	7,212	18,091	2,509	2,039
95	85	2 846	4,599	10,880	2,365	1,896
96	86	1 866	2,819	6,280	2,228	1,758
97	87	1 154	1,630	3,461	2,124	1,654
98	88	689	0,909	1,831	2,014	1,544
99	89	390	0,481	0,922	1,916	1,446
100	90	209	0,241	0,441	1,827	1,357

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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9						
10						
11	0	99 527	47 284,667	705 884,439	14,928	14,459
12	1	99 220	44 055,058	658 599,772	14,949	14,480
13	2	99 189	41 159,909	614 544,714	14,931	14,461
14	3	99 167	38 458,738	573 384,805	14,909	14,440
15	4	99 143	35 934,164	534 926,067	14,886	14,417
16	5	99 118	33 574,749	498 991,903	14,862	14,393
17	6	99 085	31 367,710	465 417,155	14,837	14,368
18	7	99 049	29 304,970	434 049,445	14,811	14,342
19	8	99 006	27 376,056	404 744,475	14,785	14,315
20	9	98 960	25 573,143	377 368,419	14,756	14,287
21	10	98 911	23 888,351	351 795,276	14,727	14,257
22	11	98 865	22 315,209	327 906,925	14,694	14,225
23	12	98 813	20 844,262	305 591,717	14,661	14,191
24	13	98 765	19 471,111	284 747,455	14,624	14,155
25	14	98 708	18 186,946	265 276,343	14,586	14,117
26	15	98 656	16 988,136	247 089,398	14,545	14,075
27	16	98 599	15 867,546	230 101,262	14,501	14,032
28	17	98 539	14 820,451	214 233,716	14,455	13,986
29	18	98 478	13 842,288	199 413,265	14,406	13,937
30	19	98 407	12 927,422	185 570,977	14,355	13,885
31	20	98 334	12 072,810	172 643,555	14,300	13,831
32	21	98 256	11 273,966	160 570,745	14,243	13,773
33	22	98 177	10 528,000	149 296,779	14,181	13,711
34	23	98 089	9 830,453	138 768,779	14,116	13,647
35	24	97 996	9 178,617	128 938,326	14,048	13,578
36	25	97 900	8 569,723	119 759,709	13,975	13,505
37	26	97 797	8 000,681	111 189,987	13,898	13,428
38	27	97 683	7 468,539	103 189,306	13,817	13,347
39	28	97 558	6 970,991	95 720,766	13,731	13,262
40	29	97 426	6 506,154	88 749,776	13,641	13,171
41	30	97 280	6 071,420	82 243,622	13,546	13,077
42	31	97 120	5 664,859	76 172,202	13,446	12,977
43	32	96 949	5 284,973	70 507,344	13,341	12,872
44	33	96 767	4 929,932	65 222,371	13,230	12,760
45	34	96 558	4 597,472	60 292,439	13,114	12,645
46	35	96 330	4 286,546	55 694,967	12,993	12,523
47	36	96 080	3 995,740	51 408,421	12,866	12,396
48	37	95 809	3 723,786	47 412,681	12,732	12,263
49	38	95 509	3 469,284	43 688,896	12,593	12,124
50	39	95 168	3 230,738	40 219,611	12,449	11,980
51	40	94 795	3 007,535	36 988,873	12,299	11,829
52	41	94 379	2 798,455	33 981,338	12,143	11,673
53	42	93 918	2 602,621	31 182,883	11,981	11,512
54	43	93 403	2 419,009	28 580,262	11,815	11,345
55	44	92 822	2 246,695	26 161,254	11,644	11,175
56	45	92 184	2 085,274	23 914,559	11,468	10,999
57	46	91 471	1 933,786	21 829,285	11,288	10,819
58	47	90 690	1 791,841	19 895,499	11,103	10,634
59	48	89 827	1 658,683	18 103,658	10,914	10,445
60	49	88 882	1 533,868	16 444,976	10,721	10,252
61	50	87 854	1 416,946	14 911,108	10,523	10,054
62	51	86 743	1 307,491	13 494,162	10,321	9,851
63	52	85 523	1 204,776	12 186,670	10,115	9,646
64	53	84 216	1 108,753	10 981,895	9,905	9,435
65	54	82 803	1 018,826	9 873,141	9,691	9,221
66	55	81 291	934,783	8 854,315	9,472	9,003
67	56	79 681	856,333	7 919,532	9,248	8,779
68	57	77 967	783,097	7 063,200	9,020	8,550
69	58	76 172	715,013	6 280,102	8,783	8,314
70	59	74 240	651,292	5 565,090	8,545	8,075
71	60	72 243	592,308	4 913,798	8,296	7,827
72	61	70 091	537,071	4 321,491	8,046	7,577
73	62	67 868	486,013	3 784,420	7,787	7,317
74	63	65 513	438,455	3 298,407	7,523	7,053
75	64	63 048	394,353	2 859,952	7,252	6,783
76	65	60 473	353,502	2 465,599	6,975	6,505
77	66	57 761	315,559	2 112,097	6,693	6,224
78	67	54 924	280,434	1 796,538	6,406	5,937
79	68	51 930	247,799	1 516,104	6,118	5,649
80	69	48 793	217,599	1 268,305	5,829	5,359
81	70	45 508	189,672	1 050,707	5,540	5,070
82	71	42 035	163,735	861,035	5,259	4,789
83	72	38 447	139,961	697,300	4,982	4,513
84	73	34 792	118,369	557,339	4,708	4,239
85	74	31 072	98,799	438,970	4,443	3,974
86	75	27 323	81,195	340,170	4,190	3,720
87	76	23 644	65,664	258,975	3,944	3,474
88	77	20 078	52,112	193,312	3,710	3,240
89	78	16 685	40,474	141,199	3,489	3,019
90	79	13 548	30,714	100,725	3,279	2,810
91	80	10 740	22,755	70,011	3,077	2,607
92	81	8 288	16,412	47,257	2,879	2,410
93	82	6 146	11,374	30,845	2,712	2,242
94	83	4 420	7,645	19,471	2,547	2,077
95	84	3 044	4,920	11,826	2,404	1,934
96	85	2 020	3,051	6,906	2,263	1,794
97	86	1 265	1,785	3,854	2,159	1,689
98	87	766	1,010	2,069	2,047	1,578
99	88	441	0,543	1,058	1,948	1,479
100	89	240	0,277	0,515	1,859	1,390

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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11						
12	0	99 520	44 187,857	658 906,637	14,911	14,442
13	1	99 214	41 170,117	614 718,780	14,931	14,462
14	2	99 179	38 463,516	573 548,663	14,911	14,442
15	3	99 154	35 937,870	535 085,146	14,889	14,420
16	4	99 128	33 577,962	499 147,277	14,865	14,396
17	5	99 094	31 370,505	465 569,315	14,841	14,371
18	6	99 058	29 307,562	434 198,810	14,815	14,346
19	7	99 011	27 377,328	404 891,248	14,789	14,320
20	8	98 967	25 574,925	377 513,920	14,761	14,292
21	9	98 917	23 889,812	351 938,995	14,732	14,262
22	10	98 871	22 316,514	328 049,183	14,700	14,230
23	11	98 820	20 845,874	305 732,669	14,666	14,197
24	12	98 772	19 472,641	284 886,795	14,630	14,161
25	13	98 718	18 188,659	265 414,155	14,592	14,123
26	14	98 665	16 989,702	247 225,495	14,551	14,082
27	15	98 611	15 869,477	230 235,793	14,508	14,039
28	16	98 553	14 822,634	214 366,316	14,462	13,993
29	17	98 491	13 844,173	199 543,683	14,414	13,944
30	18	98 426	12 929,969	185 699,510	14,362	13,892
31	19	98 352	12 074,920	172 769,540	14,308	13,839
32	20	98 274	11 276,051	160 694,620	14,251	13,781
33	21	98 193	10 529,737	149 418,569	14,190	13,721
34	22	98 105	9 832,054	138 888,833	14,126	13,657
35	23	98 014	9 180,269	129 056,779	14,058	13,589
36	24	97 918	8 571,265	119 876,510	13,986	13,516
37	25	97 816	8 002,203	111 305,245	13,909	13,440
38	26	97 701	7 469,945	103 303,042	13,829	13,360
39	27	97 579	6 972,491	95 833,097	13,744	13,275
40	28	97 449	6 507,687	88 860,606	13,655	13,185
41	29	97 306	6 072,991	82 352,919	13,561	13,091
42	30	97 151	5 666,656	76 279,928	13,461	12,992
43	31	96 980	5 286,633	70 613,272	13,357	12,887
44	32	96 800	4 931,622	65 326,639	13,246	12,777
45	33	96 593	4 599,129	60 395,017	13,132	12,662
46	34	96 369	4 288,287	55 795,888	13,011	12,542
47	35	96 120	3 997,387	51 507,601	12,885	12,416
48	36	95 853	3 725,494	47 510,214	12,753	12,283
49	37	95 555	3 470,932	43 784,720	12,615	12,145
50	38	95 225	3 232,688	40 313,788	12,471	12,001
51	39	94 852	3 009,344	37 081,100	12,322	11,852
52	40	94 444	2 800,375	34 071,756	12,167	11,697
53	41	93 988	2 604,549	31 271,381	12,006	11,537
54	42	93 477	2 420,930	28 666,832	11,841	11,372
55	43	92 907	2 248,737	26 245,902	11,671	11,202
56	44	92 273	2 087,300	23 997,165	11,497	11,027
57	45	91 577	1 936,017	21 909,865	11,317	10,847
58	46	90 800	1 794,025	19 973,848	11,134	10,664
59	47	89 950	1 660,959	18 179,823	10,945	10,476
60	48	89 024	1 536,316	16 518,865	10,752	10,283
61	49	88 008	1 419,428	14 982,548	10,555	10,086
62	50	86 904	1 309,919	13 563,120	10,354	9,885
63	51	85 707	1 207,363	12 253,202	10,149	9,679
64	52	84 413	1 111,346	11 045,839	9,939	9,470
65	53	83 016	1 021,449	9 934,493	9,726	9,256
66	54	81 526	937,491	8 913,044	9,507	9,038
67	55	79 941	859,121	7 975,553	9,283	8,814
68	56	78 247	785,908	7 116,432	9,055	8,586
69	57	76 472	717,829	6 330,524	8,819	8,349
70	58	74 565	654,137	5 612,694	8,580	8,111
71	59	72 585	595,108	4 958,558	8,332	7,863
72	60	70 463	539,919	4 363,449	8,082	7,612
73	61	68 256	488,792	3 823,530	7,822	7,353
74	62	65 917	441,161	3 334,738	7,559	7,089
75	63	63 476	397,033	2 893,577	7,288	6,818
76	64	60 928	356,163	2 496,544	7,010	6,540
77	65	58 225	318,094	2 140,381	6,729	6,259
78	66	55 410	282,913	1 822,287	6,441	5,972
79	67	52 427	250,171	1 539,373	6,153	5,684
80	68	49 309	219,900	1 289,202	5,863	5,393
81	69	46 040	191,889	1 069,302	5,573	5,103
82	70	42 571	165,824	877,413	5,291	4,822
83	71	38 981	141,905	711,589	5,015	4,545
84	72	35 315	120,149	569,684	4,741	4,272
85	73	31 591	100,448	449,535	4,475	4,006
86	74	27 820	82,670	349,086	4,223	3,753
87	75	24 107	66,951	266,416	3,979	3,510
88	76	20 520	53,261	199,465	3,745	3,276
89	77	17 092	41,461	146,204	3,526	3,057
90	78	13 930	31,581	104,743	3,317	2,847
91	79	11 088	23,493	73,163	3,114	2,645
92	80	8 602	17,033	49,670	2,916	2,447
93	81	6 420	11,881	32,637	2,747	2,277
94	82	4 650	8,042	20,756	2,581	2,111
95	83	3 227	5,216	12,714	2,438	1,968
96	84	2 161	3,264	7,498	2,297	1,828
97	85	1 369	1,932	4,234	2,191	1,721
98	86	839	1,107	2,301	2,079	1,610
99	87	489	0,604	1,194	1,979	1,510
100	88	271	0,313	0,591	1,889	1,419

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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13	0	99 513	41 294,220	615 001,784	14,893	14,424
14	1	99 204	38 473,055	573 707,564	14,912	14,442
15	2	99 166	35 942,335	535 234,509	14,891	14,422
16	3	99 138	33 581,425	499 292,174	14,868	14,399
17	4	99 103	31 373,507	465 710,749	14,844	14,375
18	5	99 066	29 310,173	434 337,243	14,819	14,349
19	6	99 020	27 379,750	405 027,069	14,793	14,323
20	7	98 971	25 576,113	377 647,319	14,766	14,296
21	8	98 924	23 891,477	352 071,206	14,736	14,267
22	9	98 877	22 317,879	328 179,729	14,705	14,235
23	10	98 826	20 847,093	305 861,850	14,672	14,202
24	11	98 780	19 474,146	285 014,757	14,636	14,166
25	12	98 725	18 190,088	265 540,610	14,598	14,129
26	13	98 674	16 991,303	247 350,523	14,557	14,088
27	14	98 620	15 870,940	230 359,220	14,515	14,045
28	15	98 565	14 824,437	214 488,279	14,469	13,999
29	16	98 506	13 846,212	199 663,842	14,420	13,951
30	17	98 440	12 931,730	185 817,630	14,369	13,900
31	18	98 371	12 077,300	172 885,900	14,315	13,845
32	19	98 291	11 278,022	160 808,600	14,259	13,789
33	20	98 212	10 531,684	149 530,578	14,198	13,729
34	21	98 122	9 833,675	138 998,894	14,135	13,665
35	22	98 030	9 181,764	129 165,219	14,068	13,598
36	23	97 935	8 572,808	119 983,455	13,996	13,526
37	24	97 833	8 003,643	111 410,648	13,920	13,450
38	25	97 720	7 471,366	103 407,005	13,840	13,371
39	26	97 597	6 973,803	95 935,638	13,757	13,287
40	27	97 470	6 509,088	88 961,835	13,667	13,198
41	28	97 328	6 074,423	82 452,747	13,574	13,104
42	29	97 176	5 668,123	76 378,324	13,475	13,006
43	30	97 011	5 288,310	70 710,202	13,371	12,902
44	31	96 831	4 933,171	65 421,892	13,262	12,792
45	32	96 626	4 600,705	60 488,721	13,148	12,678
46	33	96 404	4 289,832	55 888,016	13,028	12,559
47	34	96 159	3 999,011	51 598,183	12,903	12,433
48	35	95 892	3 727,030	47 599,172	12,771	12,302
49	36	95 598	3 472,524	43 872,142	12,634	12,165
50	37	95 271	3 234,223	40 399,618	12,491	12,022
51	38	94 909	3 011,161	37 165,395	12,343	11,873
52	39	94 500	2 802,060	34 154,234	12,189	11,719
53	40	94 053	2 606,336	31 352,175	12,029	11,560
54	41	93 547	2 422,724	28 745,839	11,865	11,396
55	42	92 980	2 250,523	26 323,115	11,696	11,227
56	43	92 357	2 089,197	24 072,592	11,522	11,053
57	44	91 666	1 937,897	21 983,395	11,344	10,874
58	45	90 905	1 796,094	20 045,497	11,161	10,691
59	46	90 060	1 662,983	18 249,403	10,974	10,504
60	47	89 146	1 538,425	16 586,420	10,781	10,312
61	48	88 149	1 421,694	15 047,995	10,585	10,115
62	49	87 056	1 312,213	13 626,301	10,384	9,915
63	50	85 866	1 209,604	12 314,088	10,180	9,711
64	51	84 595	1 113,732	11 104,484	9,971	9,501
65	52	83 210	1 023,838	9 990,752	9,758	9,289
66	53	81 736	939,904	8 966,914	9,540	9,071
67	54	80 172	861,610	8 027,010	9,316	8,847
68	55	78 502	788,467	7 165,400	9,088	8,618
69	56	76 746	720,406	6 376,932	8,852	8,382
70	57	74 858	656,714	5 656,526	8,613	8,144
71	58	72 902	597,708	4 999,813	8,365	7,895
72	59	70 796	542,472	4 402,105	8,115	7,645
73	60	68 618	491,385	3 859,632	7,855	7,385
74	61	66 294	443,684	3 368,247	7,592	7,122
75	62	63 868	399,483	2 924,564	7,321	6,851
76	63	61 342	358,583	2 525,080	7,042	6,572
77	64	58 663	320,489	2 166,497	6,760	6,290
78	65	55 855	285,186	1 846,008	6,473	6,003
79	66	52 890	252,382	1 560,822	6,184	5,715
80	67	49 781	222,005	1 308,439	5,894	5,424
81	68	46 527	193,918	1 086,434	5,603	5,133
82	69	43 069	167,763	892,516	5,320	4,851
83	70	39 478	143,716	724,753	5,043	4,573
84	71	35 805	121,818	581,037	4,770	4,300
85	72	32 066	101,959	459,219	4,504	4,034
86	73	28 284	84,050	357,260	4,251	3,781
87	74	24 545	68,168	273,210	4,008	3,538
88	75	20 923	54,305	205,043	3,776	3,306
89	76	17 469	42,375	150,737	3,557	3,088
90	77	14 270	32,351	108,363	3,350	2,880
91	78	11 401	24,156	76,012	3,147	2,677
92	79	8 881	17,585	51,856	2,949	2,479
93	80	6 663	12,331	34,271	2,779	2,310
94	81	4 857	8,401	21,941	2,612	2,142
95	82	3 395	5,487	13,540	2,468	1,998
96	83	2 291	3,460	8,053	2,327	1,858
97	84	1 464	2,067	4,593	2,222	1,752
98	85	908	1,198	2,526	2,108	1,638
99	86	536	0,661	1,327	2,008	1,538
100	87	302	0,348	0,666	1,917	1,447

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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13						
14	0	99 503	38 589,029	573 968,578	14,874	14,404
15	1	99 191	35 951,249	535 379,550	14,892	14,422
16	2	99 150	33 585,597	499 428,301	14,870	14,401
17	3	99 113	31 376,742	465 842,704	14,847	14,377
18	4	99 076	29 312,978	434 465,962	14,822	14,352
19	5	99 028	27 382,189	405 152,983	14,796	14,327
20	6	98 980	25 578,376	377 770,794	14,769	14,300
21	7	98 929	23 892,587	352 192,419	14,741	14,271
22	8	98 884	22 319,435	328 299,832	14,709	14,240
23	9	98 832	20 848,369	305 980,397	14,676	14,207
24	10	98 786	19 475,286	285 132,028	14,641	14,171
25	11	98 733	18 191,494	265 656,743	14,603	14,134
26	12	98 682	16 992,637	247 465,248	14,563	14,094
27	13	98 629	15 872,436	230 472,611	14,520	14,051
28	14	98 574	14 825,804	214 600,176	14,475	14,005
29	15	98 517	13 847,897	199 774,371	14,426	13,957
30	16	98 454	12 933,635	185 926,474	14,375	13,906
31	17	98 384	12 078,944	172 992,840	14,322	13,852
32	18	98 310	11 280,244	160 913,895	14,265	13,796
33	19	98 229	10 533,525	149 633,651	14,205	13,736
34	20	98 140	9 835,493	139 100,126	14,143	13,673
35	21	98 046	9 183,278	129 264,632	14,076	13,607
36	22	97 951	8 574,204	120 081,354	14,005	13,535
37	23	97 851	8 005,084	111 507,151	13,930	13,460
38	24	97 738	7 472,711	103 502,067	13,851	13,381
39	25	97 616	6 975,130	96 029,356	13,767	13,298
40	26	97 488	6 510,313	89 054,226	13,679	13,209
41	27	97 349	6 075,730	82 543,913	13,586	13,116
42	28	97 199	5 669,459	76 468,183	13,488	13,018
43	29	97 036	5 289,679	70 798,724	13,384	12,915
44	30	96 861	4 934,736	65 509,045	13,275	12,806
45	31	96 656	4 602,150	60 574,310	13,162	12,693
46	32	96 437	4 291,303	55 972,159	13,043	12,574
47	33	96 194	4 000,453	51 680,856	12,919	12,449
48	34	95 931	3 728,544	47 680,404	12,788	12,318
49	35	95 638	3 473,956	43 951,860	12,652	12,182
50	36	95 314	3 235,707	40 477,904	12,510	12,040
51	37	94 954	3 012,591	37 242,198	12,362	11,893
52	38	94 557	2 803,751	34 229,607	12,209	11,739
53	39	94 109	2 607,904	31 425,856	12,050	11,581
54	40	93 611	2 424,386	28 817,952	11,887	11,417
55	41	93 049	2 252,190	26 393,566	11,719	11,250
56	42	92 431	2 090,857	24 141,376	11,546	11,077
57	43	91 749	1 939,659	22 050,519	11,368	10,899
58	44	90 993	1 797,839	20 110,860	11,186	10,717
59	45	90 164	1 664,902	18 313,021	10,999	10,530
60	46	89 255	1 540,300	16 648,119	10,808	10,339
61	47	88 270	1 423,645	15 107,819	10,612	10,143
62	48	87 195	1 314,308	13 684,174	10,412	9,942
63	49	86 016	1 211,723	12 369,867	10,208	9,739
64	50	84 752	1 115,800	11 158,144	10,000	9,531
65	51	83 389	1 026,036	10 042,344	9,788	9,318
66	52	81 927	942,102	9 016,308	9,570	9,101
67	53	80 379	863,828	8 074,206	9,347	8,877
68	54	78 729	790,752	7 210,378	9,118	8,649
69	55	76 996	722,752	6 419,626	8,882	8,413
70	56	75 127	659,071	5 696,874	8,644	8,174
71	57	73 189	600,063	5 037,803	8,395	7,926
72	58	71 105	544,842	4 437,740	8,145	7,675
73	59	68 942	493,709	3 892,898	7,885	7,416
74	60	66 645	446,037	3 399,190	7,621	7,151
75	61	64 233	401,768	2 953,153	7,350	6,881
76	62	61 720	360,796	2 551,385	7,072	6,602
77	63	59 062	322,667	2 190,589	6,789	6,319
78	64	56 276	287,333	1 867,922	6,501	6,031
79	65	53 315	254,410	1 580,589	6,213	5,743
80	66	50 221	223,968	1 326,178	5,921	5,452
81	67	46 972	195,775	1 102,211	5,630	5,160
82	68	43 525	169,537	906,436	5,347	4,877
83	69	39 940	145,396	736,899	5,068	4,599
84	70	36 262	123,372	591,503	4,794	4,325
85	71	32 512	103,375	468,131	4,528	4,059
86	72	28 709	85,314	364,755	4,275	3,806
87	73	24 955	69,305	279,442	4,032	3,563
88	74	21 303	55,292	210,136	3,800	3,331
89	75	17 811	43,206	154,844	3,584	3,114
90	76	14 584	33,064	111,639	3,376	2,907
91	77	11 679	24,745	78,575	3,175	2,706
92	78	9 131	18,081	53,831	2,977	2,508
93	79	6 879	12,731	35,749	2,808	2,339
94	80	5 041	8,719	23,019	2,640	2,171
95	81	3 546	5,731	14,300	2,495	2,026
96	82	2 410	3,640	8,569	2,354	1,884
97	83	1 552	2,191	4,928	2,249	1,779
98	84	971	1,282	2,737	2,136	1,666
99	85	580	0,716	1,455	2,034	1,564
100	86	330	0,381	0,740	1,943	1,473

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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15	0	99 490	36 059,620	535 620,293	14,854	14,384
16	1	99 175	33 593,926	499 560,673	14,871	14,401
17	2	99 126	31 380,641	465 966,747	14,849	14,379
18	3	99 086	29 316,001	434 586,106	14,824	14,355
19	4	99 038	27 384,809	405 270,105	14,799	14,330
20	5	98 989	25 580,654	377 885,296	14,772	14,303
21	6	98 937	23 894,701	352 304,641	14,744	14,275
22	7	98 889	22 320,471	328 409,940	14,713	14,244
23	8	98 839	20 849,822	306 089,469	14,681	14,211
24	9	98 792	19 476,477	285 239,647	14,645	14,176
25	10	98 739	18 192,558	265 763,170	14,608	14,139
26	11	98 690	16 993,951	247 570,612	14,568	14,099
27	12	98 637	15 873,682	230 576,661	14,526	14,056
28	13	98 584	14 827,201	214 702,978	14,480	14,011
29	14	98 527	13 849,174	199 875,777	14,432	13,963
30	15	98 466	12 935,208	186 026,603	14,381	13,912
31	16	98 399	12 080,723	173 091,395	14,328	13,858
32	17	98 324	11 281,781	161 010,672	14,272	13,802
33	18	98 248	10 535,601	149 728,891	14,212	13,742
34	19	98 157	9 837,213	139 193,290	14,150	13,680
35	20	98 064	9 184,976	129 356,077	14,083	13,614
36	21	97 967	8 575,618	120 171,101	14,013	13,544
37	22	97 867	8 006,387	111 595,483	13,938	13,469
38	23	97 755	7 474,056	103 589,096	13,860	13,390
39	24	97 633	6 976,386	96 115,040	13,777	13,308
40	25	97 507	6 511,552	89 138,654	13,689	13,220
41	26	97 368	6 076,874	82 627,103	13,597	13,127
42	27	97 220	5 670,679	76 550,229	13,499	13,030
43	28	97 059	5 290,925	70 879,550	13,396	12,927
44	29	96 886	4 936,013	65 588,625	13,288	12,818
45	30	96 687	4 603,610	60 652,612	13,175	12,705
46	31	96 467	4 292,651	56 049,001	13,057	12,587
47	32	96 227	4 001,824	51 756,351	12,933	12,464
48	33	95 966	3 729,888	47 754,527	12,803	12,334
49	34	95 677	3 475,367	44 024,640	12,668	12,198
50	35	95 354	3 237,041	40 549,273	12,527	12,057
51	36	94 997	3 013,973	37 312,232	12,380	11,910
52	37	94 602	2 805,082	34 298,259	12,227	11,758
53	38	94 166	2 609,478	31 493,177	12,069	11,599
54	39	93 667	2 425,844	28 883,699	11,907	11,437
55	40	93 113	2 253,736	26 457,855	11,740	11,270
56	41	92 499	2 092,406	24 204,119	11,568	11,098
57	42	91 822	1 941,200	22 111,713	11,391	10,921
58	43	91 076	1 799,473	20 170,513	11,209	10,740
59	44	90 251	1 666,519	18 371,040	11,024	10,554
60	45	89 358	1 542,077	16 704,521	10,832	10,363
61	46	88 377	1 425,380	15 162,444	10,637	10,168
62	47	87 315	1 316,111	13 737,064	10,438	9,968
63	48	86 154	1 213,657	12 420,953	10,234	9,765
64	49	84 900	1 117,754	11 207,295	10,027	9,557
65	50	83 544	1 027,941	10 089,541	9,815	9,346
66	51	82 103	944,125	9 061,600	9,598	9,128
67	52	80 567	865,848	8 117,475	9,375	8,906
68	53	78 932	792,787	7 251,627	9,147	8,677
69	54	77 219	724,846	6 458,840	8,911	8,441
70	55	75 372	661,217	5 733,994	8,672	8,202
71	56	73 452	602,217	5 072,777	8,424	7,954
72	57	71 386	546,988	4 470,560	8,173	7,704
73	58	69 244	495,865	3 923,572	7,913	7,443
74	59	66 961	448,146	3 427,707	7,649	7,179
75	60	64 574	403,899	2 979,561	7,377	6,907
76	61	62 073	362,860	2 575,662	7,098	6,629
77	62	59 426	324,658	2 212,802	6,816	6,346
78	63	56 658	289,286	1 888,144	6,527	6,057
79	64	53 717	256,326	1 598,858	6,238	5,768
80	65	50 625	225,767	1 342,532	5,947	5,477
81	66	47 388	197,505	1 116,765	5,654	5,185
82	67	43 941	171,160	919,260	5,371	4,901
83	68	40 362	146,934	748,100	5,091	4,622
84	69	36 686	124,814	601,166	4,816	4,347
85	70	32 926	104,694	476,352	4,550	4,080
86	71	29 108	86,499	371,658	4,297	3,827
87	72	25 330	70,347	285,159	4,054	3,584
88	73	21 658	56,215	214,811	3,821	3,352
89	74	18 135	43,990	158,597	3,605	3,136
90	75	14 870	33,712	114,606	3,400	2,930
91	76	11 936	25,290	80,894	3,199	2,729
92	77	9 354	18,522	55,604	3,002	2,533
93	78	7 073	13,090	37,082	2,833	2,363
94	79	5 205	9,002	23,992	2,665	2,196
95	80	3 680	5,948	14,991	2,520	2,051
96	81	2 517	3,802	9,042	2,378	1,909
97	82	1 633	2,305	5,240	2,273	1,804
98	83	1 030	1,359	2,935	2,160	1,690
99	84	621	0,766	1,576	2,058	1,589
100	85	358	0,412	0,810	1,966	1,497

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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16	0	99 474	33 695,192	499 782,733	14,832	14,363
17	1	99 150	31 388,423	466 087,541	14,849	14,380
18	2	99 098	29 319,644	434 699,118	14,826	14,357
19	3	99 048	27 387,634	405 379,474	14,802	14,332
20	4	98 999	25 583,102	377 991,840	14,775	14,306
21	5	98 946	23 896,830	352 408,738	14,747	14,278
22	6	98 897	22 322,446	328 511,908	14,717	14,247
23	7	98 844	20 850,790	306 189,462	14,685	14,215
24	8	98 799	19 477,834	285 338,672	14,649	14,180
25	9	98 745	18 193,671	265 860,838	14,613	14,143
26	10	98 696	16 994,945	247 667,166	14,573	14,103
27	11	98 645	15 874,910	230 672,221	14,531	14,061
28	12	98 591	14 828,366	214 797,311	14,486	14,016
29	13	98 536	13 850,479	199 968,946	14,438	13,968
30	14	98 475	12 936,401	186 118,467	14,387	13,918
31	15	98 411	12 082,193	173 182,066	14,334	13,864
32	16	98 338	11 283,442	161 099,872	14,278	13,808
33	17	98 261	10 537,035	149 816,430	14,218	13,749
34	18	98 176	9 839,151	139 279,395	14,156	13,686
35	19	98 081	9 186,582	129 440,243	14,090	13,621
36	20	97 985	8 577,203	120 253,661	14,020	13,551
37	21	97 883	8 007,708	111 676,458	13,946	13,477
38	22	97 771	7 475,273	103 668,750	13,868	13,399
39	23	97 651	6 977,641	96 193,477	13,786	13,316
40	24	97 525	6 512,724	89 215,836	13,699	13,229
41	25	97 386	6 078,030	82 703,112	13,607	13,137
42	26	97 238	5 671,746	76 625,082	13,510	13,040
43	27	97 080	5 292,064	70 953,336	13,407	12,938
44	28	96 909	4 937,176	65 661,272	13,299	12,830
45	29	96 712	4 604,802	60 724,096	13,187	12,718
46	30	96 498	4 294,012	56 119,294	13,069	12,600
47	31	96 257	4 003,081	51 825,281	12,946	12,477
48	32	95 999	3 731,166	47 822,201	12,817	12,347
49	33	95 711	3 476,620	44 091,035	12,682	12,213
50	34	95 392	3 238,356	40 614,415	12,542	12,072
51	35	95 037	3 015,215	37 376,059	12,396	11,926
52	36	94 646	2 806,369	34 360,844	12,244	11,774
53	37	94 211	2 610,717	31 554,475	12,087	11,617
54	38	93 724	2 427,309	28 943,758	11,924	11,455
55	39	93 169	2 255,091	26 516,449	11,758	11,289
56	40	92 563	2 093,842	24 261,358	11,587	11,117
57	41	91 890	1 942,638	22 167,516	11,411	10,942
58	42	91 148	1 800,903	20 224,879	11,230	10,761
59	43	90 333	1 668,034	18 423,976	11,045	10,576
60	44	89 445	1 543,575	16 755,942	10,855	10,386
61	45	88 479	1 427,025	15 212,367	10,660	10,191
62	46	87 421	1 317,716	13 785,342	10,462	9,992
63	47	86 272	1 215,323	12 467,627	10,259	9,789
64	48	85 036	1 119,539	11 252,304	10,051	9,581
65	49	83 690	1 029,741	10 132,766	9,840	9,371
66	50	82 255	945,878	9 103,024	9,624	9,154
67	51	80 740	867,707	8 157,147	9,401	8,931
68	52	79 117	794,641	7 289,439	9,173	8,704
69	53	77 418	726,712	6 494,798	8,937	8,468
70	54	75 590	663,133	5 768,087	8,698	8,229
71	55	73 691	604,178	5 104,954	8,449	7,980
72	56	71 642	548,952	4 500,776	8,199	7,729
73	57	69 516	497,819	3 951,824	7,938	7,469
74	58	67 253	450,104	3 454,006	7,674	7,204
75	59	64 879	405,809	3 003,902	7,402	6,933
76	60	62 403	364,784	2 598,093	7,122	6,653
77	61	59 766	326,515	2 233,309	6,840	6,370
78	62	57 008	291,071	1 906,794	6,551	6,081
79	63	54 082	258,067	1 615,723	6,261	5,791
80	64	51 006	227,467	1 357,655	5,969	5,499
81	65	47 768	199,092	1 130,188	5,677	5,207
82	66	44 330	172,673	931,096	5,392	4,923
83	67	40 749	148,340	758,423	5,113	4,643
84	68	37 074	126,135	610,083	4,837	4,367
85	69	33 311	105,918	483,948	4,569	4,100
86	70	29 480	87,603	378,030	4,315	3,846
87	71	25 682	71,325	290,428	4,072	3,602
88	72	21 984	57,060	219,103	3,840	3,370
89	73	18 438	44,725	162,043	3,623	3,154
90	74	15 141	34,324	117,318	3,418	2,948
91	75	12 171	25,786	82,994	3,219	2,749
92	76	9 560	18,930	57,208	3,022	2,553
93	77	7 246	13,409	38,278	2,855	2,385
94	78	5 352	9,256	24,869	2,687	2,217
95	79	3 799	6,141	15,613	2,542	2,073
96	80	2 612	3,946	9,472	2,400	1,931
97	81	1 706	2,408	5,526	2,295	1,825
98	82	1 083	1,429	3,118	2,181	1,712
99	83	658	0,812	1,688	2,080	1,611
100	84	383	0,441	0,877	1,989	1,519

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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17	0	99 449	31 483,040	466 292,370	14,811	14,341
18	1	99 123	29 326,915	434 809,330	14,826	14,357
19	2	99 060	27 391,037	405 482,415	14,803	14,334
20	3	99 009	25 585,741	378 091,378	14,777	14,308
21	4	98 956	23 899,116	352 505,638	14,750	14,280
22	5	98 906	22 324,435	328 606,521	14,720	14,250
23	6	98 853	20 852,635	306 282,086	14,688	14,218
24	7	98 803	19 478,739	285 429,452	14,653	14,184
25	8	98 752	18 194,939	265 950,712	14,617	14,147
26	9	98 702	16 995,985	247 755,773	14,577	14,108
27	10	98 650	15 875,838	230 759,788	14,535	14,066
28	11	98 599	14 829,512	214 883,949	14,490	14,021
29	12	98 544	13 851,566	200 054,437	14,443	13,973
30	13	98 484	12 937,620	186 202,871	14,392	13,923
31	14	98 420	12 083,307	173 265,251	14,339	13,870
32	15	98 350	11 284,815	161 181,943	14,283	13,814
33	16	98 276	10 538,587	149 897,128	14,224	13,754
34	17	98 190	9 840,491	139 358,541	14,162	13,692
35	18	98 101	9 188,392	129 518,050	14,096	13,626
36	19	98 003	8 578,703	120 329,657	14,027	13,557
37	20	97 901	8 009,188	111 750,954	13,953	13,483
38	21	97 787	7 476,506	103 741,766	13,876	13,406
39	22	97 667	6 978,778	96 265,260	13,794	13,324
40	23	97 542	6 513,896	89 286,482	13,707	13,238
41	24	97 404	6 079,124	82 772,587	13,616	13,146
42	25	97 256	5 672,825	76 693,463	13,519	13,050
43	26	97 098	5 293,060	71 020,638	13,418	12,948
44	27	96 930	4 938,239	65 727,577	13,310	12,840
45	28	96 735	4 605,887	60 789,338	13,198	12,729
46	29	96 523	4 295,124	56 183,451	13,081	12,611
47	30	96 287	4 004,351	51 888,327	12,958	12,488
48	31	96 029	3 732,338	47 883,977	12,829	12,360
49	32	95 744	3 477,811	44 151,639	12,695	12,226
50	33	95 427	3 239,523	40 673,827	12,555	12,086
51	34	95 075	3 016,440	37 434,304	12,410	11,941
52	35	94 685	2 807,526	34 417,864	12,259	11,790
53	36	94 254	2 611,915	31 610,338	12,102	11,633
54	37	93 768	2 428,461	28 998,424	11,941	11,472
55	38	93 225	2 256,453	26 569,962	11,775	11,306
56	39	92 618	2 095,101	24 313,510	11,605	11,135
57	40	91 953	1 943,971	22 218,409	11,429	10,960
58	41	91 216	1 802,237	20 274,438	11,250	10,780
59	42	90 405	1 669,359	18 472,201	11,065	10,596
60	43	89 526	1 544,978	16 802,842	10,876	10,406
61	44	88 565	1 428,411	15 257,864	10,682	10,212
62	45	87 522	1 319,236	13 829,453	10,483	10,013
63	46	86 377	1 216,804	12 510,218	10,281	9,812
64	47	85 152	1 121,075	11 293,414	10,074	9,604
65	48	83 824	1 031,385	10 172,339	9,863	9,393
66	49	82 399	947,534	9 140,954	9,647	9,178
67	50	80 889	869,318	8 193,419	9,425	8,956
68	51	79 287	796,347	7 324,101	9,197	8,728
69	52	77 599	728,411	6 527,754	8,962	8,492
70	53	75 785	664,840	5 799,343	8,723	8,253
71	54	73 904	605,928	5 134,503	8,474	8,004
72	55	71 875	550,739	4 528,575	8,223	7,753
73	56	69 766	499,606	3 977,835	7,962	7,492
74	57	67 518	451,877	3 478,230	7,697	7,228
75	58	65 163	407,581	3 026,353	7,425	6,956
76	59	62 698	366,509	2 618,771	7,145	6,676
77	60	60 083	328,247	2 252,262	6,861	6,392
78	61	57 334	292,736	1 924,015	6,573	6,103
79	62	54 416	259,660	1 631,280	6,282	5,813
80	63	51 352	229,012	1 371,619	5,989	5,520
81	64	48 128	200,591	1 142,607	5,696	5,227
82	65	44 686	174,060	942,016	5,412	4,942
83	66	41 109	149,652	767,956	5,132	4,662
84	67	37 429	127,342	618,304	4,855	4,386
85	68	33 664	107,038	490,962	4,587	4,117
86	69	29 824	88,627	383,924	4,332	3,862
87	70	26 010	72,235	295,297	4,088	3,619
88	71	22 289	57,853	223,062	3,856	3,386
89	72	18 715	45,397	165,210	3,639	3,170
90	73	15 393	34,897	119,812	3,433	2,964
91	74	12 392	26,255	84,915	3,234	2,765
92	75	9 748	19,301	58,661	3,039	2,570
93	76	7 406	13,705	39,359	2,872	2,402
94	77	5 482	9,481	25,655	2,706	2,236
95	78	3 907	6,314	16,173	2,561	2,092
96	79	2 697	4,074	9,859	2,420	1,950
97	80	1 770	2,499	5,785	2,315	1,845
98	81	1 132	1,493	3,285	2,201	1,731
99	82	692	0,854	1,792	2,099	1,630
100	83	406	0,467	0,939	2,008	1,539

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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18	0	99 422	29 415,318	434 998,275	14,788	14,319
19	1	99 085	27 397,830	405 582,957	14,803	14,334
20	2	99 021	25 588,920	378 185,127	14,779	14,310
21	3	98 966	23 901,581	352 596,207	14,752	14,282
22	4	98 916	22 326,571	328 694,626	14,722	14,253
23	5	98 861	20 854,493	306 368,055	14,691	14,221
24	6	98 812	19 480,462	285 513,562	14,656	14,187
25	7	98 756	18 195,785	266 033,100	14,621	14,151
26	8	98 709	16 997,170	247 837,315	14,581	14,112
27	9	98 656	15 876,810	230 840,146	14,539	14,070
28	10	98 605	14 830,380	214 963,336	14,495	14,025
29	11	98 551	13 852,638	200 132,956	14,447	13,978
30	12	98 492	12 938,636	186 280,319	14,397	13,928
31	13	98 429	12 084,446	173 341,682	14,344	13,875
32	14	98 359	11 285,856	161 257,237	14,288	13,819
33	15	98 288	10 539,870	149 971,381	14,229	13,759
34	16	98 204	9 841,940	139 431,511	14,167	13,698
35	17	98 114	9 189,644	129 589,571	14,102	13,632
36	18	98 022	8 580,393	120 399,927	14,032	13,562
37	19	97 918	8 010,589	111 819,534	13,959	13,489
38	20	97 805	7 477,889	103 808,945	13,882	13,413
39	21	97 683	6 979,929	96 331,057	13,801	13,332
40	22	97 558	6 514,956	89 351,128	13,715	13,245
41	23	97 421	6 080,218	82 836,172	13,624	13,154
42	24	97 274	5 673,846	76 755,954	13,528	13,059
43	25	97 116	5 294,067	71 082,107	13,427	12,957
44	26	96 948	4 939,169	65 788,040	13,320	12,850
45	27	96 756	4 606,879	60 848,872	13,208	12,739
46	28	96 545	4 296,136	56 241,993	13,091	12,622
47	29	96 312	4 005,387	51 945,857	12,969	12,499
48	30	96 059	3 733,522	47 940,470	12,841	12,371
49	31	95 774	3 478,904	44 206,948	12,707	12,238
50	32	95 459	3 240,633	40 728,044	12,568	12,098
51	33	95 109	3 017,527	37 487,411	12,423	11,954
52	34	94 723	2 808,666	34 469,884	12,273	11,803
53	35	94 293	2 612,992	31 661,217	12,117	11,647
54	36	93 811	2 429,575	29 048,226	11,956	11,487
55	37	93 270	2 257,524	26 618,650	11,791	11,322
56	38	92 674	2 096,366	24 361,126	11,621	11,151
57	39	92 008	1 945,140	22 264,760	11,446	10,977
58	40	91 279	1 803,474	20 319,620	11,267	10,797
59	41	90 472	1 670,596	18 516,147	11,084	10,614
60	42	89 597	1 546,205	16 845,551	10,895	10,425
61	43	88 646	1 429,709	15 299,346	10,701	10,232
62	44	87 607	1 320,517	13 869,637	10,503	10,034
63	45	86 477	1 218,208	12 549,120	10,301	9,832
64	46	85 256	1 122,441	11 330,912	10,095	9,625
65	47	83 939	1 032,801	10 208,471	9,884	9,415
66	48	82 531	949,047	9 175,670	9,668	9,199
67	49	81 031	870,841	8 226,623	9,447	8,977
68	50	79 434	797,826	7 355,782	9,220	8,750
69	51	77 766	729,975	6 557,956	8,984	8,514
70	52	75 962	666,394	5 827,981	8,746	8,276
71	53	74 094	607,488	5 161,587	8,497	8,027
72	54	72 083	552,335	4 554,099	8,245	7,776
73	55	69 993	501,233	4 001,764	7,984	7,514
74	56	67 760	453,499	3 500,532	7,719	7,249
75	57	65 419	409,187	3 047,032	7,447	6,977
76	58	62 972	368,110	2 637,845	7,166	6,696
77	59	60 367	329,799	2 269,735	6,882	6,413
78	60	57 638	294,288	1 939,936	6,592	6,122
79	61	54 727	261,145	1 645,648	6,302	5,832
80	62	51 669	230,426	1 384,503	6,008	5,539
81	63	48 455	201,954	1 154,077	5,715	5,245
82	64	45 022	175,371	952,123	5,429	4,960
83	65	41 439	150,854	776,752	5,149	4,680
84	66	37 760	128,468	625,898	4,872	4,403
85	67	33 986	108,063	497,430	4,603	4,134
86	68	30 140	89,564	389,367	4,347	3,878
87	69	26 314	73,079	299,803	4,102	3,633
88	70	22 574	58,591	226,724	3,870	3,400
89	71	18 975	46,028	168,133	3,653	3,183
90	72	15 625	35,422	122,105	3,447	2,978
91	73	12 598	26,693	86,683	3,247	2,778
92	74	9 925	19,652	59,991	3,053	2,583
93	75	7 551	13,973	40,339	2,887	2,417
94	76	5 603	9,690	26,365	2,721	2,251
95	77	4 002	6,468	16,675	2,578	2,108
96	78	2 773	4,189	10,207	2,436	1,967
97	79	1 828	2,580	6,017	2,332	1,863
98	80	1 174	1,550	3,437	2,218	1,749
99	81	723	0,892	1,888	2,117	1,647
100	82	427	0,492	0,996	2,026	1,556

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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19	0	99 384	27 480,418	405 757,249	14,765	14,296
20	1	99 046	25 595,266	378 276,832	14,779	14,310
21	2	98 978	23 904,551	352 681,566	14,754	14,284
22	3	98 926	22 328,874	328 777,015	14,724	14,255
23	4	98 871	20 856,488	306 448,141	14,693	14,224
24	5	98 821	19 482,198	285 591,653	14,659	14,190
25	6	98 765	18 197,394	266 109,455	14,623	14,154
26	7	98 713	16 997,959	247 912,061	14,585	14,115
27	8	98 663	15 877,916	230 914,102	14,543	14,074
28	9	98 611	14 831,287	215 036,185	14,499	14,029
29	10	98 557	13 853,448	200 204,898	14,452	13,982
30	11	98 500	12 939,637	186 351,450	14,402	13,932
31	12	98 437	12 085,395	173 411,814	14,349	13,879
32	13	98 369	11 286,919	161 326,419	14,293	13,824
33	14	98 297	10 540,841	150 039,500	14,234	13,765
34	15	98 216	9 843,138	139 498,658	14,172	13,703
35	16	98 128	9 190,997	129 655,520	14,107	13,637
36	17	98 035	8 581,562	120 464,523	14,038	13,568
37	18	97 938	8 012,167	111 882,961	13,964	13,495
38	19	97 822	7 479,196	103 870,794	13,888	13,418
39	20	97 701	6 981,219	96 391,598	13,807	13,338
40	21	97 574	6 516,031	89 410,379	13,722	13,252
41	22	97 437	6 081,208	82 894,348	13,631	13,162
42	23	97 291	5 674,867	76 813,140	13,536	13,066
43	24	97 134	5 295,020	71 138,273	13,435	12,965
44	25	96 967	4 940,108	65 843,253	13,328	12,859
45	26	96 774	4 607,746	60 903,144	13,218	12,748
46	27	96 566	4 297,061	56 295,398	13,101	12,631
47	28	96 335	4 006,331	51 998,338	12,979	12,510
48	29	96 084	3 734,488	47 992,007	12,851	12,382
49	30	95 804	3 480,007	44 257,518	12,718	12,248
50	31	95 489	3 241,651	40 777,511	12,579	12,110
51	32	95 142	3 018,561	37 535,860	12,435	11,966
52	33	94 757	2 809,679	34 517,298	12,285	11,816
53	34	94 331	2 614,053	31 707,619	12,130	11,660
54	35	93 850	2 430,577	29 093,567	11,970	11,500
55	36	93 312	2 258,560	26 662,990	11,805	11,336
56	37	92 718	2 097,361	24 404,430	11,636	11,166
57	38	92 064	1 946,314	22 307,069	11,461	10,992
58	39	91 333	1 804,558	20 360,755	11,283	10,813
59	40	90 534	1 671,742	18 556,196	11,100	10,630
60	41	89 663	1 547,351	16 884,454	10,912	10,442
61	42	88 716	1 430,845	15 337,104	10,719	10,249
62	43	87 687	1 321,717	13 906,259	10,521	10,052
63	44	86 561	1 219,391	12 584,541	10,320	9,851
64	45	85 354	1 123,736	11 365,150	10,114	9,644
65	46	84 041	1 034,060	10 241,414	9,904	9,435
66	47	82 644	950,349	9 207,354	9,688	9,219
67	48	81 160	872,231	8 257,005	9,467	8,997
68	49	79 573	799,223	7 384,774	9,240	8,770
69	50	77 910	731,330	6 585,551	9,005	8,535
70	51	76 125	667,825	5 854,220	8,766	8,297
71	52	74 268	608,908	5 186,395	8,518	8,048
72	53	72 269	553,757	4 577,487	8,266	7,797
73	54	70 196	502,685	4 023,730	8,004	7,535
74	55	67 981	454,976	3 521,045	7,739	7,269
75	56	65 654	410,656	3 066,070	7,466	6,997
76	57	63 220	369,560	2 655,414	7,185	6,716
77	58	60 631	331,240	2 285,853	6,901	6,431
78	59	57 910	295,680	1 954,613	6,611	6,141
79	60	55 017	262,530	1 658,934	6,319	5,850
80	61	51 965	231,744	1 396,403	6,026	5,556
81	62	48 754	203,201	1 164,660	5,732	5,262
82	63	45 328	176,562	961,459	5,445	4,976
83	64	41 751	151,990	784,897	5,164	4,695
84	65	38 063	129,500	632,907	4,887	4,418
85	66	34 286	109,018	503,407	4,618	4,148
86	67	30 428	90,421	394,389	4,362	3,892
87	68	26 592	73,852	303,967	4,116	3,646
88	69	22 838	59,276	230,115	3,882	3,413
89	70	19 217	46,615	170,840	3,665	3,195
90	71	15 842	35,914	124,225	3,459	2,989
91	72	12 788	27,094	88,311	3,259	2,790
92	73	10 090	19,980	61,217	3,064	2,594
93	74	7 688	14,227	41,236	2,898	2,429
94	75	5 713	9,880	27,009	2,734	2,264
95	76	4 090	6,611	17,129	2,591	2,121
96	77	2 841	4,291	10,518	2,451	1,981
97	78	1 879	2,653	6,227	2,347	1,877
98	79	1 212	1,600	3,574	2,234	1,764
99	80	751	0,926	1,974	2,133	1,663
100	81	446	0,514	1,048	2,041	1,572

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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20	0	99 344	25 672,420	378 437,617	14,741	14,272
21	1	99 003	23 910,479	352 765,197	14,754	14,284
22	2	98 938	22 331,648	328 854,718	14,726	14,256
23	3	98 881	20 858,639	306 523,070	14,695	14,226
24	4	98 830	19 484,062	285 664,430	14,661	14,192
25	5	98 774	18 199,016	266 180,368	14,626	14,157
26	6	98 722	16 999,463	247 981,353	14,588	14,118
27	7	98 668	15 878,654	230 981,890	14,547	14,077
28	8	98 618	14 832,321	215 103,236	14,502	14,033
29	9	98 563	13 854,295	200 270,915	14,456	13,986
30	10	98 506	12 940,394	186 416,620	14,406	13,936
31	11	98 445	12 086,329	173 476,226	14,353	13,884
32	12	98 376	11 287,805	161 389,897	14,298	13,828
33	13	98 306	10 541,835	150 102,091	14,239	13,769
34	14	98 225	9 844,046	139 560,256	14,177	13,708
35	15	98 140	9 192,115	129 716,211	14,112	13,642
36	16	98 050	8 582,826	120 524,095	14,042	13,573
37	17	97 951	8 013,258	111 941,270	13,970	13,500
38	18	97 842	7 480,670	103 928,012	13,893	13,423
39	19	97 718	6 982,440	96 447,342	13,813	13,343
40	20	97 592	6 517,236	89 464,902	13,727	13,258
41	21	97 453	6 082,211	82 947,666	13,638	13,168
42	22	97 307	5 675,792	76 865,455	13,543	13,073
43	23	97 151	5 295,973	71 189,664	13,442	12,973
44	24	96 984	4 940,997	65 893,691	13,336	12,867
45	25	96 792	4 608,622	60 952,693	13,226	12,756
46	26	96 584	4 297,870	56 344,071	13,110	12,640
47	27	96 356	4 007,193	52 046,201	12,988	12,519
48	28	96 107	3 735,369	48 039,008	12,861	12,391
49	29	95 829	3 480,908	44 303,639	12,728	12,258
50	30	95 520	3 242,680	40 822,731	12,589	12,120
51	31	95 172	3 019,510	37 580,052	12,446	11,976
52	32	94 790	2 810,642	34 560,542	12,296	11,827
53	33	94 365	2 614,995	31 749,900	12,141	11,672
54	34	93 888	2 431,564	29 134,905	11,982	11,512
55	35	93 351	2 259,491	26 703,341	11,818	11,349
56	36	92 761	2 098,323	24 443,850	11,649	11,180
57	37	92 107	1 947,238	22 345,527	11,475	11,006
58	38	91 389	1 805,648	20 398,288	11,297	10,827
59	39	90 589	1 672,747	18 592,640	11,115	10,646
60	40	89 725	1 548,412	16 919,893	10,927	10,458
61	41	88 782	1 431,905	15 371,481	10,735	10,265
62	42	87 756	1 322,767	13 939,576	10,538	10,069
63	43	86 639	1 220,500	12 616,808	10,337	9,868
64	44	85 437	1 124,828	11 396,309	10,132	9,662
65	45	84 138	1 035,252	10 271,481	9,922	9,452
66	46	82 745	951,508	9 236,229	9,707	9,237
67	47	81 272	873,428	8 284,721	9,485	9,016
68	48	79 700	800,499	7 411,293	9,258	8,789
69	49	78 047	732,611	6 610,794	9,024	8,554
70	50	76 266	669,065	5 878,183	8,786	8,316
71	51	74 427	610,216	5 209,117	8,537	8,067
72	52	72 438	555,052	4 598,902	8,286	7,816
73	53	70 377	503,979	4 043,850	8,024	7,554
74	54	68 178	456,294	3 539,871	7,758	7,288
75	55	65 868	411,993	3 083,577	7,485	7,015
76	56	63 447	370,887	2 671,584	7,203	6,734
77	57	60 870	332,545	2 300,697	6,918	6,449
78	58	58 163	296,972	1 968,153	6,627	6,158
79	59	55 277	263,772	1 671,181	6,336	5,866
80	60	52 241	232,973	1 407,409	6,041	5,572
81	61	49 033	204,363	1 174,437	5,747	5,277
82	62	45 608	177,652	970,074	5,461	4,991
83	63	42 035	153,023	792,422	5,178	4,709
84	64	38 350	130,475	639,399	4,901	4,431
85	65	34 562	109,894	508,924	4,631	4,162
86	66	30 697	91,221	399,030	4,374	3,905
87	67	26 847	74,559	307,810	4,128	3,659
88	68	23 079	59,903	233,251	3,894	3,424
89	69	19 442	47,160	173,348	3,676	3,206
90	70	16 044	36,372	126,188	3,469	3,000
91	71	12 966	27,470	89,816	3,270	2,800
92	72	10 242	20,281	62,345	3,074	2,605
93	73	7 816	14,465	42,065	2,908	2,439
94	74	5 817	10,060	27,600	2,744	2,274
95	75	4 170	6,741	17,540	2,602	2,133
96	76	2 903	4,386	10,800	2,462	1,993
97	77	1 925	2,718	6,414	2,360	1,890
98	78	1 247	1,645	3,696	2,247	1,777
99	79	775	0,956	2,051	2,146	1,677
100	80	463	0,533	1,096	2,055	1,586

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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21	0	99 301	23 982,555	352 913,528	14,715	14,246
22	1	98 963	22 337,186	328 930,973	14,726	14,256
23	2	98 893	20 861,231	306 593,787	14,697	14,227
24	3	98 841	19 486,072	285 732,556	14,663	14,194
25	4	98 783	18 200,757	266 246,484	14,628	14,159
26	5	98 731	17 000,977	248 045,727	14,590	14,121
27	6	98 677	15 880,058	231 044,750	14,549	14,080
28	7	98 622	14 833,010	215 164,691	14,506	14,036
29	8	98 570	13 855,261	200 331,682	14,459	13,989
30	9	98 512	12 941,185	186 476,421	14,410	13,940
31	10	98 450	12 087,037	173 535,235	14,357	13,888
32	11	98 384	11 288,678	161 448,199	14,302	13,832
33	12	98 314	10 542,663	150 159,520	14,243	13,774
34	13	98 234	9 844,973	139 616,858	14,182	13,712
35	14	98 149	9 192,963	129 771,885	14,116	13,647
36	15	98 062	8 583,870	120 578,922	14,047	13,578
37	16	97 965	8 014,438	111 995,052	13,974	13,505
38	17	97 855	7 481,688	103 980,613	13,898	13,429
39	18	97 737	6 983,816	96 498,925	13,818	13,348
40	19	97 609	6 518,375	89 515,109	13,733	13,263
41	20	97 471	6 083,336	82 996,734	13,643	13,174
42	21	97 323	5 676,728	76 913,398	13,549	13,079
43	22	97 167	5 296,836	71 236,671	13,449	12,979
44	23	97 002	4 941,887	65 939,835	13,343	12,874
45	24	96 810	4 609,452	60 997,948	13,233	12,764
46	25	96 603	4 298,687	56 388,497	13,118	12,648
47	26	96 374	4 007,948	52 089,809	12,997	12,527
48	27	96 128	3 736,173	48 081,862	12,869	12,400
49	28	95 852	3 481,728	44 345,689	12,737	12,267
50	29	95 544	3 243,519	40 863,961	12,599	12,129
51	30	95 202	3 020,467	37 620,442	12,455	11,986
52	31	94 820	2 811,525	34 599,974	12,306	11,837
53	32	94 397	2 615,891	31 788,450	12,152	11,683
54	33	93 922	2 432,441	29 172,558	11,993	11,524
55	34	93 389	2 260,409	26 740,117	11,830	11,360
56	35	92 799	2 099,188	24 479,709	11,662	11,192
57	36	92 150	1 948,132	22 380,520	11,488	11,019
58	37	91 432	1 806,505	20 432,389	11,310	10,841
59	38	90 643	1 673,757	18 625,884	11,128	10,659
60	39	89 779	1 549,344	16 952,127	10,941	10,472
61	40	88 843	1 432,887	15 402,783	10,749	10,280
62	41	87 821	1 323,747	13 969,895	10,553	10,084
63	42	86 708	1 221,469	12 646,148	10,353	9,884
64	43	85 515	1 125,850	11 424,679	10,148	9,678
65	44	84 220	1 036,258	10 298,829	9,938	9,469
66	45	82 840	952,605	9 262,570	9,723	9,254
67	46	81 371	874,493	8 309,965	9,503	9,033
68	47	79 809	801,598	7 435,473	9,276	8,806
69	48	78 171	733,781	6 633,875	9,041	8,571
70	49	76 400	670,237	5 900,094	8,803	8,333
71	50	74 565	611,349	5 229,857	8,555	8,085
72	51	72 593	556,244	4 618,508	8,303	7,834
73	52	70 541	505,157	4 062,265	8,042	7,572
74	53	68 353	457,468	3 557,108	7,776	7,306
75	54	66 059	413,187	3 099,639	7,502	7,032
76	55	63 653	372,095	2 686,453	7,220	6,750
77	56	61 088	333,738	2 314,358	6,935	6,465
78	57	58 393	298,142	1 980,620	6,643	6,174
79	58	55 519	264,924	1 682,478	6,351	5,881
80	59	52 488	234,074	1 417,554	6,056	5,586
81	60	49 293	205,447	1 183,480	5,761	5,291
82	61	45 869	178,668	978,033	5,474	5,005
83	62	42 294	153,967	799,365	5,192	4,722
84	63	38 610	131,361	645,398	4,913	4,444
85	64	34 822	110,722	514,037	4,643	4,173
86	65	30 944	91,954	403,315	4,386	3,917
87	66	27 084	75,218	311,362	4,139	3,670
88	67	23 300	60,476	236,144	3,905	3,435
89	68	19 647	47,659	175,667	3,686	3,216
90	69	16 231	36,797	128,009	3,479	3,009
91	70	13 131	27,821	91,211	3,279	2,809
92	71	10 384	20,562	63,390	3,083	2,613
93	72	7 934	14,682	42,828	2,917	2,448
94	73	5 914	10,228	28,146	2,752	2,282
95	74	4 246	6,863	17,918	2,611	2,141
96	75	2 960	4,472	11,055	2,472	2,003
97	76	1 967	2,778	6,583	2,370	1,901
98	77	1 277	1,685	3,806	2,258	1,789
99	78	797	0,983	2,121	2,158	1,689
100	79	478	0,550	1,138	2,068	1,598

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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22	0	99 261	22 404,520	329 067,826	14,688	14,218
23	1	98 918	20 866,404	306 663,306	14,697	14,227
24	2	98 853	19 488,493	285 796,902	14,665	14,195
25	3	98 794	18 202,634	266 308,409	14,630	14,161
26	4	98 740	17 002,604	248 105,774	14,592	14,123
27	5	98 685	15 881,473	231 103,170	14,552	14,082
28	6	98 631	14 834,322	215 221,697	14,508	14,039
29	7	98 574	13 855,905	200 387,375	14,462	13,993
30	8	98 518	12 942,087	186 531,470	14,413	13,943
31	9	98 456	12 087,776	173 589,383	14,361	13,891
32	10	98 390	11 289,339	161 501,607	14,306	13,836
33	11	98 322	10 543,478	150 212,268	14,247	13,777
34	12	98 242	9 845,746	139 668,791	14,186	13,716
35	13	98 159	9 193,829	129 823,044	14,121	13,651
36	14	98 071	8 584,662	120 629,215	14,052	13,582
37	15	97 977	8 015,414	112 044,553	13,979	13,509
38	16	97 869	7 482,790	104 029,140	13,902	13,433
39	17	97 751	6 984,767	96 546,350	13,822	13,353
40	18	97 628	6 519,660	89 561,583	13,737	13,268
41	19	97 488	6 084,399	83 041,923	13,648	13,179
42	20	97 341	5 677,777	76 957,524	13,554	13,085
43	21	97 183	5 297,709	71 279,747	13,455	12,985
44	22	97 017	4 942,691	65 982,038	13,349	12,880
45	23	96 827	4 610,282	61 039,346	13,240	12,770
46	24	96 620	4 299,461	56 429,065	13,125	12,655
47	25	96 392	4 008,710	52 129,604	13,004	12,535
48	26	96 146	3 736,876	48 120,893	12,877	12,408
49	27	95 872	3 482,478	44 384,017	12,745	12,275
50	28	95 567	3 244,283	40 901,540	12,607	12,138
51	29	95 227	3 021,249	37 657,256	12,464	11,995
52	30	94 850	2 812,417	34 636,007	12,315	11,846
53	31	94 427	2 616,713	31 823,590	12,162	11,692
54	32	93 954	2 433,274	29 206,877	12,003	11,534
55	33	93 422	2 261,223	26 773,603	11,840	11,371
56	34	92 837	2 100,041	24 512,380	11,672	11,203
57	35	92 188	1 948,935	22 412,339	11,500	11,030
58	36	91 474	1 807,334	20 463,404	11,322	10,853
59	37	90 686	1 674,552	18 656,070	11,141	10,671
60	38	89 833	1 550,279	16 981,518	10,954	10,484
61	39	88 896	1 433,749	15 431,239	10,763	10,293
62	40	87 881	1 324,656	13 997,490	10,567	10,097
63	41	86 772	1 222,374	12 672,834	10,367	9,898
64	42	85 583	1 126,745	11 450,460	10,162	9,693
65	43	84 296	1 037,200	10 323,716	9,953	9,484
66	44	82 921	953,531	9 286,515	9,739	9,270
67	45	81 465	875,501	8 332,985	9,518	9,048
68	46	79 907	802,575	7 457,483	9,292	8,822
69	47	78 279	734,788	6 654,909	9,057	8,587
70	48	76 522	671,307	5 920,121	8,819	8,349
71	49	74 696	612,419	5 248,814	8,571	8,101
72	50	72 728	557,276	4 636,394	8,320	7,850
73	51	70 693	506,242	4 079,118	8,058	7,588
74	52	68 513	458,538	3 572,876	7,792	7,322
75	53	66 229	414,250	3 114,338	7,518	7,048
76	54	63 838	373,173	2 700,088	7,235	6,766
77	55	61 287	334,825	2 326,915	6,950	6,480
78	56	58 602	299,212	1 992,090	6,658	6,188
79	57	55 737	265,968	1 692,878	6,365	5,895
80	58	52 717	235,097	1 426,911	6,069	5,600
81	59	49 526	206,418	1 191,814	5,774	5,304
82	60	46 112	179,616	985,396	5,486	5,017
83	61	42 536	154,848	805,780	5,204	4,734
84	62	38 849	132,172	650,933	4,925	4,455
85	63	35 059	111,474	518,760	4,654	4,184
86	64	31 177	92,646	407,287	4,396	3,927
87	65	27 301	75,822	314,641	4,150	3,680
88	66	23 506	61,011	238,818	3,914	3,445
89	67	19 835	48,115	177,808	3,695	3,226
90	68	16 403	37,187	129,693	3,488	3,018
91	69	13 284	28,146	92,506	3,287	2,817
92	70	10 517	20,825	64,360	3,091	2,621
93	71	8 044	14,886	43,535	2,925	2,455
94	72	6 003	10,381	28,649	2,760	2,290
95	73	4 317	6,978	18,268	2,618	2,149
96	74	3 014	4,553	11,290	2,480	2,010
97	75	2 006	2,832	6,737	2,379	1,909
98	76	1 305	1,722	3,905	2,267	1,798
99	77	816	1,007	2,183	2,168	1,699
100	78	491	0,566	1,176	2,078	1,609

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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23	0	99 216	20 929,304	306 789,573	14,658	14,189
24	1	98 877	19 493,326	285 860,269	14,665	14,195
25	2	98 806	18 204,896	266 366,943	14,632	14,162
26	3	98 750	17 004,358	248 162,047	14,594	14,125
27	4	98 695	15 882,993	231 157,689	14,554	14,084
28	5	98 640	14 835,644	215 274,696	14,511	14,041
29	6	98 583	13 857,130	200 439,053	14,465	13,995
30	7	98 523	12 942,688	186 581,922	14,416	13,946
31	8	98 463	12 088,618	173 639,234	14,364	13,894
32	9	98 396	11 290,029	161 550,616	14,309	13,840
33	10	98 327	10 544,095	150 260,586	14,251	13,781
34	11	98 250	9 846,508	139 716,492	14,189	13,720
35	12	98 166	9 194,551	129 869,984	14,125	13,655
36	13	98 080	8 585,470	120 675,433	14,056	13,586
37	14	97 986	8 016,153	112 089,962	13,983	13,513
38	15	97 881	7 483,701	104 073,809	13,907	13,437
39	16	97 765	6 985,795	96 590,109	13,827	13,357
40	17	97 642	6 520,548	89 604,313	13,742	13,272
41	18	97 508	6 085,598	83 083,766	13,653	13,183
42	19	97 358	5 678,770	76 998,168	13,559	13,089
43	20	97 201	5 298,689	71 319,398	13,460	12,990
44	21	97 033	4 943,507	66 020,709	13,355	12,886
45	22	96 843	4 611,032	61 077,202	13,246	12,776
46	23	96 638	4 300,235	56 466,170	13,131	12,661
47	24	96 410	4 009,432	52 165,935	13,011	12,541
48	25	96 164	3 737,587	48 156,504	12,884	12,415
49	26	95 890	3 483,133	44 418,917	12,753	12,283
50	27	95 588	3 244,982	40 935,783	12,615	12,146
51	28	95 249	3 021,961	37 690,802	12,472	12,003
52	29	94 874	2 813,145	34 668,840	12,324	11,854
53	30	94 457	2 617,543	31 855,696	12,170	11,701
54	31	93 983	2 434,039	29 238,153	12,012	11,543
55	32	93 454	2 261,999	26 804,114	11,850	11,380
56	33	92 870	2 100,798	24 542,116	11,682	11,213
57	34	92 225	1 949,726	22 441,318	11,510	11,040
58	35	91 512	1 808,079	20 491,591	11,333	10,864
59	36	90 728	1 675,320	18 683,512	11,152	10,683
60	37	89 876	1 551,015	17 008,192	10,966	10,496
61	38	88 950	1 434,615	15 457,177	10,774	10,305
62	39	87 934	1 325,452	14 022,562	10,579	10,110
63	40	86 832	1 223,213	12 697,110	10,380	9,911
64	41	85 646	1 127,579	11 473,897	10,176	9,706
65	42	84 363	1 038,024	10 346,318	9,967	9,498
66	43	82 996	954,397	9 308,294	9,753	9,284
67	44	81 544	876,352	8 353,896	9,533	9,063
68	45	79 999	803,501	7 477,544	9,306	8,837
69	46	78 374	735,683	6 674,044	9,072	8,602
70	47	76 627	672,228	5 938,360	8,834	8,364
71	48	74 815	613,397	5 266,132	8,585	8,116
72	49	72 856	558,252	4 652,735	8,334	7,865
73	50	70 824	507,182	4 094,483	8,073	7,603
74	51	68 660	459,523	3 587,301	7,807	7,337
75	52	66 384	415,219	3 127,778	7,533	7,063
76	53	64 002	374,133	2 712,559	7,250	6,781
77	54	61 465	335,795	2 338,426	6,964	6,494
78	55	58 793	300,186	2 002,631	6,671	6,202
79	56	55 938	266,922	1 702,445	6,378	5,909
80	57	52 925	236,023	1 435,523	6,082	5,613
81	58	49 742	207,320	1 199,499	5,786	5,316
82	59	46 330	180,465	992,180	5,498	5,028
83	60	42 762	155,669	811,715	5,214	4,745
84	61	39 071	132,928	656,046	4,935	4,466
85	62	35 275	112,162	523,118	4,664	4,194
86	63	31 389	93,275	410,956	4,406	3,936
87	64	27 507	76,393	317,680	4,158	3,689
88	65	23 695	61,501	241,287	3,923	3,454
89	66	20 011	48,540	179,786	3,704	3,234
90	67	16 560	37,543	131,246	3,496	3,026
91	68	13 425	28,444	93,703	3,294	2,825
92	69	10 640	21,068	65,260	3,098	2,628
93	70	8 147	15,076	44,191	2,931	2,462
94	71	6 086	10,526	29,115	2,766	2,297
95	72	4 382	7,083	18,590	2,625	2,155
96	73	3 064	4,629	11,507	2,486	2,016
97	74	2 042	2,884	6,878	2,385	1,916
98	75	1 331	1,756	3,995	2,275	1,805
99	76	834	1,029	2,239	2,176	1,707
100	77	503	0,580	1,210	2,087	1,618

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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24	0	99 175	19 552,087	285 976,781	14,626	14,157
25	1	98 830	18 209,411	266 424,695	14,631	14,162
26	2	98 763	17 006,471	248 215,284	14,595	14,126
27	3	98 705	15 884,631	231 208,813	14,556	14,086
28	4	98 649	14 837,063	215 324,182	14,513	14,043
29	5	98 592	13 858,365	200 487,119	14,467	13,997
30	6	98 532	12 943,833	186 628,754	14,418	13,949
31	7	98 468	12 089,180	173 684,920	14,367	13,897
32	8	98 403	11 290,816	161 595,741	14,312	13,843
33	9	98 333	10 544,740	150 304,924	14,254	13,785
34	10	98 255	9 847,084	139 760,185	14,193	13,724
35	11	98 174	9 195,262	129 913,101	14,128	13,659
36	12	98 088	8 586,145	120 717,839	14,060	13,590
37	13	97 996	8 016,908	112 131,694	13,987	13,517
38	14	97 890	7 484,391	104 114,786	13,911	13,441
39	15	97 777	6 986,645	96 630,395	13,831	13,361
40	16	97 656	6 521,508	89 643,750	13,746	13,276
41	17	97 521	6 086,427	83 122,242	13,657	13,187
42	18	97 377	5 679,889	77 035,815	13,563	13,093
43	19	97 218	5 299,615	71 355,926	13,464	12,995
44	20	97 051	4 944,421	66 056,311	13,360	12,890
45	21	96 859	4 611,793	61 111,890	13,251	12,782
46	22	96 653	4 300,935	56 500,098	13,137	12,667
47	23	96 427	4 010,153	52 199,162	13,017	12,547
48	24	96 181	3 738,259	48 189,009	12,891	12,421
49	25	95 909	3 483,796	44 450,750	12,759	12,290
50	26	95 605	3 245,592	40 966,954	12,622	12,153
51	27	95 270	3 022,612	37 721,361	12,480	12,010
52	28	94 897	2 813,808	34 698,749	12,332	11,862
53	29	94 481	2 618,221	31 884,942	12,178	11,709
54	30	94 013	2 434,811	29 266,721	12,020	11,551
55	31	93 484	2 262,709	26 831,910	11,858	11,389
56	32	92 902	2 101,518	24 569,201	11,691	11,222
57	33	92 258	1 950,429	22 467,683	11,519	11,050
58	34	91 549	1 808,813	20 517,254	11,343	10,873
59	35	90 765	1 676,011	18 708,441	11,162	10,693
60	36	89 917	1 551,727	17 032,430	10,976	10,507
61	37	88 992	1 435,296	15 480,703	10,786	10,316
62	38	87 987	1 326,253	14 045,407	10,590	10,121
63	39	86 884	1 223,949	12 719,155	10,392	9,922
64	40	85 705	1 128,353	11 495,206	10,188	9,718
65	41	84 426	1 038,793	10 366,853	9,980	9,510
66	42	83 062	955,156	9 328,060	9,766	9,296
67	43	81 618	877,148	8 372,905	9,546	9,076
68	44	80 076	804,281	7 495,756	9,320	8,850
69	45	78 464	736,532	6 691,475	9,085	8,616
70	46	76 720	673,048	5 954,943	8,848	8,378
71	47	74 918	614,239	5 281,895	8,599	8,130
72	48	72 972	559,143	4 667,657	8,348	7,878
73	49	70 948	508,070	4 108,513	8,087	7,617
74	50	68 788	460,376	3 600,443	7,821	7,351
75	51	66 526	416,111	3 140,067	7,546	7,077
76	52	64 152	375,008	2 723,957	7,264	6,794
77	53	61 623	336,659	2 348,948	6,977	6,508
78	54	58 963	301,056	2 012,289	6,684	6,215
79	55	56 120	267,791	1 711,233	6,390	5,921
80	56	53 114	236,870	1 443,442	6,094	5,624
81	57	49 938	208,136	1 206,571	5,797	5,328
82	58	46 532	181,253	998,435	5,509	5,039
83	59	42 964	156,405	817,182	5,225	4,755
84	60	39 278	133,633	660,777	4,945	4,475
85	61	35 477	112,803	527,144	4,673	4,204
86	62	31 582	93,851	414,340	4,415	3,945
87	63	27 694	76,912	320,489	4,167	3,697
88	64	23 873	61,964	243,577	3,931	3,461
89	65	20 171	48,930	181,613	3,712	3,242
90	66	16 707	37,875	132,683	3,503	3,034
91	67	13 553	28,716	94,808	3,302	2,832
92	68	10 752	21,291	66,092	3,104	2,635
93	69	8 242	15,252	44,801	2,937	2,468
94	70	6 164	10,660	29,549	2,772	2,302
95	71	4 443	7,181	18,889	2,630	2,161
96	72	3 110	4,699	11,708	2,492	2,022
97	73	2 077	2,932	7,009	2,391	1,921
98	74	1 355	1,788	4,077	2,281	1,811
99	75	851	1,049	2,290	2,183	1,713
100	76	514	0,592	1,241	2,094	1,625

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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25	0	99 128	18 264,301	266 532,211	14,593	14,124
26	1	98 787	17 010,688	248 267,910	14,595	14,125
27	2	98 717	15 886,605	231 257,222	14,557	14,087
28	3	98 659	14 838,594	215 370,617	14,514	14,045
29	4	98 601	13 859,691	200 532,023	14,469	13,999
30	5	98 541	12 944,987	186 672,332	14,420	13,951
31	6	98 476	12 090,249	173 727,346	14,369	13,900
32	7	98 407	11 291,341	161 637,096	14,315	13,846
33	8	98 340	10 545,475	150 345,756	14,257	13,787
34	9	98 261	9 847,686	139 800,281	14,196	13,727
35	10	98 180	9 195,800	129 952,595	14,132	13,662
36	11	98 095	8 586,809	120 756,795	14,063	13,594
37	12	98 003	8 017,538	112 169,986	13,991	13,521
38	13	97 900	7 485,096	104 152,448	13,915	13,445
39	14	97 786	6 987,290	96 667,352	13,835	13,365
40	15	97 668	6 522,301	89 680,063	13,750	13,280
41	16	97 535	6 087,323	83 157,761	13,661	13,191
42	17	97 391	5 680,662	77 070,438	13,567	13,098
43	18	97 237	5 300,659	71 389,776	13,468	12,999
44	19	97 068	4 945,285	66 089,116	13,364	12,895
45	20	96 877	4 612,646	61 143,831	13,256	12,786
46	21	96 669	4 301,644	56 531,186	13,142	12,672
47	22	96 443	4 010,806	52 229,541	13,022	12,553
48	23	96 199	3 738,932	48 218,735	12,896	12,427
49	24	95 926	3 484,423	44 479,802	12,765	12,296
50	25	95 624	3 246,210	40 995,380	12,629	12,159
51	26	95 288	3 023,181	37 749,170	12,487	12,017
52	27	94 917	2 814,413	34 725,989	12,339	11,869
53	28	94 504	2 618,838	31 911,576	12,185	11,716
54	29	94 038	2 435,441	29 292,738	12,028	11,558
55	30	93 513	2 263,427	26 857,297	11,866	11,396
56	31	92 931	2 102,178	24 593,870	11,699	11,230
57	32	92 290	1 951,098	22 491,692	11,528	11,058
58	33	91 582	1 809,465	20 540,594	11,352	10,882
59	34	90 802	1 676,692	18 731,129	11,171	10,702
60	35	89 954	1 552,366	17 054,437	10,986	10,517
61	36	89 033	1 435,954	15 502,071	10,796	10,326
62	37	88 029	1 326,882	14 066,116	10,601	10,131
63	38	86 937	1 224,687	12 739,234	10,402	9,933
64	39	85 757	1 129,032	11 514,547	10,199	9,729
65	40	84 484	1 039,506	10 385,515	9,991	9,521
66	41	83 124	955,863	9 346,009	9,778	9,308
67	42	81 683	877,845	8 390,146	9,558	9,088
68	43	80 149	805,012	7 512,301	9,332	8,862
69	44	78 541	737,248	6 707,289	9,098	8,628
70	45	76 809	673,824	5 970,041	8,860	8,390
71	46	75 009	614,988	5 296,217	8,612	8,142
72	47	73 072	559,911	4 681,230	8,361	7,891
73	48	71 061	508,881	4 121,319	8,099	7,629
74	49	68 908	461,182	3 612,438	7,833	7,363
75	50	66 650	416,883	3 151,256	7,559	7,090
76	51	64 289	375,813	2 734,372	7,276	6,806
77	52	61 767	337,447	2 358,559	6,989	6,520
78	53	59 115	301,831	2 021,112	6,696	6,227
79	54	56 282	268,567	1 719,281	6,402	5,932
80	55	53 287	237,642	1 450,714	6,105	5,635
81	56	50 118	208,884	1 213,073	5,807	5,338
82	57	46 716	181,967	1 004,189	5,519	5,049
83	58	43 152	157,088	822,221	5,234	4,765
84	59	39 464	134,265	665,133	4,954	4,484
85	60	35 665	113,402	530,868	4,681	4,212
86	61	31 763	94,388	417,467	4,423	3,953
87	62	27 865	77,387	323,079	4,175	3,705
88	63	24 035	62,385	245,692	3,938	3,469
89	64	20 323	49,299	183,307	3,718	3,249
90	65	16 841	38,179	134,008	3,510	3,041
91	66	13 673	28,970	95,829	3,308	2,838
92	67	10 855	21,495	66,859	3,111	2,641
93	68	8 329	15,413	45,365	2,943	2,474
94	69	6 236	10,785	29,951	2,777	2,308
95	70	4 499	7,273	19,167	2,635	2,166
96	71	3 154	4,764	11,894	2,497	2,027
97	72	2 108	2,976	7,130	2,396	1,927
98	73	1 378	1,818	4,154	2,286	1,816
99	74	866	1,068	2,337	2,188	1,718
100	75	524	0,604	1,269	2,100	1,631

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 453 338,825	14,533	14,063
1	1	99 344	92 628,727	1 353 338,825	14,610	14,140
2	2	99 292	86 321,830	1 260 710,098	14,605	14,135
3	3	99 264	80 463,994	1 174 388,267	14,595	14,125
4	4	99 243	75 008,793	1 093 924,274	14,584	14,114
5	5	99 223	69 924,126	1 018 915,481	14,572	14,102
6	6	99 204	65 184,964	948 991,354	14,558	14,089
7	7	99 187	60 767,620	883 806,390	14,544	14,074
8	8	99 174	56 652,273	823 038,770	14,528	14,058
9	9	99 158	52 814,434	766 386,497	14,511	14,041
10	10	99 144	49 237,276	713 572,063	14,493	14,023
11	11	99 130	45 902,559	664 334,787	14,473	14,003
12	12	99 115	42 792,967	618 432,228	14,452	13,982
13	13	99 101	39 894,323	575 639,261	14,429	13,959
14	14	99 082	37 190,433	535 744,939	14,405	13,936
15	15	99 059	34 668,493	498 554,506	14,381	13,911
16	16	99 031	32 315,835	463 886,013	14,355	13,885
17	17	98 992	30 119,422	431 570,178	14,329	13,859
18	18	98 951	28 071,839	401 450,756	14,301	13,831
19	19	98 894	26 159,025	373 378,917	14,273	13,804
20	20	98 837	24 376,738	347 219,892	14,244	13,774
21	21	98 777	22 714,878	322 843,155	14,213	13,743
22	22	98 720	21 167,299	300 128,277	14,179	13,709
23	23	98 659	19 724,244	278 960,978	14,143	13,673
24	24	98 601	18 380,063	259 236,734	14,104	13,634
25	25	98 537	17 126,368	240 856,671	14,063	13,594
26	26	98 475	15 958,612	223 730,303	14,019	13,550
27	27	98 411	14 870,198	207 771,690	13,972	13,502
28	28	98 344	13 855,601	192 901,492	13,922	13,452
29	29	98 274	12 909,669	179 045,891	13,869	13,399
30	30	98 197	12 027,595	166 136,223	13,813	13,343
31	31	98 111	11 204,690	154 108,628	13,754	13,284
32	32	98 019	10 437,551	142 903,937	13,691	13,221
33	33	97 924	9 722,480	132 466,386	13,625	13,155
34	34	97 817	9 055,352	122 743,906	13,555	13,085
35	35	97 702	8 433,296	113 688,553	13,481	13,011
36	36	97 583	7 853,667	105 255,257	13,402	12,932
37	37	97 455	7 313,118	97 401,590	13,319	12,849
38	38	97 313	6 808,844	90 088,472	13,231	12,761
39	39	97 150	6 337,968	83 279,628	13,140	12,670
40	40	96 984	5 899,396	76 941,660	13,042	12,572
41	41	96 797	5 490,027	71 042,264	12,940	12,470
42	42	96 597	5 108,294	65 552,237	12,833	12,363
43	43	96 381	4 752,341	60 443,943	12,719	12,249
44	44	96 145	4 420,247	55 691,602	12,599	12,129
45	45	95 879	4 110,039	51 271,355	12,475	12,005
46	46	95 581	3 820,291	47 161,316	12,345	11,875
47	47	95 257	3 549,953	43 341,025	12,209	11,739
48	48	94 901	3 297,617	39 791,072	12,067	11,597
49	49	94 498	3 061,648	36 493,455	11,920	11,450
50	50	94 053	2 841,226	33 431,807	11,767	11,297
51	51	93 566	2 635,462	30 590,581	11,607	11,137
52	52	93 020	2 442,965	27 955,118	11,443	10,973
53	53	92 419	2 263,099	25 512,153	11,273	10,803
54	54	91 749	2 094,811	23 249,054	11,098	10,629
55	55	90 997	1 937,208	21 154,243	10,920	10,450
56	56	90 166	1 789,747	19 217,036	10,737	10,267
57	57	89 251	1 651,839	17 427,289	10,550	10,080
58	58	88 249	1 522,884	15 775,449	10,359	9,889
59	59	87 149	1 402,231	14 252,565	10,164	9,694
60	60	85 963	1 289,659	12 850,334	9,964	9,494
61	61	84 669	1 184,375	11 560,675	9,761	9,291
62	62	83 277	1 086,151	10 376,300	9,553	9,083
63	63	81 777	994,497	9 290,149	9,342	8,872
64	64	80 171	909,059	8 295,652	9,126	8,656
65	65	78 438	829,283	7 386,593	8,907	8,437
66	66	76 613	755,232	6 557,310	8,683	8,213
67	67	74 681	686,418	5 802,078	8,453	7,983
68	68	72 641	622,540	5 115,659	8,217	7,748
69	69	70 502	563,365	4 493,120	7,976	7,506
70	70	68 217	508,257	3 929,755	7,732	7,262
71	71	65 856	457,493	3 421,498	7,479	7,009
72	72	63 353	410,356	2 964,005	7,223	6,753
73	73	60 780	367,078	2 553,649	6,957	6,487
74	74	58 064	326,968	2 186,570	6,687	6,218
75	75	55 255	290,118	1 859,602	6,410	5,940
76	76	52 370	256,384	1 569,484	6,122	5,652
77	77	49 336	225,203	1 313,100	5,831	5,361
78	78	46 202	196,641	1 087,897	5,532	5,063
79	79	42 891	170,207	891,257	5,236	4,766
80	80	39 447	145,958	721,049	4,940	4,470
81	81	35 864	123,731	575,091	4,648	4,178
82	82	32 118	103,317	451,360	4,369	3,899
83	83	28 314	84,922	348,044	4,098	3,628
84	84	24 532	68,606	263,122	3,835	3,365
85	85	20 824	54,299	194,515	3,582	3,112
86	86	17 225	41,878	140,216	3,348	2,878
87	87	13 872	31,448	98,338	3,127	2,657
88	88	10 836	22,905	66,891	2,920	2,450
89	89	8 172	16,104	43,986	2,731	2,261
90	90	5 939	10,913	27,881	2,555	2,085
91	91	4 144	7,100	16,969	2,390	1,920
92	92	2 762	4,413	9,869	2,236	1,766
93	93	1 739	2,590	5,456	2,107	1,637
94	94	1 041	1,445	2,867	1,984	1,514
95	95	585	0,757	1,421	1,877	1,407
96	96	310	0,374	0,664	1,774	1,304
97	97	150	0,169	0,290	1,714	1,244
98	98	70	0,073	0,121	1,647	1,177
99	99	31	0,030	0,047	1,580	1,110
100	100	13	0,011	0,017	1,521	1,051

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 699	99 699,466	1 452 579,499	14,570	14,100	50	51	93 878	2 835,961	33 201,141	11,707	11,237
1	2	99 320	92 605,761	1 352 880,033	14,609	14,139	51	52	93 366	2 629,815	30 365,180	11,547	11,077
2	3	99 280	86 311,107	1 260 274,272	14,602	14,132	52	53	92 803	2 437,266	27 735,364	11,380	10,910
3	4	99 254	80 455,695	1 173 963,165	14,591	14,122	53	54	92 182	2 257,288	25 298,099	11,207	10,737
4	5	99 234	75 001,616	1 093 507,470	14,580	14,110	54	55	91 483	2 088,760	23 040,811	11,031	10,561
5	6	99 214	69 917,898	1 018 505,854	14,567	14,097	55	56	90 702	1 930,921	20 952,051	10,851	10,381
6	7	99 196	65 179,198	948 587,956	14,554	14,084	56	57	89 843	1 783,345	19 021,131	10,666	10,196
7	8	99 182	60 764,797	883 408,759	14,538	14,068	57	58	88 901	1 645,357	17 237,785	10,477	10,007
8	9	99 167	56 648,325	822 643,962	14,522	14,052	58	59	87 865	1 516,260	15 592,428	10,283	9,814
9	10	99 152	52 811,204	765 995,636	14,504	14,035	59	60	86 738	1 395,632	14 076,168	10,086	9,616
10	11	99 138	49 234,395	713 184,433	14,485	14,016	60	61	85 510	1 282,854	12 680,536	9,885	9,415
11	12	99 123	45 899,009	663 950,037	14,465	13,996	61	62	84 188	1 177,641	11 397,681	9,678	9,209
12	13	99 107	42 789,607	618 051,028	14,444	13,974	62	63	82 766	1 079,488	10 220,040	9,467	8,998
13	14	99 091	39 890,564	575 261,421	14,421	13,951	63	64	81 226	987,785	9 140,552	9,254	8,784
14	15	99 073	37 187,004	535 370,857	14,397	13,927	64	65	79 572	902,266	8 152,767	9,036	8,566
15	16	99 047	34 664,275	498 183,854	14,372	13,902	65	66	77 813	822,673	7 250,501	8,813	8,343
16	17	99 017	32 311,077	463 519,579	14,346	13,876	66	67	75 942	748,615	6 427,828	8,586	8,116
17	18	98 979	30 115,321	431 208,502	14,319	13,849	67	68	73 972	679,909	5 679,213	8,353	7,883
18	19	98 932	28 066,308	401 093,181	14,291	13,821	68	69	71 881	616,024	4 999,303	8,115	7,646
19	20	98 877	26 154,452	373 026,873	14,262	13,793	69	70	69 688	556,855	4 383,279	7,871	7,402
20	21	98 819	24 372,231	346 872,421	14,232	13,762	70	71	67 358	501,854	3 826,424	7,625	7,155
21	22	98 760	22 711,132	322 500,190	14,200	13,730	71	72	64 953	451,225	3 324,570	7,368	6,898
22	23	98 704	21 163,853	299 789,057	14,165	13,695	72	73	62 414	404,277	2 873,345	7,107	6,637
23	24	98 642	19 720,694	278 625,205	14,129	13,659	73	74	59 782	361,052	2 469,068	6,839	6,369
24	25	98 583	18 376,756	258 904,510	14,089	13,619	74	75	57 028	321,134	2 108,016	6,564	6,094
25	26	98 518	17 123,110	240 527,754	14,047	13,577	75	76	54 192	284,539	1 786,882	6,280	5,810
26	27	98 456	15 955,609	223 404,644	14,002	13,532	76	77	51 241	250,855	1 502,343	5,989	5,519
27	28	98 390	14 866,998	207 449,035	13,954	13,484	77	78	48 162	219,844	1 251,488	5,693	5,223
28	29	98 321	13 852,336	192 582,037	13,902	13,433	78	79	44 934	191,243	1 031,645	5,394	4,925
29	30	98 248	12 906,328	178 729,701	13,848	13,378	79	80	41 544	164,860	840,401	5,098	4,628
30	31	98 166	12 023,781	165 823,373	13,791	13,321	80	81	38 009	140,636	675,541	4,803	4,334
31	32	98 080	11 201,172	153 799,592	13,731	13,261	81	82	34 334	118,451	534,905	4,516	4,046
32	33	97 986	10 433,975	142 598,420	13,667	13,197	82	83	30 532	98,215	416,454	4,240	3,770
33	34	97 888	9 718,977	132 164,445	13,599	13,129	83	84	26 708	80,106	318,239	3,973	3,503
34	35	97 777	9 051,676	122 445,468	13,527	13,057	84	85	22 934	64,136	238,133	3,713	3,243
35	36	97 662	8 429,821	113 393,792	13,452	12,982	85	86	19 239	50,166	173,997	3,468	2,999
36	37	97 539	7 850,066	104 963,972	13,371	12,901	86	87	15 723	38,227	123,831	3,239	2,769
37	38	97 408	7 309,647	97 113,905	13,286	12,816	87	88	12 486	28,304	85,604	3,024	2,555
38	39	97 254	6 804,736	89 804,258	13,197	12,727	88	89	9 599	20,289	57,300	2,824	2,354
39	40	97 092	6 334,158	82 999,522	13,103	12,634	89	90	7 113	14,019	37,011	2,640	2,170
40	41	96 917	5 895,351	76 665,364	13,004	12,534	90	91	5 063	9,303	22,992	2,471	2,001
41	42	96 726	5 485,963	70 770,013	12,900	12,430	91	92	3 449	5,909	13,689	2,316	1,847
42	43	96 520	5 104,240	65 284,050	12,790	12,320	92	93	2 244	3,586	7,780	2,170	1,700
43	44	96 293	4 748,025	60 179,811	12,675	12,205	93	94	1 375	2,049	4,194	2,047	1,577
44	45	96 052	4 415,957	55 431,785	12,553	12,083	94	95	801	1,112	2,145	1,929	1,459
45	46	95 769	4 105,303	51 015,829	12,427	11,957	95	96	437	0,566	1,033	1,826	1,356
46	47	95 465	3 815,640	46 910,526	12,294	11,824	96	97	222	0,268	0,467	1,746	1,276
47	48	95 126	3 545,089	43 094,886	12,156	11,686	97	98	105	0,118	0,200	1,685	1,215
48	49	94 750	3 292,360	39 549,797	12,013	11,543	98	99	48	0,050	0,081	1,612	1,143
49	50	94 333	3 056,296	36 257,437	11,863	11,393	99	100	20	0,020	0,031	1,550	1,080

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 675	99 674,746	1 452 078,574	14,568	14,098	50	52	93 677	2 829,884	32 950,782	11,644	11,174
1	3	99 307	92 594,257	1 352 403,827	14,606	14,136	51	53	93 148	2 623,680	30 120,898	11,480	11,011
2	4	99 270	86 302,206	1 259 809,571	14,598	14,128	52	54	92 565	2 431,008	27 497,218	11,311	10,841
3	5	99 245	80 447,997	1 173 507,365	14,587	14,117	53	55	91 915	2 250,767	25 066,210	11,137	10,667
4	6	99 225	74 994,935	1 093 059,368	14,575	14,105	54	56	91 187	2 081,981	22 815,443	10,959	10,489
5	7	99 206	69 911,713	1 018 064,433	14,562	14,092	55	57	90 377	1 924,014	20 733,462	10,776	10,306
6	8	99 191	65 176,170	948 152,720	14,548	14,078	56	58	89 490	1 776,347	18 809,449	10,589	10,119
7	9	99 175	60 760,563	882 976,551	14,532	14,062	57	59	88 514	1 638,201	17 033,101	10,397	9,928
8	10	99 161	56 644,860	822 215,988	14,515	14,045	58	60	87 452	1 509,124	15 394,900	10,201	9,731
9	11	99 146	52 808,114	765 571,128	14,497	14,027	59	61	86 281	1 388,269	13 885,776	10,002	9,532
10	12	99 131	49 230,588	712 763,014	14,478	14,008	60	62	85 024	1 275,560	12 497,508	9,798	9,328
11	13	99 115	45 895,405	663 532,425	14,457	13,988	61	63	83 671	1 170,417	11 221,947	9,588	9,118
12	14	99 098	42 785,575	617 637,020	14,436	13,966	62	64	82 207	1 072,203	10 051,531	9,375	8,905
13	15	99 082	39 886,886	574 851,445	14,412	13,942	63	65	80 619	980,404	8 979,328	9,159	8,689
14	16	99 061	37 182,479	534 964,559	14,388	13,918	64	66	78 938	895,074	7 998,924	8,937	8,467
15	17	99 032	34 659,171	497 782,080	14,362	13,892	65	67	77 131	815,465	7 103,850	8,711	8,242
16	18	99 003	32 306,677	463 122,909	14,335	13,865	66	68	75 222	741,517	6 288,385	8,480	8,011
17	19	98 959	30 109,388	430 816,232	14,308	13,838	67	69	73 198	672,794	5 546,868	8,245	7,775
18	20	98 915	28 061,402	400 706,844	14,280	13,810	68	70	71 050	608,906	4 874,074	8,005	7,535
19	21	98 859	26 149,617	372 645,442	14,251	13,781	69	71	68 810	549,840	4 265,168	7,757	7,287
20	22	98 803	24 368,212	346 495,825	14,219	13,749	70	72	66 435	494,978	3 715,328	7,506	7,036
21	23	98 744	22 707,435	322 127,613	14,186	13,716	71	73	63 991	444,540	3 220,351	7,244	6,774
22	24	98 686	21 160,044	299 420,178	14,150	13,680	72	74	61 390	397,640	2 775,810	6,981	6,511
23	25	98 624	19 717,146	278 260,134	14,113	13,643	73	75	58 716	354,610	2 378,170	6,706	6,237
24	26	98 565	18 373,260	258 542,988	14,072	13,602	74	76	55 931	314,958	2 023,560	6,425	5,955
25	27	98 499	17 119,888	240 169,728	14,029	13,559	75	77	53 024	278,402	1 708,602	6,137	5,667
26	28	98 435	15 952,175	223 049,840	13,982	13,513	76	78	50 022	244,885	1 430,200	5,840	5,370
27	29	98 367	14 863,495	207 097,665	13,933	13,463	77	79	46 840	213,809	1 185,314	5,544	5,074
28	30	98 296	13 848,752	192 234,170	13,881	13,411	78	80	43 522	185,235	971,505	5,245	4,775
29	31	98 217	12 902,235	178 385,419	13,826	13,356	79	81	40 029	158,849	786,269	4,950	4,480
30	32	98 135	12 020,005	165 483,183	13,767	13,297	80	82	36 387	134,635	627,420	4,660	4,190
31	33	98 046	11 197,334	153 463,178	13,705	13,235	81	83	32 638	112,602	492,785	4,376	3,906
32	34	97 951	10 430,215	142 265,844	13,640	13,170	82	84	28 801	92,645	380,183	4,104	3,634
33	35	97 849	9 715,031	131 835,629	13,570	13,100	83	85	24 968	74,886	287,538	3,840	3,370
34	36	97 737	9 047,946	122 120,598	13,497	13,027	84	86	21 188	59,253	212,652	3,589	3,119
35	37	97 617	8 425,956	113 072,652	13,420	12,950	85	87	17 561	45,792	153,399	3,350	2,880
36	38	97 492	7 846,340	104 646,696	13,337	12,867	86	88	14 152	34,406	107,606	3,128	2,658
37	39	97 350	7 305,237	96 800,356	13,251	12,781	87	89	11 060	25,072	73,200	2,920	2,450
38	40	97 196	6 800,646	89 495,119	13,160	12,690	88	90	8 356	17,661	48,128	2,725	2,255
39	41	97 025	6 329,815	82 694,473	13,064	12,594	89	91	6 064	11,951	30,467	2,549	2,079
40	42	96 846	5 890,987	76 364,658	12,963	12,493	90	92	4 214	7,744	18,516	2,391	1,921
41	43	96 649	5 481,608	70 473,672	12,856	12,386	91	93	2 802	4,801	10,772	2,243	1,774
42	44	96 432	5 099,605	64 992,064	12,745	12,275	92	94	1 775	2,836	5,970	2,105	1,635
43	45	96 200	4 743,417	59 892,459	12,626	12,157	93	95	1 059	1,577	3,134	1,987	1,517
44	46	95 941	4 410,868	55 149,042	12,503	12,033	94	96	599	0,831	1,557	1,873	1,403
45	47	95 652	4 100,305	50 738,173	12,374	11,904	95	97	312	0,404	0,726	1,796	1,326
46	48	95 334	3 810,411	46 637,869	12,240	11,770	96	98	155	0,188	0,322	1,715	1,245
47	49	94 975	3 539,438	42 827,457	12,100	11,630	97	99	72	0,081	0,134	1,648	1,178
48	50	94 584	3 286,605	39 288,020	11,954	11,484	98	100	32	0,033	0,053	1,581	1,111
49	51	94 158	3 050,632	36 001,415	11,801	11,331							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 662	99 662,364	1 451 558,587	14,565	14,095
1	4	99 297	92 584,708	1 351 896,222	14,602	14,132
2	5	99 260	86 293,948	1 259 311,515	14,593	14,123
3	6	99 236	80 440,831	1 173 017,567	14,582	14,112
4	7	99 216	74 988,301	1 092 576,736	14,570	14,100
5	8	99 201	69 908,465	1 017 588,435	14,556	14,086
6	9	99 184	65 171,628	947 679,971	14,541	14,071
7	10	99 169	60 756,846	882 508,343	14,525	14,055
8	11	99 155	56 641,547	821 751,497	14,508	14,038
9	12	99 139	52 804,031	765 109,950	14,490	14,020
10	13	99 123	49 226,723	712 305,919	14,470	14,000
11	14	99 106	45 891,081	663 079,197	14,449	13,979
12	15	99 089	42 781,630	617 188,116	14,426	13,957
13	16	99 070	39 882,033	574 406,486	14,403	13,933
14	17	99 046	37 177,004	534 524,453	14,378	13,908
15	18	99 019	34 654,451	497 347,449	14,352	13,882
16	19	98 984	32 300,312	462 692,997	14,325	13,855
17	20	98 942	30 104,125	430 392,685	14,297	13,827
18	21	98 896	28 056,214	400 288,560	14,267	13,797
19	22	98 842	26 145,305	372 232,345	14,237	13,767
20	23	98 787	24 364,245	346 087,041	14,205	13,735
21	24	98 726	22 703,348	321 722,796	14,171	13,701
22	25	98 669	21 156,237	299 019,448	14,134	13,664
23	26	98 605	19 713,395	277 863,211	14,095	13,625
24	27	98 546	18 369,802	258 149,816	14,053	13,583
25	28	98 478	17 116,204	239 780,013	14,009	13,539
26	29	98 412	15 948,416	222 663,810	13,961	13,492
27	30	98 341	14 859,649	206 715,393	13,911	13,441
28	31	98 265	13 844,360	191 855,745	13,858	13,388
29	32	98 186	12 898,184	178 011,385	13,801	13,331
30	33	98 101	12 015,887	165 113,201	13,741	13,271
31	34	98 011	11 193,300	153 097,314	13,678	13,208
32	35	97 911	10 425,981	141 904,015	13,611	13,141
33	36	97 808	9 711,027	131 478,034	13,539	13,069
34	37	97 692	9 043,797	121 767,007	13,464	12,994
35	38	97 570	8 421,956	112 723,210	13,384	12,915
36	39	97 433	7 841,607	104 301,254	13,301	12,831
37	40	97 291	7 300,846	96 459,647	13,212	12,742
38	41	97 129	6 795,982	89 158,801	13,119	12,649
39	42	96 954	6 325,129	82 362,819	13,022	12,552
40	43	96 769	5 886,311	76 037,689	12,918	12,448
41	44	96 561	5 476,631	70 151,379	12,809	12,339
42	45	96 339	5 094,655	64 674,748	12,695	12,225
43	46	96 089	4 737,952	59 580,093	12,575	12,105
44	47	95 824	4 405,498	54 842,142	12,449	11,979
45	48	95 521	4 094,686	50 436,644	12,318	11,848
46	49	95 182	3 804,337	46 341,957	12,181	11,711
47	50	94 809	3 533,251	42 537,620	12,039	11,569
48	51	94 409	3 280,514	39 004,370	11,890	11,420
49	52	93 956	3 044,096	35 723,855	11,735	11,266
50	53	93 459	2 823,282	32 679,760	11,575	11,105
51	54	92 909	2 616,943	29 856,477	11,409	10,939
52	55	92 297	2 423,985	27 239,534	11,238	10,768
53	56	91 617	2 243,463	24 815,549	11,061	10,591
54	57	90 860	2 074,533	22 572,086	10,881	10,411
55	58	90 023	1 916,464	20 497,553	10,696	10,226
56	59	89 101	1 768,621	18 581,089	10,506	10,036
57	60	88 098	1 630,491	16 812,468	10,311	9,841
58	61	86 990	1 501,162	15 181,977	10,113	9,644
59	62	85 790	1 380,375	13 680,815	9,911	9,441
60	63	84 502	1 267,735	12 300,440	9,703	9,233
61	64	83 106	1 162,518	11 032,704	9,490	9,020
62	65	81 593	1 064,191	9 870,187	9,275	8,805
63	66	79 976	972,589	8 805,996	9,054	8,584
64	67	78 246	887,231	7 833,406	8,829	8,359
65	68	76 400	807,733	6 946,175	8,600	8,130
66	69	74 434	733,756	6 138,442	8,366	7,896
67	70	72 353	665,020	5 404,686	8,127	7,657
68	71	70 155	601,235	4 739,666	7,883	7,413
69	72	67 867	542,306	4 138,432	7,631	7,161
70	73	65 451	487,645	3 596,126	7,374	6,905
71	74	62 941	437,243	3 108,480	7,109	6,639
72	75	60 294	390,545	2 671,238	6,840	6,370
73	76	57 586	347,790	2 280,692	6,558	6,088
74	77	54 725	308,166	1 932,902	6,272	5,802
75	78	51 762	271,777	1 624,736	5,978	5,508
76	79	48 649	238,164	1 352,959	5,681	5,211
77	80	45 369	207,093	1 114,795	5,383	4,913
78	81	41 936	178,481	907,702	5,086	4,616
79	82	38 321	152,071	729,221	4,795	4,325
80	83	34 590	127,987	577,150	4,509	4,040
81	84	30 787	106,216	449,164	4,229	3,759
82	85	26 924	86,608	342,948	3,960	3,490
83	86	23 067	69,185	256,340	3,705	3,235
84	87	19 341	54,088	187,154	3,460	2,990
85	88	15 806	41,215	133,066	3,229	2,759
86	89	12 536	30,477	91,851	3,014	2,544
87	90	9 628	21,825	61,374	2,812	2,342
88	91	7 123	15,057	39,549	2,627	2,157
89	92	5 048	9,948	24,492	2,462	1,992
90	93	3 424	6,292	14,545	2,312	1,842
91	94	2 217	3,798	8,253	2,173	1,703
92	95	1 367	2,183	4,455	2,040	1,570
93	96	791	1,178	2,271	1,928	1,458
94	97	428	0,594	1,093	1,841	1,371
95	98	219	0,283	0,499	1,762	1,292
96	99	107	0,129	0,216	1,676	1,206
97	100	48	0,054	0,087	1,614	1,144

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 652	99 652,086	1 451 004,527	14,561	14,091
1	5	99 288	92 575,849	1 351 352,441	14,597	14,127
2	6	99 251	86 286,261	1 258 776,593	14,588	14,118
3	7	99 227	80 433,715	1 172 490,332	14,577	14,107
4	8	99 212	74 984,817	1 092 056,617	14,564	14,094
5	9	99 194	69 903,593	1 017 071,800	14,550	14,080
6	10	99 178	65 167,641	947 168,206	14,534	14,064
7	11	99 163	60 753,292	882 000,565	14,518	14,048
8	12	99 147	56 637,167	821 247,273	14,500	14,030
9	13	99 131	52 799,885	764 610,107	14,481	14,011
10	14	99 114	49 222,085	711 810,222	14,461	13,991
11	15	99 097	45 886,850	662 588,138	14,440	13,970
12	16	99 077	42 776,425	616 701,288	14,417	13,947
13	17	99 055	39 876,160	573 924,863	14,393	13,923
14	18	99 032	37 171,942	534 048,702	14,367	13,897
15	19	98 999	34 647,624	496 876,761	14,341	13,871
16	20	98 966	32 294,666	462 229,137	14,313	13,843
17	21	98 924	30 098,560	429 934,470	14,284	13,814
18	22	98 880	28 051,588	399 835,911	14,254	13,784
19	23	98 826	26 141,048	371 784,323	14,222	13,752
20	24	98 769	24 359,860	345 643,275	14,189	13,719
21	25	98 709	22 699,263	321 283,414	14,154	13,684
22	26	98 650	21 152,212	298 584,152	14,116	13,646
23	27	98 587	19 709,685	277 431,939	14,076	13,606
24	28	98 525	18 365,850	257 722,254	14,033	13,563
25	29	98 455	17 112,170	239 356,405	13,987	13,518
26	30	98 386	15 944,289	222 244,234	13,939	13,469
27	31	98 310	14 854,936	206 299,945	13,888	13,418
28	32	98 234	13 840,013	191 445,009	13,833	13,363
29	33	98 153	12 893,765	177 604,996	13,774	13,305
30	34	98 066	12 011,557	164 711,231	13,713	13,243
31	35	97 971	11 188,755	152 699,674	13,648	13,178
32	36	97 870	10 421,684	141 510,919	13,579	13,109
33	37	97 764	9 706,575	131 089,235	13,505	13,035
34	38	97 646	9 039,504	121 382,661	13,428	12,958
35	39	97 512	8 416,876	112 343,156	13,347	12,877
36	40	97 375	7 836,893	103 926,281	13,261	12,791
37	41	97 224	7 295,840	96 089,388	13,170	12,701
38	42	97 057	6 790,952	88 793,548	13,075	12,605
39	43	96 877	6 320,109	82 002,596	12,975	12,505
40	44	96 681	5 880,965	75 682,488	12,869	12,399
41	45	96 468	5 471,315	69 801,523	12,758	12,288
42	46	96 228	5 088,785	64 330,207	12,642	12,172
43	47	95 972	4 732,183	59 241,423	12,519	12,049
44	48	95 693	4 399,461	54 509,240	12,390	11,920
45	49	95 369	4 088,159	50 109,778	12,257	11,787
46	50	95 016	3 797,687	46 021,619	12,118	11,648
47	51	94 633	3 526,703	42 223,932	11,973	11,503
48	52	94 206	3 273,485	38 697,230	11,821	11,352
49	53	93 737	3 036,994	35 423,744	11,664	11,194
50	54	93 219	2 816,033	32 386,751	11,501	11,031
51	55	92 640	2 609,384	29 570,718	11,332	10,863
52	56	91 998	2 416,118	26 961,334	11,159	10,689
53	57	91 289	2 235,438	24 545,216	10,980	10,510
54	58	90 504	2 066,393	22 309,778	10,796	10,327
55	59	89 631	1 908,128	20 243,385	10,609	10,139
56	60	88 682	1 760,297	18 335,257	10,416	9,946
57	61	87 633	1 621,889	16 574,960	10,220	9,750
58	62	86 496	1 492,627	14 953,071	10,018	9,548
59	63	85 264	1 371,907	13 460,444	9,811	9,342
60	64	83 932	1 259,180	12 088,537	9,600	9,130
61	65	82 485	1 153,831	10 829,357	9,386	8,916
62	66	80 943	1 055,709	9 675,527	9,165	8,695
63	67	79 275	964,068	8 619,818	8,941	8,471
64	68	77 504	878,819	7 655,750	8,711	8,242
65	69	75 600	799,279	6 776,932	8,479	8,009
66	70	73 574	725,278	5 977,653	8,242	7,772
67	71	71 441	656,641	5 252,375	7,999	7,529
68	72	69 194	592,997	4 595,734	7,750	7,280
69	73	66 862	534,272	4 002,737	7,492	7,022
70	74	64 376	479,640	3 468,464	7,231	6,761
71	75	61 818	429,441	2 988,824	6,960	6,490
72	76	59 135	383,034	2 559,383	6,682	6,212
73	77	56 345	340,290	2 176,349	6,396	5,926
74	78	53 423	300,833	1 836,059	6,103	5,633
75	79	50 341	264,318	1 535,226	5,808	5,338
76	80	47 120	230,682	1 270,909	5,509	5,039
77	81	43 715	199,542	1 040,227	5,213	4,743
78	82	40 146	170,865	840,685	4,920	4,450
79	83	36 428	144,562	669,820	4,633	4,164
80	84	32 628	120,729	525,259	4,351	3,881
81	85	28 781	99,295	404,530	4,074	3,604
82	86	24 874	80,015	305,235	3,815	3,345
83	87	21 056	63,154	225,220	3,566	3,096
84	88	17 408	48,682	162,067	3,329	2,859
85	89	14 001	36,508	113,385	3,106	2,636
86	90	10 912	26,530	76,876	2,898	2,428
87	91	8 208	18,606	50,346	2,706	2,236
88	92	5 929	12,533	31,740	2,533	2,063
89	93	4 101	8,083	19,208	2,376	1,907
90	94	2 708	4,977	11,125	2,235	1,765
91	95	1 707	2,924	6,148	2,103	1,633
92	96	1 021	1,632	3,224	1,976	1,506
93	97	565	0,842	1,593	1,892	1,422
94	98	300	0,416	0,751	1,804	1,334
95	99	150	0,195	0,335	1,720	1,250
96	100	71	0,085	0,140	1,640	1,170

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 643	99 642,551	1 450 411,298	14,556	14,086
1	6	99 279	92 567,602	1 350 768,747	14,592	14,122
2	7	99 243	86 278,628	1 258 201,145	14,583	14,113
3	8	99 222	80 429,978	1 171 922,517	14,571	14,101
4	9	99 205	74 979,592	1 091 492,539	14,557	14,087
5	10	99 188	69 899,317	1 016 512,947	14,543	14,073
6	11	99 172	65 163,829	946 613,630	14,527	14,057
7	12	99 156	60 748,594	881 449,801	14,510	14,040
8	13	99 139	56 632,719	820 701,207	14,492	14,022
9	14	99 121	52 794,910	764 068,487	14,472	14,002
10	15	99 104	49 217,546	711 273,577	14,452	13,982
11	16	99 084	45 881,267	662 056,031	14,430	13,960
12	17	99 062	42 770,126	616 174,765	14,407	13,937
13	18	99 042	39 870,731	573 404,638	14,382	13,912
14	19	99 013	37 164,618	533 533,907	14,356	13,886
15	20	98 982	34 641,568	496 369,289	14,329	13,859
16	21	98 948	32 288,696	461 727,721	14,300	13,830
17	22	98 907	30 093,596	429 439,026	14,270	13,800
18	23	98 864	28 047,021	399 345,429	14,238	13,769
19	24	98 808	26 136,344	371 298,408	14,206	13,736
20	25	98 751	24 355,477	345 162,064	14,172	13,702
21	26	98 690	22 694,945	320 806,587	14,136	13,666
22	27	98 631	21 148,231	298 111,643	14,096	13,626
23	28	98 565	19 705,444	276 963,411	14,055	13,585
24	29	98 502	18 361,522	257 257,967	14,011	13,541
25	30	98 429	17 107,742	238 896,445	13,964	13,494
26	31	98 355	15 939,233	221 788,703	13,915	13,445
27	32	98 279	14 850,272	205 849,470	13,862	13,392
28	33	98 200	13 835,271	190 999,198	13,805	13,335
29	34	98 117	12 889,119	177 163,928	13,745	13,275
30	35	98 026	12 006,680	164 274,809	13,682	13,212
31	36	97 931	11 184,144	152 268,129	13,615	13,145
32	37	97 826	10 416,906	141 083,985	13,544	13,074
33	38	97 717	9 701,967	130 667,079	13,468	12,998
34	39	97 587	9 034,051	120 965,112	13,390	12,920
35	40	97 453	8 411,816	111 931,061	13,306	12,837
36	41	97 308	7 831,519	103 519,245	13,218	12,748
37	42	97 152	7 290,439	95 687,726	13,125	12,655
38	43	96 980	6 785,561	88 397,287	13,027	12,557
39	44	96 789	6 314,369	81 611,726	12,925	12,455
40	45	96 587	5 875,258	75 297,356	12,816	12,346
41	46	96 356	5 465,011	69 422,099	12,703	12,233
42	47	96 111	5 082,589	63 957,088	12,584	12,114
43	48	95 841	4 725,699	58 874,499	12,458	11,988
44	49	95 541	4 392,448	54 148,800	12,328	11,858
45	50	95 202	4 081,013	49 756,352	12,192	11,722
46	51	94 840	3 790,649	45 675,339	12,049	11,580
47	52	94 430	3 519,146	41 884,690	11,902	11,432
48	53	93 987	3 265,848	38 365,544	11,747	11,278
49	54	93 496	3 029,196	35 099,696	11,587	11,117
50	55	92 949	2 807,898	32 070,500	11,422	10,952
51	56	92 340	2 600,915	29 262,602	11,251	10,781
52	57	91 669	2 407,476	26 661,686	11,075	10,605
53	58	90 931	2 226,666	24 254,211	10,893	10,423
54	59	90 110	2 057,405	22 027,545	10,706	10,237
55	60	89 209	1 899,148	19 970,140	10,515	10,045
56	61	88 214	1 751,010	18 070,992	10,320	9,850
57	62	87 135	1 612,667	16 319,982	10,120	9,650
58	63	85 965	1 483,470	14 707,315	9,914	9,444
59	64	84 689	1 362,648	13 223,845	9,705	9,235
60	65	83 304	1 249,770	11 861,196	9,491	9,021
61	66	81 828	1 144,634	10 611,426	9,271	8,801
62	67	80 233	1 046,458	9 466,792	9,047	8,577
63	68	78 524	954,926	8 420,334	8,818	8,348
64	69	76 693	869,621	7 465,408	8,585	8,115
65	70	74 727	790,044	6 595,787	8,349	7,879
66	71	72 647	716,140	5 805,743	8,107	7,637
67	72	70 462	647,644	5 089,603	7,859	7,389
68	73	68 169	584,212	4 441,958	7,603	7,133
69	74	65 764	525,502	3 857,746	7,341	6,871
70	75	63 228	471,082	3 332,244	7,074	6,604
71	76	60 629	421,182	2 861,162	6,793	6,323
72	77	57 860	374,774	2 439,980	6,511	6,041
73	78	55 004	332,192	2 065,206	6,217	5,747
74	79	51 956	292,575	1 733,014	5,923	5,453
75	80	48 760	256,014	1 440,439	5,626	5,157
76	81	45 402	222,271	1 184,425	5,329	4,859
77	82	41 849	191,027	962,154	5,037	4,567
78	83	38 164	162,428	771,127	4,748	4,278
79	84	34 362	136,363	608,699	4,464	3,994
80	85	30 502	112,861	472,336	4,185	3,715
81	86	26 590	91,736	359,475	3,919	3,449
82	87	22 706	73,039	267,739	3,666	3,196
83	88	18 952	56,842	194,699	3,425	2,955
84	89	15 420	43,122	137,857	3,197	2,727
85	90	12 188	31,780	94,735	2,981	2,511
86	91	9 303	22,617	62,955	2,783	2,314
87	92	6 832	15,487	40,338	2,605	2,135
88	93	4 818	10,183	24,851	2,440	1,971
89	94	3 244	6,393	14,668	2,294	1,824
90	95	2 085	3,831	8,275	2,160	1,690
91	96	1 275	2,185	4,443	2,034	1,564
92	97	730	1,165	2,258	1,938	1,468
93	98	396	0,590	1,093	1,852	1,382
94	99	206	0,286	0,503	1,758	1,288
95	100	100	0,129	0,217	1,680	1,211

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 634	99 633,675	1 449 774,924	14,551	14,081
1	7	99 270	92 559,413	1 350 141,249	14,587	14,117
2	8	99 238	86 274,620	1 257 581,836	14,576	14,107
3	9	99 216	80 424,374	1 171 307,216	14,564	14,094
4	10	99 199	74 975,005	1 090 882,842	14,550	14,080
5	11	99 182	69 895,228	1 015 907,837	14,535	14,065
6	12	99 165	65 158,790	946 012,609	14,519	14,049
7	13	99 148	60 743,824	880 853,818	14,501	14,031
8	14	99 130	56 627,384	820 109,995	14,483	14,013
9	15	99 112	52 790,042	763 482,611	14,463	13,993
10	16	99 092	49 211,558	710 692,569	14,442	13,972
11	17	99 070	45 874,511	661 481,011	14,419	13,949
12	18	99 049	42 764,303	615 606,500	14,395	13,925
13	19	99 022	39 862,876	572 842,197	14,370	13,900
14	20	98 996	37 158,122	532 979,322	14,344	13,874
15	21	98 964	34 635,163	495 821,199	14,316	13,846
16	22	98 932	32 283,371	461 186,036	14,286	13,816
17	23	98 891	30 088,697	428 902,665	14,255	13,785
18	24	98 846	28 041,974	398 813,968	14,222	13,752
19	25	98 791	26 131,641	370 771,994	14,189	13,719
20	26	98 732	24 350,844	344 640,353	14,153	13,683
21	27	98 671	22 690,674	320 289,510	14,115	13,646
22	28	98 610	21 143,681	297 598,836	14,075	13,605
23	29	98 542	19 700,800	276 455,155	14,033	13,563
24	30	98 476	18 356,770	256 754,355	13,987	13,517
25	31	98 398	17 102,317	238 397,584	13,939	13,470
26	32	98 324	15 934,228	221 295,267	13,888	13,418
27	33	98 246	14 845,184	205 361,039	13,834	13,364
28	34	98 165	13 830,285	190 515,855	13,775	13,305
29	35	98 077	12 883,886	176 685,570	13,714	13,244
30	36	97 986	12 001,732	163 801,685	13,648	13,178
31	37	97 886	11 179,016	151 799,952	13,579	13,109
32	38	97 779	10 411,961	140 620,936	13,506	13,036
33	39	97 658	9 696,114	130 208,975	13,429	12,959
34	40	97 528	9 028,620	120 512,861	13,348	12,878
35	41	97 386	8 406,048	111 484,240	13,262	12,792
36	42	97 236	7 825,722	103 078,192	13,172	12,702
37	43	97 075	7 284,652	95 252,471	13,076	12,606
38	44	96 892	6 779,399	87 967,819	12,976	12,506
39	45	96 695	6 308,241	81 188,419	12,870	12,400
40	46	96 476	5 868,488	74 880,178	12,760	12,290
41	47	96 239	5 458,357	69 011,691	12,643	12,173
42	48	95 979	5 075,624	63 553,333	12,521	12,051
43	49	95 688	4 718,166	58 477,709	12,394	11,924
44	50	95 374	4 384,770	53 759,543	12,261	11,791
45	51	95 026	4 073,450	49 374,774	12,121	11,651
46	52	94 636	3 782,527	45 301,324	11,976	11,507
47	53	94 210	3 510,936	41 518,797	11,826	11,356
48	54	93 745	3 257,463	38 007,861	11,668	11,198
49	55	93 226	3 020,445	34 750,398	11,505	11,035
50	56	92 648	2 798,785	31 729,953	11,337	10,867
51	57	92 009	2 591,612	28 931,167	11,163	10,693
52	58	91 309	2 398,029	26 339,555	10,984	10,514
53	59	90 536	2 216,981	23 941,527	10,799	10,329
54	60	89 686	2 047,722	21 724,546	10,609	10,139
55	61	88 739	1 889,128	19 676,824	10,416	9,946
56	62	87 712	1 741,054	17 787,696	10,217	9,747
57	63	86 600	1 602,774	16 046,642	10,012	9,542
58	64	85 385	1 473,459	14 443,868	9,803	9,333
59	65	84 056	1 352,466	12 970,409	9,590	9,120
60	66	82 640	1 239,809	11 617,943	9,371	8,901
61	67	81 111	1 134,605	10 378,134	9,147	8,677
62	68	79 473	1 036,536	9 243,530	8,918	8,448
63	69	77 702	944,932	8 206,994	8,685	8,215
64	70	75 807	859,573	7 262,062	8,448	7,979
65	71	73 785	780,090	6 402,489	8,207	7,737
66	72	71 652	706,328	5 622,399	7,960	7,490
67	73	69 418	638,050	4 916,071	7,705	7,235
68	74	67 050	574,622	4 278,021	7,445	6,975
69	75	64 591	516,125	3 703,399	7,175	6,705
70	76	62 012	462,022	3 187,274	6,899	6,429
71	77	59 321	412,099	2 725,251	6,613	6,143
72	78	56 483	365,856	2 313,152	6,323	5,853
73	79	53 494	323,074	1 947,297	6,027	5,558
74	80	50 324	283,384	1 624,223	5,732	5,262
75	81	46 982	246,679	1 340,838	5,436	4,966
76	82	43 465	212,786	1 094,159	5,142	4,672
77	83	39 783	181,594	881,373	4,854	4,384
78	84	35 999	153,216	699,779	4,567	4,097
79	85	32 123	127,477	546,563	4,288	3,818
80	86	28 180	104,270	419,086	4,019	3,549
81	87	24 272	83,738	314,816	3,760	3,290
82	88	20 436	65,739	231,077	3,515	3,045
83	89	16 787	50,350	165,338	3,284	2,814
84	90	13 423	37,537	114,988	3,063	2,593
85	91	10 390	27,093	77,450	2,859	2,389
86	92	7 743	18,826	50,357	2,675	2,205
87	93	5 551	12,583	31,531	2,506	2,036
88	94	3 811	8,055	18,948	2,352	1,882
89	95	2 497	4,922	10,893	2,213	1,743
90	96	1 558	2,863	5,971	2,086	1,616
91	97	911	1,561	3,108	1,992	1,522
92	98	511	0,817	1,548	1,894	1,424
93	99	272	0,405	0,731	1,803	1,333
94	100	136	0,190	0,325	1,716	1,246

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 625	99 624,861	1 449 091,265	14,545	14,076
1	8	99 265	92 555,114	1 349 466,404	14,580	14,110
2	9	99 231	86 268,608	1 256 911,290	14,570	14,100
3	10	99 209	80 419,454	1 170 642,682	14,557	14,087
4	11	99 193	74 970,619	1 090 223,229	14,542	14,072
5	12	99 175	69 889,824	1 015 252,609	14,526	14,057
6	13	99 157	65 153,674	945 362,786	14,510	14,040
7	14	99 138	60 738,101	880 209,112	14,492	14,022
8	15	99 121	56 622,162	819 471,011	14,473	14,003
9	16	99 100	52 783,619	762 848,849	14,452	13,982
10	17	99 078	49 204,312	710 065,229	14,431	13,961
11	18	99 056	45 868,265	660 860,918	14,408	13,938
12	19	99 029	42 755,877	614 992,653	14,384	13,914
13	20	99 005	39 855,908	572 236,776	14,358	13,888
14	21	98 977	37 151,253	532 380,868	14,330	13,860
15	22	98 948	34 629,452	495 229,615	14,301	13,831
16	23	98 916	32 278,115	460 600,163	14,270	13,800
17	24	98 873	30 083,282	428 322,048	14,238	13,768
18	25	98 828	28 036,928	398 238,766	14,204	13,734
19	26	98 772	26 126,670	370 201,838	14,169	13,700
20	27	98 714	24 346,261	344 075,168	14,133	13,663
21	28	98 650	22 685,791	319 728,907	14,094	13,624
22	29	98 587	21 138,698	297 043,116	14,052	13,582
23	30	98 517	19 695,702	275 904,418	14,008	13,538
24	31	98 445	18 350,949	256 208,715	13,962	13,492
25	32	98 367	17 096,947	237 857,766	13,912	13,442
26	33	98 291	15 928,769	220 760,819	13,859	13,389
27	34	98 210	14 839,834	204 832,051	13,803	13,333
28	35	98 125	13 824,670	189 992,216	13,743	13,273
29	36	98 037	12 878,576	176 167,546	13,679	13,209
30	37	97 941	11 996,229	163 288,970	13,612	13,142
31	38	97 839	11 173,710	151 292,741	13,540	13,070
32	39	97 720	10 405,680	140 119,031	13,466	12,996
33	40	97 599	9 690,286	129 713,351	13,386	12,916
34	41	97 461	9 022,430	120 023,065	13,303	12,833
35	42	97 314	8 399,825	111 000,636	13,215	12,745
36	43	97 159	7 819,510	102 600,811	13,121	12,651
37	44	96 987	7 278,037	94 781,301	13,023	12,553
38	45	96 798	6 772,820	87 503,263	12,920	12,450
39	46	96 583	6 300,972	80 730,444	12,812	12,342
40	47	96 358	5 861,343	74 429,472	12,698	12,228
41	48	96 107	5 450,878	68 568,129	12,579	12,109
42	49	95 826	5 067,534	63 117,251	12,455	11,985
43	50	95 521	4 709,918	58 049,718	12,325	11,855
44	51	95 197	4 376,644	53 339,800	12,187	11,717
45	52	94 822	4 064,722	48 963,156	12,046	11,576
46	53	94 416	3 773,702	44 898,434	11,898	11,428
47	54	93 968	3 501,921	41 124,732	11,743	11,274
48	55	93 475	3 248,053	37 622,811	11,583	11,113
49	56	92 924	3 010,643	34 374,758	11,418	10,948
50	57	92 316	2 788,774	31 364,115	11,247	10,777
51	58	91 648	2 581,442	28 575,341	11,070	10,600
52	59	90 912	2 387,599	25 993,899	10,887	10,417
53	60	90 109	2 206,547	23 606,300	10,698	10,228
54	61	89 213	2 036,919	21 399,753	10,506	10,036
55	62	88 234	1 878,387	19 362,835	10,308	9,838
56	63	87 174	1 730,374	17 484,448	10,104	9,635
57	64	86 016	1 591,957	15 754,074	9,896	9,426
58	65	84 747	1 462,448	14 162,117	9,684	9,214
59	66	83 386	1 341,686	12 699,669	9,465	8,996
60	67	81 916	1 228,946	11 357,983	9,242	8,772
61	68	80 342	1 123,846	10 129,038	9,013	8,543
62	69	78 641	1 025,688	9 005,192	8,780	8,310
63	70	76 804	934,014	7 979,504	8,543	8,073
64	71	74 852	848,743	7 045,490	8,301	7,831
65	72	72 774	769,402	6 196,747	8,054	7,584
66	73	70 591	695,865	5 427,345	7,799	7,330
67	74	68 279	627,576	4 731,481	7,539	7,069
68	75	65 854	564,369	4 103,905	7,272	6,802
69	76	63 348	506,199	3 539,536	6,992	6,522
70	77	60 674	452,058	3 033,337	6,710	6,240
71	78	57 910	402,292	2 581,278	6,416	5,947
72	79	54 932	355,814	2 178,986	6,124	5,654
73	80	51 814	312,925	1 823,172	5,826	5,356
74	81	48 489	273,052	1 510,247	5,531	5,061
75	82	44 977	236,153	1 237,196	5,239	4,769
76	83	41 319	202,279	1 001,043	4,949	4,479
77	84	37 526	171,295	798,764	4,663	4,193
78	85	33 653	143,232	627,469	4,381	3,911
79	86	29 678	117,773	484,237	4,112	3,642
80	87	25 723	95,180	366,463	3,850	3,380
81	88	21 846	75,369	271,284	3,599	3,130
82	89	18 102	58,232	195,915	3,364	2,894
83	90	14 613	43,829	137,683	3,141	2,671
84	91	11 443	32,001	93,854	2,933	2,463
85	92	8 649	22,551	61,852	2,743	2,273
86	93	6 291	15,296	39,301	2,569	2,099
87	94	4 391	9,954	24,005	2,412	1,942
88	95	2 934	6,201	14,051	2,266	1,796
89	96	1 866	3,678	7,850	2,135	1,665
90	97	1 113	2,045	4,173	2,040	1,570
91	98	639	1,094	2,127	1,945	1,475
92	99	351	0,561	1,033	1,842	1,372
93	100	180	0,269	0,472	1,757	1,287

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 620	99 620,233	1 448 356,570	14,539	14,069
1	9	99 258	92 548,664	1 348 736,337	14,573	14,103
2	10	99 225	86 263,331	1 256 187,673	14,562	14,092
3	11	99 204	80 414,750	1 169 924,342	14,549	14,079
4	12	99 185	74 964,822	1 089 509,593	14,534	14,064
5	13	99 167	69 884,336	1 014 544,770	14,517	14,048
6	14	99 148	65 147,535	944 660,435	14,500	14,030
7	15	99 129	60 732,500	879 512,899	14,482	14,012
8	16	99 109	56 615,273	818 780,399	14,462	13,992
9	17	99 086	52 775,847	762 165,126	14,442	13,972
10	18	99 064	49 197,612	709 389,279	14,419	13,949
11	19	99 037	45 859,228	660 191,667	14,396	13,926
12	20	99 012	42 748,404	614 332,439	14,371	13,901
13	21	98 987	39 848,539	571 584,035	14,344	13,874
14	22	98 961	37 145,127	531 735,496	14,315	13,845
15	23	98 931	34 623,814	494 590,369	14,285	13,815
16	24	98 898	32 272,307	459 966,555	14,253	13,783
17	25	98 856	30 077,869	427 694,249	14,220	13,750
18	26	98 810	28 031,594	397 616,380	14,185	13,715
19	27	98 753	26 121,753	369 584,785	14,149	13,679
20	28	98 693	24 341,022	343 463,032	14,110	13,641
21	29	98 627	22 680,445	319 122,010	14,070	13,600
22	30	98 561	21 133,228	296 441,565	14,027	13,557
23	31	98 485	19 689,456	275 308,337	13,983	13,513
24	32	98 414	18 345,187	255 618,880	13,934	13,464
25	33	98 334	17 091,089	237 273,693	13,883	13,413
26	34	98 255	15 923,029	220 182,604	13,828	13,358
27	35	98 170	14 833,810	204 259,575	13,770	13,300
28	36	98 084	13 818,973	189 425,766	13,708	13,238
29	37	97 992	12 872,671	175 606,793	13,642	13,172
30	38	97 894	11 990,535	162 734,122	13,572	13,102
31	39	97 780	11 166,969	150 743,587	13,499	13,029
32	40	97 661	10 399,425	139 576,618	13,422	12,952
33	41	97 533	9 683,641	129 177,193	13,340	12,870
34	42	97 389	9 015,751	119 493,552	13,254	12,784
35	43	97 237	8 393,158	110 477,801	13,163	12,693
36	44	97 071	7 812,409	102 084,644	13,067	12,597
37	45	96 893	7 270,973	94 272,234	12,966	12,496
38	46	96 687	6 765,016	87 001,261	12,860	12,391
39	47	96 466	6 293,301	80 236,245	12,749	12,280
40	48	96 226	5 853,311	73 942,945	12,633	12,163
41	49	95 954	5 442,189	68 089,634	12,511	12,042
42	50	95 658	5 058,675	62 647,445	12,384	11,914
43	51	95 344	4 701,189	57 588,770	12,250	11,780
44	52	94 993	4 367,266	52 887,580	12,110	11,640
45	53	94 601	4 055,239	48 520,314	11,965	11,495
46	54	94 173	3 764,013	44 465,075	11,813	11,343
47	55	93 696	3 491,805	40 701,063	11,656	11,186
48	56	93 171	3 237,512	37 209,258	11,493	11,023
49	57	92 591	2 999,874	33 971,746	11,324	10,854
50	58	91 954	2 777,831	30 971,872	11,150	10,680
51	59	91 250	2 570,214	28 194,042	10,970	10,500
52	60	90 484	2 376,362	25 623,827	10,783	10,313
53	61	89 634	2 194,905	23 247,466	10,592	10,122
54	62	88 706	2 025,337	21 052,560	10,395	9,925
55	63	87 693	1 866,864	19 027,223	10,192	9,722
56	64	86 586	1 718,696	17 160,360	9,985	9,515
57	65	85 373	1 580,061	15 441,664	9,773	9,303
58	66	84 071	1 450,791	13 861,603	9,555	9,085
59	67	82 655	1 329,930	12 410,812	9,332	8,862
60	68	81 140	1 217,292	11 080,882	9,103	8,633
61	69	79 501	1 112,084	9 863,589	8,869	8,400
62	70	77 732	1 013,836	8 751,505	8,632	8,162
63	71	75 836	922,246	7 737,669	8,390	7,920
64	72	73 826	837,114	6 815,422	8,142	7,672
65	73	71 696	758,004	5 978,308	7,887	7,417
66	74	69 432	684,441	5 220,304	7,627	7,157
67	75	67 060	616,378	4 535,863	7,359	6,889
68	76	64 587	553,515	3 919,485	7,081	6,611
69	77	61 982	495,283	3 365,970	6,796	6,326
70	78	59 231	441,301	2 870,687	6,505	6,035
71	79	56 320	391,250	2 429,386	6,209	5,739
72	80	53 207	344,636	2 038,136	5,914	5,444
73	81	49 924	301,515	1 693,500	5,617	5,147
74	82	46 420	261,399	1 391,985	5,325	4,855
75	83	42 756	224,492	1 130,585	5,036	4,566
76	84	38 975	190,807	906,094	4,749	4,279
77	85	35 081	160,133	715,286	4,467	3,997
78	86	31 092	132,329	555,153	4,195	3,725
79	87	27 091	107,506	422,824	3,933	3,463
80	88	23 152	85,667	315,319	3,681	3,211
81	89	19 351	66,762	229,652	3,440	2,970
82	90	15 758	50,690	162,890	3,213	2,744
83	91	12 458	37,365	112,200	3,003	2,533
84	92	9 525	26,637	74,835	2,809	2,340
85	93	7 027	18,323	48,198	2,630	2,161
86	94	4 977	12,100	29,875	2,469	1,999
87	95	3 380	7,663	17,775	2,320	1,850
88	96	2 192	4,633	10,113	2,183	1,713
89	97	1 333	2,627	5,479	2,086	1,616
90	98	780	1,434	2,852	1,989	1,520
91	99	439	0,751	1,419	1,888	1,418
92	100	233	0,372	0,667	1,793	1,323

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 613	99 613,291	1 447 562,405	14,532	14,062
1	10	99 252	92 543,002	1 347 949,114	14,566	14,096
2	11	99 219	86 258,285	1 255 406,112	14,554	14,084
3	12	99 196	80 408,531	1 169 147,827	14,540	14,070
4	13	99 177	74 958,936	1 088 739,296	14,524	14,055
5	14	99 157	69 877,751	1 013 780,360	14,508	14,038
6	15	99 138	65 141,529	943 902,609	14,490	14,020
7	16	99 117	60 725,111	878 761,080	14,471	14,001
8	17	99 094	56 606,937	818 035,969	14,451	13,981
9	18	99 072	52 768,661	761 429,032	14,430	13,960
10	19	99 045	49 187,919	708 660,371	14,407	13,937
11	20	99 020	45 851,212	659 472,452	14,383	13,913
12	21	98 994	42 740,501	613 621,240	14,357	13,887
13	22	98 970	39 841,968	570 880,739	14,329	13,859
14	23	98 945	37 139,079	531 038,771	14,299	13,829
15	24	98 914	34 617,583	493 899,692	14,267	13,797
16	25	98 880	32 266,500	459 282,109	14,234	13,764
17	26	98 837	30 072,147	427 015,609	14,200	13,730
18	27	98 791	28 026,319	396 943,462	14,163	13,693
19	28	98 732	26 116,132	368 917,143	14,126	13,656
20	29	98 669	24 335,286	342 801,011	14,087	13,617
21	30	98 601	22 674,576	318 465,725	14,045	13,575
22	31	98 530	21 126,526	295 791,148	14,001	13,531
23	32	98 454	19 683,274	274 664,622	13,954	13,484
24	33	98 380	18 338,901	254 981,348	13,904	13,434
25	34	98 298	17 084,930	236 642,447	13,851	13,381
26	35	98 215	15 916,564	219 557,516	13,794	13,324
27	36	98 130	14 827,696	203 640,952	13,734	13,264
28	37	98 039	13 812,637	188 813,256	13,670	13,200
29	38	97 945	12 866,561	175 000,619	13,601	13,131
30	39	97 835	11 983,302	162 134,058	13,530	13,060
31	40	97 722	11 160,256	150 150,757	13,454	12,984
32	41	97 594	10 392,294	138 990,500	13,374	12,904
33	42	97 460	9 676,473	128 598,207	13,290	12,820
34	43	97 312	9 008,594	118 921,734	13,201	12,731
35	44	97 149	8 385,536	109 913,140	13,107	12,638
36	45	96 976	7 804,827	101 527,603	13,008	12,538
37	46	96 781	7 262,595	93 722,776	12,905	12,435
38	47	96 569	6 756,779	86 460,181	12,796	12,326
39	48	96 334	6 284,677	79 703,402	12,682	12,212
40	49	96 073	5 843,981	73 418,725	12,563	12,093
41	50	95 786	5 432,675	67 574,744	12,439	11,969
42	51	95 481	5 049,300	62 142,069	12,307	11,837
43	52	95 139	4 691,116	57 092,769	12,170	11,701
44	53	94 771	4 357,078	52 401,652	12,027	11,557
45	54	94 358	4 044,826	48 044,575	11,878	11,408
46	55	93 901	3 753,140	43 999,749	11,723	11,254
47	56	93 392	3 480,473	40 246,609	11,564	11,094
48	57	92 838	3 225,931	36 766,136	11,397	10,927
49	58	92 228	2 988,102	33 540,205	11,225	10,755
50	59	91 554	2 765,749	30 552,103	11,047	10,577
51	60	90 820	2 558,118	27 786,355	10,862	10,392
52	61	90 007	2 363,824	25 228,237	10,673	10,203
53	62	89 124	2 182,425	22 864,413	10,477	10,007
54	63	88 162	2 012,913	20 681,987	10,275	9,805
55	64	87 101	1 854,264	18 669,075	10,068	9,598
56	65	85 939	1 705,852	16 814,810	9,857	9,387
57	66	84 692	1 567,467	15 108,958	9,639	9,169
58	67	83 335	1 438,079	13 541,491	9,416	8,946
59	68	81 871	1 317,319	12 103,411	9,188	8,718
60	69	80 290	1 204,553	10 786,092	8,954	8,485
61	70	78 582	1 099,235	9 581,539	8,717	8,247
62	71	76 753	1 001,063	8 482,305	8,473	8,003
63	72	74 797	909,610	7 481,242	8,225	7,755
64	73	72 733	824,713	6 571,632	7,968	7,498
65	74	70 519	745,560	5 746,918	7,708	7,238
66	75	68 193	672,229	5 001,358	7,440	6,970
67	76	65 771	604,524	4 329,129	7,161	6,691
68	77	63 194	541,578	3 724,605	6,877	6,407
69	78	60 507	483,497	3 183,027	6,583	6,113
70	79	57 605	429,188	2 699,530	6,290	5,820
71	80	54 551	378,959	2 270,342	5,991	5,521
72	81	51 267	332,070	1 891,383	5,696	5,226
73	82	47 794	288,648	1 559,313	5,402	4,932
74	83	44 128	248,492	1 270,664	5,114	4,644
75	84	40 331	211,760	1 022,172	4,827	4,357
76	85	36 436	178,374	810,412	4,543	4,073
77	86	32 411	147,943	632,038	4,272	3,802
78	87	28 381	120,792	484,095	4,008	3,538
79	88	24 383	96,761	363,303	3,755	3,285
80	89	20 508	75,884	266,542	3,513	3,043
81	90	16 845	58,115	190,658	3,281	2,811
82	91	13 434	43,214	132,543	3,067	2,597
83	92	10 370	31,102	89,329	2,872	2,402
84	93	7 739	21,642	58,227	2,690	2,221
85	94	5 559	14,494	36,585	2,524	2,054
86	95	3 831	9,315	22,091	2,372	1,902
87	96	2 526	5,726	12,776	2,231	1,762
88	97	1 566	3,310	7,051	2,130	1,660
89	98	934	1,842	3,741	2,031	1,561
90	99	536	0,985	1,899	1,929	1,459
91	100	291	0,498	0,915	1,836	1,366

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 607	99 607,197	1 446 706,741	14,524	14,054
1	11	99 247	92 537,589	1 347 099,544	14,557	14,087
2	12	99 211	86 251,615	1 254 561,954	14,545	14,075
3	13	99 188	80 402,217	1 168 310,340	14,531	14,061
4	14	99 168	74 951,873	1 087 908,122	14,515	14,045
5	15	99 148	69 871,308	1 012 956,249	14,497	14,028
6	16	99 126	65 133,603	943 084,941	14,479	14,009
7	17	99 103	60 716,170	877 951,338	14,460	13,990
8	18	99 081	56 599,229	817 235,168	14,439	13,969
9	19	99 053	52 758,265	760 635,939	14,417	13,947
10	20	99 027	49 179,322	707 877,674	14,394	13,924
11	21	99 001	45 842,735	658 698,353	14,369	13,899
12	22	98 977	42 733,453	612 855,618	14,341	13,871
13	23	98 954	39 835,482	570 122,165	14,312	13,842
14	24	98 927	37 132,395	530 286,683	14,281	13,811
15	25	98 896	34 611,354	493 154,288	14,248	13,778
16	26	98 861	32 260,362	458 542,934	14,214	13,744
17	27	98 818	30 066,488	426 282,572	14,178	13,708
18	28	98 770	28 020,288	396 216,084	14,140	13,670
19	29	98 709	26 109,978	368 195,796	14,102	13,632
20	30	98 644	24 328,989	342 085,818	14,061	13,591
21	31	98 570	22 667,386	317 756,829	14,018	13,548
22	32	98 499	21 119,893	295 089,443	13,972	13,502
23	33	98 421	19 676,530	273 969,551	13,924	13,454
24	34	98 345	18 332,293	254 293,021	13,871	13,401
25	35	98 258	17 077,994	235 960,728	13,817	13,347
26	36	98 175	15 910,005	218 882,734	13,758	13,288
27	37	98 085	14 820,898	202 972,729	13,695	13,225
28	38	97 993	13 806,080	188 151,831	13,628	13,158
29	39	97 886	12 858,799	174 345,751	13,558	13,089
30	40	97 776	11 976,098	161 486,952	13,484	13,014
31	41	97 655	11 152,604	149 510,854	13,406	12,936
32	42	97 522	10 384,601	138 358,250	13,323	12,854
33	43	97 383	9 668,792	127 973,649	13,236	12,766
34	44	97 223	9 000,414	118 304,858	13,144	12,674
35	45	97 054	8 377,398	109 304,444	13,048	12,578
36	46	96 865	7 795,834	100 927,046	12,946	12,476
37	47	96 664	7 253,753	93 131,212	12,839	12,369
38	48	96 437	6 747,520	85 877,459	12,727	12,257
39	49	96 180	6 274,659	79 129,939	12,611	12,141
40	50	95 905	5 833,765	72 855,280	12,489	12,019
41	51	95 609	5 422,607	67 021,515	12,360	11,890
42	52	95 277	5 038,481	61 598,908	12,226	11,756
43	53	94 917	4 680,172	56 560,426	12,085	11,615
44	54	94 528	4 345,890	51 880,254	11,938	11,468
45	55	94 085	4 033,142	47 534,364	11,786	11,316
46	56	93 596	3 740,959	43 501,222	11,628	11,158
47	57	93 058	3 468,023	39 760,263	11,465	10,995
48	58	92 474	3 213,272	36 292,240	11,294	10,825
49	59	91 827	2 975,105	33 078,968	11,119	10,649
50	60	91 123	2 752,732	30 103,863	10,936	10,466
51	61	90 341	2 544,621	27 351,131	10,749	10,279
52	62	89 495	2 350,384	24 806,509	10,554	10,084
53	63	88 578	2 169,038	22 456,126	10,353	9,883
54	64	87 567	1 999,328	20 287,088	10,147	9,677
55	65	86 450	1 840,408	18 287,761	9,937	9,467
56	66	85 254	1 692,256	16 447,352	9,719	9,249
57	67	83 950	1 553,733	14 755,096	9,497	9,027
58	68	82 545	1 424,443	13 201,364	9,268	8,798
59	69	81 014	1 303,533	11 776,920	9,035	8,565
60	70	79 363	1 190,635	10 473,388	8,796	8,327
61	71	77 592	1 085,386	9 282,753	8,552	8,083
62	72	75 701	987,347	8 197,367	8,302	7,833
63	73	73 689	896,135	7 210,021	8,046	7,576
64	74	71 539	811,175	6 313,885	7,784	7,314
65	75	69 261	732,257	5 502,711	7,515	7,045
66	76	66 881	659,301	4 770,453	7,236	6,766
67	77	64 352	591,487	4 111,153	6,951	6,481
68	78	61 690	528,691	3 519,666	6,657	6,187
69	79	58 846	470,226	2 990,975	6,361	5,891
70	80	55 795	415,705	2 520,749	6,064	5,594
71	81	52 562	365,142	2 105,044	5,765	5,295
72	82	49 079	317,899	1 739,902	5,473	5,003
73	83	45 434	274,395	1 422,003	5,182	4,712
74	84	41 625	234,399	1 147,608	4,896	4,426
75	85	37 703	197,961	913,208	4,613	4,143
76	86	33 662	164,795	715,247	4,340	3,870
77	87	29 585	135,046	550,452	4,076	3,606
78	88	25 545	108,720	415,406	3,821	3,351
79	89	21 598	85,711	306,686	3,578	3,108
80	90	17 852	66,055	220,976	3,345	2,875
81	91	14 361	49,544	154,920	3,127	2,657
82	92	11 182	35,970	105,376	2,930	2,460
83	93	8 425	25,270	69,406	2,747	2,277
84	94	6 122	17,120	44,136	2,578	2,108
85	95	4 279	11,158	27,016	2,421	1,951
86	96	2 863	6,960	15,858	2,278	1,809
87	97	1 804	4,090	8,898	2,176	1,706
88	98	1 098	2,320	4,808	2,072	1,602
89	99	642	1,265	2,488	1,967	1,497
90	100	355	0,653	1,223	1,873	1,403

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 601	99 601,371	1 445 784,035	14,516	14,046
1	12	99 239	92 530,434	1 346 182,665	14,549	14,079
2	13	99 204	86 244,842	1 253 652,231	14,536	14,066
3	14	99 179	80 394,642	1 167 407,389	14,521	14,051
4	15	99 159	74 944,962	1 087 012,747	14,504	14,034
5	16	99 136	69 862,807	1 012 067,784	14,487	14,017
6	17	99 112	65 124,012	942 204,977	14,468	13,998
7	18	99 089	60 707,902	877 080,965	14,448	13,978
8	19	99 061	56 588,078	816 373,062	14,427	13,957
9	20	99 035	52 749,043	759 784,984	14,404	13,934
10	21	99 009	49 170,229	707 035,942	14,379	13,909
11	22	98 985	45 835,176	657 865,712	14,353	13,883
12	23	98 961	42 726,496	612 030,537	14,324	13,854
13	24	98 937	39 828,313	569 304,041	14,294	13,824
14	25	98 909	37 125,714	529 475,728	14,262	13,792
15	26	98 877	34 604,770	492 350,014	14,228	13,758
16	27	98 843	32 254,290	457 745,244	14,192	13,722
17	28	98 797	30 060,018	425 490,954	14,155	13,685
18	29	98 746	28 013,685	395 430,936	14,116	13,646
19	30	98 683	26 103,221	367 417,250	14,076	13,606
20	31	98 613	24 321,274	341 314,029	14,034	13,564
21	32	98 539	22 660,268	316 992,755	13,989	13,519
22	33	98 465	21 112,656	294 332,487	13,941	13,471
23	34	98 385	19 669,440	273 219,831	13,891	13,421
24	35	98 305	18 324,850	253 550,391	13,836	13,367
25	36	98 218	17 070,956	235 225,541	13,779	13,309
26	37	98 130	15 902,710	218 154,585	13,718	13,248
27	38	98 038	14 813,863	202 251,875	13,653	13,183
28	39	97 934	13 797,752	187 438,012	13,585	13,115
29	40	97 828	12 851,069	173 640,261	13,512	13,042
30	41	97 709	11 967,886	160 789,192	13,435	12,965
31	42	97 582	11 144,348	148 821,305	13,354	12,884
32	43	97 445	10 376,358	137 676,958	13,268	12,798
33	44	97 295	9 660,012	127 300,600	13,178	12,708
34	45	97 129	8 991,678	117 640,588	13,083	12,613
35	46	96 942	8 367,745	108 648,909	12,984	12,514
36	47	96 747	7 786,342	100 281,165	12,879	12,409
37	48	96 531	7 243,813	92 494,822	12,769	12,299
38	49	96 283	6 736,764	85 251,009	12,655	12,185
39	50	96 012	6 263,690	78 514,245	12,535	12,065
40	51	95 727	5 822,954	72 250,554	12,408	11,938
41	52	95 404	5 410,988	66 427,601	12,276	11,807
42	53	95 054	5 026,727	61 016,612	12,138	11,669
43	54	94 674	4 668,155	55 989,885	11,994	11,524
44	55	94 255	4 333,336	51 321,731	11,843	11,374
45	56	93 780	4 020,053	46 988,395	11,689	11,219
46	57	93 262	3 727,578	42 968,342	11,527	11,057
47	58	92 693	3 454,414	39 240,764	11,360	10,890
48	59	92 071	3 199,296	35 786,350	11,186	10,716
49	60	91 395	2 961,103	32 587,054	11,005	10,535
50	61	90 642	2 738,209	29 625,950	10,819	10,350
51	62	89 827	2 530,153	26 887,741	10,627	10,157
52	63	88 946	2 335,965	24 357,588	10,427	9,957
53	64	87 980	2 154,399	22 021,623	10,222	9,752
54	65	86 912	1 984,387	19 867,224	10,012	9,542
55	66	85 761	1 825,739	17 882,837	9,795	9,325
56	67	84 507	1 677,428	16 057,098	9,572	9,103
57	68	83 154	1 539,000	14 379,669	9,344	8,874
58	69	81 681	1 409,536	12 840,669	9,110	8,640
59	70	80 078	1 288,471	11 431,134	8,872	8,402
60	71	78 363	1 175,634	10 142,663	8,627	8,158
61	72	76 529	1 070,514	8 967,029	8,376	7,906
62	73	74 580	972,721	7 896,515	8,118	7,648
63	74	72 479	881,424	6 923,795	7,855	7,385
64	75	70 262	796,701	6 042,370	7,584	7,114
65	76	67 929	718,175	5 245,669	7,304	6,834
66	77	65 439	645,082	4 527,494	7,018	6,549
67	78	62 821	577,412	3 882,412	6,724	6,254
68	79	59 997	514,179	3 305,000	6,428	5,958
69	80	56 998	455,454	2 790,821	6,128	5,658
70	81	53 761	400,548	2 335,368	5,830	5,361
71	82	50 319	349,560	1 934,820	5,535	5,065
72	83	46 655	302,202	1 585,260	5,246	4,776
73	84	42 857	258,834	1 283,058	4,957	4,487
74	85	38 913	219,125	1 024,224	4,674	4,204
75	86	34 833	182,892	805,099	4,402	3,932
76	87	30 727	150,428	622,207	4,136	3,666
77	88	26 628	121,548	471,779	3,881	3,412
78	89	22 627	96,304	350,230	3,637	3,167
79	90	18 801	74,610	253,927	3,403	2,934
80	91	15 219	56,314	179,317	3,184	2,714
81	92	11 953	41,239	123,003	2,983	2,513
82	93	9 085	29,226	81,764	2,798	2,328
83	94	6 665	19,989	52,539	2,628	2,158
84	95	4 713	13,179	32,550	2,470	2,000
85	96	3 197	8,337	19,370	2,323	1,853
86	97	2 045	4,972	11,033	2,219	1,749
87	98	1 265	2,867	6,061	2,114	1,644
88	99	754	1,594	3,194	2,004	1,534
89	100	426	0,839	1,600	1,908	1,438

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 594	99 593,669	1 444 788,989	14,507	14,037
1	13	99 231	92 523,168	1 345 195,320	14,539	14,069
2	14	99 194	86 236,716	1 252 672,152	14,526	14,056
3	15	99 170	80 387,230	1 166 435,436	14,510	14,040
4	16	99 147	74 935,844	1 086 048,206	14,493	14,023
5	17	99 122	69 852,520	1 011 112,362	14,475	14,005
6	18	99 098	65 115,145	941 259,842	14,455	13,985
7	19	99 070	60 695,942	876 144,697	14,435	13,965
8	20	99 044	56 578,187	815 448,755	14,413	13,943
9	21	99 017	52 739,291	758 870,568	14,389	13,919
10	22	98 993	49 162,121	706 131,277	14,363	13,893
11	23	98 969	45 827,713	656 969,156	14,336	13,866
12	24	98 943	42 718,806	611 141,443	14,306	13,836
13	25	98 919	39 821,146	568 422,636	14,274	13,804
14	26	98 890	37 118,652	528 601,490	14,241	13,771
15	27	98 858	34 598,258	491 482,839	14,205	13,736
16	28	98 821	32 247,350	456 884,581	14,168	13,698
17	29	98 774	30 052,935	424 637,231	14,130	13,660
18	30	98 721	28 006,436	394 584,297	14,089	13,619
19	31	98 652	26 094,943	366 577,860	14,048	13,578
20	32	98 582	24 313,637	340 482,917	14,004	13,534
21	33	98 505	22 652,504	316 169,280	13,957	13,487
22	34	98 430	21 105,049	293 516,776	13,907	13,438
23	35	98 345	19 661,454	272 411,727	13,855	13,385
24	36	98 264	18 317,298	252 750,273	13,798	13,329
25	37	98 173	17 063,129	234 432,975	13,739	13,269
26	38	98 083	15 895,161	217 369,846	13,675	13,205
27	39	97 979	14 804,926	201 474,685	13,609	13,139
28	40	97 875	13 789,457	186 669,759	13,537	13,067
29	41	97 760	12 842,257	172 880,301	13,462	12,992
30	42	97 637	11 959,027	160 038,044	13,382	12,912
31	43	97 505	11 135,502	148 079,018	13,298	12,828
32	44	97 356	10 366,936	136 943,516	13,210	12,740
33	45	97 200	9 650,636	126 576,580	13,116	12,646
34	46	97 017	8 981,318	116 925,944	13,019	12,549
35	47	96 824	8 357,557	107 944,626	12,916	12,446
36	48	96 614	7 775,673	99 587,069	12,808	12,338
37	49	96 377	7 232,266	91 811,397	12,695	12,225
38	50	96 115	6 724,988	84 579,130	12,577	12,107
39	51	95 834	6 252,083	77 854,142	12,453	11,983
40	52	95 522	5 810,477	71 602,060	12,323	11,853
41	53	95 181	5 398,365	65 791,583	12,187	11,717
42	54	94 810	5 013,820	60 393,218	12,045	11,575
43	55	94 400	4 654,670	55 379,398	11,898	11,428
44	56	93 949	4 319,272	50 724,728	11,744	11,274
45	57	93 445	4 005,673	46 405,456	11,585	11,115
46	58	92 896	3 712,950	42 399,783	11,419	10,950
47	59	92 290	3 439,389	38 686,833	11,248	10,778
48	60	91 638	3 184,239	35 247,443	11,069	10,599
49	61	90 913	2 945,481	32 063,204	10,886	10,416
50	62	90 127	2 722,640	29 117,723	10,695	10,225
51	63	89 276	2 514,632	26 395,083	10,497	10,027
52	64	88 346	2 320,200	23 880,451	10,292	9,823
53	65	87 322	2 138,300	21 560,251	10,083	9,613
54	66	86 219	1 968,571	19 421,952	9,866	9,396
55	67	85 010	1 809,742	17 453,381	9,644	9,174
56	68	83 706	1 661,522	15 643,639	9,415	8,945
57	69	82 284	1 522,893	13 982,116	9,181	8,711
58	70	80 737	1 393,249	12 459,223	8,943	8,473
59	71	79 070	1 272,238	11 065,974	8,698	8,228
60	72	77 289	1 159,526	9 793,736	8,446	7,976
61	73	75 396	1 054,656	8 634,211	8,187	7,717
62	74	73 355	956,752	7 579,555	7,922	7,452
63	75	71 186	865,697	6 622,803	7,650	7,180
64	76	68 911	781,379	5 757,106	7,368	6,898
65	77	66 464	702,687	4 975,727	7,081	6,611
66	78	63 882	629,731	4 273,040	6,785	6,316
67	79	61 097	561,563	3 643,308	6,488	6,018
68	80	58 112	498,026	3 081,745	6,188	5,718
69	81	54 920	438,847	2 583,719	5,888	5,418
70	82	51 467	383,455	2 144,872	5,594	5,124
71	83	47 834	332,299	1 761,416	5,301	4,831
72	84	44 010	285,063	1 429,117	5,013	4,543
73	85	40 065	241,967	1 144,054	4,728	4,258
74	86	35 951	202,444	902,086	4,456	3,986
75	87	31 796	166,947	699,642	4,191	3,721
76	88	27 656	135,394	532,695	3,934	3,465
77	89	23 587	107,667	397,301	3,690	3,220
78	90	19 697	83,831	289,634	3,455	2,985
79	91	16 028	63,607	205,803	3,236	2,766
80	92	12 668	46,874	142,197	3,034	2,564
81	93	9 712	33,507	95,323	2,845	2,375
82	94	7 187	23,118	61,817	2,674	2,204
83	95	5 131	15,388	38,699	2,515	2,045
84	96	3 521	9,848	23,310	2,367	1,897
85	97	2 284	5,956	13,462	2,260	1,790
86	98	1 434	3,485	7,506	2,154	1,684
87	99	869	1,969	4,021	2,042	1,572
88	100	500	1,057	2,052	1,942	1,472

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 586	99 585,848	1 443 718,243	14,497	14,027
1	14	99 222	92 514,451	1 344 132,395	14,529	14,059
2	15	99 185	86 228,765	1 251 617,944	14,515	14,045
3	16	99 158	80 377,449	1 165 389,179	14,499	14,029
4	17	99 132	74 924,810	1 085 011,730	14,481	14,011
5	18	99 108	69 843,009	1 010 086,920	14,462	13,992
6	19	99 079	65 102,316	940 243,911	14,443	13,973
7	20	99 052	60 685,333	875 141,595	14,421	13,951
8	21	99 026	56 567,727	814 456,263	14,398	13,928
9	22	99 001	52 730,594	757 888,536	14,373	13,903
10	23	98 977	49 154,117	705 157,942	14,346	13,876
11	24	98 951	45 819,466	656 003,824	14,317	13,847
12	25	98 926	42 711,120	610 184,358	14,286	13,816
13	26	98 900	39 813,571	567 473,239	14,253	13,783
14	27	98 872	37 111,666	527 659,668	14,218	13,748
15	28	98 837	34 590,813	490 548,002	14,181	13,712
16	29	98 798	32 239,751	455 957,189	14,143	13,673
17	30	98 748	30 045,158	423 717,438	14,103	13,633
18	31	98 690	27 997,555	393 672,280	14,061	13,591
19	32	98 621	26 086,750	365 674,725	14,018	13,548
20	33	98 548	24 305,306	339 587,976	13,972	13,502
21	34	98 470	22 644,342	315 282,669	13,923	13,453
22	35	98 390	21 096,480	292 638,328	13,871	13,402
23	36	98 305	19 653,351	271 541,848	13,817	13,347
24	37	98 219	18 308,900	251 888,497	13,758	13,288
25	38	98 126	17 055,029	233 579,597	13,696	13,226
26	39	98 024	15 885,573	216 524,568	13,630	13,160
27	40	97 920	14 796,026	200 638,995	13,560	13,090
28	41	97 808	13 780,002	185 842,969	13,486	13,017
29	42	97 688	12 832,750	172 062,967	13,408	12,938
30	43	97 560	11 949,534	159 230,216	13,325	12,855
31	44	97 416	11 125,390	147 280,682	13,238	12,768
32	45	97 262	10 356,874	136 155,292	13,146	12,676
33	46	97 088	9 639,516	125 798,418	13,050	12,580
34	47	96 899	8 970,383	116 158,902	12,949	12,479
35	48	96 692	8 346,105	107 188,519	12,843	12,373
36	49	96 460	7 763,278	98 842,414	12,732	12,262
37	50	96 209	7 219,624	91 079,137	12,615	12,146
38	51	95 936	6 712,525	83 859,513	12,493	12,023
39	52	95 629	6 238,686	77 146,988	12,366	11,896
40	53	95 299	5 796,921	70 908,301	12,232	11,762
41	54	94 937	5 384,503	65 111,380	12,092	11,622
42	55	94 536	4 999,336	59 726,877	11,947	11,477
43	56	94 094	4 639,563	54 727,540	11,796	11,326
44	57	93 613	4 303,823	50 087,977	11,638	11,168
45	58	93 078	3 989,954	45 784,154	11,475	11,005
46	59	92 492	3 696,801	41 794,200	11,306	10,836
47	60	91 856	3 423,202	38 097,399	11,129	10,659
48	61	91 155	3 167,439	34 674,196	10,947	10,477
49	62	90 396	2 928,733	31 506,757	10,758	10,288
50	63	89 574	2 705,938	28 578,024	10,561	10,091
51	64	88 674	2 497,661	25 872,086	10,359	9,889
52	65	87 685	2 302,862	23 374,425	10,150	9,680
53	66	86 626	2 121,257	21 071,563	9,934	9,464
54	67	85 464	1 951,322	18 950,307	9,712	9,242
55	68	84 204	1 792,582	16 998,985	9,483	9,013
56	69	82 830	1 644,134	15 206,403	9,249	8,779
57	70	81 333	1 505,297	13 562,269	9,010	8,540
58	71	79 720	1 375,696	12 056,973	8,764	8,294
59	72	77 986	1 254,806	10 681,277	8,512	8,042
60	73	76 144	1 142,349	9 426,471	8,252	7,782
61	74	74 158	1 037,342	8 284,122	7,986	7,516
62	75	72 047	939,681	7 246,780	7,712	7,242
63	76	69 817	849,048	6 307,099	7,428	6,959
64	77	67 425	764,528	5 458,051	7,139	6,669
65	78	64 882	685,965	4 693,523	6,842	6,372
66	79	62 128	612,447	4 007,557	6,544	6,074
67	80	59 177	543,922	3 395,111	6,242	5,772
68	81	55 994	479,868	2 851,189	5,942	5,472
69	82	52 576	420,120	2 371,321	5,644	5,174
70	83	48 925	364,521	1 951,201	5,353	4,883
71	84	45 121	313,454	1 586,681	5,062	4,592
72	85	41 142	266,488	1 273,227	4,778	4,308
73	86	37 015	223,548	1 006,739	4,503	4,034
74	87	32 816	184,795	783,191	4,238	3,768
75	88	28 618	150,262	598,396	3,982	3,512
76	89	24 498	119,931	448,134	3,737	3,267
77	90	20 532	93,722	328,203	3,502	3,032
78	91	16 792	71,468	234,481	3,281	2,811
79	92	13 341	52,944	163,013	3,079	2,609
80	93	10 293	38,085	110,069	2,890	2,420
81	94	7 683	26,505	71,984	2,716	2,246
82	95	5 533	17,797	45,480	2,555	2,086
83	96	3 834	11,499	27,683	2,407	1,938
84	97	2 516	7,035	16,184	2,301	1,831
85	98	1 601	4,175	9,149	2,191	1,722
86	99	985	2,394	4,974	2,078	1,608
87	100	576	1,306	2,580	1,976	1,506

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,466	1 442 566,331	14,487	14,017
1	15	99 213	92 505,920	1 342 989,865	14,518	14,048
2	16	99 173	86 218,274	1 250 483,945	14,504	14,034
3	17	99 143	80 365,614	1 164 265,671	14,487	14,017
4	18	99 119	74 914,608	1 083 900,057	14,468	13,999
5	19	99 089	69 829,249	1 008 985,449	14,449	13,979
6	20	99 061	65 090,937	939 156,201	14,428	13,958
7	21	99 034	60 674,113	874 065,264	14,406	13,936
8	22	99 009	56 558,399	813 391,151	14,381	13,912
9	23	98 985	52 722,009	756 832,752	14,355	13,885
10	24	98 959	49 145,271	704 110,742	14,327	13,857
11	25	98 933	45 811,221	654 965,471	14,297	13,827
12	26	98 907	42 702,995	609 154,250	14,265	13,795
13	27	98 881	39 806,079	566 451,255	14,230	13,760
14	28	98 851	37 103,680	526 645,176	14,194	13,724
15	29	98 814	34 582,662	489 541,496	14,156	13,686
16	30	98 773	32 231,408	454 958,835	14,115	13,645
17	31	98 717	30 035,630	422 727,426	14,074	13,604
18	32	98 659	27 988,764	392 691,797	14,030	13,560
19	33	98 587	26 077,811	364 703,033	13,985	13,515
20	34	98 512	24 296,548	338 625,222	13,937	13,467
21	35	98 430	22 635,148	314 328,673	13,887	13,417
22	36	98 349	21 087,786	291 693,525	13,832	13,362
23	37	98 260	19 644,340	270 605,740	13,775	13,305
24	38	98 173	18 300,209	250 961,400	13,714	13,244
25	39	98 067	17 044,741	232 661,191	13,650	13,180
26	40	97 965	15 876,023	215 616,450	13,581	13,111
27	41	97 853	14 785,881	199 740,427	13,509	13,039
28	42	97 735	13 769,801	184 954,546	13,432	12,962
29	43	97 611	12 822,564	171 184,745	13,350	12,880
30	44	97 471	11 938,683	158 362,180	13,265	12,795
31	45	97 322	11 114,592	146 423,497	13,174	12,704
32	46	97 150	10 344,940	135 308,905	13,080	12,610
33	47	96 970	9 627,780	124 963,965	12,980	12,510
34	48	96 766	8 958,091	115 336,185	12,875	12,405
35	49	96 538	8 332,800	106 378,094	12,766	12,296
36	50	96 292	7 749,707	98 045,293	12,651	12,182
37	51	96 030	7 206,244	90 295,586	12,530	12,060
38	52	95 731	6 698,142	83 089,342	12,405	11,935
39	53	95 406	6 224,132	76 391,200	12,273	11,803
40	54	95 055	5 782,037	70 167,068	12,135	11,665
41	55	94 663	5 368,949	64 385,031	11,992	11,522
42	56	94 230	4 983,111	59 016,082	11,843	11,373
43	57	93 757	4 622,968	54 032,971	11,688	11,218
44	58	93 246	4 286,934	49 410,003	11,526	11,056
45	59	92 673	3 972,600	45 123,069	11,359	10,889
46	60	92 056	3 679,403	41 150,469	11,184	10,714
47	61	91 371	3 405,142	37 471,066	11,004	10,534
48	62	90 636	3 149,430	34 065,925	10,817	10,347
49	63	89 841	2 910,767	30 916,495	10,621	10,152
50	64	88 970	2 687,676	28 005,728	10,420	9,950
51	65	88 011	2 478,997	25 318,052	10,213	9,743
52	66	86 987	2 284,507	22 839,055	9,997	9,527
53	67	85 867	2 102,670	20 554,548	9,775	9,306
54	68	84 654	1 932,819	18 451,878	9,547	9,077
55	69	83 322	1 773,821	16 519,059	9,313	8,843
56	70	81 873	1 625,136	14 745,238	9,073	8,603
57	71	80 309	1 486,332	13 120,102	8,827	8,357
58	72	78 627	1 356,846	11 633,770	8,574	8,104
59	73	76 831	1 236,218	10 276,924	8,313	7,843
60	74	74 894	1 123,596	9 040,706	8,046	7,576
61	75	72 835	1 018,833	7 917,110	7,771	7,301
62	76	70 661	921,609	6 898,277	7,485	7,015
63	77	68 312	830,738	5 976,668	7,194	6,725
64	78	65 820	746,335	5 145,930	6,895	6,425
65	79	63 101	667,137	4 399,595	6,595	6,125
66	80	60 177	593,207	3 732,458	6,292	5,822
67	81	57 020	524,090	3 139,251	5,990	5,520
68	82	53 604	459,390	2 615,162	5,693	5,223
69	83	49 980	399,375	2 155,772	5,398	4,928
70	84	46 151	343,848	1 756,397	5,108	4,638
71	85	42 181	293,028	1 412,549	4,821	4,351
72	86	38 010	246,202	1 119,521	4,547	4,077
73	87	33 788	204,059	873,319	4,280	3,810
74	88	29 537	166,326	669,260	4,024	3,554
75	89	25 350	133,101	502,934	3,779	3,309
76	90	21 325	104,398	369,833	3,543	3,073
77	91	17 504	79,901	265,435	3,322	2,852
78	92	13 977	59,487	185,534	3,119	2,649
79	93	10 840	43,017	126,047	2,930	2,460
80	94	8 142	30,126	83,030	2,756	2,286
81	95	5 914	20,404	52,904	2,593	2,123
82	96	4 134	13,298	32,500	2,444	1,974
83	97	2 739	8,214	19,202	2,338	1,868
84	98	1 763	4,931	10,988	2,228	1,758
85	99	1 100	2,868	6,056	2,112	1,642
86	100	653	1,587	3,189	2,009	1,539

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 567	99 567,285	1 441 328,956	14,476	14,006
1	16	99 201	92 494,665	1 341 761,672	14,506	14,036
2	17	99 159	86 205,578	1 249 267,007	14,492	14,022
3	18	99 130	80 354,671	1 163 061,428	14,474	14,004
4	19	99 099	74 899,849	1 082 706,757	14,455	13,985
5	20	99 071	69 817,043	1 007 806,909	14,435	13,965
6	21	99 043	65 078,903	937 989,865	14,413	13,943
7	22	99 018	60 664,108	872 910,963	14,389	13,919
8	23	98 993	56 549,191	812 246,854	14,364	13,894
9	24	98 967	52 712,521	755 697,664	14,336	13,866
10	25	98 941	49 136,428	702 985,143	14,307	13,837
11	26	98 914	45 802,507	653 848,714	14,275	13,805
12	27	98 888	42 694,958	608 046,207	14,242	13,772
13	28	98 860	39 797,513	565 351,249	14,206	13,736
14	29	98 827	37 094,937	525 553,736	14,168	13,698
15	30	98 788	34 573,713	488 458,799	14,128	13,658
16	31	98 741	32 221,187	453 885,087	14,087	13,617
17	32	98 686	30 026,199	421 663,900	14,043	13,573
18	33	98 625	27 979,174	391 637,701	13,997	13,528
19	34	98 552	26 068,415	363 658,528	13,950	13,480
20	35	98 472	24 286,684	337 590,113	13,900	13,430
21	36	98 389	22 625,819	313 303,429	13,847	13,377
22	37	98 304	21 078,117	290 677,609	13,790	13,321
23	38	98 213	19 635,015	269 599,492	13,731	13,261
24	39	98 114	18 289,169	249 964,477	13,667	13,197
25	40	98 008	17 034,495	231 675,307	13,600	13,130
26	41	97 898	15 865,137	214 640,813	13,529	13,059
27	42	97 781	14 774,935	198 775,676	13,454	12,984
28	43	97 658	13 758,871	184 000,740	13,373	12,903
29	44	97 522	12 810,921	170 241,869	13,289	12,819
30	45	97 376	11 927,096	157 430,949	13,199	12,730
31	46	97 210	11 101,785	145 503,853	13,106	12,636
32	47	97 031	10 332,345	134 402,067	13,008	12,538
33	48	96 837	9 614,587	124 069,722	12,904	12,434
34	49	96 612	8 943,811	114 455,135	12,797	12,327
35	50	96 369	8 318,234	105 511,324	12,684	12,214
36	51	96 113	7 735,345	97 193,090	12,565	12,095
37	52	95 825	7 190,804	89 457,745	12,441	11,971
38	53	95 507	6 682,516	82 266,941	12,311	11,841
39	54	95 161	6 208,150	75 584,425	12,175	11,705
40	55	94 780	5 765,334	69 376,275	12,033	11,563
41	56	94 355	5 351,525	63 610,941	11,887	11,417
42	57	93 893	4 965,287	58 259,416	11,733	11,263
43	58	93 389	4 604,827	53 294,130	11,574	11,104
44	59	92 840	4 268,288	48 689,303	11,407	10,937
45	60	92 237	3 953,904	44 421,015	11,235	10,765
46	61	91 571	3 659,990	40 467,111	11,057	10,587
47	62	90 851	3 385,781	36 807,121	10,871	10,401
48	63	90 080	3 130,110	33 421,340	10,677	10,207
49	64	89 235	2 891,123	30 291,230	10,477	10,007
50	65	88 305	2 667,592	27 400,108	10,271	9,802
51	66	87 310	2 459,238	24 732,516	10,057	9,587
52	67	86 224	2 264,490	22 273,278	9,836	9,366
53	68	85 053	2 082,732	20 008,788	9,607	9,137
54	69	83 768	1 912,591	17 926,056	9,373	8,903
55	70	82 360	1 753,325	16 013,465	9,133	8,663
56	71	80 841	1 604,661	14 260,140	8,887	8,417
57	72	79 208	1 465,966	12 655,478	8,633	8,163
58	73	77 463	1 336,746	11 189,512	8,371	7,901
59	74	75 570	1 215,924	9 852,766	8,103	7,633
60	75	73 558	1 103,548	8 636,842	7,826	7,357
61	76	71 434	999,239	7 533,294	7,539	7,069
62	77	69 137	901,734	6 534,055	7,246	6,776
63	78	66 686	810,969	5 632,321	6,945	6,475
64	79	64 014	725,850	4 821,352	6,642	6,172
65	80	61 119	646,179	4 095,502	6,338	5,868
66	81	57 983	571,578	3 449,323	6,035	5,565
67	82	54 586	501,725	2 877,745	5,736	5,266
68	83	50 957	436,706	2 376,021	5,441	4,971
69	84	47 145	376,726	1 939,315	5,148	4,678
70	85	43 143	321,442	1 562,589	4,861	4,391
71	86	38 970	270,722	1 241,148	4,585	4,115
72	87	34 696	224,738	970,426	4,318	3,848
73	88	30 411	183,664	745,688	4,060	3,590
74	89	26 163	147,331	562,024	3,815	3,345
75	90	22 067	115,862	414,693	3,579	3,109
76	91	18 180	89,002	298,831	3,358	2,888
77	92	14 570	66,507	209,829	3,155	2,685
78	93	11 356	48,333	143,322	2,965	2,495
79	94	8 575	34,027	94,989	2,792	2,322
80	95	6 268	23,192	60,962	2,629	2,159
81	96	4 419	15,246	37,770	2,477	2,007
82	97	2 953	9,500	22,523	2,371	1,901
83	98	1 920	5,758	13,023	2,262	1,792
84	99	1 211	3,387	7,266	2,145	1,675
85	100	729	1,901	3,878	2,040	1,570

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 555	99 555,170	1 439 999,627	14,464	13,994
1	17	99 186	92 481,046	1 340 444,457	14,494	14,024
2	18	99 145	86 193,840	1 247 963,411	14,479	14,009
3	19	99 110	80 338,840	1 161 769,571	14,461	13,991
4	20	99 082	74 886,757	1 081 430,731	14,441	13,971
5	21	99 053	69 804,135	1 006 543,974	14,420	13,950
6	22	99 027	65 068,171	936 739,839	14,396	13,926
7	23	99 002	60 654,232	871 671,668	14,371	13,901
8	24	98 975	56 539,014	811 017,436	14,344	13,874
9	25	98 949	52 703,036	754 478,422	14,316	13,846
10	26	98 922	49 127,081	701 775,386	14,285	13,815
11	27	98 896	45 793,887	652 648,305	14,252	13,782
12	28	98 867	42 685,771	606 854,417	14,217	13,747
13	29	98 837	39 788,135	564 168,646	14,179	13,709
14	30	98 802	37 085,338	524 380,511	14,140	13,670
15	31	98 757	34 562,748	487 295,174	14,099	13,629
16	32	98 710	32 211,069	452 732,425	14,055	13,585
17	33	98 652	30 015,911	420 521,356	14,010	13,540
18	34	98 589	27 969,092	390 505,445	13,962	13,492
19	35	98 512	26 057,831	362 536,353	13,913	13,443
20	36	98 432	24 276,675	336 478,522	13,860	13,390
21	37	98 344	22 615,446	312 201,847	13,805	13,335
22	38	98 258	21 068,112	289 586,402	13,745	13,275
23	39	98 154	19 623,171	268 518,290	13,684	13,214
24	40	98 055	18 278,175	248 895,119	13,617	13,147
25	41	97 941	17 022,814	230 616,944	13,548	13,078
26	42	97 825	15 853,393	213 594,130	13,473	13,003
27	43	97 703	14 763,208	197 740,738	13,394	12,924
28	44	97 569	13 746,377	182 977,530	13,311	12,841
29	45	97 427	12 798,487	169 231,153	13,223	12,753
30	46	97 264	11 913,353	156 432,666	13,131	12,661
31	47	97 091	11 088,269	144 519,313	13,034	12,564
32	48	96 898	10 318,186	133 431,044	12,932	12,462
33	49	96 683	9 599,261	123 112,858	12,825	12,355
34	50	96 443	8 928,177	113 513,597	12,714	12,244
35	51	96 190	8 302,819	104 585,420	12,596	12,126
36	52	95 907	7 718,771	96 282,601	12,474	12,004
37	53	95 601	7 174,028	88 563,830	12,345	11,875
38	54	95 262	6 665,357	81 389,803	12,211	11,741
39	55	94 886	6 190,217	74 724,445	12,071	11,601
40	56	94 472	5 746,623	68 534,229	11,926	11,456
41	57	94 018	5 332,382	62 787,606	11,775	11,305
42	58	93 524	4 945,802	57 455,223	11,617	11,147
43	59	92 983	4 584,798	52 509,421	11,453	10,983
44	60	92 403	4 248,200	47 924,622	11,281	10,811
45	61	91 750	3 933,043	43 676,422	11,105	10,635
46	62	91 050	3 639,180	39 743,379	10,921	10,451
47	63	90 294	3 365,011	36 104,199	10,729	10,259
48	64	89 472	3 108,985	32 739,188	10,531	10,061
49	65	88 568	2 869,518	29 630,204	10,326	9,856
50	66	87 601	2 646,330	26 760,685	10,112	9,642
51	67	86 545	2 437,690	24 114,356	9,892	9,422
52	68	85 407	2 243,018	21 676,666	9,664	9,194
53	69	84 163	2 060,935	19 433,648	9,430	8,960
54	70	82 800	1 890,492	17 372,713	9,190	8,720
55	71	81 322	1 731,235	15 482,222	8,943	8,473
56	72	79 733	1 582,675	13 750,986	8,688	8,219
57	73	78 035	1 444,250	12 168,311	8,425	7,955
58	74	76 191	1 314,802	10 724,061	8,156	7,687
59	75	74 221	1 194,228	9 409,259	7,879	7,409
60	76	72 143	1 082,325	8 215,031	7,590	7,120
61	77	69 893	977,690	7 132,706	7,295	6,826
62	78	67 492	880,276	6 155,017	6,992	6,522
63	79	64 856	788,710	5 274,741	6,688	6,218
64	80	62 003	703,047	4 486,031	6,381	5,911
65	81	58 891	622,619	3 782,984	6,076	5,606
66	82	55 508	547,186	3 160,365	5,776	5,306
67	83	51 891	476,950	2 613,179	5,479	5,009
68	84	48 067	411,939	2 136,229	5,186	4,716
69	85	44 073	352,177	1 724,289	4,896	4,426
70	86	39 859	296,972	1 372,112	4,620	4,150
71	87	35 573	247,120	1 075,140	4,351	3,881
72	88	31 228	202,276	828,020	4,094	3,624
73	89	26 938	162,689	625,744	3,846	3,376
74	90	22 775	128,249	463,055	3,611	3,141
75	91	18 813	98,775	334,805	3,390	2,920
76	92	15 132	74,082	236,030	3,186	2,716
77	93	11 838	54,036	161,948	2,997	2,527
78	94	8 983	38,233	107,912	2,822	2,353
79	95	6 601	26,195	69,679	2,660	2,190
80	96	4 684	17,330	43,483	2,509	2,039
81	97	3 157	10,891	26,154	2,401	1,931
82	98	2 070	6,659	15,262	2,292	1,822
83	99	1 319	3,955	8,603	2,175	1,705
84	100	803	2,246	4,648	2,070	1,600

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 541	99 540,511	1 438 574,758	14,452	13,982
1	18	99 172	92 468,453	1 339 034,246	14,481	14,011
2	19	99 125	86 176,859	1 246 565,793	14,465	13,995
3	20	99 093	80 324,797	1 160 388,934	14,446	13,976
4	21	99 064	74 872,912	1 080 064,137	14,425	13,955
5	22	99 037	69 792,625	1 005 191,225	14,403	13,933
6	23	99 011	65 057,578	935 398,600	14,378	13,908
7	24	98 984	60 643,316	870 341,023	14,352	13,882
8	25	98 957	56 528,840	809 697,707	14,324	13,854
9	26	98 930	52 693,011	753 168,866	14,294	13,824
10	27	98 904	49 117,836	700 475,855	14,261	13,791
11	28	98 875	45 784,033	651 358,020	14,227	13,757
12	29	98 844	42 675,713	605 573,987	14,190	13,720
13	30	98 811	39 777,839	562 898,274	14,151	13,681
14	31	98 770	37 073,577	523 120,435	14,110	13,640
15	32	98 726	34 551,896	486 046,858	14,067	13,597
16	33	98 676	32 200,033	451 494,962	14,022	13,552
17	34	98 616	30 005,095	419 294,930	13,974	13,504
18	35	98 549	27 957,737	389 289,835	13,924	13,454
19	36	98 471	26 047,092	361 332,098	13,872	13,402
20	37	98 387	24 265,544	335 285,006	13,817	13,347
21	38	98 297	22 604,711	311 019,462	13,759	13,289
22	39	98 198	21 055,403	288 414,751	13,698	13,228
23	40	98 095	19 611,374	267 359,349	13,633	13,163
24	41	97 987	18 265,642	247 747,974	13,564	13,094
25	42	97 868	17 010,213	229 482,333	13,491	13,021
26	43	97 748	15 840,809	212 472,120	13,413	12,943
27	44	97 614	14 749,802	196 631,311	13,331	12,861
28	45	97 474	13 733,035	181 881,510	13,244	12,774
29	46	97 315	12 783,740	168 148,474	13,153	12,683
30	47	97 146	11 898,848	155 364,734	13,057	12,587
31	48	96 958	11 073,075	143 465,886	12,956	12,486
32	49	96 744	10 301,739	132 392,811	12,852	12,382
33	50	96 514	9 582,481	122 091,073	12,741	12,271
34	51	96 264	8 911,631	112 508,592	12,625	12,155
35	52	95 984	8 285,028	103 596,961	12,504	12,034
36	53	95 683	7 700,763	95 311,932	12,377	11,907
37	54	95 356	7 155,607	87 611,169	12,244	11,774
38	55	94 987	6 646,103	80 455,562	12,106	11,636
39	56	94 578	6 170,127	73 809,459	11,962	11,492
40	57	94 134	5 726,068	67 639,332	11,813	11,343
41	58	93 649	5 311,457	61 913,265	11,657	11,187
42	59	93 117	4 924,291	56 601,807	11,494	11,025
43	60	92 546	4 563,221	51 677,516	11,325	10,855
44	61	91 916	4 225,787	47 114,295	11,149	10,679
45	62	91 229	3 910,680	42 888,509	10,967	10,497
46	63	90 491	3 616,856	38 977,828	10,777	10,307
47	64	89 685	3 342,301	35 360,973	10,580	10,110
48	65	88 804	3 085,752	32 018,672	10,376	9,906
49	66	87 862	2 846,647	28 932,920	10,164	9,694
50	67	86 833	2 623,142	26 086,273	9,945	9,475
51	68	85 724	2 414,575	23 463,131	9,717	9,247
52	69	84 513	2 219,543	21 048,555	9,483	9,013
53	70	83 191	2 037,121	18 829,012	9,243	8,773
54	71	81 757	1 866,674	16 791,891	8,996	8,526
55	72	80 208	1 707,514	14 925,217	8,741	8,271
56	73	78 552	1 559,230	13 217,703	8,477	8,007
57	74	76 754	1 420,541	11 658,473	8,207	7,737
58	75	74 832	1 291,342	10 237,932	7,928	7,458
59	76	72 794	1 171,261	8 946,590	7,638	7,169
60	77	70 587	1 058,983	7 775,329	7,342	6,872
61	78	68 230	954,424	6 716,345	7,037	6,567
62	79	65 639	856,114	5 761,921	6,730	6,260
63	80	62 818	763,933	4 905,807	6,422	5,952
64	81	59 742	677,413	4 141,874	6,114	5,644
65	82	56 378	596,049	3 464,461	5,812	5,342
66	83	52 767	520,167	2 868,412	5,514	5,045
67	84	48 948	449,902	2 348,245	5,219	4,750
68	85	44 935	385,096	1 898,344	4,930	4,460
69	86	40 718	325,368	1 513,248	4,651	4,181
70	87	36 384	271,082	1 187,880	4,382	3,912
71	88	32 017	222,422	916,798	4,122	3,652
72	89	27 662	179,176	694,376	3,875	3,405
73	90	23 449	141,618	515,200	3,638	3,168
74	91	19 416	109,335	373,582	3,417	2,947
75	92	15 659	82,217	264,247	3,214	2,744
76	93	12 295	60,192	182,030	3,024	2,554
77	94	9 364	42,744	121,838	2,850	2,381
78	95	6 915	29,433	79,094	2,687	2,217
79	96	4 932	19,574	49,661	2,537	2,067
80	97	3 346	12,379	30,087	2,430	1,961
81	98	2 213	7,635	17,708	2,319	1,850
82	99	1 422	4,574	10,073	2,202	1,732
83	100	874	2,622	5,499	2,097	1,627

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 527	99 526,958	1 437 050,109	14,439	13,969
1	19	99 153	92 450,235	1 337 523,152	14,467	13,998
2	20	99 108	86 161,796	1 245 072,917	14,450	13,981
3	21	99 074	80 309,947	1 158 911,121	14,430	13,961
4	22	99 047	74 860,565	1 078 601,174	14,408	13,938
5	23	99 021	69 781,262	1 003 740,608	14,384	13,914
6	24	98 993	65 045,870	933 959,346	14,358	13,889
7	25	98 966	60 632,404	868 913,477	14,331	13,861
8	26	98 939	56 518,087	808 281,072	14,301	13,831
9	27	98 912	52 683,094	751 762,985	14,270	13,800
10	28	98 882	49 107,266	699 079,891	14,236	13,766
11	29	98 851	45 773,244	649 972,625	14,200	13,730
12	30	98 818	42 664,669	604 199,380	14,162	13,692
13	31	98 780	39 765,224	561 534,711	14,121	13,651
14	32	98 739	37 061,936	521 769,487	14,078	13,608
15	33	98 692	34 540,057	484 707,551	14,033	13,563
16	34	98 641	32 188,430	450 167,494	13,985	13,515
17	35	98 576	29 992,913	417 979,063	13,936	13,466
18	36	98 509	27 946,214	387 986,150	13,883	13,413
19	37	98 426	26 035,149	360 039,936	13,829	13,359
20	38	98 340	24 254,026	334 004,787	13,771	13,301
21	39	98 238	22 591,074	309 750,761	13,711	13,241
22	40	98 139	21 042,745	287 159,686	13,646	13,177
23	41	98 028	19 597,927	266 116,941	13,579	13,109
24	42	97 915	18 252,120	246 519,014	13,506	13,036
25	43	97 791	16 996,711	228 266,894	13,430	12,960
26	44	97 659	15 826,424	211 270,183	13,349	12,879
27	45	97 520	14 735,486	195 443,759	13,263	12,794
28	46	97 362	13 717,212	180 708,273	13,174	12,704
29	47	97 196	12 768,175	166 991,061	13,079	12,609
30	48	97 013	11 882,543	154 222,886	12,979	12,509
31	49	96 804	11 055,424	142 340,342	12,875	12,405
32	50	96 575	10 283,731	131 284,919	12,766	12,296
33	51	96 335	9 564,723	121 001,188	12,651	12,181
34	52	96 058	8 892,536	111 436,466	12,531	12,062
35	53	95 760	8 265,700	102 543,930	12,406	11,936
36	54	95 438	7 680,990	94 278,230	12,274	11,804
37	55	95 080	7 134,937	86 597,240	12,137	11,667
38	56	94 679	6 624,534	79 462,303	11,995	11,525
39	57	94 239	6 148,056	72 837,769	11,847	11,377
40	58	93 765	5 703,598	66 689,713	11,693	11,223
41	59	93 242	5 288,356	60 986,115	11,532	11,062
42	60	92 679	4 901,116	55 697,760	11,364	10,894
43	61	92 057	4 539,145	50 796,644	11,191	10,721
44	62	91 393	4 201,759	46 257,499	11,009	10,539
45	63	90 669	3 886,691	42 055,739	10,820	10,351
46	64	89 881	3 592,446	38 169,049	10,625	10,155
47	65	89 015	3 317,325	34 576,603	10,423	9,953
48	66	88 096	3 061,158	31 259,278	10,212	9,742
49	67	87 092	2 821,704	28 198,121	9,993	9,523
50	68	86 010	2 598,269	25 376,416	9,767	9,297
51	69	84 827	2 389,305	22 778,147	9,533	9,063
52	70	83 536	2 193,897	20 388,842	9,293	8,824
53	71	82 142	2 011,456	18 194,945	9,046	8,576
54	72	80 636	1 841,097	16 183,489	8,790	8,320
55	73	79 020	1 682,220	14 342,392	8,526	8,056
56	74	77 263	1 533,633	12 660,172	8,255	7,785
57	75	75 384	1 395,194	11 126,539	7,975	7,505
58	76	73 392	1 266,508	9 731,345	7,684	7,214
59	77	71 224	1 146,002	8 464,837	7,386	6,917
60	78	68 908	1 033,783	7 318,835	7,080	6,610
61	79	66 357	928,227	6 285,052	6,771	6,301
62	80	63 577	829,220	5 356,825	6,460	5,990
63	81	60 528	736,079	4 527,605	6,151	5,681
64	82	57 193	648,505	3 791,526	5,847	5,377
65	83	53 594	566,617	3 143,021	5,547	5,077
66	84	49 775	490,667	2 576,404	5,251	4,781
67	85	45 759	420,585	2 085,737	4,959	4,489
68	86	41 514	355,781	1 665,152	4,680	4,210
69	87	37 168	297,002	1 309,372	4,409	3,939
70	88	32 748	243,989	1 012,369	4,149	3,679
71	89	28 361	197,021	768,381	3,900	3,430
72	90	24 079	155,969	571,360	3,663	3,193
73	91	19 991	120,733	415,391	3,441	2,971
74	92	16 161	91,007	294,658	3,238	2,768
75	93	12 723	66,801	203,651	3,049	2,579
76	94	9 726	47,613	136,849	2,874	2,404
77	95	7 209	32,906	89,236	2,712	2,242
78	96	5 167	21,993	56,330	2,561	2,091
79	97	3 523	13,983	34,337	2,456	1,986
80	98	2 345	8,678	20,355	2,346	1,876
81	99	1 520	5,244	11,677	2,227	1,757
82	100	943	3,033	6,433	2,121	1,651

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 507	99 507,349	1 435 417,212	14,425	13,955
1	20	99 136	92 434,076	1 335 909,863	14,453	13,983
2	21	99 090	86 145,866	1 243 475,787	14,435	13,965
3	22	99 058	80 296,704	1 157 329,920	14,413	13,943
4	23	99 031	74 848,378	1 077 033,216	14,390	13,920
5	24	99 003	69 768,704	1 002 184,839	14,364	13,894
6	25	98 975	65 034,165	932 416,135	14,337	13,867
7	26	98 947	60 620,870	867 381,969	14,308	13,838
8	27	98 920	56 507,451	806 761,099	14,277	13,807
9	28	98 890	52 671,758	750 253,648	14,244	13,774
10	29	98 859	49 095,695	697 581,891	14,209	13,739
11	30	98 826	45 761,400	648 486,196	14,171	13,701
12	31	98 787	42 651,139	602 724,796	14,132	13,662
13	32	98 749	39 752,738	560 073,657	14,089	13,619
14	33	98 706	37 049,237	520 320,919	14,044	13,574
15	34	98 657	34 527,611	483 271,682	13,997	13,527
16	35	98 601	32 175,362	448 744,071	13,947	13,477
17	36	98 536	29 980,552	416 568,709	13,895	13,425
18	37	98 463	27 933,401	386 588,157	13,840	13,370
19	38	98 379	26 022,791	358 654,756	13,782	13,312
20	39	98 281	24 239,395	332 631,964	13,723	13,253
21	40	98 179	22 577,494	308 392,569	13,659	13,189
22	41	98 072	21 028,316	285 815,076	13,592	13,122
23	42	97 955	19 583,419	264 786,759	13,521	13,051
24	43	97 837	18 237,633	245 203,340	13,445	12,975
25	44	97 702	16 981,277	226 965,707	13,366	12,896
26	45	97 564	15 811,064	209 984,431	13,281	12,811
27	46	97 407	14 718,507	194 173,367	13,192	12,723
28	47	97 244	13 700,511	179 454,860	13,098	12,629
29	48	97 063	12 750,679	165 754,349	13,000	12,530
30	49	96 858	11 863,602	153 003,670	12,897	12,427
31	50	96 634	11 036,098	141 140,068	12,789	12,319
32	51	96 396	10 264,673	130 103,970	12,675	12,205
33	52	96 128	9 544,228	119 839,298	12,556	12,086
34	53	95 834	8 871,790	110 295,069	12,432	11,962
35	54	95 514	8 244,476	101 423,279	12,302	11,832
36	55	95 162	7 658,802	93 178,803	12,166	11,696
37	56	94 772	7 111,781	85 520,001	12,025	11,555
38	57	94 340	6 600,838	78 408,220	11,879	11,409
39	58	93 870	6 123,930	71 807,383	11,726	11,256
40	59	93 357	5 678,790	65 683,452	11,566	11,097
41	60	92 803	5 263,467	60 004,662	11,400	10,930
42	61	92 190	4 875,258	54 741,195	11,228	10,758
43	62	91 534	4 513,336	49 865,937	11,049	10,579
44	63	90 832	4 175,984	45 352,601	10,860	10,390
45	64	90 057	3 860,460	41 176,617	10,666	10,196
46	65	89 209	3 565,601	37 316,157	10,466	9,996
47	66	88 305	3 290,884	33 750,557	10,256	9,786
48	67	87 324	3 034,335	30 459,672	10,038	9,568
49	68	86 266	2 794,948	27 425,337	9,812	9,343
50	69	85 110	2 571,077	24 630,389	9,580	9,110
51	70	83 847	2 361,698	22 059,312	9,340	8,871
52	71	82 484	2 166,257	19 697,615	9,093	8,623
53	72	81 017	1 983,896	17 531,358	8,837	8,367
54	73	79 442	1 813,824	15 547,462	8,572	8,102
55	74	77 722	1 654,604	13 733,639	8,300	7,830
56	75	75 884	1 506,268	12 079,034	8,019	7,549
57	76	73 935	1 368,363	10 572,766	7,727	7,257
58	77	71 810	1 239,194	9 204,403	7,428	6,958
59	78	69 529	1 118,731	7 965,209	7,120	6,650
60	79	67 016	1 005,408	6 846,478	6,810	6,340
61	80	64 273	899,067	5 841,070	6,497	6,027
62	81	61 259	798,985	4 942,003	6,185	5,715
63	82	57 945	704,667	4 143,018	5,879	5,409
64	83	54 369	616,483	3 438,350	5,577	5,107
65	84	50 554	534,483	2 821,867	5,280	4,810
66	85	46 531	458,694	2 287,384	4,987	4,517
67	86	42 275	388,568	1 828,690	4,706	4,236
68	87	37 895	324,764	1 440,123	4,434	3,964
69	88	33 454	267,318	1 115,359	4,172	3,703
70	89	29 008	216,125	848,041	3,924	3,454
71	90	24 688	171,503	631,916	3,685	3,215
72	91	20 528	132,968	460,413	3,463	2,993
73	92	16 640	100,494	327,446	3,258	2,788
74	93	13 131	73,943	226,952	3,069	2,599
75	94	10 064	52,842	153,009	2,896	2,426
76	95	7 487	36,654	100,167	2,733	2,263
77	96	5 387	24,588	63,513	2,583	2,113
78	97	3 691	15,711	38,925	2,478	2,008
79	98	2 470	9,801	23,214	2,368	1,899
80	99	1 611	5,961	13,413	2,250	1,780
81	100	1 008	3,477	7,452	2,143	1,673

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 490	99 489,956	1 433 674,701	14,410	13,940
1	21	99 117	92 416,987	1 334 184,745	14,437	13,967
2	22	99 073	86 131,661	1 241 767,758	14,417	13,947
3	23	99 042	80 283,631	1 155 636,097	14,394	13,925
4	24	99 013	74 834,908	1 075 352,466	14,370	13,900
5	25	98 985	69 756,150	1 000 517,558	14,343	13,873
6	26	98 956	65 021,794	930 761,408	14,315	13,845
7	27	98 929	60 609,462	865 739,614	14,284	13,814
8	28	98 899	56 495,291	805 130,152	14,251	13,781
9	29	98 867	52 659,346	748 634,861	14,217	13,747
10	30	98 833	49 082,990	695 975,515	14,180	13,710
11	31	98 794	45 746,887	646 892,525	14,141	13,671
12	32	98 756	42 637,747	601 145,637	14,099	13,629
13	33	98 715	39 739,118	558 507,891	14,054	13,584
14	34	98 670	37 035,887	518 768,773	14,007	13,537
15	35	98 617	34 513,593	481 732,886	13,958	13,488
16	36	98 560	32 162,101	447 219,293	13,905	13,435
17	37	98 491	29 966,806	415 057,191	13,851	13,381
18	38	98 417	27 920,142	385 090,385	13,793	13,323
19	39	98 320	26 007,093	357 170,243	13,734	13,264
20	40	98 222	24 224,823	331 163,150	13,670	13,201
21	41	98 112	22 562,013	306 938,327	13,604	13,134
22	42	97 999	21 012,750	284 376,314	13,534	13,064
23	43	97 877	19 567,875	263 363,564	13,459	12,989
24	44	97 748	18 221,072	243 795,689	13,380	12,910
25	45	97 607	16 964,795	225 574,618	13,297	12,827
26	46	97 452	15 792,846	208 609,823	13,209	12,739
27	47	97 289	14 700,587	192 816,977	13,116	12,646
28	48	97 110	13 681,737	178 116,390	13,019	12,549
29	49	96 909	12 730,354	164 434,653	12,917	12,447
30	50	96 689	11 842,864	151 704,299	12,810	12,340
31	51	96 455	11 015,646	139 861,436	12,697	12,227
32	52	96 189	10 242,679	128 845,790	12,579	12,109
33	53	95 904	9 521,962	118 603,111	12,456	11,986
34	54	95 588	8 849,010	109 081,149	12,327	11,857
35	55	95 238	8 220,660	100 232,139	12,193	11,723
36	56	94 853	7 633,946	92 011,479	12,053	11,583
37	57	94 433	7 086,342	84 377,533	11,907	11,437
38	58	93 970	6 574,935	77 291,191	11,755	11,286
39	59	93 461	6 097,295	70 716,256	11,598	11,128
40	60	92 918	5 652,064	64 618,961	11,433	10,963
41	61	92 313	5 235,697	58 966,897	11,262	10,793
42	62	91 666	4 847,537	53 731,200	11,084	10,614
43	63	90 972	4 485,650	48 883,662	10,898	10,428
44	64	90 219	4 147,801	44 398,013	10,704	10,234
45	65	89 384	3 831,612	40 250,212	10,505	10,035
46	66	88 498	3 537,181	36 418,600	10,296	9,826
47	67	87 531	3 262,049	32 881,419	10,080	9,610
48	68	86 496	3 005,563	29 619,370	9,855	9,385
49	69	85 364	2 765,697	26 613,807	9,623	9,153
50	70	84 126	2 541,369	23 848,110	9,384	8,914
51	71	82 790	2 331,943	21 306,741	9,137	8,667
52	72	81 354	2 136,575	18 974,798	8,881	8,411
53	73	79 817	1 954,507	16 838,223	8,615	8,145
54	74	78 138	1 784,048	14 883,716	8,343	7,873
55	75	76 336	1 625,081	13 099,668	8,061	7,591
56	76	74 425	1 477,301	11 474,587	7,767	7,297
57	77	72 340	1 338,853	9 997,286	7,467	6,997
58	78	70 101	1 209,706	8 658,434	7,157	6,688
59	79	67 621	1 088,024	7 448,728	6,846	6,376
60	80	64 911	973,824	6 360,704	6,532	6,062
61	81	61 929	866,286	5 386,880	6,218	5,748
62	82	58 645	764,889	4 520,594	5,910	5,440
63	83	55 083	669,872	3 755,705	5,607	5,137
64	84	51 285	581,521	3 085,833	5,306	4,837
65	85	47 260	499,654	2 504,312	5,012	4,542
66	86	42 989	423,776	2 004,657	4,730	4,261
67	87	38 590	354,692	1 580,881	4,457	3,987
68	88	34 108	292,305	1 226,189	4,195	3,725
69	89	29 633	236,790	933,884	3,944	3,474
70	90	25 251	188,133	697,094	3,705	3,235
71	91	21 047	146,210	508,961	3,481	3,011
72	92	17 087	110,678	362,751	3,278	2,808
73	93	13 520	81,651	252,073	3,087	2,617
74	94	10 387	58,491	170,422	2,914	2,444
75	95	7 748	40,679	111,932	2,752	2,282
76	96	5 595	27,389	71,252	2,602	2,132
77	97	3 848	17,564	43,863	2,497	2,027
78	98	2 588	11,013	26,299	2,388	1,918
79	99	1 697	6,732	15,286	2,270	1,801
80	100	1 068	3,952	8,554	2,164	1,694

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 472	99 471,563	1 431 812,247	14,394	13,924
1	22	99 101	92 401,748	1 332 340,685	14,419	13,949
2	23	99 057	86 117,638	1 239 938,937	14,398	13,928
3	24	99 024	80 269,183	1 153 821,299	14,374	13,905
4	25	98 995	74 821,442	1 073 552,116	14,348	13,878
5	26	98 966	69 742,881	998 730,674	14,320	13,850
6	27	98 938	65 009,558	928 987,794	14,290	13,820
7	28	98 907	60 596,420	863 978,236	14,258	13,788
8	29	98 875	56 481,979	803 381,816	14,224	13,754
9	30	98 841	52 645,719	746 899,838	14,187	13,717
10	31	98 802	49 067,425	694 254,119	14,149	13,679
11	32	98 763	45 732,523	645 186,694	14,108	13,638
12	33	98 722	42 623,138	599 454,171	14,064	13,594
13	34	98 679	39 724,798	556 831,033	14,017	13,547
14	35	98 630	37 020,851	517 106,235	13,968	13,498
15	36	98 576	34 499,369	480 085,384	13,916	13,446
16	37	98 515	32 147,355	445 586,015	13,861	13,391
17	38	98 444	29 952,582	413 438,660	13,803	13,333
18	39	98 357	27 903,299	383 486,078	13,743	13,273
19	40	98 261	25 991,459	355 582,779	13,681	13,211
20	41	98 154	24 208,213	329 591,320	13,615	13,145
21	42	98 039	22 545,311	305 383,107	13,545	13,075
22	43	97 922	20 996,071	282 837,796	13,471	13,001
23	44	97 788	19 550,106	261 841,726	13,393	12,923
24	45	97 653	18 203,387	242 291,620	13,310	12,840
25	46	97 495	16 945,247	224 088,233	13,224	12,754
26	47	97 333	15 773,618	207 142,986	13,132	12,662
27	48	97 155	14 680,443	191 369,368	13,036	12,566
28	49	96 956	13 659,928	176 688,925	12,935	12,465
29	50	96 739	12 708,100	163 028,998	12,829	12,359
30	51	96 510	11 820,916	150 320,897	12,717	12,247
31	52	96 249	10 992,043	138 499,981	12,600	12,130
32	53	95 965	10 218,783	127 507,938	12,478	12,008
33	54	95 658	9 497,513	117 289,155	12,349	11,880
34	55	95 312	8 823,448	107 791,643	12,216	11,747
35	56	94 929	8 193,981	98 968,195	12,078	11,608
36	57	94 514	7 606,640	90 774,214	11,934	11,464
37	58	94 062	7 058,534	83 167,575	11,783	11,313
38	59	93 561	6 546,338	76 109,040	11,626	11,156
39	60	93 021	6 068,599	69 562,702	11,463	10,993
40	61	92 428	5 622,244	63 494,103	11,293	10,823
41	62	91 788	5 205,927	57 871,859	11,117	10,647
42	63	91 104	4 817,800	52 665,932	10,932	10,462
43	64	90 358	4 455,376	47 848,131	10,739	10,270
44	65	89 545	4 116,806	43 392,755	10,540	10,070
45	66	88 672	3 801,072	39 275,949	10,333	9,863
46	67	87 723	3 506,188	35 474,877	10,118	9,648
47	68	86 701	3 231,118	31 968,689	9,894	9,424
48	69	85 591	2 974,108	28 737,572	9,663	9,193
49	70	84 377	2 733,741	25 763,464	9,424	8,954
50	71	83 067	2 509,351	23 029,723	9,178	8,708
51	72	81 656	2 299,991	20 520,373	8,922	8,452
52	73	80 149	2 104,925	18 220,381	8,656	8,186
53	74	78 506	1 922,422	16 115,456	8,383	7,913
54	75	76 743	1 752,215	14 193,035	8,100	7,630
55	76	74 867	1 593,829	12 440,820	7,806	7,336
56	77	72 820	1 445,441	10 846,992	7,504	7,034
57	78	70 619	1 306,993	9 401,551	7,193	6,723
58	79	68 177	1 176,502	8 094,558	6,880	6,410
59	80	65 496	1 053,844	6 918,056	6,565	6,095
60	81	62 544	938,317	5 864,212	6,250	5,780
61	82	59 287	829,318	4 925,895	5,940	5,470
62	83	55 749	727,120	4 096,577	5,634	5,164
63	84	51 960	631,882	3 369,457	5,332	4,863
64	85	47 943	543,627	2 737,575	5,036	4,566
65	86	43 662	461,618	2 193,947	4,753	4,283
66	87	39 241	386,831	1 732,329	4,478	4,008
67	88	34 733	319,242	1 345,498	4,215	3,745
68	89	30 213	258,923	1 026,255	3,964	3,494
69	90	25 795	206,121	767,332	3,723	3,253
70	91	21 527	160,388	561,211	3,499	3,029
71	92	17 519	121,700	400,823	3,294	2,824
72	93	13 883	89,925	279,123	3,104	2,634
73	94	10 694	64,588	189,197	2,929	2,459
74	95	7 996	45,028	124,609	2,767	2,297
75	96	5 789	30,397	79,581	2,618	2,148
76	97	3 996	19,565	49,184	2,514	2,044
77	98	2 697	12,312	29,619	2,406	1,936
78	99	1 777	7,565	17,307	2,288	1,818
79	100	1 125	4,464	9,742	2,182	1,713

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	22	99 455	99 455,160	1 429 822,247	14,377	13,907
1	23	99 085	92 386,704	1 330 367,088	14,400	13,930
2	24	99 040	86 102,140	1 237 980,384	14,378	13,908
3	25	99 006	80 254,739	1 151 878,244	14,353	13,883
4	26	98 977	74 807,209	1 071 623,504	14,325	13,855
5	27	98 947	69 729,755	996 816,295	14,295	13,826
6	28	98 916	64 995,569	927 086,540	14,264	13,794
7	29	98 884	60 582,140	862 090,971	14,230	13,760
8	30	98 850	56 467,363	801 508,831	14,194	13,724
9	31	98 810	52 629,024	745 041,468	14,156	13,687
10	32	98 771	49 052,017	692 412,444	14,116	13,646
11	33	98 729	45 716,853	643 360,427	14,073	13,603
12	34	98 686	42 607,779	597 643,573	14,027	13,557
13	35	98 639	39 708,670	555 035,794	13,978	13,508
14	36	98 589	37 005,594	515 327,124	13,926	13,456
15	37	98 531	34 483,551	478 321,530	13,871	13,401
16	38	98 468	32 132,096	443 837,979	13,813	13,343
17	39	98 384	29 934,513	411 705,883	13,754	13,284
18	40	98 298	27 886,525	381 771,370	13,690	13,220
19	41	98 193	25 973,637	353 884,845	13,625	13,155
20	42	98 082	24 190,292	327 911,208	13,555	13,086
21	43	97 961	22 527,415	303 720,916	13,482	13,012
22	44	97 833	20 977,005	281 193,501	13,405	12,935
23	45	97 693	19 531,131	260 216,496	13,323	12,853
24	46	97 541	18 182,412	240 685,365	13,237	12,767
25	47	97 376	16 924,616	222 502,953	13,147	12,677
26	48	97 200	15 752,003	205 578,336	13,051	12,581
27	49	97 000	14 657,041	189 826,333	12,951	12,481
28	50	96 786	13 636,049	175 169,292	12,846	12,376
29	51	96 560	12 684,550	161 533,243	12,735	12,265
30	52	96 303	11 795,588	148 848,693	12,619	12,149
31	53	96 024	10 966,399	137 053,106	12,498	12,028
32	54	95 719	10 192,544	126 086,707	12,370	11,901
33	55	95 382	9 470,077	115 894,163	12,238	11,768
34	56	95 002	8 794,812	106 424,085	12,101	11,631
35	57	94 590	8 164,671	97 629,273	11,958	11,488
36	58	94 143	7 576,790	89 464,602	11,808	11,338
37	59	93 653	7 027,834	81 887,812	11,652	11,182
38	60	93 121	6 515,529	74 859,978	11,489	11,020
39	61	92 531	6 036,581	68 344,450	11,322	10,852
40	62	91 902	5 590,277	62 307,868	11,146	10,676
41	63	91 225	5 173,992	56 717,592	10,962	10,492
42	64	90 489	4 785,286	51 543,600	10,771	10,301
43	65	89 683	4 422,083	46 758,314	10,574	10,104
44	66	88 831	4 083,993	42 336,231	10,366	9,896
45	67	87 895	3 767,767	38 252,238	10,152	9,683
46	68	86 891	3 472,942	34 484,472	9,929	9,460
47	69	85 794	3 197,302	31 011,530	9,699	9,229
48	70	84 602	2 939,743	27 814,229	9,461	8,992
49	71	83 314	2 699,299	24 874,485	9,215	8,745
50	72	81 928	2 474,968	22 175,186	8,960	8,490
51	73	80 446	2 265,920	19 700,218	8,694	8,224
52	74	78 833	2 070,370	17 434,298	8,421	7,951
53	75	77 106	1 888,119	15 363,928	8,137	7,667
54	76	75 268	1 718,517	13 475,809	7,842	7,372
55	77	73 253	1 559,456	11 757,292	7,539	7,069
56	78	71 087	1 411,045	10 197,836	7,227	6,757
57	79	68 680	1 271,118	8 786,791	6,913	6,443
58	80	66 035	1 139,543	7 515,672	6,595	6,125
59	81	63 108	1 015,420	6 376,130	6,279	5,809
60	82	59 875	898,275	5 360,710	5,968	5,498
61	83	56 359	788,367	4 462,435	5,660	5,190
62	84	52 588	685,884	3 674,068	5,357	4,887
63	85	48 574	590,707	2 988,184	5,059	4,589
64	86	44 294	502,244	2 397,477	4,774	4,304
65	87	39 856	421,375	1 895,233	4,498	4,028
66	88	35 319	348,169	1 473,859	4,233	3,763
67	89	30 766	282,784	1 125,689	3,981	3,511
68	90	26 299	225,388	842,905	3,740	3,270
69	91	21 991	175,723	617,517	3,514	3,044
70	92	17 918	133,501	441,794	3,309	2,839
71	93	14 234	98,881	308,293	3,118	2,648
72	94	10 982	71,133	209,411	2,944	2,474
73	95	8 233	49,722	138,278	2,781	2,311
74	96	5 975	33,646	88,556	2,632	2,162
75	97	4 136	21,714	54,910	2,529	2,059
76	98	2 801	13,715	33,196	2,420	1,951
77	99	1 853	8,457	19,481	2,304	1,834
78	100	1 178	5,016	11,024	2,198	1,728

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 439	99 438,968	1 427 693,349	14,357	13,888
1	24	99 067	92 370,078	1 328 254,381	14,380	13,910
2	25	99 022	86 086,647	1 235 884,303	14,356	13,886
3	26	98 987	80 239,473	1 149 797,656	14,330	13,860
4	27	98 958	74 793,131	1 069 558,183	14,300	13,830
5	28	98 926	69 714,751	994 765,053	14,269	13,799
6	29	98 893	64 980,253	925 050,302	14,236	13,766
7	30	98 858	60 566,464	860 070,049	14,200	13,731
8	31	98 818	56 449,455	799 503,586	14,163	13,693
9	32	98 779	52 612,498	743 054,130	14,123	13,653
10	33	98 737	49 035,211	690 441,632	14,081	13,611
11	34	98 694	45 700,380	641 406,421	14,035	13,565
12	35	98 646	42 590,481	595 706,041	13,987	13,517
13	36	98 599	39 692,305	553 115,560	13,935	13,465
14	37	98 544	36 988,627	513 423,255	13,881	13,411
15	38	98 484	34 467,183	476 434,629	13,823	13,353
16	39	98 409	32 112,712	441 967,446	13,763	13,293
17	40	98 325	29 916,518	409 854,733	13,700	13,230
18	41	98 231	27 867,404	379 938,215	13,634	13,164
19	42	98 121	25 954,410	352 070,812	13,565	13,095
20	43	98 004	24 171,091	326 116,402	13,492	13,022
21	44	97 872	22 506,959	301 945,311	13,416	12,946
22	45	97 738	20 956,645	279 438,352	13,334	12,864
23	46	97 581	19 508,626	258 481,707	13,250	12,780
24	47	97 422	18 160,275	238 973,081	13,159	12,689
25	48	97 242	16 901,425	220 812,806	13,065	12,595
26	49	97 045	15 726,893	203 911,382	12,966	12,496
27	50	96 831	14 631,420	188 184,488	12,862	12,392
28	51	96 607	13 610,779	173 553,068	12,751	12,281
29	52	96 353	12 657,371	159 942,289	12,636	12,166
30	53	96 078	11 768,069	147 284,919	12,516	12,046
31	54	95 778	10 938,240	135 516,850	12,389	11,919
32	55	95 442	10 163,101	124 578,609	12,258	11,788
33	56	95 072	9 439,343	114 415,508	12,121	11,651
34	57	94 663	8 763,353	104 976,166	11,979	11,509
35	58	94 219	8 132,632	96 212,812	11,830	11,361
36	59	93 734	7 543,835	88 080,181	11,676	11,206
37	60	93 212	6 994,758	80 536,345	11,514	11,044
38	61	92 630	6 481,153	73 541,587	11,347	10,877
39	62	92 005	6 002,258	67 060,434	11,173	10,703
40	63	91 338	5 555,983	61 058,176	10,990	10,520
41	64	90 610	5 139,073	55 502,192	10,800	10,330
42	65	89 813	4 749,527	50 363,119	10,604	10,134
43	66	88 968	4 386,837	45 613,592	10,398	9,928
44	67	88 053	4 048,208	41 226,755	10,184	9,714
45	68	87 061	3 732,040	37 178,547	9,962	9,492
46	69	85 981	3 436,595	33 446,507	9,732	9,263
47	70	84 803	3 160,358	30 009,912	9,496	9,026
48	71	83 536	2 902,706	26 849,554	9,250	8,780
49	72	82 173	2 662,314	23 946,848	8,995	8,525
50	73	80 715	2 438,305	21 284,534	8,729	8,259
51	74	79 126	2 228,722	18 846,229	8,456	7,986
52	75	77 426	2 033,428	16 617,507	8,172	7,702
53	76	75 623	1 851,808	14 584,079	7,876	7,406
54	77	73 644	1 681,456	12 732,271	7,572	7,102
55	78	71 510	1 522,347	11 050,815	7,259	6,789
56	79	69 136	1 372,314	9 528,468	6,943	6,473
57	80	66 523	1 231,187	8 156,154	6,625	6,155
58	81	63 627	1 097,993	6 924,967	6,307	5,837
59	82	60 415	972,088	5 826,974	5,994	5,524
60	83	56 919	853,919	4 854,886	5,685	5,216
61	84	53 163	743,658	4 000,967	5,380	4,910
62	85	49 161	641,190	3 257,309	5,080	4,610
63	86	44 876	545,739	2 616,120	4,794	4,324
64	87	40 432	458,458	2 070,380	4,516	4,046
65	88	35 873	379,260	1 611,922	4,250	3,780
66	89	31 286	308,408	1 232,662	3,997	3,527
67	90	26 781	246,159	924,254	3,755	3,285
68	91	22 421	192,149	678,096	3,529	3,059
69	92	18 304	146,266	485,947	3,322	2,852
70	93	14 559	108,469	339,681	3,132	2,662
71	94	11 259	78,218	231,211	2,956	2,486
72	95	8 454	54,761	152,994	2,794	2,324
73	96	6 152	37,154	98,233	2,644	2,174
74	97	4 268	24,035	61,079	2,541	2,071
75	98	2 899	15,221	37,044	2,434	1,964
76	99	1 924	9,420	21,823	2,317	1,847
77	100	1 228	5,607	12,403	2,212	1,742

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 421	99 421,072	1 425 415,296	14,337	13,867
1	25	99 049	92 353,457	1 325 994,224	14,358	13,888
2	26	99 003	86 070,271	1 233 640,767	14,333	13,863
3	27	98 969	80 224,372	1 147 570,496	14,305	13,835
4	28	98 937	74 777,036	1 067 346,124	14,274	13,804
5	29	98 903	69 698,323	992 569,088	14,241	13,771
6	30	98 867	64 963,438	922 870,765	14,206	13,736
7	31	98 827	60 547,256	857 907,327	14,169	13,699
8	32	98 787	56 431,730	797 360,070	14,130	13,660
9	33	98 745	52 594,472	740 928,340	14,088	13,618
10	34	98 702	49 017,542	688 333,868	14,043	13,573
11	35	98 654	45 681,826	639 316,327	13,995	13,525
12	36	98 605	42 572,928	593 634,501	13,944	13,474
13	37	98 554	39 674,106	551 061,573	13,890	13,420
14	38	98 497	36 971,069	511 387,467	13,832	13,362
15	39	98 425	34 446,391	474 416,397	13,773	13,303
16	40	98 350	32 093,408	439 970,006	13,709	13,239
17	41	98 258	29 896,004	407 876,599	13,643	13,173
18	42	98 158	27 846,774	377 980,594	13,574	13,104
19	43	98 043	25 933,808	350 133,820	13,501	13,031
20	44	97 915	24 149,142	324 200,012	13,425	12,955
21	45	97 777	22 485,114	300 050,870	13,344	12,875
22	46	97 625	20 932,498	277 565,756	13,260	12,790
23	47	97 462	19 484,874	256 633,257	13,171	12,701
24	48	97 289	18 135,390	237 148,383	13,077	12,607
25	49	97 087	16 874,483	219 012,993	12,979	12,509
26	50	96 875	15 699,402	202 138,511	12,876	12,406
27	51	96 651	14 604,305	186 439,109	12,766	12,296
28	52	96 400	13 581,615	171 834,804	12,652	12,182
29	53	96 128	12 627,841	158 253,189	12,532	12,062
30	54	95 831	11 737,852	145 625,348	12,406	11,937
31	55	95 501	10 906,643	133 887,495	12,276	11,806
32	56	95 132	10 130,117	122 980,852	12,140	11,670
33	57	94 732	9 405,578	112 850,735	11,998	11,528
34	58	94 291	8 728,965	103 445,156	11,851	11,381
35	59	93 809	8 097,260	94 716,191	11,697	11,227
36	60	93 292	7 508,331	86 618,932	11,536	11,066
37	61	92 720	6 957,854	79 110,600	11,370	10,900
38	62	92 103	6 444,302	72 152,746	11,196	10,726
39	63	91 440	5 965,437	65 708,444	11,015	10,545
40	64	90 722	5 518,487	59 743,006	10,826	10,356
41	65	89 932	5 100,671	54 224,520	10,631	10,161
42	66	89 097	4 711,671	49 123,849	10,426	9,956
43	67	88 189	4 348,399	44 412,178	10,213	9,744
44	68	87 218	4 009,822	40 063,779	9,991	9,522
45	69	86 150	3 692,982	36 053,957	9,763	9,293
46	70	84 988	3 396,886	32 360,975	9,527	9,057
47	71	83 734	3 120,541	28 964,089	9,282	8,812
48	72	82 391	2 862,934	25 843,547	9,027	8,557
49	73	80 955	2 622,875	22 980,614	8,762	8,292
50	74	79 390	2 398,277	20 357,738	8,488	8,019
51	75	77 714	2 188,955	17 959,461	8,205	7,735
52	76	75 937	1 994,322	15 770,506	7,908	7,438
53	77	73 992	1 811,872	13 776,184	7,603	7,133
54	78	71 892	1 641,443	11 964,311	7,289	6,819
55	79	69 547	1 480,561	10 322,868	6,972	6,502
56	80	66 964	1 329,204	8 842,307	6,652	6,182
57	81	64 097	1 186,296	7 513,103	6,333	5,863
58	82	60 912	1 051,138	6 326,807	6,019	5,549
59	83	57 432	924,087	5 275,670	5,709	5,239
60	84	53 691	805,492	4 351,583	5,402	4,932
61	85	49 699	695,199	3 546,091	5,101	4,631
62	86	45 418	592,379	2 850,892	4,813	4,343
63	87	40 964	498,162	2 258,513	4,534	4,064
64	88	36 391	412,638	1 760,351	4,266	3,796
65	89	31 776	335,948	1 347,713	4,012	3,542
66	90	27 234	268,463	1 011,766	3,769	3,299
67	91	22 832	209,856	743,302	3,542	3,072
68	92	18 662	159,938	533,446	3,335	2,865
69	93	14 872	118,841	373,508	3,143	2,673
70	94	11 516	85,802	254,667	2,968	2,498
71	95	8 668	60,215	168,865	2,804	2,334
72	96	6 317	40,919	108,650	2,655	2,185
73	97	4 395	26,541	67,732	2,552	2,082
74	98	2 992	16,848	41,191	2,445	1,975
75	99	1 991	10,455	24,343	2,328	1,858
76	100	1 276	6,246	13,888	2,224	1,754

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 403	99 403,183	1 422 979,170	14,315	13,845
1	26	99 030	92 335,889	1 323 575,988	14,334	13,864
2	27	98 984	86 054,073	1 231 240,099	14,308	13,838
3	28	98 947	80 207,109	1 145 186,026	14,278	13,808
4	29	98 913	74 759,416	1 064 978,917	14,245	13,776
5	30	98 877	69 680,287	990 219,501	14,211	13,741
6	31	98 836	64 942,836	920 539,214	14,175	13,705
7	32	98 796	60 528,245	855 596,378	14,135	13,666
8	33	98 754	56 412,395	795 068,133	14,094	13,624
9	34	98 710	52 575,520	738 655,738	14,049	13,580
10	35	98 662	48 997,641	686 080,218	14,002	13,532
11	36	98 613	45 662,999	637 082,577	13,952	13,482
12	37	98 560	42 553,408	591 419,578	13,898	13,428
13	38	98 507	39 655,274	548 866,169	13,841	13,371
14	39	98 438	36 948,767	509 210,895	13,782	13,312
15	40	98 365	34 425,683	472 262,129	13,718	13,248
16	41	98 282	32 071,401	437 836,445	13,652	13,182
17	42	98 185	29 873,874	405 765,044	13,583	13,113
18	43	98 080	27 824,671	375 891,170	13,509	13,039
19	44	97 954	25 910,258	348 066,499	13,434	12,964
20	45	97 820	24 125,703	322 156,241	13,353	12,883
21	46	97 665	22 459,206	298 030,538	13,270	12,800
22	47	97 506	20 907,013	275 571,332	13,181	12,711
23	48	97 328	19 458,174	254 664,319	13,088	12,618
24	49	97 134	18 106,481	235 206,145	12,990	12,520
25	50	96 918	16 844,985	217 099,664	12,888	12,418
26	51	96 696	15 670,308	200 254,679	12,779	12,309
27	52	96 444	14 573,012	184 584,371	12,666	12,196
28	53	96 175	13 549,930	170 011,359	12,547	12,077
29	54	95 881	12 595,417	156 461,429	12,422	11,952
30	55	95 555	11 703,945	143 866,012	12,292	11,822
31	56	95 191	10 871,246	132 162,067	12,157	11,687
32	57	94 792	10 093,882	121 290,821	12,016	11,546
33	58	94 360	9 368,670	111 196,938	11,869	11,399
34	59	93 881	8 690,999	101 828,268	11,717	11,247
35	60	93 367	8 059,151	93 137,269	11,557	11,087
36	61	92 800	7 468,718	85 078,118	11,391	10,921
37	62	92 193	6 918,293	77 609,401	11,218	10,748
38	63	91 538	6 404,770	70 691,108	11,037	10,567
39	64	90 823	5 925,177	64 286,338	10,850	10,380
40	65	90 044	5 477,249	58 361,161	10,655	10,185
41	66	89 216	5 060,016	52 883,912	10,451	9,981
42	67	88 316	4 670,387	47 823,896	10,240	9,770
43	68	87 353	4 307,166	43 153,509	10,019	9,549
44	69	86 305	3 967,857	38 846,343	9,790	9,320
45	70	85 155	3 650,311	34 878,486	9,555	9,085
46	71	83 917	3 354,090	31 228,175	9,310	8,841
47	72	82 587	3 077,785	27 874,085	9,057	8,587
48	73	81 171	2 820,524	24 796,301	8,791	8,321
49	74	79 626	2 579,818	21 975,777	8,518	8,048
50	75	77 973	2 355,484	19 395,960	8,234	7,764
51	76	76 219	2 146,858	17 040,475	7,937	7,468
52	77	74 300	1 951,313	14 893,617	7,633	7,163
53	78	72 231	1 768,756	12 942,304	7,317	6,847
54	79	69 919	1 596,389	11 173,548	6,999	6,529
55	80	67 362	1 434,050	9 577,159	6,678	6,209
56	81	64 522	1 280,739	8 143,109	6,358	5,888
57	82	61 362	1 135,672	6 862,370	6,043	5,573
58	83	57 904	999,233	5 726,698	5,731	5,261
59	84	54 175	871,681	4 727,464	5,423	4,953
60	85	50 192	753,004	3 855,784	5,121	4,651
61	86	45 915	642,277	3 102,780	4,831	4,361
62	87	41 459	540,736	2 460,503	4,550	4,080
63	88	36 870	448,373	1 919,767	4,282	3,812
64	89	32 235	365,514	1 471,395	4,026	3,556
65	90	27 660	292,437	1 105,881	3,782	3,312
66	91	23 217	228,871	813,444	3,554	3,084
67	92	19 004	174,677	584,573	3,347	2,877
68	93	15 163	129,949	409,896	3,154	2,684
69	94	11 764	94,006	279,947	2,978	2,508
70	95	8 866	66,053	185,941	2,815	2,345
71	96	6 477	44,994	119,887	2,665	2,195
72	97	4 513	29,230	74,893	2,562	2,092
73	98	3 080	18,604	45,663	2,454	1,985
74	99	2 055	11,573	27,059	2,338	1,868
75	100	1 320	6,932	15,486	2,234	1,764

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1	0	99 644	92 907,947	1 354 038,051	14,574	14,104
2	1	99 317	86 343,238	1 261 130,103	14,606	14,136
3	2	99 277	80 473,990	1 174 786,865	14,598	14,128
4	3	99 254	75 016,529	1 094 312,874	14,588	14,118
5	4	99 233	69 930,818	1 019 296,345	14,576	14,106
6	5	99 213	65 190,771	949 365,527	14,563	14,093
7	6	99 195	60 772,996	884 174,756	14,549	14,079
8	7	99 178	56 654,905	823 401,760	14,534	14,064
9	8	99 165	52 818,115	766 746,855	14,517	14,047
10	9	99 150	49 240,288	713 928,740	14,499	14,029
11	10	99 136	45 905,244	664 688,452	14,480	14,010
12	11	99 123	42 796,276	618 783,208	14,459	13,989
13	12	99 108	39 897,455	575 986,932	14,437	13,967
14	13	99 091	37 193,937	536 089,477	14,413	13,943
15	14	99 068	34 671,690	498 895,540	14,389	13,919
16	15	99 043	32 319,767	464 223,850	14,363	13,894
17	16	99 007	30 123,858	431 904,083	14,338	13,868
18	17	98 965	28 075,662	401 780,224	14,311	13,841
19	18	98 914	26 164,179	373 704,563	14,283	13,813
20	19	98 855	24 380,999	347 540,383	14,255	13,785
21	20	98 795	22 719,078	323 159,384	14,224	13,754
22	21	98 736	21 170,790	300 440,306	14,191	13,721
23	22	98 675	19 727,456	279 269,516	14,156	13,686
24	23	98 619	18 383,372	259 542,060	14,118	13,648
25	24	98 554	17 129,450	241 158,689	14,079	13,609
26	25	98 493	15 961,648	224 029,238	14,035	13,566
27	26	98 430	14 872,997	208 067,590	13,990	13,520
28	27	98 366	13 858,583	193 194,593	13,940	13,471
29	28	98 297	12 912,712	179 336,010	13,888	13,418
30	29	98 222	12 030,708	166 423,298	13,833	13,363
31	30	98 142	11 208,245	154 392,590	13,775	13,305
32	31	98 050	10 440,830	143 184,345	13,714	13,244
33	32	97 957	9 725,812	132 743,515	13,649	13,179
34	33	97 852	9 058,617	123 017,703	13,580	13,110
35	34	97 742	8 436,722	113 959,086	13,508	13,038
36	35	97 623	7 856,905	105 522,365	13,431	12,961
37	36	97 499	7 316,473	97 665,459	13,349	12,879
38	37	97 359	6 812,077	90 348,987	13,263	12,793
39	38	97 209	6 341,794	83 536,910	13,172	12,703
40	39	97 042	5 902,944	77 195,116	13,077	12,607
41	40	96 864	5 493,794	71 292,171	12,977	12,507
42	41	96 668	5 112,079	65 798,377	12,871	12,401
43	42	96 458	4 756,116	60 686,299	12,760	12,290
44	43	96 233	4 424,264	55 930,183	12,642	12,172
45	44	95 972	4 114,032	51 505,918	12,520	12,050
46	45	95 691	3 824,698	47 391,886	12,391	11,921
47	46	95 373	3 554,281	43 567,189	12,258	11,788
48	47	95 031	3 302,142	40 012,908	12,117	11,647
49	48	94 649	3 066,536	36 710,766	11,971	11,502
50	49	94 217	2 846,202	33 644,230	11,821	11,351
51	50	93 740	2 640,356	30 798,028	11,664	11,194
52	51	93 220	2 448,211	28 157,672	11,501	11,031
53	52	92 635	2 268,391	25 709,462	11,334	10,864
54	53	91 985	2 100,203	23 441,071	11,161	10,691
55	54	91 261	1 942,820	21 340,867	10,984	10,515
56	55	90 459	1 795,575	19 398,047	10,803	10,333
57	56	89 572	1 657,769	17 602,473	10,618	10,148
58	57	88 597	1 528,883	15 944,704	10,429	9,959
59	58	87 529	1 408,357	14 415,820	10,236	9,766
60	59	86 370	1 295,757	13 007,463	10,039	9,569
61	60	85 118	1 190,657	11 711,706	9,836	9,366
62	61	83 753	1 092,362	10 521,049	9,631	9,162
63	62	82 282	1 000,635	9 428,687	9,423	8,953
64	63	80 716	915,236	8 428,052	9,209	8,739
65	64	79 029	835,527	7 512,816	8,992	8,522
66	65	77 229	761,300	6 677,290	8,771	8,301
67	66	75 341	692,486	5 915,989	8,543	8,073
68	67	73 337	628,499	5 223,503	8,311	7,841
69	68	71 248	569,323	4 595,004	8,071	7,601
70	69	69 015	514,199	4 025,681	7,829	7,359
71	70	66 696	463,330	3 511,482	7,579	7,109
72	71	64 233	416,057	3 048,152	7,326	6,856
73	72	61 694	372,598	2 632,095	7,064	6,594
74	73	59 033	332,425	2 259,497	6,797	6,327
75	74	56 259	295,389	1 927,072	6,524	6,054
76	75	53 397	261,411	1 631,683	6,242	5,772
77	76	50 424	230,166	1 370,272	5,953	5,483
78	77	47 328	201,434	1 140,106	5,660	5,190
79	78	44 101	175,011	938,672	5,363	4,894
80	79	40 726	150,692	763,660	5,068	4,598
81	80	37 221	128,413	612,968	4,773	4,304
82	81	33 550	107,922	484,555	4,490	4,020
83	82	29 784	89,333	376,633	4,216	3,746
84	83	26 007	72,731	287,300	3,950	3,480
85	84	22 275	58,084	214,569	3,694	3,224
86	85	18 644	45,329	156,485	3,452	2,982
87	86	15 197	34,451	111,156	3,227	2,757
88	87	12 040	25,448	76,705	3,014	2,544
89	88	9 225	18,181	51,257	2,819	2,349
90	89	6 822	12,536	33,076	2,638	2,169
91	90	4 860	8,328	20,540	2,466	1,997
92	91	3 319	5,302	12,212	2,303	1,834
93	92	2 140	3,187	6,911	2,168	1,698
94	93	1 315	1,827	3,723	2,038	1,568
95	94	760	0,984	1,896	1,928	1,458
96	95	415	0,501	0,913	1,821	1,351
97	96	210	0,237	0,412	1,739	1,269
98	97	100	0,105	0,175	1,673	1,203
99	98	45	0,044	0,070	1,611	1,141
100	99	19	0,017	0,027	1,549	1,079

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 616	86 603,512	1 261 774,656	14,570	14,100
3	1	99 301	80 493,948	1 175 171,144	14,599	14,130
4	2	99 266	75 025,850	1 094 677,196	14,591	14,121
5	3	99 243	69 938,030	1 019 651,347	14,579	14,109
6	4	99 223	65 197,010	949 713,316	14,567	14,097
7	5	99 204	60 778,410	884 516,307	14,553	14,083
8	6	99 187	56 659,917	823 737,897	14,538	14,068
9	7	99 170	52 820,569	767 077,980	14,522	14,052
10	8	99 157	49 243,719	714 257,411	14,505	14,035
11	9	99 142	45 908,052	665 013,691	14,486	14,016
12	10	99 129	42 798,780	619 105,639	14,465	13,996
13	11	99 116	39 900,541	576 306,859	14,444	13,974
14	12	99 099	37 196,858	536 406,319	14,421	13,951
15	13	99 078	34 674,957	499 209,461	14,397	13,927
16	14	99 052	32 322,748	464 534,504	14,372	13,902
17	15	99 019	30 127,524	432 211,757	14,346	13,876
18	16	98 980	28 079,796	402 084,233	14,319	13,849
19	17	98 927	26 167,742	374 004,437	14,293	13,823
20	18	98 874	24 385,804	347 836,694	14,264	13,794
21	19	98 812	22 723,050	323 450,890	14,234	13,765
22	20	98 755	21 174,705	300 727,841	14,202	13,732
23	21	98 692	19 730,709	279 553,136	14,168	13,699
24	22	98 635	18 386,365	259 822,426	14,131	13,661
25	23	98 572	17 132,533	241 436,061	14,092	13,622
26	24	98 511	15 964,521	224 303,528	14,050	13,580
27	25	98 448	14 875,827	208 339,007	14,005	13,535
28	26	98 384	13 861,192	193 463,180	13,957	13,487
29	27	98 318	12 915,491	179 601,988	13,906	13,436
30	28	98 245	12 033,544	166 686,497	13,852	13,382
31	29	98 167	11 211,146	154 652,954	13,795	13,325
32	30	98 081	10 444,142	143 441,808	13,734	13,264
33	31	97 988	9 728,867	132 997,666	13,670	13,201
34	32	97 886	9 061,721	123 268,799	13,603	13,133
35	33	97 777	8 439,763	114 207,077	13,532	13,062
36	34	97 663	7 860,096	105 767,314	13,456	12,986
37	35	97 540	7 319,489	97 907,218	13,376	12,906
38	36	97 404	6 815,202	90 587,729	13,292	12,822
39	37	97 255	6 344,806	83 772,527	13,203	12,733
40	38	97 101	5 906,508	77 427,721	13,109	12,639
41	39	96 922	5 497,098	71 521,214	13,011	12,541
42	40	96 735	5 115,586	66 024,115	12,906	12,437
43	41	96 529	4 759,639	60 908,529	12,797	12,327
44	42	96 309	4 427,779	56 148,889	12,681	12,211
45	43	96 060	4 117,771	51 721,111	12,560	12,091
46	44	95 784	3 828,414	47 603,339	12,434	11,964
47	45	95 483	3 558,381	43 774,926	12,302	11,832
48	46	95 147	3 306,167	40 216,545	12,164	11,694
49	47	94 779	3 070,744	36 910,378	12,020	11,550
50	48	94 368	2 850,746	33 839,634	11,870	11,401
51	49	93 904	2 644,979	30 988,888	11,716	11,246
52	50	93 393	2 452,756	28 343,909	11,556	11,086
53	51	92 834	2 273,262	25 891,152	11,389	10,920
54	52	92 200	2 105,115	23 617,891	11,219	10,749
55	53	91 496	1 947,821	21 512,776	11,045	10,575
56	54	90 721	1 800,776	19 564,955	10,865	10,395
57	55	89 863	1 663,167	17 764,178	10,681	10,211
58	56	88 915	1 534,372	16 101,011	10,494	10,024
59	57	87 874	1 413,905	14 566,639	10,302	9,833
60	58	86 747	1 301,417	13 152,734	10,106	9,637
61	59	85 521	1 196,287	11 851,317	9,907	9,437
62	60	84 197	1 098,156	10 655,030	9,703	9,233
63	61	82 753	1 006,357	9 556,874	9,497	9,027
64	62	81 214	920,885	8 550,516	9,285	8,815
65	63	79 566	841,204	7 629,632	9,070	8,600
66	64	77 810	767,032	6 788,428	8,850	8,380
67	65	75 946	698,050	6 021,396	8,626	8,156
68	66	73 985	634,055	5 323,346	8,396	7,926
69	67	71 930	574,773	4 689,291	8,159	7,689
70	68	69 745	519,637	4 114,518	7,918	7,448
71	69	67 476	468,747	3 594,881	7,669	7,199
72	70	65 053	421,365	3 126,134	7,419	6,949
73	71	62 551	377,774	2 704,769	7,160	6,690
74	72	59 921	337,424	2 326,995	6,896	6,426
75	73	57 198	300,319	1 989,571	6,625	6,155
76	74	54 367	266,161	1 689,252	6,347	5,877
77	75	51 412	234,680	1 423,092	6,064	5,594
78	76	48 372	205,874	1 188,412	5,773	5,303
79	77	45 176	179,277	982,538	5,481	5,011
80	78	41 876	154,945	803,261	5,184	4,714
81	79	38 428	132,578	648,316	4,890	4,420
82	80	34 819	112,006	515,738	4,605	4,135
83	81	31 112	93,316	403,732	4,327	3,857
84	82	27 358	76,509	310,416	4,057	3,587
85	83	23 615	61,576	233,907	3,799	3,329
86	84	19 944	48,488	172,331	3,554	3,084
87	85	16 450	37,290	123,843	3,321	2,851
88	86	13 190	27,879	86,554	3,105	2,635
89	87	10 249	20,199	58,675	2,905	2,435
90	88	7 702	14,153	38,475	2,719	2,249
91	89	5 584	9,567	24,323	2,542	2,073
92	90	3 893	6,219	14,756	2,373	1,903
93	91	2 571	3,829	8,537	2,229	1,760
94	92	1 619	2,248	4,708	2,094	1,624
95	93	960	1,243	2,459	1,978	1,508
96	94	539	0,651	1,216	1,868	1,398
97	95	281	0,317	0,565	1,784	1,314
98	96	139	0,146	0,248	1,696	1,226
99	97	64	0,062	0,102	1,636	1,166
100	98	27	0,025	0,040	1,578	1,108

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3	0	99 601	80 736,589	1 175 765,198	14,563	14,093
4	1	99 291	75 044,456	1 095 028,609	14,592	14,122
5	2	99 255	69 946,720	1 019 984,153	14,582	14,112
6	3	99 233	65 203,734	950 037,433	14,570	14,100
7	4	99 214	60 784,226	884 833,699	14,557	14,087
8	5	99 196	56 664,965	824 049,473	14,542	14,073
9	6	99 178	52 825,242	767 384,508	14,527	14,057
10	7	99 162	49 246,007	714 559,267	14,510	14,040
11	8	99 149	45 911,252	665 313,260	14,491	14,021
12	9	99 135	42 801,398	619 402,008	14,472	14,002
13	10	99 122	39 902,875	576 600,610	14,450	13,980
14	11	99 106	37 199,734	536 697,735	14,427	13,958
15	12	99 085	34 677,680	499 498,001	14,404	13,934
16	13	99 062	32 325,793	464 820,321	14,379	13,909
17	14	99 028	30 130,302	432 494,528	14,354	13,884
18	15	98 992	28 083,213	402 364,226	14,328	13,858
19	16	98 942	26 171,596	374 281,013	14,301	13,831
20	17	98 888	24 389,125	348 109,417	14,273	13,803
21	18	98 832	22 727,527	323 720,292	14,244	13,774
22	19	98 772	21 178,407	300 992,765	14,212	13,742
23	20	98 710	19 734,358	279 814,358	14,179	13,709
24	21	98 651	18 389,397	260 080,000	14,143	13,673
25	22	98 588	17 135,323	241 690,603	14,105	13,635
26	23	98 529	15 967,395	224 555,280	14,063	13,593
27	24	98 466	14 878,504	208 587,885	14,019	13,550
28	25	98 403	13 863,829	193 709,381	13,972	13,502
29	26	98 336	12 917,922	179 845,552	13,922	13,452
30	27	98 267	12 036,134	166 927,630	13,869	13,399
31	28	98 190	11 213,788	154 891,496	13,813	13,343
32	29	98 107	10 446,845	143 677,708	13,753	13,283
33	30	98 019	9 731,954	133 230,863	13,690	13,220
34	31	97 916	9 064,568	123 498,909	13,624	13,154
35	32	97 810	8 442,656	114 434,341	13,554	13,084
36	33	97 698	7 862,930	105 991,686	13,480	13,010
37	34	97 579	7 322,462	98 128,756	13,401	12,931
38	35	97 444	6 818,012	90 806,294	13,319	12,849
39	36	97 300	6 347,716	83 988,282	13,231	12,761
40	37	97 147	5 909,312	77 640,566	13,139	12,669
41	38	96 981	5 500,417	71 731,254	13,041	12,571
42	39	96 793	5 118,663	66 230,837	12,939	12,469
43	40	96 595	4 762,905	61 112,174	12,831	12,361
44	41	96 380	4 431,059	56 349,268	12,717	12,247
45	42	96 136	4 121,042	51 918,209	12,598	12,128
46	43	95 871	3 831,893	47 797,167	12,474	12,004
47	44	95 576	3 561,838	43 965,274	12,343	11,874
48	45	95 257	3 309,981	40 403,436	12,207	11,737
49	46	94 894	3 074,487	37 093,455	12,065	11,595
50	47	94 497	2 854,658	34 018,968	11,917	11,447
51	48	94 054	2 649,202	31 164,310	11,764	11,294
52	49	93 556	2 457,051	28 515,108	11,605	11,136
53	50	93 006	2 277,483	26 058,057	11,442	10,972
54	51	92 398	2 109,635	23 780,574	11,272	10,802
55	52	91 710	1 952,376	21 670,939	11,100	10,630
56	53	90 955	1 805,412	19 718,563	10,922	10,452
57	54	90 124	1 667,985	17 913,151	10,739	10,269
58	55	89 204	1 539,368	16 245,166	10,553	10,083
59	56	88 190	1 418,981	14 705,798	10,364	9,894
60	57	87 089	1 306,544	13 286,817	10,169	9,700
61	58	85 894	1 201,513	11 980,273	9,971	9,501
62	59	84 595	1 103,349	10 778,760	9,769	9,299
63	60	83 192	1 011,695	9 675,411	9,564	9,094
64	61	81 679	926,151	8 663,716	9,355	8,885
65	62	80 057	846,396	7 737,565	9,142	8,672
66	63	78 339	772,244	6 891,169	8,924	8,454
67	64	76 518	703,305	6 118,925	8,700	8,230
68	65	74 579	639,149	5 415,620	8,473	8,003
69	66	72 566	579,854	4 776,471	8,237	7,767
70	67	70 412	524,612	4 196,617	7,999	7,530
71	68	68 189	473,704	3 672,005	7,752	7,282
72	69	65 813	426,291	3 198,301	7,503	7,033
73	70	63 349	382,594	2 772,010	7,245	6,775
74	71	60 753	342,111	2 389,416	6,984	6,514
75	72	58 058	304,834	2 047,304	6,716	6,246
76	73	55 275	270,603	1 742,470	6,439	5,969
77	74	52 346	238,943	1 471,867	6,160	5,690
78	75	49 320	209,911	1 232,924	5,874	5,404
79	76	46 172	183,229	1 023,013	5,583	5,113
80	77	42 896	158,722	839,785	5,291	4,821
81	78	39 513	136,320	681,062	4,996	4,526
82	79	35 949	115,639	544,743	4,711	4,241
83	80	32 289	96,847	429,104	4,431	3,961
84	81	28 578	79,919	332,257	4,157	3,688
85	82	24 841	64,775	252,338	3,896	3,426
86	83	21 143	51,403	187,563	3,649	3,179
87	84	17 596	39,889	136,160	3,413	2,944
88	85	14 276	30,176	96,271	3,190	2,720
89	86	11 228	22,129	66,095	2,987	2,517
90	87	8 557	15,724	43,967	2,796	2,326
91	88	6 304	10,800	28,242	2,615	2,145
92	89	4 472	7,144	17,442	2,441	1,972
93	90	3 015	4,492	10,298	2,293	1,823
94	91	1 945	2,701	5,806	2,150	1,680
95	92	1 182	1,530	3,105	2,029	1,559
96	93	682	0,823	1,575	1,913	1,443
97	94	365	0,411	0,752	1,828	1,358
98	95	187	0,196	0,340	1,738	1,268
99	96	89	0,087	0,145	1,657	1,187
100	97	39	0,036	0,057	1,601	1,131

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4	0	99 590	75 270,670	1 095 576,035	14,555	14,085
5	1	99 280	69 964,066	1 020 305,365	14,583	14,113
6	2	99 245	65 211,835	950 341,298	14,573	14,103
7	3	99 224	60 790,495	885 129,464	14,560	14,090
8	4	99 205	56 670,387	824 338,968	14,546	14,076
9	5	99 187	52 829,948	767 668,581	14,531	14,061
10	6	99 170	49 250,364	714 838,633	14,514	14,044
11	7	99 154	45 913,385	665 588,269	14,497	14,027
12	8	99 142	42 804,381	619 674,885	14,477	14,007
13	9	99 128	39 905,316	576 870,504	14,456	13,986
14	10	99 112	37 201,910	536 965,188	14,434	13,964
15	11	99 093	34 680,361	499 763,277	14,411	13,941
16	12	99 070	32 328,332	465 082,916	14,386	13,916
17	13	99 037	30 133,141	432 754,584	14,361	13,892
18	14	99 001	28 085,803	402 621,443	14,335	13,866
19	15	98 954	26 174,781	374 535,641	14,309	13,839
20	16	98 902	24 392,717	348 360,860	14,281	13,811
21	17	98 845	22 730,623	323 968,143	14,252	13,783
22	18	98 791	21 182,580	301 237,521	14,221	13,751
23	19	98 727	19 737,808	280 054,941	14,189	13,719
24	20	98 670	18 392,798	260 317,133	14,153	13,683
25	21	98 604	17 138,149	241 924,335	14,116	13,646
26	22	98 545	15 969,995	224 786,186	14,076	13,606
27	23	98 484	14 881,182	208 816,191	14,032	13,562
28	24	98 421	13 866,324	193 935,009	13,986	13,516
29	25	98 355	12 920,380	180 068,685	13,937	13,467
30	26	98 285	12 038,399	167 148,305	13,885	13,415
31	27	98 211	11 216,202	155 109,906	13,829	13,359
32	28	98 130	10 449,307	143 893,704	13,771	13,301
33	29	98 045	9 734,473	133 444,397	13,708	13,239
34	30	97 947	9 067,443	123 709,924	13,643	13,173
35	31	97 841	8 445,307	114 642,481	13,575	13,105
36	32	97 732	7 865,625	106 197,174	13,501	13,032
37	33	97 614	7 325,102	98 331,549	13,424	12,954
38	34	97 484	6 820,781	91 006,447	13,343	12,873
39	35	97 340	6 350,333	84 185,666	13,257	12,787
40	36	97 191	5 912,023	77 835,333	13,166	12,696
41	37	97 027	5 503,029	71 923,310	13,070	12,600
42	38	96 851	5 121,753	66 420,281	12,968	12,498
43	39	96 653	4 765,770	61 298,528	12,862	12,392
44	40	96 447	4 434,099	56 532,758	12,750	12,280
45	41	96 207	4 124,095	52 098,658	12,633	12,163
46	42	95 948	3 834,937	47 974,563	12,510	12,040
47	43	95 663	3 565,075	44 139,626	12,381	11,911
48	44	95 349	3 313,197	40 574,551	12,246	11,776
49	45	95 004	3 078,034	37 261,354	12,106	11,636
50	46	94 612	2 858,137	34 183,320	11,960	11,490
51	47	94 183	2 652,837	31 325,183	11,808	11,338
52	48	93 706	2 460,974	28 672,345	11,651	11,181
53	49	93 169	2 281,471	26 211,371	11,489	11,019
54	50	92 569	2 113,552	23 929,900	11,322	10,852
55	51	91 907	1 956,568	21 816,349	11,150	10,680
56	52	91 167	1 809,634	19 859,780	10,974	10,505
57	53	90 356	1 672,279	18 050,146	10,794	10,324
58	54	89 463	1 543,827	16 377,867	10,609	10,139
59	55	88 477	1 423,601	14 834,040	10,420	9,950
60	56	87 401	1 311,235	13 410,439	10,227	9,757
61	57	86 233	1 206,247	12 099,204	10,030	9,561
62	58	84 965	1 108,169	10 892,958	9,830	9,360
63	59	83 585	1 016,479	9 784,789	9,626	9,156
64	60	82 112	931,063	8 768,310	9,418	8,948
65	61	80 515	851,236	7 837,247	9,207	8,737
66	62	78 822	777,010	6 986,011	8,991	8,521
67	63	77 038	708,084	6 209,000	8,769	8,299
68	64	75 141	643,961	5 500,916	8,542	8,072
69	65	73 149	584,513	4 856,955	8,309	7,840
70	66	71 035	529,249	4 272,442	8,073	7,603
71	67	68 842	478,239	3 743,193	7,827	7,357
72	68	66 509	430,800	3 264,954	7,579	7,109
73	69	64 090	387,067	2 834,155	7,322	6,852
74	70	61 528	346,477	2 447,088	7,063	6,593
75	71	58 864	309,069	2 100,612	6,797	6,327
76	72	56 106	274,672	1 791,543	6,522	6,053
77	73	53 220	242,931	1 516,871	6,244	5,774
78	74	50 216	213,724	1 273,940	5,961	5,491
79	75	47 078	186,822	1 060,215	5,675	5,205
80	76	43 842	162,221	873,394	5,384	4,914
81	77	40 476	139,643	711,173	5,093	4,623
82	78	36 963	118,902	571,531	4,807	4,337
83	79	33 337	99,988	452,628	4,527	4,057
84	80	29 659	82,944	352,641	4,252	3,782
85	81	25 949	67,662	269,697	3,986	3,516
86	82	22 241	54,074	202,035	3,736	3,266
87	83	18 654	42,287	147,961	3,499	3,029
88	84	15 272	32,279	105,674	3,274	2,804
89	85	12 154	23,952	73,395	3,064	2,594
90	86	9 374	17,226	49,443	2,870	2,400
91	87	7 003	11,999	32,217	2,685	2,215
92	88	5 049	8,065	20,218	2,507	2,037
93	89	3 464	5,160	12,153	2,355	1,885
94	90	2 281	3,169	6,993	2,207	1,737
95	91	1 420	1,839	3,824	2,080	1,610
96	92	839	1,013	1,985	1,960	1,490
97	93	462	0,520	0,972	1,870	1,400
98	94	242	0,254	0,452	1,778	1,308
99	95	119	0,117	0,198	1,696	1,226
100	96	55	0,050	0,081	1,621	1,151

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5	0	99 579	70 174,966	1 020 809,758	14,547	14,077
6	1	99 270	65 228,008	950 634,791	14,574	14,104
7	2	99 236	60 798,048	885 406,784	14,563	14,093
8	3	99 215	56 676,232	824 608,736	14,549	14,080
9	4	99 197	52 835,003	767 932,503	14,535	14,065
10	5	99 179	49 254,751	715 097,500	14,518	14,048
11	6	99 163	45 917,446	665 842,749	14,501	14,031
12	7	99 146	42 806,369	619 925,302	14,482	14,012
13	8	99 135	39 908,097	577 118,933	14,461	13,991
14	9	99 118	37 204,186	537 210,836	14,440	13,970
15	10	99 099	34 682,390	500 006,650	14,417	13,947
16	11	99 077	32 330,832	465 324,260	14,393	13,923
17	12	99 045	30 135,507	432 993,428	14,368	13,898
18	13	99 010	28 088,449	402 857,920	14,342	13,873
19	14	98 963	26 177,194	374 769,471	14,317	13,847
20	15	98 914	24 395,685	348 592,277	14,289	13,819
21	16	98 860	22 733,970	324 196,592	14,260	13,791
22	17	98 805	21 185,465	301 462,622	14,230	13,760
23	18	98 747	19 741,697	280 277,158	14,197	13,727
24	19	98 687	18 396,013	260 535,460	14,163	13,693
25	20	98 623	17 141,318	242 139,447	14,126	13,656
26	21	98 561	15 972,629	224 998,129	14,086	13,617
27	22	98 500	14 883,605	209 025,500	14,044	13,574
28	23	98 438	13 868,820	194 141,895	13,998	13,529
29	24	98 373	12 922,705	180 273,075	13,950	13,480
30	25	98 304	12 040,690	167 350,370	13,899	13,429
31	26	98 230	11 218,313	155 309,680	13,844	13,374
32	27	98 151	10 451,556	144 091,367	13,787	13,317
33	28	98 068	9 736,767	133 639,811	13,725	13,255
34	29	97 973	9 069,790	123 903,044	13,661	13,191
35	30	97 872	8 447,986	114 833,254	13,593	13,123
36	31	97 763	7 868,095	106 385,267	13,521	13,051
37	32	97 648	7 327,612	98 517,172	13,445	12,975
38	33	97 519	6 823,240	91 189,559	13,365	12,895
39	34	97 380	6 352,912	84 366,320	13,280	12,810
40	35	97 232	5 914,461	78 013,407	13,190	12,720
41	36	97 071	5 505,553	72 098,947	13,096	12,626
42	37	96 897	5 124,185	66 593,394	12,996	12,526
43	38	96 712	4 768,647	61 469,208	12,890	12,420
44	39	96 505	4 436,767	56 700,562	12,780	12,310
45	40	96 273	4 126,925	52 263,795	12,664	12,194
46	41	96 019	3 837,778	48 136,870	12,543	12,073
47	42	95 739	3 567,907	44 299,092	12,416	11,946
48	43	95 436	3 316,208	40 731,185	12,282	11,813
49	44	95 096	3 081,024	37 414,976	12,144	11,674
50	45	94 722	2 861,434	34 333,952	11,999	11,529
51	46	94 298	2 656,071	31 472,518	11,849	11,379
52	47	93 834	2 464,351	28 816,446	11,693	11,223
53	48	93 318	2 285,113	26 352,095	11,532	11,062
54	49	92 731	2 117,253	24 066,982	11,367	10,897
55	50	92 077	1 960,201	21 949,729	11,198	10,728
56	51	91 363	1 813,520	19 989,528	11,023	10,553
57	52	90 567	1 676,190	18 176,008	10,844	10,374
58	53	89 693	1 547,802	16 499,819	10,660	10,190
59	54	88 733	1 427,725	14 952,017	10,473	10,003
60	55	87 686	1 315,504	13 524,292	10,281	9,811
61	56	86 542	1 210,577	12 208,788	10,085	9,615
62	57	85 299	1 112,534	10 998,211	9,886	9,416
63	58	83 950	1 020,919	9 885,676	9,683	9,213
64	59	82 500	935,466	8 864,757	9,476	9,006
65	60	80 942	855,751	7 929,292	9,266	8,796
66	61	79 273	781,454	7 073,541	9,052	8,582
67	62	77 513	712,454	6 292,087	8,832	8,362
68	63	75 651	648,337	5 579,632	8,606	8,136
69	64	73 700	588,914	4 931,296	8,374	7,904
70	65	71 606	533,501	4 342,382	8,139	7,670
71	66	69 451	482,466	3 808,881	7,895	7,425
72	67	67 146	434,924	3 326,414	7,648	7,178
73	68	64 768	391,160	2 891,491	7,392	6,922
74	69	62 247	350,527	2 500,330	7,133	6,663
75	70	59 616	313,013	2 149,804	6,868	6,398
76	71	56 885	278,487	1 836,791	6,596	6,126
77	72	54 020	246,584	1 558,303	6,320	5,850
78	73	51 054	217,291	1 311,720	6,037	5,567
79	74	47 933	190,216	1 094,428	5,754	5,284
80	75	44 702	165,402	904,213	5,467	4,997
81	76	41 368	142,720	738,811	5,177	4,707
82	77	37 864	121,801	596,090	4,894	4,424
83	78	34 278	102,810	474,290	4,613	4,143
84	79	30 621	85,634	371,480	4,338	3,868
85	80	26 931	70,222	285,846	4,071	3,601
86	81	23 232	56,484	215,624	3,817	3,348
87	82	19 623	44,484	159,140	3,577	3,108
88	83	16 190	34,220	114,656	3,351	2,881
89	84	13 001	25,622	80,437	3,139	2,670
90	85	10 147	18,645	54,815	2,940	2,470
91	86	7 672	13,145	36,170	2,752	2,282
92	87	5 609	8,961	23,024	2,569	2,100
93	88	3 911	5,825	14,063	2,414	1,944
94	89	2 621	3,640	8,238	2,263	1,793
95	90	1 665	2,157	4,598	2,132	1,662
96	91	1 008	1,217	2,441	2,006	1,536
97	92	568	0,640	1,224	1,913	1,443
98	93	306	0,322	0,584	1,817	1,347
99	94	155	0,152	0,263	1,733	1,263
100	95	73	0,067	0,111	1,657	1,187

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	65 424,631	951 099,493	14,537	14,067
7	1	99 261	60 813,126	885 674,862	14,564	14,094
8	2	99 228	56 683,274	824 861,736	14,552	14,082
9	3	99 207	52 840,453	768 178,462	14,538	14,068
10	4	99 189	49 259,465	715 338,009	14,522	14,052
11	5	99 171	45 921,537	666 078,545	14,505	14,035
12	6	99 155	42 810,156	620 157,007	14,486	14,016
13	7	99 139	39 909,951	577 346,851	14,466	13,996
14	8	99 125	37 206,779	537 436,900	14,445	13,975
15	9	99 105	34 684,512	500 230,121	14,422	13,952
16	10	99 083	32 332,723	465 545,609	14,399	13,929
17	11	99 053	30 137,838	433 212,886	14,374	13,904
18	12	99 018	28 090,655	403 075,048	14,349	13,879
19	13	98 972	26 179,661	374 984,393	14,324	13,854
20	14	98 923	24 397,934	348 804,733	14,296	13,827
21	15	98 872	22 736,736	324 406,798	14,268	13,798
22	16	98 819	21 188,585	301 670,062	14,237	13,767
23	17	98 760	19 744,386	280 481,477	14,206	13,736
24	18	98 706	18 399,638	260 737,092	14,171	13,701
25	19	98 640	17 144,315	242 337,453	14,135	13,665
26	20	98 579	15 975,582	225 193,138	14,096	13,626
27	21	98 516	14 886,060	209 217,556	14,055	13,585
28	22	98 454	13 871,078	194 331,496	14,010	13,540
29	23	98 391	12 925,031	180 460,418	13,962	13,492
30	24	98 322	12 042,857	167 535,387	13,912	13,442
31	25	98 249	11 220,448	155 492,530	13,858	13,388
32	26	98 169	10 453,524	144 272,083	13,801	13,331
33	27	98 089	9 738,863	133 818,559	13,741	13,271
34	28	97 996	9 071,928	124 079,696	13,677	13,207
35	29	97 897	8 450,173	115 007,768	13,610	13,140
36	30	97 794	7 870,591	106 557,595	13,539	13,069
37	31	97 679	7 329,914	98 687,004	13,464	12,994
38	32	97 552	6 825,578	91 357,090	13,385	12,915
39	33	97 415	6 355,202	84 531,512	13,301	12,831
40	34	97 271	5 916,863	78 176,309	13,212	12,743
41	35	97 111	5 507,823	72 259,447	13,119	12,650
42	36	96 942	5 126,536	66 751,624	13,021	12,551
43	37	96 758	4 770,912	61 625,088	12,917	12,447
44	38	96 563	4 439,445	56 854,176	12,807	12,337
45	39	96 331	4 129,407	52 414,732	12,693	12,223
46	40	96 085	3 840,412	48 285,324	12,573	12,103
47	41	95 809	3 570,550	44 444,913	12,448	11,978
48	42	95 512	3 318,843	40 874,362	12,316	11,846
49	43	95 183	3 083,825	37 555,520	12,178	11,708
50	44	94 814	2 864,214	34 471,695	12,035	11,565
51	45	94 407	2 659,135	31 607,481	11,886	11,416
52	46	93 949	2 467,355	28 948,346	11,733	11,263
53	47	93 446	2 288,249	26 480,990	11,573	11,103
54	48	92 879	2 120,633	24 192,742	11,408	10,938
55	49	92 238	1 963,634	22 072,108	11,240	10,771
56	50	91 533	1 816,887	20 108,475	11,068	10,598
57	51	90 761	1 679,789	18 291,588	10,889	10,419
58	52	89 903	1 551,421	16 611,799	10,707	10,238
59	53	88 961	1 431,401	15 060,378	10,521	10,052
60	54	87 940	1 319,315	13 628,977	10,330	9,860
61	55	86 824	1 214,518	12 309,662	10,135	9,666
62	56	85 606	1 116,528	11 095,144	9,937	9,467
63	57	84 281	1 024,941	9 978,615	9,736	9,266
64	58	82 861	939,552	8 953,674	9,530	9,060
65	59	81 324	859,798	8 014,122	9,321	8,851
66	60	79 693	785,599	7 154,325	9,107	8,637
67	61	77 957	716,529	6 368,726	8,888	8,418
68	62	76 118	652,338	5 652,198	8,665	8,195
69	63	74 200	592,915	4 999,859	8,433	7,963
70	64	72 145	537,518	4 406,944	8,199	7,729
71	65	70 009	486,343	3 869,426	7,956	7,486
72	66	67 739	438,768	3 383,083	7,710	7,241
73	67	65 388	394,905	2 944,315	7,456	6,986
74	68	62 906	354,234	2 549,410	7,197	6,727
75	69	60 312	316,672	2 195,176	6,932	6,462
76	70	57 611	282,041	1 878,504	6,660	6,191
77	71	54 771	250,010	1 596,463	6,386	5,916
78	72	51 822	220,559	1 346,454	6,105	5,635
79	73	48 733	193,390	1 125,895	5,822	5,352
80	74	45 514	168,406	932,505	5,537	5,067
81	75	42 179	145,519	764,098	5,251	4,781
82	76	38 699	124,485	618,579	4,969	4,499
83	77	35 113	105,316	494,094	4,692	4,222
84	78	31 485	88,051	388,778	4,415	3,945
85	79	27 804	72,500	300,728	4,148	3,678
86	80	24 111	58,621	228,228	3,893	3,423
87	81	20 498	46,467	169,606	3,650	3,180
88	82	17 031	35,997	123,140	3,421	2,951
89	83	13 782	27,162	87,143	3,208	2,738
90	84	10 854	19,945	59,981	3,007	2,537
91	85	8 305	14,229	40,035	2,814	2,344
92	86	6 145	9,817	25,807	2,629	2,159
93	87	4 345	6,472	15,990	2,471	2,001
94	88	2 959	4,109	9,518	2,316	1,846
95	89	1 913	2,478	5,409	2,183	1,713
96	90	1 182	1,427	2,931	2,053	1,584
97	91	683	0,769	1,504	1,956	1,486
98	92	377	0,396	0,735	1,856	1,386
99	93	196	0,192	0,339	1,769	1,299
100	94	95	0,087	0,147	1,691	1,221

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 560	60 996,441	886 102,974	14,527	14,057
8	1	99 252	56 697,331	825 106,533	14,553	14,083
9	2	99 219	52 847,018	768 409,202	14,540	14,070
10	3	99 199	49 264,545	715 562,184	14,525	14,055
11	4	99 181	45 925,932	666 297,639	14,508	14,038
12	5	99 164	42 813,970	620 371,707	14,490	14,020
13	6	99 148	39 913,482	577 557,737	14,470	14,000
14	7	99 130	37 208,508	537 644,255	14,449	13,980
15	8	99 112	34 686,929	500 435,747	14,427	13,957
16	9	99 089	32 334,701	465 748,818	14,404	13,934
17	10	99 058	30 139,601	433 414,117	14,380	13,910
18	11	99 025	28 092,827	403 274,517	14,355	13,885
19	12	98 980	26 181,717	375 181,689	14,330	13,860
20	13	98 933	24 400,233	348 999,973	14,303	13,833
21	14	98 881	22 738,833	324 599,739	14,275	13,805
22	15	98 832	21 191,163	301 860,906	14,245	13,775
23	16	98 775	19 747,293	280 669,744	14,213	13,743
24	17	98 720	18 402,144	260 922,450	14,179	13,709
25	18	98 659	17 147,693	242 520,306	14,143	13,673
26	19	98 597	15 978,375	225 372,613	14,105	13,635
27	20	98 534	14 888,813	209 394,238	14,064	13,594
28	21	98 471	13 873,366	194 505,425	14,020	13,550
29	22	98 407	12 927,136	180 632,059	13,973	13,503
30	23	98 339	12 045,024	167 704,924	13,923	13,453
31	24	98 266	11 222,467	155 659,899	13,870	13,400
32	25	98 188	10 455,513	144 437,432	13,814	13,345
33	26	98 107	9 740,696	133 981,920	13,755	13,285
34	27	98 017	9 073,881	124 241,224	13,692	13,222
35	28	97 920	8 452,165	115 167,343	13,626	13,156
36	29	97 819	7 872,628	106 715,179	13,555	13,085
37	30	97 709	7 332,239	98 842,550	13,481	13,011
38	31	97 583	6 827,722	91 510,311	13,403	12,933
39	32	97 448	6 357,381	84 682,589	13,320	12,850
40	33	97 306	5 918,996	78 325,208	13,233	12,763
41	34	97 151	5 510,060	72 406,213	13,141	12,671
42	35	96 982	5 128,650	66 896,153	13,044	12,574
43	36	96 802	4 773,100	61 767,503	12,941	12,471
44	37	96 609	4 441,553	56 994,403	12,832	12,362
45	38	96 389	4 131,900	52 552,850	12,719	12,249
46	39	96 142	3 842,722	48 420,950	12,601	12,131
47	40	95 875	3 573,000	44 578,229	12,476	12,007
48	41	95 583	3 321,301	41 005,228	12,346	11,876
49	42	95 258	3 086,274	37 683,927	12,210	11,740
50	43	94 900	2 866,818	34 597,653	12,068	11,598
51	44	94 498	2 661,718	31 730,835	11,921	11,451
52	45	94 057	2 470,201	29 069,117	11,768	11,298
53	46	93 560	2 291,038	26 598,915	11,610	11,140
54	47	93 007	2 123,543	24 307,877	11,447	10,977
55	48	92 386	1 966,769	22 184,334	11,280	10,810
56	49	91 693	1 820,068	20 217,565	11,108	10,638
57	50	90 930	1 682,908	18 397,496	10,932	10,462
58	51	90 096	1 554,752	16 714,589	10,751	10,281
59	52	89 169	1 434,748	15 159,836	10,566	10,096
60	53	88 166	1 322,711	13 725,089	10,376	9,907
61	54	87 075	1 218,037	12 402,377	10,182	9,712
62	55	85 884	1 120,164	11 184,340	9,985	9,515
63	56	84 583	1 028,621	10 064,177	9,784	9,314
64	57	83 187	943,254	9 035,556	9,579	9,109
65	58	81 680	863,554	8 092,302	9,371	8,901
66	59	80 070	789,313	7 228,749	9,158	8,688
67	60	78 370	720,329	6 439,436	8,940	8,470
68	61	76 554	656,069	5 719,107	8,717	8,247
69	62	74 658	596,575	5 063,038	8,487	8,017
70	63	72 635	541,170	4 466,463	8,253	7,783
71	64	70 536	490,004	3 925,293	8,011	7,541
72	65	68 284	442,293	3 435,288	7,767	7,297
73	66	65 966	398,396	2 992,995	7,513	7,043
74	67	63 508	357,625	2 594,599	7,255	6,785
75	68	60 950	320,021	2 236,974	6,990	6,520
76	69	58 285	285,338	1 916,953	6,718	6,248
77	70	55 470	253,200	1 631,615	6,444	5,974
78	71	52 542	223,623	1 378,416	6,164	5,694
79	72	49 466	196,298	1 154,793	5,883	5,413
80	73	46 273	171,217	958,495	5,598	5,128
81	74	42 946	148,163	787,278	5,314	4,844
82	75	39 458	126,926	639,115	5,035	4,565
83	76	35 887	107,637	512,189	4,758	4,289
84	77	32 253	90,197	404,552	4,485	4,015
85	78	28 589	74,546	314,354	4,217	3,747
86	79	24 893	60,523	239,808	3,962	3,492
87	80	21 273	48,225	179,286	3,718	3,248
88	81	17 790	37,602	131,061	3,485	3,016
89	82	14 498	28,573	93,459	3,271	2,801
90	83	11 507	21,144	64,886	3,069	2,599
91	84	8 883	15,220	43,742	2,874	2,404
92	85	6 651	10,626	28,522	2,684	2,214
93	86	4 760	7,090	17,896	2,524	2,054
94	87	3 287	4,566	10,806	2,367	1,897
95	88	2 160	2,797	6,240	2,231	1,761
96	89	1 358	1,640	3,443	2,100	1,630
97	90	801	0,902	1,803	1,999	1,530
98	91	453	0,476	0,901	1,895	1,425
99	92	241	0,236	0,426	1,805	1,335
100	93	121	0,110	0,190	1,724	1,254

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 552	56 868,240	825 500,929	14,516	14,046
9	1	99 244	52 860,124	768 632,689	14,541	14,071
10	2	99 211	49 270,666	715 772,565	14,527	14,057
11	3	99 191	45 930,668	666 501,899	14,511	14,041
12	4	99 173	42 818,067	620 571,231	14,493	14,023
13	5	99 157	39 917,038	577 753,164	14,474	14,004
14	6	99 139	37 211,799	537 836,126	14,453	13,983
15	7	99 116	34 688,540	500 624,327	14,432	13,962
16	8	99 096	32 336,955	465 935,786	14,409	13,939
17	9	99 065	30 141,444	433 598,832	14,385	13,916
18	10	99 031	28 094,471	403 457,387	14,361	13,891
19	11	98 988	26 183,741	375 362,917	14,336	13,866
20	12	98 940	24 402,149	349 179,175	14,309	13,839
21	13	98 890	22 740,976	324 777,026	14,282	13,812
22	14	98 841	21 193,117	302 036,050	14,252	13,782
23	15	98 787	19 749,696	280 842,933	14,220	13,750
24	16	98 734	18 404,854	261 093,237	14,186	13,716
25	17	98 673	17 150,029	242 688,383	14,151	13,681
26	18	98 616	15 981,524	225 538,354	14,112	13,643
27	19	98 551	14 891,415	209 556,831	14,072	13,602
28	20	98 489	13 875,931	194 665,415	14,029	13,559
29	21	98 423	12 929,268	180 789,484	13,983	13,513
30	22	98 355	12 046,986	167 860,216	13,934	13,464
31	23	98 284	11 224,487	155 813,231	13,882	13,412
32	24	98 206	10 457,394	144 588,744	13,826	13,357
33	25	98 126	9 742,549	134 131,349	13,768	13,298
34	26	98 035	9 075,588	124 388,800	13,706	13,236
35	27	97 942	8 453,984	115 313,212	13,640	13,170
36	28	97 842	7 874,484	106 859,228	13,570	13,100
37	29	97 735	7 334,137	98 984,744	13,496	13,027
38	30	97 614	6 829,888	91 650,607	13,419	12,949
39	31	97 479	6 359,377	84 820,719	13,338	12,868
40	32	97 339	5 921,024	78 461,341	13,251	12,781
41	33	97 186	5 512,046	72 540,317	13,160	12,690
42	34	97 021	5 130,733	67 028,271	13,064	12,594
43	35	96 842	4 775,068	61 897,538	12,963	12,493
44	36	96 653	4 443,590	57 122,470	12,855	12,385
45	37	96 435	4 133,862	52 678,880	12,743	12,273
46	38	96 200	3 845,041	48 545,018	12,625	12,155
47	39	95 933	3 575,149	44 699,977	12,503	12,033
48	40	95 648	3 323,580	41 124,827	12,374	11,904
49	41	95 329	3 088,561	37 801,247	12,239	11,769
50	42	94 975	2 869,095	34 712,686	12,099	11,629
51	43	94 584	2 664,138	31 843,591	11,953	11,483
52	44	94 149	2 472,601	29 179,453	11,801	11,331
53	45	93 668	2 293,681	26 706,852	11,644	11,174
54	46	93 120	2 126,132	24 413,171	11,482	11,013
55	47	92 512	1 969,467	22 287,039	11,316	10,846
56	48	91 839	1 822,974	20 317,572	11,145	10,675
57	49	91 089	1 685,855	18 494,597	10,970	10,501
58	50	90 263	1 557,639	16 808,743	10,791	10,321
59	51	89 361	1 437,829	15 251,104	10,607	10,137
60	52	88 373	1 325,804	13 813,275	10,419	9,949
61	53	87 300	1 221,173	12 487,471	10,226	9,756
62	54	86 133	1 123,409	11 266,298	10,029	9,559
63	55	84 859	1 031,970	10 142,889	9,829	9,359
64	56	83 486	946,640	9 110,919	9,624	9,155
65	57	82 001	866,956	8 164,280	9,417	8,947
66	58	80 420	792,761	7 297,324	9,205	8,735
67	59	78 741	723,735	6 504,563	8,987	8,518
68	60	76 960	659,549	5 780,828	8,765	8,295
69	61	75 085	599,986	5 121,279	8,536	8,066
70	62	73 083	544,510	4 521,293	8,303	7,834
71	63	71 015	493,334	3 976,782	8,061	7,591
72	64	68 798	445,623	3 483,448	7,817	7,347
73	65	66 496	401,597	3 037,825	7,564	7,094
74	66	64 069	360,786	2 636,228	7,307	6,837
75	67	61 534	323,085	2 275,442	7,043	6,573
76	68	58 901	288,356	1 952,358	6,771	6,301
77	69	56 118	256,159	1 664,002	6,496	6,026
78	70	53 212	226,476	1 407,843	6,216	5,746
79	71	50 153	199,025	1 181,367	5,936	5,466
80	72	46 969	173,792	982,341	5,652	5,183
81	73	43 663	150,636	808,550	5,368	4,898
82	74	40 174	129,232	657,914	5,091	4,621
83	75	36 591	109,748	528,682	4,817	4,347
84	76	32 964	92,185	418,934	4,544	4,075
85	77	29 286	76,363	326,749	4,279	3,809
86	78	25 596	62,231	250,386	4,024	3,554
87	79	21 963	49,789	188,155	3,779	3,309
88	80	18 463	39,025	138,366	3,546	3,076
89	81	15 144	29,847	99,341	3,328	2,859
90	82	12 104	22,243	69,495	3,124	2,655
91	83	9 417	16,135	47,252	2,928	2,459
92	84	7 115	11,366	31,117	2,738	2,268
93	85	5 152	7,674	19,751	2,574	2,104
94	86	3 601	5,002	12,076	2,414	1,945
95	87	2 400	3,108	7,074	2,277	1,807
96	88	1 533	1,851	3,967	2,143	1,673
97	89	920	1,036	2,116	2,042	1,572
98	90	531	0,558	1,080	1,935	1,465
99	91	290	0,283	0,522	1,840	1,371
100	92	149	0,136	0,238	1,757	1,287

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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8						
9	0	99 543	53 019,465	768 996,025	14,504	14,034
10	1	99 236	49 282,885	715 976,560	14,528	14,058
11	2	99 204	45 936,375	666 693,675	14,513	14,044
12	3	99 184	42 822,483	620 757,300	14,496	14,026
13	4	99 166	39 920,857	577 934,816	14,477	14,007
14	5	99 147	37 215,114	538 013,959	14,457	13,987
15	6	99 125	34 691,609	500 798,844	14,436	13,966
16	7	99 101	32 338,457	466 107,235	14,413	13,944
17	8	99 071	30 143,545	433 768,778	14,390	13,920
18	9	99 037	28 096,189	403 625,233	14,366	13,896
19	10	98 993	26 185,273	375 529,044	14,341	13,871
20	11	98 948	24 404,036	349 343,771	14,315	13,845
21	12	98 898	22 742,761	324 939,734	14,288	13,818
22	13	98 850	21 195,114	302 196,973	14,258	13,788
23	14	98 796	19 751,517	281 001,859	14,227	13,757
24	15	98 746	18 407,094	261 250,342	14,193	13,723
25	16	98 687	17 152,554	242 843,248	14,158	13,688
26	17	98 630	15 983,700	225 690,694	14,120	13,650
27	18	98 571	14 894,350	209 706,994	14,080	13,610
28	19	98 506	13 878,357	194 812,644	14,037	13,567
29	20	98 441	12 931,658	180 934,287	13,992	13,522
30	21	98 371	12 048,973	168 002,628	13,943	13,473
31	22	98 300	11 226,315	155 953,656	13,892	13,422
32	23	98 223	10 459,277	144 727,341	13,837	13,367
33	24	98 144	9 744,302	134 268,064	13,779	13,309
34	25	98 054	9 077,315	124 523,762	13,718	13,248
35	26	97 960	8 455,575	115 446,447	13,653	13,183
36	27	97 863	7 876,179	106 990,872	13,584	13,114
37	28	97 758	7 335,866	99 114,693	13,511	13,041
38	29	97 639	6 831,656	91 778,827	13,434	12,964
39	30	97 510	6 361,395	84 947,171	13,354	12,884
40	31	97 370	5 922,884	78 585,776	13,268	12,798
41	32	97 219	5 513,935	72 662,892	13,178	12,708
42	33	97 056	5 132,582	67 148,957	13,083	12,613
43	34	96 881	4 777,007	62 016,375	12,982	12,512
44	35	96 693	4 445,422	57 239,367	12,876	12,406
45	36	96 479	4 135,758	52 793,945	12,765	12,295
46	37	96 246	3 846,867	48 658,187	12,649	12,179
47	38	95 991	3 577,307	44 811,319	12,527	12,057
48	39	95 706	3 325,579	41 234,012	12,399	11,929
49	40	95 394	3 090,680	37 908,433	12,265	11,796
50	41	95 046	2 871,220	34 817,753	12,126	11,657
51	42	94 659	2 666,254	31 946,532	11,982	11,512
52	43	94 234	2 474,849	29 280,278	11,831	11,361
53	44	93 759	2 295,909	26 805,429	11,675	11,205
54	45	93 228	2 128,584	24 509,520	11,514	11,045
55	46	92 625	1 971,868	22 380,936	11,350	10,880
56	47	91 966	1 825,476	20 409,067	11,180	10,710
57	48	91 235	1 688,546	18 583,591	11,006	10,536
58	49	90 421	1 560,367	16 895,045	10,828	10,358
59	50	89 527	1 440,498	15 334,679	10,645	10,176
60	51	88 562	1 328,651	13 894,180	10,457	9,987
61	52	87 504	1 224,028	12 565,529	10,266	9,796
62	53	86 355	1 126,301	11 341,501	10,070	9,600
63	54	85 105	1 034,959	10 215,200	9,870	9,400
64	55	83 757	949,722	9 180,241	9,666	9,196
65	56	82 296	870,068	8 230,519	9,460	8,990
66	57	80 737	795,885	7 360,451	9,248	8,778
67	58	79 085	726,897	6 564,566	9,031	8,561
68	59	77 324	662,667	5 837,670	8,809	8,339
69	60	75 484	603,169	5 175,002	8,580	8,110
70	61	73 501	547,624	4 571,834	8,348	7,879
71	62	71 453	496,379	4 024,210	8,107	7,637
72	63	69 265	448,651	3 527,831	7,863	7,393
73	64	66 996	404,620	3 079,179	7,610	7,140
74	65	64 584	363,685	2 674,559	7,354	6,884
75	66	62 078	325,941	2 310,874	7,090	6,620
76	67	59 465	291,116	1 984,934	6,818	6,348
77	68	56 712	258,869	1 693,818	6,543	6,073
78	69	53 834	229,123	1 434,949	6,263	5,793
79	70	50 793	201,565	1 205,826	5,982	5,512
80	71	47 622	176,206	1 004,261	5,699	5,229
81	72	44 319	152,901	828,055	5,416	4,946
82	73	40 845	131,389	675,154	5,139	4,669
83	74	37 256	111,742	543,765	4,866	4,396
84	75	33 610	93,993	432,024	4,596	4,126
85	76	29 931	78,046	338,031	4,331	3,861
86	77	26 220	63,748	259,985	4,078	3,608
87	78	22 583	51,194	196,237	3,833	3,363
88	79	19 062	40,291	145,043	3,600	3,130
89	80	15 718	30,976	104,752	3,382	2,912
90	81	12 644	23,234	73,776	3,175	2,705
91	82	9 907	16,974	50,542	2,978	2,508
92	83	7 543	12,050	33,569	2,786	2,316
93	84	5 511	8,209	21,519	2,621	2,151
94	85	3 898	5,414	13,310	2,458	1,989
95	86	2 629	3,404	7,896	2,319	1,849
96	87	1 704	2,057	4,491	2,184	1,714
97	88	1 039	1,170	2,435	2,081	1,611
98	89	611	0,641	1,265	1,974	1,504
99	90	340	0,332	0,624	1,877	1,407
100	91	178	0,163	0,292	1,790	1,320

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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9						
10	0	99 535	49 431,444	716 311,291	14,491	14,021
11	1	99 228	45 947,767	666 879,847	14,514	14,044
12	2	99 196	42 827,804	620 932,080	14,498	14,028
13	3	99 177	39 924,975	578 104,276	14,480	14,010
14	4	99 157	37 218,676	538 179,302	14,460	13,990
15	5	99 134	34 694,700	500 960,626	14,439	13,969
16	6	99 109	32 341,318	466 265,926	14,417	13,947
17	7	99 076	30 144,945	433 924,608	14,395	13,925
18	8	99 044	28 098,147	403 779,663	14,370	13,900
19	9	98 999	26 186,875	375 681,515	14,346	13,876
20	10	98 954	24 405,464	349 494,640	14,320	13,850
21	11	98 905	22 744,520	325 089,176	14,293	13,823
22	12	98 858	21 196,778	302 344,656	14,264	13,794
23	13	98 805	19 753,378	281 147,878	14,233	13,763
24	14	98 755	18 408,791	261 394,499	14,199	13,730
25	15	98 699	17 154,641	242 985,708	14,164	13,695
26	16	98 644	15 986,054	225 831,067	14,127	13,657
27	17	98 584	14 896,378	209 845,013	14,087	13,617
28	18	98 525	13 881,092	194 948,635	14,044	13,574
29	19	98 458	12 933,919	181 067,543	13,999	13,530
30	20	98 390	12 051,201	168 133,624	13,952	13,482
31	21	98 316	11 228,166	156 082,423	13,901	13,431
32	22	98 239	10 460,980	144 854,257	13,847	13,377
33	23	98 161	9 746,056	134 393,277	13,790	13,320
34	24	98 072	9 078,949	124 647,221	13,729	13,259
35	25	97 979	8 457,184	115 568,272	13,665	13,195
36	26	97 881	7 877,661	107 111,088	13,597	13,127
37	27	97 779	7 337,445	99 233,427	13,524	13,054
38	28	97 662	6 833,266	91 895,982	13,448	12,978
39	29	97 535	6 363,041	85 062,716	13,368	12,898
40	30	97 401	5 924,763	78 699,674	13,283	12,813
41	31	97 250	5 515,667	72 774,911	13,194	12,724
42	32	97 089	5 134,341	67 259,244	13,100	12,630
43	33	96 916	4 778,729	62 124,903	13,000	12,530
44	34	96 732	4 447,228	57 346,174	12,895	12,425
45	35	96 519	4 137,463	52 898,946	12,785	12,315
46	36	96 290	3 848,632	48 761,482	12,670	12,200
47	37	96 036	3 579,006	44 912,850	12,549	12,079
48	38	95 763	3 327,587	41 333,844	12,422	11,952
49	39	95 452	3 092,539	38 006,257	12,290	11,820
50	40	95 111	2 873,191	34 913,718	12,152	11,682
51	41	94 730	2 668,229	32 040,528	12,008	11,538
52	42	94 309	2 476,815	29 372,298	11,859	11,389
53	43	93 844	2 297,996	26 895,484	11,704	11,234
54	44	93 318	2 130,652	24 597,488	11,545	11,075
55	45	92 732	1 974,143	22 466,835	11,381	10,911
56	46	92 078	1 827,701	20 492,692	11,212	10,742
57	47	91 360	1 690,863	18 664,991	11,039	10,569
58	48	90 566	1 562,858	16 974,128	10,861	10,391
59	49	89 684	1 443,021	15 411,270	10,680	10,210
60	50	88 727	1 331,118	13 968,249	10,494	10,024
61	51	87 692	1 226,656	12 637,131	10,302	9,832
62	52	86 557	1 128,935	11 410,475	10,107	9,637
63	53	85 324	1 037,624	10 281,540	9,909	9,439
64	54	84 000	952,473	9 243,916	9,705	9,235
65	55	82 564	872,901	8 291,443	9,499	9,029
66	56	81 027	798,742	7 418,542	9,288	8,818
67	57	79 396	729,760	6 619,801	9,071	8,601
68	58	77 661	665,562	5 890,040	8,850	8,380
69	59	75 841	606,021	5 224,478	8,621	8,151
70	60	73 891	550,529	4 618,457	8,389	7,919
71	61	71 862	499,217	4 067,929	8,149	7,679
72	62	69 693	451,420	3 568,711	7,906	7,436
73	63	67 451	407,370	3 117,291	7,652	7,182
74	64	65 070	366,423	2 709,921	7,396	6,926
75	65	62 577	328,559	2 343,498	7,133	6,663
76	66	59 991	293,689	2 014,939	6,861	6,391
77	67	57 254	261,347	1 721,249	6,586	6,116
78	68	54 404	231,547	1 459,903	6,305	5,835
79	69	51 386	203,921	1 228,356	6,024	5,554
80	70	48 229	178,454	1 024,435	5,741	5,271
81	71	44 935	155,025	845,981	5,457	4,987
82	72	41 459	133,365	690,956	5,181	4,711
83	73	37 877	113,607	557,591	4,908	4,438
84	74	34 221	95,700	443,985	4,639	4,169
85	75	30 518	79,577	348,284	4,377	3,907
86	76	26 798	65,153	268,708	4,124	3,654
87	77	23 134	52,442	203,555	3,882	3,412
88	78	19 600	41,428	151,113	3,648	3,178
89	79	16 227	31,981	109,685	3,430	2,960
90	80	13 122	24,113	77,704	3,222	2,753
91	81	10 348	17,730	53,591	3,023	2,553
92	82	7 934	12,675	35,861	2,829	2,359
93	83	5 843	8,703	23,186	2,664	2,194
94	84	4 170	5,791	14,483	2,501	2,031
95	85	2 846	3,685	8,691	2,359	1,889
96	86	1 866	2,253	5,007	2,222	1,752
97	87	1 154	1,300	2,753	2,119	1,649
98	88	689	0,724	1,454	2,009	1,539
99	89	390	0,382	0,730	1,912	1,442
100	90	209	0,191	0,348	1,823	1,354

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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10						
11	0	99 527	46 086,272	667 188,237	14,477	14,007
12	1	99 220	42 838,425	621 101,965	14,499	14,029
13	2	99 189	39 929,935	578 263,539	14,482	14,012
14	3	99 167	37 222,514	538 333,604	14,463	13,993
15	4	99 143	34 698,020	501 111,090	14,442	13,972
16	5	99 118	32 344,199	466 413,070	14,420	13,950
17	6	99 085	30 147,612	434 068,871	14,398	13,928
18	7	99 049	28 099,453	403 921,259	14,375	13,905
19	8	99 006	26 188,700	375 821,806	14,351	13,881
20	9	98 960	24 406,957	349 633,106	14,325	13,855
21	10	98 911	22 745,851	325 226,149	14,298	13,828
22	11	98 865	21 198,418	302 480,298	14,269	13,799
23	12	98 813	19 754,930	281 281,881	14,239	13,769
24	13	98 765	18 410,526	261 526,951	14,205	13,735
25	14	98 708	17 156,223	243 116,425	14,171	13,701
26	15	98 656	15 987,999	225 960,202	14,133	13,663
27	16	98 599	14 898,572	209 972,203	14,093	13,624
28	17	98 539	13 882,982	195 073,631	14,051	13,581
29	18	98 478	12 936,468	181 190,649	14,006	13,536
30	19	98 407	12 053,307	168 254,181	13,959	13,489
31	20	98 334	11 230,243	156 200,873	13,909	13,439
32	21	98 256	10 462,705	144 970,631	13,856	13,386
33	22	98 177	9 747,643	134 507,926	13,799	13,329
34	23	98 089	9 080,583	124 760,283	13,739	13,269
35	24	97 996	8 458,706	115 679,700	13,676	13,206
36	25	97 900	7 879,160	107 220,993	13,608	13,138
37	26	97 797	7 338,826	99 341,833	13,536	13,067
38	27	97 683	6 834,737	92 003,007	13,461	12,991
39	28	97 558	6 364,541	85 168,271	13,382	12,912
40	29	97 426	5 926,297	78 803,730	13,297	12,827
41	30	97 280	5 517,417	72 877,433	13,209	12,739
42	31	97 120	5 135,954	67 360,016	13,115	12,645
43	32	96 949	4 780,367	62 224,062	13,017	12,547
44	33	96 767	4 448,831	57 443,695	12,912	12,442
45	34	96 558	4 139,144	52 994,864	12,803	12,333
46	35	96 330	3 850,219	48 855,720	12,689	12,219
47	36	96 080	3 580,648	45 005,501	12,569	12,099
48	37	95 809	3 329,167	41 424,853	12,443	11,973
49	38	95 509	3 094,406	38 095,686	12,311	11,841
50	39	95 168	2 874,919	35 001,280	12,175	11,705
51	40	94 795	2 670,060	32 126,362	12,032	11,562
52	41	94 379	2 478,649	29 456,301	11,884	11,414
53	42	93 918	2 299,822	26 977,652	11,730	11,260
54	43	93 403	2 132,589	24 677,830	11,572	11,102
55	44	92 822	1 976,061	22 545,241	11,409	10,939
56	45	92 184	1 829,809	20 569,181	11,241	10,771
57	46	91 471	1 692,924	18 739,371	11,069	10,599
58	47	90 690	1 565,003	17 046,447	10,892	10,422
59	48	89 827	1 445,325	15 481,444	10,711	10,241
60	49	88 882	1 333,449	14 036,120	10,526	10,056
61	50	87 854	1 228,934	12 702,670	10,336	9,866
62	51	86 743	1 131,359	11 473,736	10,142	9,672
63	52	85 523	1 040,050	10 342,378	9,944	9,474
64	53	84 216	954,925	9 302,328	9,741	9,272
65	54	82 803	875,430	8 347,402	9,535	9,065
66	55	81 291	801,342	7 471,973	9,324	8,854
67	56	79 681	732,380	6 670,630	9,108	8,638
68	57	77 967	668,184	5 938,250	8,887	8,417
69	58	76 172	608,668	5 270,066	8,658	8,188
70	59	74 240	553,132	4 661,398	8,427	7,957
71	60	72 243	501,865	4 108,266	8,186	7,716
72	61	70 091	454,002	3 606,401	7,944	7,474
73	62	67 868	409,884	3 152,399	7,691	7,221
74	63	65 513	368,913	2 742,515	7,434	6,964
75	64	63 048	331,033	2 373,602	7,170	6,700
76	65	60 473	296,049	2 042,569	6,899	6,430
77	66	57 761	263,657	1 746,520	6,624	6,154
78	67	54 924	233,763	1 482,863	6,343	5,874
79	68	51 930	206,078	1 249,100	6,061	5,591
80	69	48 793	180,540	1 043,022	5,777	5,307
81	70	45 508	157,003	862,482	5,493	5,024
82	71	42 035	135,217	705,479	5,217	4,747
83	72	38 447	115,315	570,262	4,945	4,475
84	73	34 792	97,298	454,947	4,676	4,206
85	74	31 072	81,022	357,649	4,414	3,944
86	75	27 323	66,430	276,627	4,164	3,694
87	76	23 644	53,598	210,197	3,922	3,452
88	77	20 078	42,438	156,599	3,690	3,220
89	78	16 685	32,883	114,161	3,472	3,002
90	79	13 548	24,895	81,278	3,265	2,795
91	80	10 740	18,401	56,383	3,064	2,594
92	81	8 288	13,241	37,981	2,869	2,399
93	82	6 146	9,155	24,741	2,702	2,233
94	83	4 420	6,139	15,586	2,539	2,069
95	84	3 044	3,942	9,447	2,397	1,927
96	85	2 020	2,439	5,505	2,257	1,787
97	86	1 265	1,424	3,066	2,154	1,684
98	87	766	0,804	1,642	2,043	1,573
99	88	441	0,431	0,838	1,944	1,474
100	89	240	0,219	0,407	1,856	1,386

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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12	0	99 520	42 967,557	621 386,098	14,462	13,992
13	1	99 214	39 939,838	578 418,541	14,482	14,012
14	2	99 179	37 227,139	538 478,703	14,465	13,995
15	3	99 154	34 701,599	501 251,564	14,445	13,975
16	4	99 128	32 347,294	466 549,965	14,423	13,953
17	5	99 094	30 150,298	434 202,671	14,401	13,931
18	6	99 058	28 101,939	404 052,373	14,378	13,908
19	7	99 011	26 189,917	375 950,434	14,355	13,885
20	8	98 967	24 408,658	349 760,518	14,329	13,859
21	9	98 917	22 747,242	325 351,860	14,303	13,833
22	10	98 871	21 199,658	302 604,618	14,274	13,804
23	11	98 820	19 756,457	281 404,960	14,244	13,774
24	12	98 772	18 411,971	261 648,503	14,211	13,741
25	13	98 718	17 157,840	243 236,531	14,176	13,707
26	14	98 665	15 989,473	226 078,692	14,139	13,669
27	15	98 611	14 900,385	210 089,218	14,100	13,630
28	16	98 553	13 885,027	195 188,833	14,058	13,588
29	17	98 491	12 938,230	181 303,806	14,013	13,543
30	18	98 426	12 055,683	168 365,577	13,966	13,496
31	19	98 352	11 232,206	156 309,894	13,916	13,446
32	20	98 274	10 464,640	145 077,688	13,864	13,394
33	21	98 193	9 749,251	134 613,049	13,808	13,338
34	22	98 105	9 082,062	124 863,798	13,748	13,279
35	23	98 014	8 460,229	115 781,736	13,685	13,216
36	24	97 918	7 880,578	107 321,508	13,618	13,149
37	25	97 816	7 340,222	99 440,929	13,547	13,078
38	26	97 701	6 836,023	92 100,707	13,473	13,003
39	27	97 579	6 365,911	85 264,684	13,394	12,924
40	28	97 449	5 927,693	78 898,773	13,310	12,840
41	29	97 306	5 518,845	72 971,080	13,222	12,752
42	30	97 151	5 137,583	67 452,234	13,129	12,659
43	31	96 980	4 781,869	62 314,651	13,031	12,562
44	32	96 800	4 450,356	57 532,783	12,928	12,458
45	33	96 593	4 140,636	53 082,427	12,820	12,350
46	34	96 369	3 851,782	48 941,791	12,706	12,236
47	35	96 120	3 582,124	45 090,008	12,588	12,118
48	36	95 853	3 330,694	41 507,884	12,462	11,992
49	37	95 555	3 095,875	38 177,190	12,332	11,862
50	38	95 225	2 876,654	35 081,315	12,195	11,725
51	39	94 852	2 671,666	32 204,660	12,054	11,584
52	40	94 444	2 480,350	29 532,994	11,907	11,437
53	41	93 988	2 301,525	27 052,644	11,754	11,284
54	42	93 477	2 134,283	24 751,119	11,597	11,127
55	43	92 907	1 977,857	22 616,836	11,435	10,965
56	44	92 273	1 831,587	20 638,979	11,268	10,798
57	45	91 577	1 694,877	18 807,392	11,097	10,627
58	46	90 800	1 566,910	17 112,514	10,921	10,451
59	47	89 950	1 447,308	15 545,604	10,741	10,271
60	48	89 024	1 335,578	14 098,296	10,556	10,086
61	49	88 008	1 231,086	12 762,718	10,367	9,897
62	50	86 904	1 133,459	11 531,632	10,174	9,704
63	51	85 707	1 042,283	10 398,173	9,976	9,506
64	52	84 413	957,158	9 355,889	9,775	9,305
65	53	83 016	877,683	8 398,731	9,569	9,099
66	54	81 526	803,664	7 521,048	9,358	8,889
67	55	79 941	734,765	6 717,384	9,142	8,672
68	56	78 247	670,583	5 982,619	8,922	8,452
69	57	76 472	611,066	5 312,037	8,693	8,223
70	58	74 565	555,548	4 700,971	8,462	7,992
71	59	72 585	504,238	4 145,422	8,221	7,751
72	60	70 463	456,410	3 641,184	7,978	7,508
73	61	68 256	412,228	3 184,774	7,726	7,256
74	62	65 917	371,190	2 772,546	7,469	6,999
75	63	63 476	333,282	2 401,356	7,205	6,735
76	64	60 928	298,278	2 068,074	6,933	6,463
77	65	58 225	265,775	1 769,796	6,659	6,189
78	66	55 410	235,830	1 504,021	6,378	5,908
79	67	52 427	208,050	1 268,191	6,096	5,626
80	68	49 309	182,450	1 060,141	5,811	5,341
81	69	46 040	158,838	877,691	5,526	5,056
82	70	42 571	136,943	718,853	5,249	4,779
83	71	38 981	116,917	581,910	4,977	4,507
84	72	35 315	98,761	464,993	4,708	4,238
85	73	31 591	82,375	366,233	4,446	3,976
86	74	27 820	67,637	283,858	4,197	3,727
87	75	24 107	54,649	216,221	3,957	3,487
88	76	20 520	43,373	161,572	3,725	3,255
89	77	17 092	33,685	118,199	3,509	3,039
90	78	13 930	25,598	84,514	3,302	2,832
91	79	11 088	18,998	58,916	3,101	2,631
92	80	8 602	13,742	39,918	2,905	2,435
93	81	6 420	9,563	26,177	2,737	2,267
94	82	4 650	6,458	16,614	2,572	2,103
95	83	3 227	4,179	10,155	2,430	1,960
96	84	2 161	2,609	5,977	2,291	1,821
97	85	1 369	1,541	3,368	2,185	1,716
98	86	839	0,881	1,827	2,074	1,604
99	87	489	0,479	0,946	1,975	1,505
100	88	271	0,248	0,467	1,885	1,415

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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13	0	99 513	40 060,233	578 680,340	14,445	13,975
14	1	99 204	37 236,371	538 620,108	14,465	13,995
15	2	99 166	34 705,910	501 383,736	14,447	13,977
16	3	99 138	32 350,630	466 677,826	14,426	13,956
17	4	99 103	30 153,183	434 327,196	14,404	13,934
18	5	99 066	28 104,442	404 174,013	14,381	13,911
19	6	99 020	26 192,234	376 069,571	14,358	13,888
20	7	98 971	24 409,792	349 877,337	14,333	13,864
21	8	98 924	22 748,827	325 467,545	14,307	13,837
22	9	98 877	21 200,954	302 718,718	14,279	13,809
23	10	98 826	19 757,613	281 517,763	14,249	13,779
24	11	98 780	18 413,395	261 760,150	14,216	13,746
25	12	98 725	17 159,187	243 346,755	14,182	13,712
26	13	98 674	15 990,980	226 187,568	14,145	13,675
27	14	98 620	14 901,759	210 196,588	14,105	13,636
28	15	98 565	13 886,716	195 294,829	14,063	13,594
29	16	98 506	12 940,135	181 408,112	14,019	13,549
30	17	98 440	12 057,324	168 467,977	13,972	13,502
31	18	98 371	11 234,419	156 410,653	13,922	13,453
32	19	98 291	10 466,469	145 176,234	13,871	13,401
33	20	98 212	9 751,054	134 709,765	13,815	13,345
34	21	98 122	9 083,560	124 958,711	13,757	13,287
35	22	98 030	8 461,606	115 875,151	13,694	13,224
36	23	97 935	7 881,997	107 413,545	13,628	13,158
37	24	97 833	7 341,543	99 531,549	13,557	13,087
38	25	97 720	6 837,324	92 190,005	13,483	13,013
39	26	97 597	6 367,109	85 352,681	13,405	12,935
40	27	97 470	5 928,969	78 985,572	13,322	12,852
41	28	97 328	5 520,146	73 056,603	13,235	12,765
42	29	97 176	5 138,913	67 536,457	13,142	12,672
43	30	97 011	4 783,386	62 397,544	13,045	12,575
44	31	96 831	4 451,754	57 614,158	12,942	12,472
45	32	96 626	4 142,055	53 162,405	12,835	12,365
46	33	96 404	3 853,171	49 020,350	12,722	12,252
47	34	96 159	3 583,579	45 167,179	12,604	12,134
48	35	95 892	3 332,067	41 583,599	12,480	12,010
49	36	95 598	3 097,295	38 251,532	12,350	11,880
50	37	95 271	2 878,020	35 154,237	12,215	11,745
51	38	94 909	2 673,279	32 276,216	12,074	11,604
52	39	94 500	2 481,842	29 602,938	11,928	11,458
53	40	94 053	2 303,105	27 121,096	11,776	11,306
54	41	93 547	2 135,864	24 817,991	11,620	11,150
55	42	92 980	1 979,428	22 682,127	11,459	10,989
56	43	92 357	1 833,252	20 702,699	11,293	10,823
57	44	91 666	1 696,524	18 869,447	11,122	10,653
58	45	90 905	1 568,718	17 172,923	10,947	10,477
59	46	90 060	1 449,072	15 604,205	10,768	10,299
60	47	89 146	1 337,411	14 155,133	10,584	10,114
61	48	88 149	1 233,052	12 817,722	10,395	9,925
62	49	87 056	1 135,444	11 584,671	10,203	9,733
63	50	85 866	1 044,219	10 449,227	10,007	9,537
64	51	84 595	959,214	9 405,008	9,805	9,335
65	52	83 210	879,736	8 445,794	9,600	9,130
66	53	81 736	805,733	7 566,059	9,390	8,920
67	54	80 172	736,893	6 760,326	9,174	8,704
68	55	78 502	672,766	6 023,433	8,953	8,483
69	56	76 746	613,260	5 350,667	8,725	8,255
70	57	74 858	557,737	4 737,407	8,494	8,024
71	58	72 902	506,441	4 179,670	8,253	7,783
72	59	70 796	458,568	3 673,229	8,010	7,540
73	60	68 618	414,414	3 214,661	7,757	7,287
74	61	66 294	373,313	2 800,247	7,501	7,031
75	62	63 868	335,339	2 426,934	7,237	6,767
76	63	61 342	300,305	2 091,595	6,965	6,495
77	64	58 663	267,776	1 791,290	6,690	6,220
78	65	55 855	237,724	1 523,514	6,409	5,939
79	66	52 890	209,890	1 285,789	6,126	5,656
80	67	49 781	184,196	1 075,900	5,841	5,371
81	68	46 527	160,518	891,703	5,555	5,085
82	69	43 069	138,544	731,185	5,278	4,808
83	70	39 478	118,409	592,642	5,005	4,535
84	71	35 805	100,133	474,233	4,736	4,266
85	72	32 066	83,613	374,101	4,474	4,004
86	73	28 284	68,766	290,487	4,224	3,754
87	74	24 545	55,642	221,721	3,985	3,515
88	75	20 923	44,223	166,079	3,755	3,286
89	76	17 469	34,427	121,856	3,540	3,070
90	77	14 270	26,222	87,429	3,334	2,864
91	78	11 401	19,534	61,207	3,133	2,663
92	79	8 881	14,187	41,673	2,937	2,467
93	80	6 663	9,925	27,486	2,769	2,299
94	81	4 857	6,746	17,561	2,603	2,133
95	82	3 395	4,396	10,814	2,460	1,990
96	83	2 291	2,766	6,419	2,321	1,851
97	84	1 464	1,648	3,653	2,216	1,746
98	85	908	0,953	2,005	2,103	1,633
99	86	536	0,525	1,051	2,003	1,533
100	87	302	0,275	0,526	1,913	1,443

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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14	0	99 503	37 348,617	538 861,338	14,428	13,958
15	1	99 191	34 714,517	501 512,721	14,447	13,977
16	2	99 150	32 354,650	466 798,204	14,428	13,958
17	3	99 113	30 156,293	434 443,554	14,406	13,936
18	4	99 076	28 107,132	404 287,261	14,384	13,914
19	5	99 028	26 194,567	376 180,129	14,361	13,891
20	6	98 980	24 411,951	349 985,562	14,337	13,867
21	7	98 929	22 749,884	325 573,611	14,311	13,841
22	8	98 884	21 202,432	302 823,726	14,282	13,813
23	9	98 832	19 758,822	281 621,294	14,253	13,783
24	10	98 786	18 414,472	261 862,473	14,220	13,751
25	11	98 733	17 160,514	243 448,000	14,187	13,717
26	12	98 682	15 992,236	226 287,486	14,150	13,680
27	13	98 629	14 903,163	210 295,250	14,111	13,641
28	14	98 574	13 887,997	195 392,087	14,069	13,599
29	15	98 517	12 941,709	181 504,090	14,025	13,555
30	16	98 454	12 059,100	168 562,381	13,978	13,508
31	17	98 384	11 235,949	156 503,281	13,929	13,459
32	18	98 310	10 468,532	145 267,332	13,877	13,407
33	19	98 229	9 752,758	134 798,800	13,822	13,352
34	20	98 140	9 085,239	125 046,042	13,764	13,294
35	21	98 046	8 463,002	115 960,803	13,702	13,232
36	22	97 951	7 883,280	107 497,801	13,636	13,166
37	23	97 851	7 342,865	99 614,521	13,566	13,096
38	24	97 738	6 838,554	92 271,656	13,493	13,023
39	25	97 616	6 368,321	85 433,102	13,415	12,945
40	26	97 488	5 930,085	79 064,781	13,333	12,863
41	27	97 349	5 521,334	73 134,696	13,246	12,776
42	28	97 199	5 140,124	67 613,362	13,154	12,684
43	29	97 036	4 784,624	62 473,238	13,057	12,587
44	30	96 861	4 453,166	57 688,614	12,955	12,485
45	31	96 656	4 143,356	53 235,448	12,848	12,378
46	32	96 437	3 854,491	49 092,092	12,736	12,266
47	33	96 194	3 584,871	45 237,600	12,619	12,149
48	34	95 931	3 333,421	41 652,729	12,495	12,026
49	35	95 638	3 098,572	38 319,309	12,367	11,897
50	36	95 314	2 879,340	35 220,736	12,232	11,762
51	37	94 954	2 674,548	32 341,396	12,092	11,622
52	38	94 557	2 483,340	29 666,847	11,946	11,476
53	39	94 109	2 304,490	27 183,507	11,796	11,326
54	40	93 611	2 137,330	24 879,017	11,640	11,170
55	41	93 049	1 980,894	22 741,687	11,481	11,011
56	42	92 431	1 834,708	20 760,793	11,316	10,846
57	43	91 749	1 698,066	18 926,085	11,146	10,676
58	44	90 993	1 570,242	17 228,019	10,972	10,502
59	45	90 164	1 450,744	15 657,777	10,793	10,323
60	46	89 255	1 339,041	14 207,033	10,610	10,140
61	47	88 270	1 234,743	12 867,992	10,422	9,952
62	48	87 195	1 137,257	11 633,249	10,229	9,759
63	49	86 016	1 046,047	10 495,992	10,034	9,564
64	50	84 752	960,994	9 449,945	9,834	9,364
65	51	83 389	881,625	8 488,950	9,629	9,159
66	52	81 927	807,617	7 607,326	9,419	8,950
67	53	80 379	738,790	6 799,709	9,204	8,734
68	54	78 729	674,715	6 060,918	8,983	8,513
69	55	76 996	615,256	5 386,203	8,754	8,285
70	56	75 127	559,739	4 770,947	8,524	8,054
71	57	73 189	508,436	4 211,208	8,283	7,813
72	58	71 105	460,571	3 702,771	8,040	7,570
73	59	68 942	416,374	3 242,200	7,787	7,317
74	60	66 645	375,293	2 825,826	7,530	7,060
75	61	64 233	337,257	2 450,534	7,266	6,796
76	62	61 720	302,158	2 113,277	6,994	6,524
77	63	59 062	269,596	1 811,118	6,718	6,248
78	64	56 276	239,514	1 541,523	6,436	5,966
79	65	53 315	211,576	1 302,008	6,154	5,684
80	66	50 221	185,825	1 090,432	5,868	5,398
81	67	46 972	162,055	904,608	5,582	5,112
82	68	43 525	140,009	742,553	5,304	4,834
83	69	39 940	119,793	602,544	5,030	4,560
84	70	36 262	101,410	482,752	4,760	4,290
85	71	32 512	84,775	381,341	4,498	4,028
86	72	28 709	69,800	296,567	4,249	3,779
87	73	24 955	56,570	226,767	4,009	3,539
88	74	21 303	45,027	170,196	3,780	3,310
89	75	17 811	35,102	125,169	3,566	3,096
90	76	14 584	26,800	90,067	3,361	2,891
91	77	11 679	20,010	63,267	3,162	2,692
92	78	9 131	14,588	43,257	2,965	2,495
93	79	6 879	10,247	28,669	2,798	2,328
94	80	5 041	7,001	18,422	2,631	2,161
95	81	3 546	4,592	11,421	2,487	2,017
96	82	2 410	2,909	6,829	2,347	1,877
97	83	1 552	1,747	3,920	2,243	1,773
98	84	971	1,020	2,172	2,130	1,660
99	85	580	0,568	1,153	2,029	1,559
100	86	330	0,302	0,585	1,939	1,469

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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15	0	99 490	34 819,161	501 735,004	14,410	13,940
16	1	99 175	32 362,674	466 915,843	14,428	13,958
17	2	99 126	30 160,040	434 553,170	14,408	13,938
18	3	99 086	28 110,031	404 393,130	14,386	13,916
19	4	99 038	26 197,074	376 283,099	14,364	13,894
20	5	98 989	24 414,126	350 086,025	14,339	13,870
21	6	98 937	22 751,897	325 671,899	14,314	13,844
22	7	98 889	21 203,417	302 920,002	14,286	13,816
23	8	98 839	19 760,199	281 716,585	14,257	13,787
24	9	98 792	18 415,599	261 956,386	14,225	13,755
25	10	98 739	17 161,518	243 540,788	14,191	13,721
26	11	98 690	15 993,472	226 379,270	14,154	13,685
27	12	98 637	14 904,333	210 385,797	14,116	13,646
28	13	98 584	13 889,306	195 481,464	14,074	13,604
29	14	98 527	12 942,903	181 592,158	14,030	13,560
30	15	98 466	12 060,567	168 649,255	13,984	13,514
31	16	98 399	11 237,604	156 588,688	13,934	13,464
32	17	98 324	10 469,957	145 351,084	13,883	13,413
33	18	98 248	9 754,680	134 881,127	13,827	13,357
34	19	98 157	9 086,828	125 126,447	13,770	13,300
35	20	98 064	8 464,567	116 039,619	13,709	13,239
36	21	97 967	7 884,580	107 575,052	13,644	13,174
37	22	97 867	7 344,060	99 690,472	13,574	13,104
38	23	97 755	6 839,785	92 346,412	13,501	13,031
39	24	97 633	6 369,467	85 506,627	13,424	12,955
40	25	97 507	5 931,214	79 137,160	13,342	12,873
41	26	97 368	5 522,373	73 205,946	13,256	12,786
42	27	97 220	5 141,230	67 683,573	13,165	12,695
43	28	97 059	4 785,752	62 542,342	13,068	12,599
44	29	96 886	4 454,319	57 756,591	12,966	12,497
45	30	96 687	4 144,671	53 302,272	12,860	12,391
46	31	96 467	3 855,702	49 157,602	12,749	12,279
47	32	96 227	3 586,100	45 301,900	12,633	12,163
48	33	95 966	3 334,622	41 715,800	12,510	12,040
49	34	95 677	3 099,831	38 381,178	12,382	11,912
50	35	95 354	2 880,528	35 281,347	12,248	11,778
51	36	94 997	2 675,775	32 400,819	12,109	11,639
52	37	94 602	2 484,520	29 725,044	11,964	11,494
53	38	94 166	2 305,881	27 240,524	11,813	11,344
54	39	93 667	2 138,615	24 934,643	11,659	11,189
55	40	93 113	1 982,254	22 796,028	11,500	11,030
56	41	92 499	1 836,067	20 813,774	11,336	10,866
57	42	91 822	1 699,415	18 977,707	11,167	10,697
58	43	91 076	1 571,669	17 278,292	10,994	10,524
59	44	90 251	1 452,153	15 706,623	10,816	10,346
60	45	89 358	1 340,586	14 254,470	10,633	10,163
61	46	88 377	1 236,249	12 913,884	10,446	9,976
62	47	87 315	1 138,818	11 677,636	10,254	9,784
63	48	86 154	1 047,717	10 538,818	10,059	9,589
64	49	84 900	962,677	9 491,101	9,859	9,389
65	50	83 544	883,261	8 528,424	9,656	9,186
66	51	82 103	809,351	7 645,162	9,446	8,976
67	52	80 567	740,518	6 835,811	9,231	8,761
68	53	78 932	676,452	6 095,293	9,011	8,541
69	54	77 219	617,039	5 418,841	8,782	8,312
70	55	75 372	561,562	4 801,802	8,551	8,081
71	56	73 452	510,261	4 240,241	8,310	7,840
72	57	71 386	462,386	3 729,979	8,067	7,597
73	58	69 244	418,193	3 267,593	7,814	7,344
74	59	66 961	377,067	2 849,401	7,557	7,087
75	60	64 574	339,046	2 472,333	7,292	6,822
76	61	62 073	303,886	2 133,288	7,020	6,550
77	62	59 426	271,260	1 829,402	6,744	6,274
78	63	56 658	241,142	1 558,142	6,462	5,992
79	64	53 717	213,169	1 317,000	6,178	5,708
80	65	50 625	187,318	1 103,831	5,893	5,423
81	66	47 388	163,487	916,514	5,606	5,136
82	67	43 941	141,349	753,026	5,327	4,858
83	68	40 362	121,060	611,677	5,053	4,583
84	69	36 686	102,596	490,618	4,782	4,312
85	70	32 926	85,857	388,022	4,519	4,050
86	71	29 108	70,770	302,165	4,270	3,800
87	72	25 330	57,421	231,396	4,030	3,560
88	73	21 658	45,778	173,975	3,800	3,330
89	74	18 135	35,740	128,196	3,587	3,117
90	75	14 870	27,325	92,456	3,384	2,914
91	76	11 936	20,451	65,131	3,185	2,715
92	77	9 354	14,943	44,680	2,990	2,520
93	78	7 073	10,536	29,736	2,822	2,352
94	79	5 205	7,229	19,200	2,656	2,186
95	80	3 680	4,765	11,972	2,512	2,042
96	81	2 517	3,039	7,206	2,371	1,901
97	82	1 633	1,838	4,167	2,267	1,797
98	83	1 030	1,081	2,329	2,155	1,685
99	84	621	0,608	1,248	2,054	1,584
100	85	358	0,326	0,640	1,962	1,492

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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16	0	99 474	32 460,228	467 120,674	14,391	13,921
17	1	99 150	30 167,520	434 660,447	14,408	13,938
18	2	99 098	28 113,523	404 492,927	14,388	13,918
19	3	99 048	26 199,776	376 379,404	14,366	13,896
20	4	98 999	24 416,463	350 179,628	14,342	13,872
21	5	98 946	22 753,924	325 763,166	14,317	13,847
22	6	98 897	21 205,293	303 009,242	14,289	13,819
23	7	98 844	19 761,117	281 803,949	14,261	13,791
24	8	98 799	18 416,882	262 042,832	14,228	13,759
25	9	98 745	17 162,568	243 625,950	14,195	13,725
26	10	98 696	15 994,408	226 463,382	14,159	13,689
27	11	98 645	14 905,486	210 468,974	14,120	13,650
28	12	98 591	13 890,396	195 563,488	14,079	13,609
29	13	98 536	12 944,122	181 673,092	14,035	13,565
30	14	98 475	12 061,679	168 728,969	13,989	13,519
31	15	98 411	11 238,971	156 667,290	13,940	13,470
32	16	98 338	10 471,499	145 428,319	13,888	13,418
33	17	98 261	9 756,009	134 956,820	13,833	13,363
34	18	98 176	9 088,618	125 200,811	13,776	13,306
35	19	98 081	8 466,046	116 112,193	13,715	13,245
36	20	97 985	7 886,038	107 646,146	13,650	13,180
37	21	97 883	7 345,271	99 760,108	13,582	13,112
38	22	97 771	6 840,899	92 414,837	13,509	13,039
39	23	97 651	6 370,613	85 573,938	13,433	12,963
40	24	97 525	5 932,281	79 203,324	13,351	12,881
41	25	97 386	5 523,424	73 271,043	13,266	12,796
42	26	97 238	5 142,198	67 747,619	13,175	12,705
43	27	97 080	4 786,782	62 605,421	13,079	12,609
44	28	96 909	4 455,368	57 818,640	12,977	12,507
45	29	96 712	4 145,743	53 363,271	12,872	12,402
46	30	96 498	3 856,925	49 217,528	12,761	12,291
47	31	96 257	3 587,226	45 360,602	12,645	12,175
48	32	95 999	3 335,765	41 773,376	12,523	12,053
49	33	95 711	3 100,948	38 437,611	12,395	11,926
50	34	95 392	2 881,698	35 336,663	12,262	11,793
51	35	95 037	2 676,878	32 454,965	12,124	11,654
52	36	94 646	2 485,659	29 778,087	11,980	11,510
53	37	94 211	2 306,976	27 292,428	11,830	11,360
54	38	93 724	2 139,906	24 985,452	11,676	11,206
55	39	93 169	1 983,446	22 845,545	11,518	11,048
56	40	92 563	1 837,327	20 862,099	11,355	10,885
57	41	91 890	1 700,674	19 024,772	11,187	10,717
58	42	91 148	1 572,918	17 324,099	11,014	10,544
59	43	90 333	1 453,473	15 751,181	10,837	10,367
60	44	89 445	1 341,888	14 297,708	10,655	10,185
61	45	88 479	1 237,675	12 955,820	10,468	9,998
62	46	87 421	1 140,206	11 718,145	10,277	9,807
63	47	86 272	1 049,155	10 577,939	10,082	9,612
64	48	85 036	964,214	9 528,784	9,882	9,413
65	49	83 690	884,808	8 564,570	9,680	9,210
66	50	82 255	810,854	7 679,762	9,471	9,001
67	51	80 740	742,108	6 868,908	9,256	8,786
68	52	79 117	678,034	6 126,800	9,036	8,566
69	53	77 418	618,627	5 448,766	8,808	8,338
70	54	75 590	563,189	4 830,139	8,576	8,107
71	55	73 691	511,923	4 266,950	8,335	7,865
72	56	71 642	464,046	3 755,028	8,092	7,622
73	57	69 516	419,840	3 290,982	7,839	7,369
74	58	67 253	378,714	2 871,142	7,581	7,111
75	59	64 879	340,649	2 492,427	7,317	6,847
76	60	62 403	305,498	2 151,778	7,044	6,574
77	61	59 766	272,811	1 846,280	6,768	6,298
78	62	57 008	242,630	1 573,469	6,485	6,015
79	63	54 082	214,617	1 330,839	6,201	5,731
80	64	51 006	188,728	1 116,222	5,914	5,445
81	65	47 768	164,801	927,494	5,628	5,158
82	66	44 330	142,599	762,693	5,349	4,879
83	67	40 749	122,219	620,095	5,074	4,604
84	68	37 074	103,681	497,876	4,802	4,332
85	69	33 311	86,860	394,195	4,538	4,068
86	70	29 480	71,673	307,335	4,288	3,818
87	71	25 682	58,219	235,663	4,048	3,578
88	72	21 984	46,467	177,444	3,819	3,349
89	73	18 438	36,337	130,977	3,605	3,135
90	74	15 141	27,822	94,641	3,402	2,932
91	75	12 171	20,852	66,819	3,204	2,734
92	76	9 560	15,273	45,967	3,010	2,540
93	77	7 246	10,793	30,694	2,844	2,374
94	78	5 352	7,433	19,901	2,678	2,208
95	79	3 799	4,920	12,468	2,534	2,064
96	80	2 612	3,154	7,548	2,393	1,923
97	81	1 706	1,920	4,394	2,288	1,819
98	82	1 083	1,137	2,474	2,176	1,706
99	83	658	0,644	1,337	2,075	1,606
100	84	383	0,349	0,693	1,984	1,515

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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17	0	99 449	30 258,457	434 849,196	14,371	13,901
18	1	99 123	28 120,495	404 590,740	14,388	13,918
19	2	99 060	26 203,031	376 470,244	14,367	13,898
20	3	99 009	24 418,981	350 267,214	14,344	13,874
21	4	98 956	22 756,101	325 848,233	14,319	13,849
22	5	98 906	21 207,182	303 092,132	14,292	13,822
23	6	98 853	19 762,865	281 884,950	14,263	13,793
24	7	98 803	18 417,738	262 122,085	14,232	13,762
25	8	98 752	17 163,764	243 704,347	14,199	13,729
26	9	98 702	15 995,387	226 540,583	14,163	13,693
27	10	98 650	14 906,358	210 545,196	14,125	13,655
28	11	98 599	13 891,471	195 638,838	14,083	13,613
29	12	98 544	12 945,139	181 747,368	14,040	13,570
30	13	98 484	12 062,816	168 802,229	13,994	13,524
31	14	98 420	11 240,008	156 739,413	13,945	13,475
32	15	98 350	10 472,773	145 499,405	13,893	13,423
33	16	98 276	9 757,445	135 026,632	13,838	13,368
34	17	98 190	9 089,856	125 269,187	13,781	13,311
35	18	98 101	8 467,715	116 179,331	13,720	13,250
36	19	98 003	7 887,417	107 711,616	13,656	13,186
37	20	97 901	7 346,630	99 824,199	13,588	13,118
38	21	97 787	6 842,027	92 477,570	13,516	13,046
39	22	97 667	6 371,651	85 635,542	13,440	12,970
40	23	97 542	5 933,349	79 263,892	13,359	12,889
41	24	97 404	5 524,418	73 330,543	13,274	12,804
42	25	97 256	5 143,177	67 806,125	13,184	12,714
43	26	97 098	4 787,683	62 662,948	13,088	12,618
44	27	96 930	4 456,327	57 875,266	12,987	12,517
45	28	96 735	4 146,720	53 418,938	12,882	12,412
46	29	96 523	3 857,924	49 272,218	12,772	12,302
47	30	96 287	3 588,364	45 414,294	12,656	12,186
48	31	96 029	3 336,813	41 825,930	12,535	12,065
49	32	95 744	3 102,011	38 489,117	12,408	11,938
50	33	95 427	2 882,736	35 387,106	12,276	11,806
51	34	95 075	2 677,966	32 504,370	12,138	11,668
52	35	94 685	2 486,684	29 826,404	11,994	11,525
53	36	94 254	2 308,034	27 339,720	11,845	11,376
54	37	93 768	2 140,922	25 031,686	11,692	11,222
55	38	93 225	1 984,643	22 890,763	11,534	11,064
56	39	92 618	1 838,432	20 906,120	11,372	10,902
57	40	91 953	1 701,841	19 067,688	11,204	10,734
58	41	91 216	1 574,083	17 365,847	11,032	10,562
59	42	90 405	1 454,628	15 791,764	10,856	10,386
60	43	89 526	1 343,108	14 337,137	10,675	10,205
61	44	88 565	1 238,877	12 994,029	10,489	10,019
62	45	87 522	1 141,521	11 755,152	10,298	9,828
63	46	86 377	1 050,434	10 613,631	10,104	9,634
64	47	85 152	965,537	9 563,197	9,905	9,435
65	48	83 824	886,221	8 597,659	9,701	9,232
66	49	82 399	812,274	7 711,439	9,494	9,024
67	50	80 889	743,486	6 899,165	9,279	8,810
68	51	79 287	679,490	6 155,679	9,059	8,589
69	52	77 599	620,074	5 476,189	8,832	8,362
70	53	75 785	564,638	4 856,115	8,600	8,131
71	54	73 904	513,406	4 291,477	8,359	7,889
72	55	71 875	465,557	3 778,071	8,115	7,645
73	56	69 766	421,347	3 312,514	7,862	7,392
74	57	67 518	380,206	2 891,167	7,604	7,134
75	58	65 163	342,137	2 510,961	7,339	6,869
76	59	62 698	306,942	2 168,823	7,066	6,596
77	60	60 083	274,258	1 861,881	6,789	6,319
78	61	57 334	244,017	1 587,623	6,506	6,036
79	62	54 416	215,942	1 343,606	6,222	5,752
80	63	51 352	190,010	1 127,664	5,935	5,465
81	64	48 128	166,041	937,653	5,647	5,177
82	65	44 686	143,744	771,612	5,368	4,898
83	66	41 109	123,299	627,867	5,092	4,622
84	67	37 429	104,673	504,569	4,820	4,351
85	68	33 664	87,779	399,895	4,556	4,086
86	69	29 824	72,511	312,116	4,304	3,835
87	70	26 010	58,962	239,606	4,064	3,594
88	71	22 289	47,112	180,644	3,834	3,364
89	72	18 715	36,883	133,532	3,620	3,151
90	73	15 393	28,286	96,649	3,417	2,947
91	74	12 392	21,231	68,363	3,220	2,750
92	75	9 748	15,572	47,132	3,027	2,557
93	76	7 406	11,031	31,560	2,861	2,391
94	77	5 482	7,614	20,529	2,696	2,226
95	78	3 907	5,059	12,915	2,553	2,083
96	79	2 697	3,256	7,856	2,413	1,943
97	80	1 770	1,993	4,600	2,308	1,838
98	81	1 132	1,188	2,607	2,195	1,725
99	82	692	0,678	1,419	2,095	1,625
100	83	406	0,370	0,742	2,004	1,534

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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18	0	99 422	28 205,262	404 764,675	14,351	13,881
19	1	99 085	26 209,529	376 559,413	14,367	13,897
20	2	99 021	24 422,015	350 349,884	14,346	13,876
21	3	98 966	22 758,448	325 927,870	14,321	13,851
22	4	98 916	21 209,211	303 169,421	14,294	13,824
23	5	98 861	19 764,626	281 960,210	14,266	13,796
24	6	98 812	18 419,367	262 195,584	14,235	13,765
25	7	98 756	17 164,561	243 776,217	14,202	13,732
26	8	98 709	15 996,501	226 611,656	14,166	13,696
27	9	98 656	14 907,270	210 615,154	14,128	13,658
28	10	98 605	13 892,283	195 707,885	14,088	13,618
29	11	98 551	12 946,140	181 815,602	14,044	13,574
30	12	98 492	12 063,763	168 869,462	13,998	13,528
31	13	98 429	11 241,067	156 805,698	13,949	13,479
32	14	98 359	10 473,739	145 564,632	13,898	13,428
33	15	98 288	9 758,633	135 090,893	13,843	13,373
34	16	98 204	9 091,194	125 332,260	13,786	13,316
35	17	98 114	8 468,868	116 241,065	13,726	13,256
36	18	98 022	7 888,971	107 772,197	13,661	13,191
37	19	97 918	7 347,914	99 883,226	13,593	13,124
38	20	97 805	6 843,293	92 535,312	13,522	13,052
39	21	97 683	6 372,701	85 692,020	13,447	12,977
40	22	97 558	5 934,315	79 319,318	13,366	12,896
41	23	97 421	5 525,412	73 385,003	13,281	12,811
42	24	97 274	5 144,102	67 859,591	13,192	12,722
43	25	97 116	4 788,593	62 715,489	13,097	12,627
44	26	96 948	4 457,166	57 926,895	12,996	12,526
45	27	96 756	4 147,613	53 469,729	12,892	12,422
46	28	96 545	3 858,833	49 322,116	12,782	12,312
47	29	96 312	3 589,293	45 463,283	12,666	12,196
48	30	96 059	3 337,871	41 873,990	12,545	12,075
49	31	95 774	3 102,986	38 536,119	12,419	11,949
50	32	95 459	2 883,724	35 433,133	12,287	11,817
51	33	95 109	2 678,931	32 549,409	12,150	11,680
52	34	94 723	2 487,694	29 870,478	12,007	11,537
53	35	94 293	2 308,986	27 382,784	11,859	11,389
54	36	93 811	2 141,904	25 073,798	11,706	11,236
55	37	93 270	1 985,586	22 931,894	11,549	11,079
56	38	92 674	1 839,542	20 946,308	11,387	10,917
57	39	92 008	1 702,864	19 106,766	11,220	10,750
58	40	91 279	1 575,163	17 403,902	11,049	10,579
59	41	90 472	1 455,705	15 828,739	10,874	10,404
60	42	89 597	1 344,175	14 373,033	10,693	10,223
61	43	88 646	1 240,003	13 028,859	10,507	10,037
62	44	87 607	1 142,630	11 788,856	10,317	9,847
63	45	86 477	1 051,646	10 646,225	10,123	9,653
64	46	85 256	966,714	9 594,580	9,925	9,455
65	47	83 939	887,437	8 627,866	9,722	9,252
66	48	82 531	813,570	7 740,429	9,514	9,044
67	49	81 031	744,788	6 926,858	9,300	8,831
68	50	79 434	680,752	6 182,070	9,081	8,611
69	51	77 766	621,405	5 501,319	8,853	8,383
70	52	75 962	565,959	4 879,913	8,622	8,152
71	53	74 094	514,728	4 313,955	8,381	7,911
72	54	72 083	466,905	3 799,227	8,137	7,667
73	55	69 993	422,719	3 332,322	7,883	7,413
74	56	67 760	381,571	2 909,603	7,625	7,155
75	57	65 419	343,485	2 528,031	7,360	6,890
76	58	62 972	308,283	2 184,546	7,086	6,616
77	59	60 367	275,555	1 876,263	6,809	6,339
78	60	57 638	245,312	1 600,708	6,525	6,055
79	61	54 727	217,177	1 355,396	6,241	5,771
80	62	51 669	191,183	1 138,220	5,954	5,484
81	63	48 455	167,170	947,036	5,665	5,195
82	64	45 022	144,827	779,867	5,385	4,915
83	65	41 439	124,290	635,040	5,109	4,639
84	66	37 760	105,599	510,751	4,837	4,367
85	67	33 986	88,619	405,152	4,572	4,102
86	68	30 140	73,277	316,533	4,320	3,850
87	69	26 314	59,651	243,256	4,078	3,608
88	70	22 574	47,713	183,605	3,848	3,378
89	71	18 975	37,395	135,891	3,634	3,164
90	72	15 625	28,711	98,496	3,431	2,961
91	73	12 598	21,585	69,785	3,233	2,763
92	74	9 925	15,855	48,199	3,040	2,570
93	75	7 551	11,247	32,344	2,876	2,406
94	76	5 603	7,782	21,097	2,711	2,241
95	77	4 002	5,182	13,316	2,569	2,100
96	78	2 773	3,348	8,133	2,429	1,959
97	79	1 828	2,058	4,785	2,326	1,856
98	80	1 174	1,233	2,727	2,213	1,743
99	81	723	0,708	1,495	2,112	1,642
100	82	427	0,389	0,787	2,021	1,551

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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19	0	99 384	26 288,535	376 719,696	14,330	13,860
20	1	99 046	24 428,071	350 431,160	14,345	13,876
21	2	98 978	22 761,276	326 003,089	14,323	13,853
22	3	98 926	21 211,399	303 241,813	14,296	13,826
23	4	98 871	19 766,517	282 030,414	14,268	13,798
24	5	98 821	18 421,008	262 263,897	14,237	13,767
25	6	98 765	17 166,080	243 842,889	14,205	13,735
26	7	98 713	15 997,244	226 676,809	14,170	13,700
27	8	98 663	14 908,309	210 679,565	14,132	13,662
28	9	98 611	13 893,133	195 771,256	14,091	13,621
29	10	98 557	12 946,897	181 878,123	14,048	13,578
30	11	98 500	12 064,696	168 931,226	14,002	13,532
31	12	98 437	11 241,949	156 866,530	13,954	13,484
32	13	98 369	10 474,726	145 624,580	13,902	13,433
33	14	98 297	9 759,533	135 149,854	13,848	13,378
34	15	98 216	9 092,301	125 390,322	13,791	13,321
35	16	98 128	8 470,115	116 298,021	13,730	13,260
36	17	98 035	7 890,045	107 827,906	13,666	13,196
37	18	97 938	7 349,362	99 937,860	13,598	13,128
38	19	97 822	6 844,489	92 588,498	13,527	13,058
39	20	97 701	6 373,880	85 744,009	13,452	12,983
40	21	97 574	5 935,294	79 370,130	13,373	12,903
41	22	97 437	5 526,312	73 434,836	13,288	12,818
42	23	97 291	5 145,028	67 908,524	13,199	12,729
43	24	97 134	4 789,455	62 763,496	13,105	12,635
44	25	96 967	4 458,014	57 974,040	13,004	12,535
45	26	96 774	4 148,394	53 516,026	12,900	12,431
46	27	96 566	3 859,663	49 367,632	12,791	12,321
47	28	96 335	3 590,139	45 507,969	12,676	12,206
48	29	96 084	3 338,735	41 917,830	12,555	12,085
49	30	95 804	3 103,970	38 579,095	12,429	11,959
50	31	95 489	2 884,630	35 475,125	12,298	11,828
51	32	95 142	2 679,849	32 590,495	12,161	11,691
52	33	94 757	2 488,591	29 910,646	12,019	11,549
53	34	94 331	2 309,924	27 422,055	11,871	11,402
54	35	93 850	2 142,788	25 112,131	11,719	11,249
55	36	93 312	1 986,497	22 969,344	11,563	11,093
56	37	92 718	1 840,416	20 982,847	11,401	10,931
57	38	92 064	1 703,892	19 142,431	11,235	10,765
58	39	91 333	1 576,110	17 438,539	11,064	10,594
59	40	90 534	1 456,704	15 862,429	10,889	10,419
60	41	89 663	1 345,171	14 405,725	10,709	10,239
61	42	88 716	1 240,988	13 060,554	10,524	10,054
62	43	87 687	1 143,669	11 819,566	10,335	9,865
63	44	86 561	1 052,667	10 675,897	10,142	9,672
64	45	85 354	967,830	9 623,230	9,943	9,473
65	46	84 041	888,519	8 655,401	9,741	9,271
66	47	82 644	814,687	7 766,882	9,534	9,064
67	48	81 160	745,977	6 952,195	9,320	8,850
68	49	79 573	681,944	6 206,218	9,101	8,631
69	50	77 910	622,559	5 524,275	8,873	8,404
70	51	76 125	567,174	4 901,715	8,642	8,172
71	52	74 268	515,931	4 334,541	8,401	7,931
72	53	72 269	468,107	3 818,610	8,158	7,688
73	54	70 196	423,944	3 350,503	7,903	7,433
74	55	67 981	382,814	2 926,559	7,645	7,175
75	56	65 654	344,718	2 543,745	7,379	6,909
76	57	63 220	309,498	2 199,027	7,105	6,635
77	58	60 631	276,759	1 889,530	6,827	6,357
78	59	57 910	246,472	1 612,771	6,543	6,074
79	60	55 017	218,329	1 366,299	6,258	5,788
80	61	51 965	192,276	1 147,971	5,970	5,501
81	62	48 754	168,201	955,694	5,682	5,212
82	63	45 328	145,811	787,493	5,401	4,931
83	64	41 751	125,225	641,682	5,124	4,654
84	65	38 063	106,447	516,457	4,852	4,382
85	66	34 286	89,402	410,010	4,586	4,116
86	67	30 428	73,979	320,607	4,334	3,864
87	68	26 592	60,282	246,628	4,091	3,621
88	69	22 838	48,271	186,347	3,860	3,391
89	70	19 217	37,872	138,076	3,646	3,176
90	71	15 842	29,110	100,203	3,442	2,972
91	72	12 788	21,910	71,093	3,245	2,775
92	73	10 090	16,120	49,183	3,051	2,581
93	74	7 688	11,451	33,063	2,887	2,417
94	75	5 713	7,934	21,612	2,724	2,254
95	76	4 090	5,296	13,678	2,582	2,113
96	77	2 841	3,430	8,381	2,443	1,974
97	78	1 879	2,116	4,951	2,340	1,870
98	79	1 212	1,273	2,836	2,228	1,758
99	80	751	0,735	1,563	2,127	1,658
100	81	446	0,407	0,828	2,037	1,567

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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20	0	99 344	24 501,707	350 578,866	14,308	13,838
21	1	99 003	22 766,921	326 077,158	14,322	13,853
22	2	98 938	21 214,034	303 310,238	14,298	13,828
23	3	98 881	19 768,556	282 096,203	14,270	13,800
24	4	98 830	18 422,771	262 327,648	14,239	13,769
25	5	98 774	17 167,609	243 904,877	14,207	13,737
26	6	98 722	15 998,660	226 737,268	14,172	13,702
27	7	98 668	14 909,001	210 738,608	14,135	13,665
28	8	98 618	13 894,101	195 829,607	14,094	13,625
29	9	98 563	12 947,689	181 935,505	14,052	13,582
30	10	98 506	12 065,402	168 987,816	14,006	13,536
31	11	98 445	11 242,819	156 922,414	13,958	13,488
32	12	98 376	10 475,549	145 679,595	13,907	13,437
33	13	98 306	9 760,452	135 204,047	13,852	13,382
34	14	98 225	9 093,139	125 443,595	13,795	13,326
35	15	98 140	8 471,146	116 350,455	13,735	13,265
36	16	98 050	7 891,207	107 879,310	13,671	13,201
37	17	97 951	7 350,363	99 988,102	13,603	13,133
38	18	97 842	6 845,838	92 637,739	13,532	13,062
39	19	97 718	6 374,994	85 791,902	13,458	12,988
40	20	97 592	5 936,391	79 416,908	13,378	12,908
41	21	97 453	5 527,224	73 480,517	13,294	12,824
42	22	97 307	5 145,866	67 953,293	13,205	12,736
43	23	97 151	4 790,317	62 807,427	13,111	12,641
44	24	96 984	4 458,817	58 017,110	13,012	12,542
45	25	96 792	4 149,183	53 558,293	12,908	12,438
46	26	96 584	3 860,390	49 409,110	12,799	12,329
47	27	96 356	3 590,912	45 548,720	12,684	12,215
48	28	96 107	3 339,522	41 957,809	12,564	12,094
49	29	95 829	3 104,773	38 618,286	12,438	11,968
50	30	95 520	2 885,545	35 513,513	12,307	11,837
51	31	95 172	2 680,691	32 627,968	12,171	11,702
52	32	94 790	2 489,444	29 947,277	12,030	11,560
53	33	94 365	2 310,756	27 457,833	11,883	11,413
54	34	93 888	2 143,658	25 147,077	11,731	11,261
55	35	93 351	1 987,316	23 003,419	11,575	11,105
56	36	92 761	1 841,260	21 016,103	11,414	10,944
57	37	92 107	1 704,701	19 174,844	11,248	10,778
58	38	91 389	1 577,062	17 470,142	11,078	10,608
59	39	90 589	1 457,580	15 893,080	10,904	10,434
60	40	89 725	1 346,094	14 435,500	10,724	10,254
61	41	88 782	1 241,908	13 089,407	10,540	10,070
62	42	87 756	1 144,577	11 847,499	10,351	9,881
63	43	86 639	1 053,624	10 702,922	10,158	9,688
64	44	85 437	968,770	9 649,298	9,960	9,490
65	45	84 138	889,544	8 680,528	9,758	9,289
66	46	82 745	815,680	7 790,985	9,552	9,082
67	47	81 272	747,001	6 975,305	9,338	8,868
68	48	79 700	683,032	6 228,304	9,119	8,649
69	49	78 047	623,649	5 545,272	8,892	8,422
70	50	76 266	568,227	4 921,622	8,661	8,191
71	51	74 427	517,039	4 353,395	8,420	7,950
72	52	72 438	469,202	3 836,356	8,176	7,706
73	53	70 377	425,035	3 367,154	7,922	7,452
74	54	68 178	383,923	2 942,119	7,663	7,193
75	55	65 868	345,840	2 558,196	7,397	6,927
76	56	63 447	310,609	2 212,356	7,123	6,653
77	57	60 870	277,849	1 901,747	6,845	6,375
78	58	58 163	247,548	1 623,898	6,560	6,090
79	59	55 277	219,361	1 376,350	6,274	5,804
80	60	52 241	193,296	1 156,989	5,986	5,516
81	61	49 033	169,163	963,692	5,697	5,227
82	62	45 608	146,711	794,529	5,416	4,946
83	63	42 035	126,076	647,818	5,138	4,668
84	64	38 350	107,248	521,742	4,865	4,395
85	65	34 562	90,121	414,494	4,599	4,129
86	66	30 697	74,633	324,373	4,346	3,876
87	67	26 847	60,859	249,740	4,104	3,634
88	68	23 079	48,782	188,881	3,872	3,402
89	69	19 442	38,315	140,100	3,657	3,187
90	70	16 044	29,482	101,785	3,452	2,983
91	71	12 966	22,214	72,303	3,255	2,785
92	72	10 242	16,362	50,088	3,061	2,591
93	73	7 816	11,643	33,726	2,897	2,427
94	74	5 817	8,078	22,084	2,734	2,264
95	75	4 170	5,400	14,006	2,594	2,124
96	76	2 903	3,506	8,605	2,455	1,985
97	77	1 925	2,167	5,100	2,353	1,883
98	78	1 247	1,309	2,933	2,241	1,771
99	79	775	0,758	1,624	2,141	1,671
100	80	463	0,422	0,866	2,051	1,581

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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21	0	99 301	22 835,549	326 213,277	14,285	13,815
22	1	98 963	21 219,295	303 377,728	14,297	13,827
23	2	98 893	19 771,012	282 158,433	14,271	13,801
24	3	98 841	18 424,671	262 387,421	14,241	13,771
25	4	98 783	17 169,252	243 962,750	14,209	13,739
26	5	98 731	16 000,085	226 793,498	14,175	13,705
27	6	98 677	14 910,320	210 793,413	14,137	13,668
28	7	98 622	13 894,747	195 883,093	14,098	13,628
29	8	98 570	12 948,592	181 988,346	14,055	13,585
30	9	98 512	12 066,140	169 039,754	14,009	13,540
31	10	98 450	11 243,476	156 973,614	13,961	13,491
32	11	98 384	10 476,359	145 730,138	13,910	13,440
33	12	98 314	9 761,219	135 253,779	13,856	13,386
34	13	98 234	9 093,996	125 492,561	13,799	13,330
35	14	98 149	8 471,927	116 398,565	13,739	13,269
36	15	98 062	7 892,168	107 926,638	13,675	13,205
37	16	97 965	7 351,445	100 034,470	13,607	13,138
38	17	97 855	6 846,770	92 683,025	13,537	13,067
39	18	97 737	6 376,250	85 836,255	13,462	12,992
40	19	97 609	5 937,429	79 460,004	13,383	12,913
41	20	97 471	5 528,246	73 522,575	13,299	12,830
42	21	97 323	5 146,715	67 994,330	13,211	12,741
43	22	97 167	4 791,097	62 847,615	13,118	12,648
44	23	97 002	4 459,619	58 056,518	13,018	12,548
45	24	96 810	4 149,930	53 596,899	12,915	12,445
46	25	96 603	3 861,124	49 446,969	12,806	12,336
47	26	96 374	3 591,587	45 585,845	12,692	12,222
48	27	96 128	3 340,241	41 994,257	12,572	12,102
49	28	95 852	3 105,505	38 654,016	12,447	11,977
50	29	95 544	2 886,292	35 548,511	12,316	11,846
51	30	95 202	2 681,541	32 662,219	12,180	11,710
52	31	94 820	2 490,226	29 980,678	12,039	11,569
53	32	94 397	2 311,548	27 490,452	11,893	11,423
54	33	93 922	2 144,431	25 178,904	11,742	11,272
55	34	93 389	1 988,123	23 034,473	11,586	11,116
56	35	92 799	1 842,019	21 046,350	11,426	10,956
57	36	92 150	1 705,483	19 204,331	11,260	10,790
58	37	91 432	1 577,811	17 498,848	11,091	10,621
59	38	90 643	1 458,460	15 921,037	10,916	10,446
60	39	89 779	1 346,903	14 462,577	10,738	10,268
61	40	88 843	1 242,760	13 115,674	10,554	10,084
62	41	87 821	1 145,425	11 872,914	10,366	9,896
63	42	86 708	1 054,461	10 727,489	10,173	9,704
64	43	85 515	969,650	9 673,028	9,976	9,506
65	44	84 220	890,408	8 703,378	9,775	9,305
66	45	82 840	816,621	7 812,970	9,567	9,098
67	46	81 371	747,911	6 996,349	9,355	8,885
68	47	79 809	683,970	6 248,438	9,136	8,666
69	48	78 171	624,645	5 564,468	8,908	8,438
70	49	76 400	569,222	4 939,823	8,678	8,208
71	50	74 565	517,999	4 370,601	8,437	7,968
72	51	72 593	470,209	3 852,602	8,193	7,723
73	52	70 541	426,029	3 382,393	7,939	7,469
74	53	68 353	384,911	2 956,364	7,681	7,211
75	54	66 059	346,842	2 571,453	7,414	6,944
76	55	63 653	311,620	2 224,610	7,139	6,669
77	56	61 088	278,846	1 912,990	6,860	6,390
78	57	58 393	248,524	1 634,144	6,575	6,106
79	58	55 519	220,319	1 385,620	6,289	5,819
80	59	52 488	194,210	1 165,301	6,000	5,530
81	60	49 293	170,061	971,090	5,710	5,240
82	61	45 869	147,550	801,030	5,429	4,959
83	62	42 294	126,854	653,480	5,151	4,682
84	63	38 610	107,977	526,626	4,877	4,407
85	64	34 822	90,799	418,649	4,611	4,141
86	65	30 944	75,233	327,850	4,358	3,888
87	66	27 084	61,397	252,617	4,115	3,645
88	67	23 300	49,249	191,220	3,883	3,413
89	68	19 647	38,720	141,972	3,667	3,197
90	69	16 231	29,826	103,251	3,462	2,992
91	70	13 131	22,498	73,425	3,264	2,794
92	71	10 384	16,589	50,927	3,070	2,600
93	72	7 934	11,818	34,338	2,906	2,436
94	73	5 914	8,213	22,520	2,742	2,272
95	74	4 246	5,498	14,307	2,602	2,132
96	75	2 960	3,574	8,809	2,464	1,995
97	76	1 967	2,215	5,234	2,363	1,893
98	77	1 277	1,341	3,019	2,252	1,783
99	78	797	0,780	1,679	2,153	1,683
100	79	478	0,436	0,899	2,063	1,593

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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22	0	99 261	21 283,259	303 503,177	14,260	13,790
23	1	98 918	19 775,915	282 219,918	14,271	13,801
24	2	98 853	18 426,960	262 444,003	14,242	13,772
25	3	98 794	17 171,023	244 017,043	14,211	13,741
26	4	98 740	16 001,616	226 846,020	14,176	13,707
27	5	98 685	14 911,649	210 844,404	14,140	13,670
28	6	98 631	13 895,976	195 932,756	14,100	13,630
29	7	98 574	12 949,193	182 036,780	14,058	13,588
30	8	98 518	12 066,981	169 087,587	14,012	13,543
31	9	98 456	11 244,164	157 020,606	13,965	13,495
32	10	98 390	10 476,971	145 776,441	13,914	13,444
33	11	98 322	9 761,974	135 299,470	13,860	13,390
34	12	98 242	9 094,710	125 537,496	13,803	13,333
35	13	98 159	8 472,725	116 442,786	13,743	13,273
36	14	98 071	7 892,895	107 970,061	13,679	13,210
37	15	97 977	7 352,340	100 077,166	13,612	13,142
38	16	97 869	6 847,778	92 724,826	13,541	13,071
39	17	97 751	6 377,119	85 877,048	13,466	12,997
40	18	97 628	5 938,599	79 499,929	13,387	12,917
41	19	97 488	5 529,212	73 561,330	13,304	12,834
42	20	97 341	5 147,666	68 032,118	13,216	12,746
43	21	97 183	4 791,888	62 884,452	13,123	12,653
44	22	97 017	4 460,345	58 092,564	13,024	12,554
45	23	96 827	4 150,677	53 632,219	12,921	12,451
46	24	96 620	3 861,819	49 481,542	12,813	12,343
47	25	96 392	3 592,271	45 619,723	12,699	12,230
48	26	96 146	3 340,870	42 027,452	12,580	12,110
49	27	95 872	3 106,173	38 686,582	12,455	11,985
50	28	95 567	2 886,972	35 580,409	12,324	11,855
51	29	95 227	2 682,235	32 693,436	12,189	11,719
52	30	94 850	2 491,016	30 011,201	12,048	11,578
53	31	94 427	2 312,274	27 520,185	11,902	11,432
54	32	93 954	2 145,166	25 207,911	11,751	11,281
55	33	93 422	1 988,839	23 062,745	11,596	11,126
56	34	92 837	1 842,767	21 073,906	11,436	10,966
57	35	92 188	1 706,186	19 231,139	11,271	10,802
58	36	91 474	1 578,534	17 524,952	11,102	10,632
59	37	90 686	1 459,153	15 946,418	10,929	10,459
60	38	89 833	1 347,716	14 487,265	10,749	10,280
61	39	88 896	1 243,507	13 139,549	10,567	10,097
62	40	87 881	1 146,211	11 896,042	10,379	9,909
63	41	86 772	1 055,242	10 749,831	10,187	9,717
64	42	85 583	970,421	9 694,588	9,990	9,520
65	43	84 296	891,217	8 724,168	9,789	9,319
66	44	82 921	817,414	7 832,951	9,583	9,113
67	45	81 465	748,774	7 015,537	9,369	8,899
68	46	79 907	684,803	6 266,763	9,151	8,681
69	47	78 279	625,502	5 581,959	8,924	8,454
70	48	76 522	570,131	4 956,457	8,694	8,224
71	49	74 696	518,906	4 386,326	8,453	7,983
72	50	72 728	471,082	3 867,420	8,210	7,740
73	51	70 693	426,944	3 396,338	7,955	7,485
74	52	68 513	385,811	2 969,394	7,696	7,227
75	53	66 229	347,735	2 583,582	7,430	6,960
76	54	63 838	312,523	2 235,847	7,154	6,684
77	55	61 287	279,754	1 923,324	6,875	6,405
78	56	58 602	249,416	1 643,570	6,590	6,120
79	57	55 737	221,187	1 394,154	6,303	5,833
80	58	52 717	195,059	1 172,967	6,013	5,544
81	59	49 526	170,865	977,908	5,723	5,253
82	60	46 112	148,332	807,044	5,441	4,971
83	61	42 536	127,580	658,711	5,163	4,693
84	62	38 849	108,644	531,132	4,889	4,419
85	63	35 059	91,416	422,488	4,622	4,152
86	64	31 177	75,799	331,072	4,368	3,898
87	65	27 301	61,890	255,273	4,125	3,655
88	66	23 506	49,684	193,383	3,892	3,422
89	67	19 835	39,091	143,699	3,676	3,206
90	68	16 403	30,142	104,608	3,471	3,001
91	69	13 284	22,761	74,466	3,272	2,802
92	70	10 517	16,801	51,705	3,078	2,608
93	71	8 044	11,982	34,904	2,913	2,443
94	72	6 003	8,337	22,922	2,750	2,280
95	73	4 317	5,590	14,586	2,609	2,139
96	74	3 014	3,639	8,996	2,472	2,002
97	75	2 006	2,258	5,356	2,372	1,902
98	76	1 305	1,370	3,098	2,261	1,791
99	77	816	0,799	1,728	2,163	1,693
100	78	491	0,448	0,929	2,073	1,604

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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23	0	99 216	19 835,528	282 335,537	14,234	13,764
24	1	98 877	18 431,530	262 500,010	14,242	13,772
25	2	98 806	17 173,156	244 068,480	14,212	13,742
26	3	98 750	16 003,266	226 895,323	14,178	13,708
27	4	98 695	14 913,076	210 892,057	14,141	13,672
28	5	98 640	13 897,214	195 978,981	14,102	13,632
29	6	98 583	12 950,339	182 081,767	14,060	13,590
30	7	98 523	12 067,542	169 131,429	14,015	13,546
31	8	98 463	11 244,948	157 063,887	13,968	13,498
32	9	98 396	10 477,612	145 818,939	13,917	13,447
33	10	98 327	9 762,545	135 341,327	13,863	13,393
34	11	98 250	9 095,413	125 578,782	13,807	13,337
35	12	98 166	8 473,391	116 483,369	13,747	13,277
36	13	98 080	7 893,639	108 009,978	13,683	13,213
37	14	97 986	7 353,018	100 116,339	13,616	13,146
38	15	97 881	6 848,611	92 763,321	13,545	13,075
39	16	97 765	6 378,058	85 914,710	13,470	13,000
40	17	97 642	5 939,408	79 536,652	13,391	12,921
41	18	97 508	5 530,302	73 597,244	13,308	12,838
42	19	97 358	5 148,566	68 066,943	13,221	12,751
43	20	97 201	4 792,774	62 918,376	13,128	12,658
44	21	97 033	4 461,081	58 125,603	13,029	12,560
45	22	96 843	4 151,353	53 664,522	12,927	12,457
46	23	96 638	3 862,514	49 513,169	12,819	12,349
47	24	96 410	3 592,917	45 650,655	12,706	12,236
48	25	96 164	3 341,505	42 057,738	12,586	12,117
49	26	95 890	3 106,758	38 716,232	12,462	11,992
50	27	95 588	2 887,594	35 609,474	12,332	11,862
51	28	95 249	2 682,868	32 721,880	12,197	11,727
52	29	94 874	2 491,660	30 039,013	12,056	11,586
53	30	94 457	2 313,008	27 547,352	11,910	11,440
54	31	93 983	2 145,839	25 234,344	11,760	11,290
55	32	93 454	1 989,521	23 088,505	11,605	11,135
56	33	92 870	1 843,431	21 098,984	11,445	10,976
57	34	92 225	1 706,879	19 255,552	11,281	10,811
58	35	91 512	1 579,185	17 548,673	11,112	10,643
59	36	90 728	1 459,822	15 969,488	10,939	10,469
60	37	89 876	1 348,356	14 509,666	10,761	10,291
61	38	88 950	1 244,258	13 161,309	10,578	10,108
62	39	87 934	1 146,900	11 917,052	10,391	9,921
63	40	86 832	1 055,966	10 770,151	10,199	9,729
64	41	85 646	971,139	9 714,185	10,003	9,533
65	42	84 363	891,925	8 743,046	9,802	9,333
66	43	82 996	818,157	7 851,120	9,596	9,126
67	44	81 544	749,501	7 032,963	9,384	8,914
68	45	79 999	685,593	6 283,462	9,165	8,695
69	46	78 374	626,265	5 597,868	8,939	8,469
70	47	76 627	570,913	4 971,604	8,708	8,238
71	48	74 815	519,735	4 400,691	8,467	7,997
72	49	72 856	471,907	3 880,956	8,224	7,754
73	50	70 824	427,737	3 409,049	7,970	7,500
74	51	68 660	386,640	2 981,312	7,711	7,241
75	52	66 384	348,548	2 594,672	7,444	6,974
76	53	64 002	313,328	2 246,124	7,169	6,699
77	54	61 465	280,565	1 932,796	6,889	6,419
78	55	58 793	250,228	1 652,232	6,603	6,133
79	56	55 938	221,981	1 402,004	6,316	5,846
80	57	52 925	195,827	1 180,023	6,026	5,556
81	58	49 742	171,611	984,195	5,735	5,265
82	59	46 330	149,034	812,584	5,452	4,982
83	60	42 762	128,256	663,551	5,174	4,704
84	61	39 071	109,265	535,294	4,899	4,429
85	62	35 275	91,981	426,030	4,632	4,162
86	63	31 389	76,314	334,049	4,377	3,907
87	64	27 507	62,356	257,735	4,133	3,663
88	65	23 695	50,083	195,379	3,901	3,431
89	66	20 011	39,437	145,296	3,684	3,214
90	67	16 560	30,430	105,859	3,479	3,009
91	68	13 425	23,002	75,429	3,279	2,809
92	69	10 640	16,997	52,427	3,084	2,615
93	70	8 147	12,135	35,430	2,920	2,450
94	71	6 086	8,452	23,295	2,756	2,286
95	72	4 382	5,674	14,843	2,616	2,146
96	73	3 064	3,700	9,169	2,478	2,008
97	74	2 042	2,299	5,469	2,378	1,908
98	75	1 331	1,397	3,169	2,269	1,799
99	76	834	0,816	1,772	2,171	1,701
100	77	503	0,459	0,956	2,083	1,613

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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24	0	99 175	18 487,090	262 606,577	14,205	13,735
25	1	98 830	17 177,415	244 119,487	14,212	13,742
26	2	98 763	16 005,255	226 942,071	14,179	13,709
27	3	98 705	14 914,614	210 936,817	14,143	13,673
28	4	98 649	13 898,544	196 022,203	14,104	13,634
29	5	98 592	12 951,493	182 123,659	14,062	13,592
30	6	98 532	12 068,609	169 172,167	14,018	13,548
31	7	98 468	11 245,470	157 103,558	13,970	13,500
32	8	98 403	10 478,343	145 858,087	13,920	13,450
33	9	98 333	9 763,142	135 379,745	13,866	13,397
34	10	98 255	9 095,945	125 616,603	13,810	13,340
35	11	98 174	8 474,046	116 520,657	13,750	13,280
36	12	98 088	7 894,259	108 046,612	13,687	13,217
37	13	97 996	7 353,711	100 152,353	13,619	13,149
38	14	97 890	6 849,243	92 798,642	13,549	13,079
39	15	97 777	6 378,834	85 949,399	13,474	13,004
40	16	97 656	5 940,282	79 570,565	13,395	12,925
41	17	97 521	5 531,055	73 630,283	13,312	12,842
42	18	97 377	5 149,581	68 099,228	13,224	12,754
43	19	97 218	4 793,612	62 949,647	13,132	12,662
44	20	97 051	4 461,906	58 156,036	13,034	12,564
45	21	96 859	4 152,037	53 694,130	12,932	12,462
46	22	96 653	3 863,143	49 542,092	12,824	12,354
47	23	96 427	3 593,564	45 678,949	12,711	12,241
48	24	96 181	3 342,107	42 085,385	12,592	12,123
49	25	95 909	3 107,349	38 743,278	12,468	11,998
50	26	95 605	2 888,137	35 635,929	12,339	11,869
51	27	95 270	2 683,445	32 747,792	12,204	11,734
52	28	94 897	2 492,248	30 064,347	12,063	11,593
53	29	94 481	2 313,607	27 572,099	11,917	11,447
54	30	94 013	2 146,520	25 258,492	11,767	11,297
55	31	93 484	1 990,146	23 111,972	11,613	11,143
56	32	92 902	1 844,063	21 121,826	11,454	10,984
57	33	92 258	1 707,495	19 277,763	11,290	10,820
58	34	91 549	1 579,827	17 570,268	11,122	10,652
59	35	90 765	1 460,424	15 990,442	10,949	10,479
60	36	89 917	1 348,975	14 530,018	10,771	10,301
61	37	88 992	1 244,849	13 181,043	10,588	10,119
62	38	87 987	1 147,593	11 936,194	10,401	9,931
63	39	86 884	1 056,601	10 788,602	10,211	9,741
64	40	85 705	971,806	9 732,000	10,014	9,544
65	41	84 426	892,586	8 760,194	9,814	9,345
66	42	83 062	818,807	7 867,608	9,609	9,139
67	43	81 618	750,183	7 048,801	9,396	8,926
68	44	80 076	686,259	6 298,619	9,178	8,708
69	45	78 464	626,987	5 612,359	8,951	8,481
70	46	76 720	571,609	4 985,372	8,722	8,252
71	47	74 918	520,448	4 413,763	8,481	8,011
72	48	72 972	472,661	3 893,315	8,237	7,767
73	49	70 948	428,486	3 420,655	7,983	7,513
74	50	68 788	387,357	2 992,169	7,725	7,255
75	51	66 526	349,297	2 604,811	7,457	6,987
76	52	64 152	314,060	2 255,515	7,182	6,712
77	53	61 623	281,287	1 941,454	6,902	6,432
78	54	58 963	250,953	1 660,167	6,615	6,146
79	55	56 120	222,704	1 409,215	6,328	5,858
80	56	53 114	196,530	1 186,510	6,037	5,567
81	57	49 938	172,287	989,980	5,746	5,276
82	58	46 532	149,685	817,693	5,463	4,993
83	59	42 964	128,863	668,009	5,184	4,714
84	60	39 278	109,844	539,146	4,908	4,438
85	61	35 477	92,506	429,301	4,641	4,171
86	62	31 582	76,785	336,795	4,386	3,916
87	63	27 694	62,780	260,010	4,142	3,672
88	64	23 873	50,460	197,230	3,909	3,439
89	65	20 171	39,753	146,770	3,692	3,222
90	66	16 707	30,699	107,016	3,486	3,016
91	67	13 553	23,222	76,317	3,286	2,817
92	68	10 752	17,177	53,095	3,091	2,621
93	69	8 242	12,276	35,918	2,926	2,456
94	70	6 164	8,560	23,642	2,762	2,292
95	71	4 443	5,753	15,081	2,621	2,152
96	72	3 110	3,756	9,328	2,484	2,014
97	73	2 077	2,338	5,573	2,384	1,914
98	74	1 355	1,422	3,235	2,274	1,805
99	75	851	0,832	1,813	2,177	1,707
100	76	514	0,469	0,980	2,089	1,620

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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25	0	99 128	17 229,195	244 217,714	14,175	13,705
26	1	98 787	16 009,224	226 988,519	14,179	13,709
27	2	98 717	14 916,467	210 979,295	14,144	13,674
28	3	98 659	13 899,977	196 062,828	14,105	13,635
29	4	98 601	12 952,732	182 162,851	14,064	13,594
30	5	98 541	12 069,684	169 210,119	14,019	13,550
31	6	98 476	11 246,465	157 140,435	13,972	13,503
32	7	98 407	10 478,829	145 893,969	13,923	13,453
33	8	98 340	9 763,822	135 415,140	13,869	13,399
34	9	98 261	9 096,502	125 651,318	13,813	13,343
35	10	98 180	8 474,542	116 554,816	13,754	13,284
36	11	98 095	7 894,869	108 080,274	13,690	13,220
37	12	98 003	7 354,288	100 185,405	13,623	13,153
38	13	97 900	6 849,888	92 831,117	13,552	13,082
39	14	97 786	6 379,422	85 981,228	13,478	13,008
40	15	97 668	5 941,005	79 601,806	13,399	12,929
41	16	97 535	5 531,869	73 660,801	13,316	12,846
42	17	97 391	5 150,282	68 128,932	13,228	12,758
43	18	97 237	4 794,556	62 978,650	13,135	12,666
44	19	97 068	4 462,686	58 184,094	13,038	12,568
45	20	96 877	4 152,805	53 721,408	12,936	12,466
46	21	96 669	3 863,781	49 568,603	12,829	12,359
47	22	96 443	3 594,149	45 704,822	12,716	12,247
48	23	96 199	3 342,708	42 110,673	12,598	12,128
49	24	95 926	3 107,908	38 767,965	12,474	12,004
50	25	95 624	2 888,687	35 660,056	12,345	11,875
51	26	95 288	2 683,950	32 771,369	12,210	11,740
52	27	94 917	2 492,784	30 087,419	12,070	11,600
53	28	94 504	2 314,152	27 594,635	11,924	11,454
54	29	94 038	2 147,076	25 280,483	11,774	11,304
55	30	93 513	1 990,777	23 133,408	11,620	11,150
56	31	92 931	1 844,642	21 142,630	11,462	10,992
57	32	92 290	1 708,080	19 297,988	11,298	10,828
58	33	91 582	1 580,396	17 589,908	11,130	10,660
59	34	90 802	1 461,017	16 009,512	10,958	10,488
60	35	89 954	1 349,531	14 548,495	10,780	10,311
61	36	89 033	1 245,420	13 198,964	10,598	10,128
62	37	88 029	1 148,138	11 953,544	10,411	9,941
63	38	86 937	1 057,239	10 805,406	10,220	9,751
64	39	85 757	972,390	9 748,167	10,025	9,555
65	40	84 484	893,198	8 775,777	9,825	9,355
66	41	83 124	819,414	7 882,578	9,620	9,150
67	42	81 683	750,779	7 063,165	9,408	8,938
68	43	80 149	686,883	6 312,386	9,190	8,720
69	44	78 541	627,596	5 625,503	8,964	8,494
70	45	76 809	572,269	4 997,907	8,733	8,264
71	46	75 009	521,082	4 425,638	8,493	8,023
72	47	73 072	473,309	3 904,556	8,249	7,780
73	48	71 061	429,170	3 431,247	7,995	7,525
74	49	68 908	388,036	3 002,077	7,737	7,267
75	50	66 650	349,945	2 614,041	7,470	7,000
76	51	64 289	314,735	2 264,096	7,194	6,724
77	52	61 767	281,945	1 949,361	6,914	6,444
78	53	59 115	251,599	1 667,416	6,627	6,157
79	54	56 282	223,349	1 415,818	6,339	5,869
80	55	53 287	197,170	1 192,468	6,048	5,578
81	56	50 118	172,906	995,298	5,756	5,286
82	57	46 716	150,274	822,393	5,473	5,003
83	58	43 152	129,426	672,118	5,193	4,723
84	59	39 464	110,364	542,692	4,917	4,447
85	60	35 665	92,997	432,329	4,649	4,179
86	61	31 763	77,224	339,332	4,394	3,924
87	62	27 865	63,167	262,107	4,149	3,680
88	63	24 035	50,803	198,940	3,916	3,446
89	64	20 323	40,053	148,137	3,699	3,229
90	65	16 841	30,946	108,084	3,493	3,023
91	66	13 673	23,427	77,138	3,293	2,823
92	67	10 855	17,342	53,711	3,097	2,627
93	68	8 329	12,406	36,370	2,932	2,462
94	69	6 236	8,660	23,963	2,767	2,297
95	70	4 499	5,826	15,303	2,626	2,157
96	71	3 154	3,808	9,477	2,489	2,019
97	72	2 108	2,373	5,669	2,389	1,919
98	73	1 378	1,446	3,296	2,279	1,809
99	74	866	0,848	1,850	2,182	1,713
100	75	524	0,478	1,002	2,095	1,625

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 409 858,597	14,099	13,628
1	1	99 344	92 413,311	1 309 858,597	14,174	13,704
2	2	99 292	85 920,800	1 217 445,286	14,169	13,699
3	3	99 264	79 903,921	1 131 524,486	14,161	13,691
4	4	99 243	74 313,467	1 051 620,564	14,151	13,681
5	5	99 223	69 114,828	977 307,097	14,140	13,670
6	6	99 204	64 280,678	908 192,269	14,129	13,658
7	7	99 187	59 785,255	843 911,591	14,116	13,645
8	8	99 174	55 606,817	784 126,336	14,101	13,631
9	9	99 158	51 719,243	728 519,520	14,086	13,616
10	10	99 144	48 104,132	676 800,276	14,069	13,599
11	11	99 130	44 741,867	628 696,145	14,052	13,581
12	12	99 115	41 613,902	583 954,278	14,033	13,562
13	13	99 101	38 704,902	542 340,376	14,012	13,542
14	14	99 082	35 997,716	503 635,474	13,991	13,520
15	15	99 059	33 478,617	467 637,759	13,968	13,498
16	16	99 031	31 134,132	434 159,141	13,945	13,475
17	17	98 992	28 950,553	403 025,009	13,921	13,451
18	18	98 951	26 919,682	374 074,456	13,896	13,426
19	19	98 894	25 027,037	347 154,774	13,871	13,401
20	20	98 837	23 267,639	322 127,737	13,844	13,374
21	21	98 777	21 630,969	298 860,098	13,816	13,346
22	22	98 720	20 110,360	277 229,129	13,785	13,315
23	23	98 659	18 695,781	257 118,769	13,753	13,282
24	24	98 601	17 381,173	238 422,988	13,717	13,247
25	25	98 537	16 157,947	221 041,815	13,680	13,210
26	26	98 475	15 021,208	204 883,868	13,640	13,169
27	27	98 411	13 964,177	189 862,660	13,596	13,126
28	28	98 344	12 981,139	175 898,483	13,550	13,080
29	29	98 274	12 066,779	162 917,344	13,501	13,031
30	30	98 197	11 216,152	150 850,565	13,449	12,979
31	31	98 111	10 424,466	139 634,413	13,395	12,925
32	32	98 019	9 688,162	129 209,947	13,337	12,867
33	33	97 924	9 003,444	119 521,785	13,275	12,805
34	34	97 817	8 366,153	110 518,341	13,210	12,740
35	35	97 702	7 773,322	102 152,188	13,141	12,671
36	36	97 583	7 222,218	94 378,866	13,068	12,598
37	37	97 455	6 709,491	87 156,648	12,990	12,520
38	38	97 313	6 232,311	80 447,157	12,908	12,438
39	39	97 150	5 787,816	74 214,846	12,823	12,352
40	40	96 984	5 374,784	68 427,030	12,731	12,261
41	41	96 797	4 990,186	63 052,246	12,635	12,165
42	42	96 597	4 632,411	58 062,060	12,534	12,064
43	43	96 381	4 299,595	53 429,649	12,427	11,956
44	44	96 145	3 989,839	49 130,054	12,314	11,844
45	45	95 879	3 701,209	45 140,216	12,196	11,726
46	46	95 581	3 432,282	41 439,007	12,073	11,603
47	47	95 257	3 181,984	38 006,725	11,944	11,474
48	48	94 901	2 948,929	34 824,741	11,809	11,339
49	49	94 498	2 731,544	31 875,812	11,670	11,199
50	50	94 053	2 528,993	29 144,268	11,524	11,054
51	51	93 566	2 340,386	26 615,275	11,372	10,902
52	52	93 020	2 164,396	24 274,889	11,216	10,745
53	53	92 419	2 000,377	22 110,492	11,053	10,583
54	54	91 749	1 847,319	20 110,115	10,886	10,416
55	55	90 997	1 704,363	18 262,796	10,715	10,245
56	56	90 166	1 570,965	16 558,433	10,540	10,070
57	57	89 251	1 446,544	14 987,467	10,361	9,891
58	58	88 249	1 330,514	13 540,924	10,177	9,707
59	59	87 149	1 222,253	12 210,410	9,990	9,520
60	60	85 963	1 121,515	10 988,158	9,798	9,327
61	61	84 669	1 027,563	9 866,643	9,602	9,132
62	62	83 277	940,152	8 839,080	9,402	8,931
63	63	81 777	858,816	7 898,928	9,197	8,727
64	64	80 171	783,209	7 040,112	8,989	8,519
65	65	78 438	712,816	6 256,903	8,778	8,307
66	66	76 613	647,655	5 544,088	8,560	8,090
67	67	74 681	587,274	4 896,432	8,338	7,867
68	68	72 641	531,383	4 309,158	8,109	7,639
69	69	70 502	479,755	3 777,775	7,874	7,404
70	70	68 217	431,820	3 298,020	7,637	7,167
71	71	65 856	387,786	2 866,201	7,391	6,921
72	72	63 353	347,022	2 478,415	7,142	6,672
73	73	60 780	309,702	2 131,393	6,882	6,412
74	74	58 064	275,220	1 821,691	6,619	6,149
75	75	55 255	243,634	1 546,471	6,348	5,877
76	76	52 370	214,804	1 302,838	6,065	5,595
77	77	49 336	188,241	1 088,034	5,780	5,310
78	78	46 202	163,984	899,793	5,487	5,017
79	79	42 891	141,611	735,808	5,196	4,726
80	80	39 447	121,153	594,198	4,905	4,434
81	81	35 864	102,465	473,044	4,617	4,146
82	82	32 118	85,360	370,579	4,341	3,871
83	83	28 314	69,999	285,219	4,075	3,604
84	84	24 532	56,419	215,220	3,815	3,344
85	85	20 824	44,550	158,801	3,565	3,094
86	86	17 225	34,279	114,251	3,333	2,863
87	87	13 872	25,681	79,972	3,114	2,644
88	88	10 836	18,661	54,291	2,909	2,439
89	89	8 172	13,090	35,630	2,722	2,252
90	90	5 939	8,850	22,540	2,547	2,077
91	91	4 144	5,744	13,690	2,383	1,913
92	92	2 762	3,562	7,946	2,231	1,760
93	93	1 739	2,086	4,384	2,102	1,632
94	94	1 041	1,161	2,298	1,979	1,509
95	95	585	0,607	1,137	1,874	1,403
96	96	310	0,299	0,530	1,771	1,300
97	97	150	0,135	0,231	1,711	1,241
98	98	70	0,058	0,096	1,644	1,174
99	99	31	0,024	0,038	1,577	1,107
100	100	13	0,009	0,014	1,519	1,049

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 699	99 699,466	1 409 144,312	14,134	13,664	50	51	93 878	2 524,306	28 947,462	11,467	10,997
1	2	99 320	92 390,399	1 309 444,847	14,173	13,703	51	52	93 366	2 335,371	26 423,156	11,314	10,844
2	3	99 280	85 910,127	1 217 054,448	14,167	13,696	52	53	92 803	2 159,347	24 087,784	11,155	10,685
3	4	99 254	79 895,681	1 131 144,321	14,158	13,687	53	54	92 182	1 995,241	21 928,438	10,990	10,520
4	5	99 234	74 306,356	1 051 248,640	14,147	13,677	54	55	91 483	1 841,983	19 933,197	10,822	10,351
5	6	99 214	69 108,671	976 942,284	14,136	13,666	55	56	90 702	1 698,832	18 091,214	10,649	10,179
6	7	99 196	64 274,992	907 833,613	14,124	13,654	56	57	89 843	1 565,346	16 392,382	10,472	10,002
7	8	99 182	59 782,477	843 558,621	14,110	13,640	57	58	88 901	1 440,867	14 827,036	10,290	9,820
8	9	99 167	55 602,942	783 776,143	14,096	13,626	58	59	87 865	1 324,727	13 386,169	10,105	9,635
9	10	99 152	51 716,080	728 173,202	14,080	13,610	59	60	86 738	1 216,500	12 061,442	9,915	9,445
10	11	99 138	48 101,318	676 457,122	14,063	13,593	60	61	85 510	1 115,598	10 844,942	9,721	9,251
11	12	99 123	44 738,407	628 355,804	14,045	13,575	61	62	84 188	1 021,720	9 729,344	9,523	9,052
12	13	99 107	41 610,634	583 617,397	14,026	13,555	62	63	82 766	934,385	8 707,624	9,319	8,849
13	14	99 091	38 701,255	542 006,763	14,005	13,535	63	64	81 226	853,020	7 773,239	9,113	8,642
14	15	99 073	35 994,397	503 305,508	13,983	13,513	64	65	79 572	777,356	6 920,220	8,902	8,432
15	16	99 047	33 474,544	467 311,112	13,960	13,490	65	66	77 813	707,134	6 142,863	8,687	8,217
16	17	99 017	31 129,548	433 836,568	13,936	13,466	66	67	75 942	641,980	5 435,729	8,467	7,997
17	18	98 979	28 946,611	402 707,020	13,912	13,442	67	68	73 972	581,705	4 793,749	8,241	7,771
18	19	98 932	26 914,378	373 760,409	13,887	13,417	68	69	71 881	525,822	4 212,043	8,010	7,540
19	20	98 877	25 022,663	346 846,031	13,861	13,391	69	70	69 688	474,212	3 686,222	7,773	7,303
20	21	98 819	23 263,337	321 823,368	13,834	13,364	70	71	67 358	426,379	3 212,010	7,533	7,063
21	22	98 760	21 627,402	298 560,030	13,805	13,334	71	72	64 953	382,472	2 785,631	7,283	6,813
22	23	98 704	20 107,086	276 932,628	13,773	13,303	72	73	62 414	341,881	2 403,158	7,029	6,559
23	24	98 642	18 692,416	256 825,542	13,740	13,269	73	74	59 782	304,618	2 061,277	6,767	6,296
24	25	98 583	17 378,045	238 133,126	13,703	13,233	74	75	57 028	270,309	1 756,659	6,499	6,028
25	26	98 518	16 154,874	220 755,081	13,665	13,195	75	76	54 192	238,948	1 486,351	6,220	5,750
26	27	98 456	15 018,381	204 600,207	13,623	13,153	76	77	51 241	210,172	1 247,402	5,935	5,465
27	28	98 390	13 961,172	189 581,826	13,579	13,109	77	78	48 162	183,761	1 037,231	5,644	5,174
28	29	98 321	12 978,080	175 620,654	13,532	13,062	78	79	44 934	159,483	853,469	5,351	4,881
29	30	98 248	12 063,657	162 642,574	13,482	13,012	79	80	41 544	137,162	693,986	5,060	4,589
30	31	98 166	11 212,595	150 578,917	13,429	12,959	80	81	38 009	116,736	556,824	4,770	4,300
31	32	98 080	10 421,192	139 366,322	13,373	12,903	81	82	34 334	98,092	440,088	4,486	4,016
32	33	97 986	9 684,843	128 945,130	13,314	12,844	82	83	30 532	81,145	341,996	4,215	3,744
33	34	97 888	9 000,200	119 260,287	13,251	12,781	83	84	26 708	66,030	260,850	3,951	3,480
34	35	97 777	8 362,756	110 260,087	13,185	12,714	84	85	22 934	52,743	194,821	3,694	3,224
35	36	97 662	7 770,118	101 897,331	13,114	12,644	85	86	19 239	41,158	142,078	3,452	2,982
36	37	97 539	7 218,907	94 127,213	13,039	12,569	86	87	15 723	31,290	100,920	3,225	2,755
37	38	97 408	6 706,306	86 908,306	12,959	12,489	87	88	12 486	23,114	69,629	3,012	2,542
38	39	97 254	6 228,552	80 202,000	12,877	12,406	88	89	9 599	16,530	46,515	2,814	2,344
39	40	97 092	5 784,336	73 973,448	12,789	12,318	89	90	7 113	11,395	29,985	2,631	2,161
40	41	96 917	5 371,098	68 189,112	12,696	12,225	90	91	5 063	7,545	18,590	2,464	1,994
41	42	96 726	4 986,492	62 818,013	12,598	12,127	91	92	3 449	4,781	11,045	2,310	1,840
42	43	96 520	4 628,734	57 831,521	12,494	12,024	92	93	2 244	2,894	6,264	2,164	1,694
43	44	96 293	4 295,691	53 202,788	12,385	11,915	93	94	1 375	1,650	3,370	2,043	1,573
44	45	96 052	3 985,966	48 907,097	12,270	11,800	94	95	801	0,894	1,720	1,925	1,454
45	46	95 769	3 696,944	44 921,131	12,151	11,681	95	96	437	0,454	0,827	1,822	1,352
46	47	95 465	3 428,103	41 224,187	12,025	11,555	96	97	222	0,214	0,373	1,743	1,273
47	48	95 126	3 177,623	37 796,084	11,894	11,424	97	98	105	0,095	0,159	1,683	1,212
48	49	94 750	2 944,229	34 618,460	11,758	11,288	98	99	48	0,040	0,065	1,610	1,140
49	50	94 333	2 726,769	31 674,232	11,616	11,146	99	100	20	0,016	0,024	1,548	1,078

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 675	99 674,746	1 408 692,124	14,133	13,663
1	3	99 307	92 378,921	1 309 017,377	14,170	13,700
2	4	99 270	85 901,267	1 216 638,456	14,163	13,693
3	5	99 245	79 888,036	1 130 737,189	14,154	13,684
4	6	99 225	74 299,737	1 050 849,153	14,143	13,673
5	7	99 206	69 102,558	976 549,416	14,132	13,662
6	8	99 191	64 272,006	907 446,858	14,119	13,649
7	9	99 175	59 778,311	843 174,852	14,105	13,635
8	10	99 161	55 599,540	783 396,540	14,090	13,620
9	11	99 146	51 713,054	727 797,000	14,074	13,603
10	12	99 131	48 097,598	676 083,946	14,057	13,586
11	13	99 115	44 734,894	627 986,347	14,038	13,568
12	14	99 098	41 606,714	583 251,453	14,018	13,548
13	15	99 082	38 697,687	541 644,740	13,997	13,527
14	16	99 061	35 990,017	502 947,053	13,975	13,504
15	17	99 032	33 469,615	466 957,036	13,952	13,481
16	18	99 003	31 125,309	433 487,421	13,927	13,457
17	19	98 959	28 940,908	402 362,112	13,903	13,433
18	20	98 915	26 909,674	373 421,204	13,877	13,407
19	21	98 859	25 018,037	346 511,530	13,850	13,380
20	22	98 803	23 259,501	321 493,493	13,822	13,352
21	23	98 744	21 623,881	298 233,992	13,792	13,322
22	24	98 686	20 103,468	276 610,111	13,759	13,289
23	25	98 624	18 689,053	256 506,643	13,725	13,255
24	26	98 565	17 374,740	237 817,591	13,688	13,217
25	27	98 499	16 151,833	220 442,851	13,648	13,178
26	28	98 435	15 015,150	204 291,018	13,606	13,135
27	29	98 367	13 957,882	189 275,868	13,561	13,090
28	30	98 296	12 974,722	175 317,986	13,512	13,042
29	31	98 217	12 059,831	162 343,264	13,461	12,991
30	32	98 135	11 209,074	150 283,433	13,407	12,937
31	33	98 046	10 417,622	139 074,359	13,350	12,880
32	34	97 951	9 681,353	128 656,737	13,289	12,819
33	35	97 849	8 996,546	118 975,385	13,225	12,754
34	36	97 737	8 359,310	109 978,839	13,156	12,686
35	37	97 617	7 766,556	101 619,529	13,084	12,614
36	38	97 492	7 215,480	93 852,973	13,007	12,537
37	39	97 350	6 702,260	86 637,493	12,927	12,456
38	40	97 196	6 224,808	79 935,233	12,841	12,371
39	41	97 025	5 780,370	73 710,425	12,752	12,282
40	42	96 846	5 367,122	67 930,055	12,657	12,186
41	43	96 649	4 982,534	62 562,933	12,556	12,086
42	44	96 432	4 624,530	57 580,398	12,451	11,981
43	45	96 200	4 291,521	52 955,868	12,340	11,869
44	46	95 941	3 981,373	48 664,347	12,223	11,753
45	47	95 652	3 692,443	44 682,973	12,101	11,631
46	48	95 334	3 423,405	40 990,530	11,974	11,503
47	49	94 975	3 172,558	37 567,125	11,841	11,371
48	50	94 584	2 939,082	34 394,567	11,702	11,232
49	51	94 158	2 721,716	31 455,485	11,557	11,087
50	52	93 677	2 518,898	28 733,769	11,407	10,937
51	53	93 148	2 329,923	26 214,871	11,251	10,781
52	54	92 565	2 153,802	23 884,948	11,090	10,619
53	55	91 915	1 989,477	21 731,146	10,923	10,453
54	56	91 187	1 836,005	19 741,669	10,753	10,282
55	57	90 377	1 692,755	17 905,664	10,578	10,108
56	58	89 490	1 559,203	16 212,908	10,398	9,928
57	59	88 514	1 434,600	14 653,705	10,214	9,744
58	60	87 452	1 318,492	13 219,105	10,026	9,556
59	61	86 281	1 210,082	11 900,613	9,835	9,364
60	62	85 024	1 109,254	10 690,531	9,638	9,167
61	63	83 671	1 015,452	9 581,277	9,435	8,965
62	64	82 207	928,079	8 565,824	9,230	8,759
63	65	80 619	846,646	7 637,745	9,021	8,551
64	66	78 938	771,160	6 791,100	8,806	8,336
65	67	77 131	700,938	6 019,939	8,588	8,118
66	68	75 222	635,893	5 319,001	8,365	7,894
67	69	73 198	575,618	4 683,108	8,136	7,666
68	70	71 050	519,746	4 107,491	7,903	7,433
69	71	68 810	468,237	3 587,745	7,662	7,192
70	72	66 435	420,537	3 119,507	7,418	6,948
71	73	63 991	376,807	2 698,970	7,163	6,692
72	74	61 390	336,269	2 322,164	6,906	6,435
73	75	58 716	299,182	1 985,895	6,638	6,167
74	76	55 931	265,110	1 686,713	6,362	5,892
75	77	53 024	233,795	1 421,602	6,081	5,610
76	78	50 022	205,170	1 187,807	5,789	5,319
77	79	46 840	178,718	982,637	5,498	5,028
78	80	43 522	154,473	803,919	5,204	4,734
79	81	40 029	132,161	649,446	4,914	4,444
80	82	36 387	111,754	517,285	4,629	4,158
81	83	32 638	93,248	405,530	4,349	3,879
82	84	28 801	76,543	312,282	4,080	3,610
83	85	24 968	61,727	235,739	3,819	3,349
84	86	21 188	48,728	174,012	3,571	3,101
85	87	17 561	37,570	125,284	3,335	2,864
86	88	14 152	28,163	87,714	3,115	2,644
87	89	11 060	20,475	59,551	2,909	2,438
88	90	8 356	14,389	39,076	2,716	2,245
89	91	6 064	9,714	24,687	2,541	2,071
90	92	4 214	6,280	14,973	2,384	1,914
91	93	2 802	3,885	8,693	2,238	1,767
92	94	1 775	2,289	4,808	2,100	1,630
93	95	1 059	1,270	2,519	1,983	1,513
94	96	599	0,668	1,249	1,870	1,399
95	97	312	0,324	0,581	1,793	1,322
96	98	155	0,150	0,257	1,713	1,242
97	99	72	0,065	0,107	1,646	1,176
98	100	32	0,027	0,042	1,579	1,108

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 662	99 662,364	1 408 224,865	14,130	13,660
1	4	99 297	92 369,394	1 308 562,501	14,167	13,696
2	5	99 260	85 893,048	1 216 193,107	14,159	13,689
3	6	99 236	79 880,920	1 130 300,059	14,150	13,680
4	7	99 216	74 293,165	1 050 419,140	14,139	13,669
5	8	99 201	69 099,348	976 125,975	14,126	13,656
6	9	99 184	64 267,527	907 026,627	14,113	13,643
7	10	99 169	59 774,655	842 759,100	14,099	13,629
8	11	99 155	55 596,288	782 984,445	14,083	13,613
9	12	99 139	51 709,056	727 388,157	14,067	13,597
10	13	99 123	48 093,822	675 679,102	14,049	13,579
11	14	99 106	44 730,679	627 585,280	14,030	13,560
12	15	99 089	41 602,877	582 854,601	14,010	13,540
13	16	99 070	38 692,979	541 251,724	13,988	13,518
14	17	99 046	35 984,718	502 558,745	13,966	13,496
15	18	99 019	33 465,058	466 574,027	13,942	13,472
16	19	98 984	31 119,177	433 108,970	13,918	13,447
17	20	98 942	28 935,849	401 989,793	13,892	13,422
18	21	98 896	26 904,699	373 053,943	13,866	13,395
19	22	98 842	25 013,911	346 149,245	13,838	13,368
20	23	98 787	23 255,715	321 135,334	13,809	13,339
21	24	98 726	21 619,989	297 879,619	13,778	13,308
22	25	98 669	20 099,850	276 259,630	13,744	13,274
23	26	98 605	18 685,498	256 159,779	13,709	13,239
24	27	98 546	17 371,470	237 474,282	13,670	13,200
25	28	98 478	16 148,358	220 102,812	13,630	13,160
26	29	98 412	15 011,612	203 954,454	13,586	13,116
27	30	98 341	13 954,270	188 942,843	13,540	13,070
28	31	98 265	12 970,607	174 988,573	13,491	13,021
29	32	98 186	12 056,044	162 017,966	13,439	12,968
30	33	98 101	11 205,234	149 961,921	13,383	12,913
31	34	98 011	10 413,868	138 756,688	13,324	12,854
32	35	97 911	9 677,422	128 342,820	13,262	12,792
33	36	97 808	8 992,838	118 665,398	13,196	12,725
34	37	97 692	8 355,477	109 672,560	13,126	12,656
35	38	97 570	7 762,869	101 317,082	13,051	12,581
36	39	97 433	7 211,128	93 554,213	12,974	12,503
37	40	97 291	6 698,231	86 343,086	12,890	12,420
38	41	97 129	6 220,539	79 644,854	12,804	12,333
39	42	96 954	5 776,091	73 424,315	12,712	12,241
40	43	96 769	5 362,862	67 648,224	12,614	12,144
41	44	96 561	4 978,010	62 285,362	12,512	12,042
42	45	96 339	4 620,042	57 307,352	12,404	11,934
43	46	96 089	4 286,577	52 687,310	12,291	11,821
44	47	95 824	3 976,526	48 400,734	12,172	11,701
45	48	95 521	3 687,383	44 424,208	12,048	11,577
46	49	95 182	3 417,948	40 736,824	11,919	11,448
47	50	94 809	3 167,012	37 318,876	11,784	11,313
48	51	94 409	2 933,635	34 151,864	11,641	11,171
49	52	93 956	2 715,884	31 218,229	11,495	11,024
50	53	93 459	2 513,021	28 502,344	11,342	10,872
51	54	92 909	2 323,940	25 989,323	11,183	10,713
52	55	92 297	2 147,580	23 665,383	11,020	10,549
53	56	91 617	1 983,020	21 517,802	10,851	10,381
54	57	90 860	1 829,438	19 534,782	10,678	10,208
55	58	90 023	1 686,113	17 705,344	10,501	10,030
56	59	89 101	1 552,422	16 019,232	10,319	9,849
57	60	88 098	1 427,848	14 466,810	10,132	9,662
58	61	86 990	1 311,536	13 038,962	9,942	9,471
59	62	85 790	1 203,202	11 727,426	9,747	9,277
60	63	84 502	1 102,450	10 524,224	9,546	9,076
61	64	83 106	1 008,599	9 421,774	9,341	8,871
62	65	81 593	921,144	8 413,175	9,133	8,663
63	66	79 976	839,897	7 492,031	8,920	8,450
64	67	78 246	764,403	6 652,134	8,702	8,232
65	68	76 400	694,292	5 887,731	8,480	8,010
66	69	74 434	629,238	5 193,439	8,254	7,783
67	70	72 353	568,966	4 564,201	8,022	7,552
68	71	70 155	513,198	3 995,235	7,785	7,315
69	72	67 867	461,821	3 482,036	7,540	7,070
70	73	65 451	414,307	3 020,215	7,290	6,820
71	74	62 941	370,621	2 605,908	7,031	6,561
72	75	60 294	330,269	2 235,287	6,768	6,298
73	76	57 586	293,429	1 905,018	6,492	6,022
74	77	54 725	259,393	1 611,589	6,213	5,743
75	78	51 762	228,232	1 352,196	5,925	5,454
76	79	48 649	199,539	1 123,965	5,633	5,163
77	80	45 369	173,103	924,426	5,340	4,870
78	81	41 936	148,841	751,323	5,048	4,578
79	82	38 321	126,521	602,482	4,762	4,292
80	83	34 590	106,236	475,960	4,480	4,010
81	84	30 787	87,960	369,724	4,203	3,733
82	85	26 924	71,555	281,764	3,938	3,467
83	86	23 067	57,028	210,209	3,686	3,216
84	87	19 341	44,480	153,181	3,444	2,974
85	88	15 806	33,815	108,701	3,215	2,744
86	89	12 536	24,947	74,886	3,002	2,532
87	90	9 628	17,823	49,939	2,802	2,332
88	91	7 123	12,267	32,116	2,618	2,148
89	92	5 048	8,086	19,849	2,455	1,984
90	93	3 424	5,102	11,763	2,305	1,835
91	94	2 217	3,073	6,661	2,168	1,697
92	95	1 367	1,762	3,588	2,036	1,566
93	96	791	0,949	1,826	1,924	1,453
94	97	428	0,477	0,877	1,837	1,367
95	98	219	0,227	0,400	1,759	1,289
96	99	107	0,103	0,172	1,674	1,203
97	100	48	0,043	0,069	1,612	1,142

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 652	99 652,086	1 407 727,806	14,126	13,656
1	5	99 288	92 360,556	1 308 075,720	14,163	13,692
2	6	99 251	85 885,396	1 215 715,164	14,155	13,685
3	7	99 227	79 873,853	1 129 829,768	14,145	13,675
4	8	99 212	74 289,713	1 049 955,915	14,133	13,663
5	9	99 194	69 094,533	975 666,201	14,121	13,650
6	10	99 178	64 263,596	906 571,669	14,107	13,637
7	11	99 163	59 771,158	842 308,073	14,092	13,622
8	12	99 147	55 591,989	782 536,915	14,076	13,606
9	13	99 131	51 704,995	726 944,926	14,059	13,589
10	14	99 114	48 089,290	675 239,931	14,041	13,571
11	15	99 097	44 726,555	627 150,640	14,022	13,552
12	16	99 077	41 597,816	582 424,085	14,001	13,531
13	17	99 055	38 687,281	540 826,270	13,979	13,509
14	18	99 032	35 979,818	502 138,989	13,956	13,486
15	19	98 999	33 458,464	466 159,171	13,932	13,462
16	20	98 966	31 113,738	432 700,706	13,907	13,437
17	21	98 924	28 930,500	401 586,969	13,881	13,411
18	22	98 880	26 900,262	372 656,469	13,853	13,383
19	23	98 826	25 009,839	345 756,207	13,825	13,355
20	24	98 769	23 251,529	320 746,368	13,795	13,324
21	25	98 709	21 616,099	297 494,839	13,763	13,292
22	26	98 650	20 096,027	275 878,740	13,728	13,258
23	27	98 587	18 681,981	255 782,713	13,691	13,221
24	28	98 525	17 367,732	237 100,732	13,652	13,182
25	29	98 455	16 144,552	219 733,000	13,610	13,140
26	30	98 386	15 007,727	203 588,448	13,566	13,095
27	31	98 310	13 949,845	188 580,720	13,518	13,048
28	32	98 234	12 966,534	174 630,876	13,468	12,998
29	33	98 153	12 051,913	161 664,341	13,414	12,944
30	34	98 066	11 201,196	149 612,428	13,357	12,887
31	35	97 971	10 409,640	138 411,232	13,296	12,826
32	36	97 870	9 673,434	128 001,592	13,232	12,762
33	37	97 764	8 988,715	118 328,158	13,164	12,694
34	38	97 646	8 351,511	109 339,443	13,092	12,622
35	39	97 512	7 758,186	100 987,932	13,017	12,547
36	40	97 375	7 206,793	93 229,746	12,936	12,466
37	41	97 224	6 693,638	86 022,953	12,851	12,381
38	42	97 057	6 215,934	79 329,315	12,762	12,292
39	43	96 877	5 771,506	73 113,381	12,668	12,198
40	44	96 681	5 357,992	67 341,874	12,568	12,098
41	45	96 468	4 973,178	61 983,882	12,464	11,993
42	46	96 228	4 614,719	57 010,704	12,354	11,884
43	47	95 972	4 281,358	52 395,985	12,238	11,768
44	48	95 693	3 971,077	48 114,628	12,116	11,646
45	49	95 369	3 681,505	44 143,551	11,991	11,520
46	50	95 016	3 411,973	40 462,045	11,859	11,389
47	51	94 633	3 161,143	37 050,072	11,720	11,250
48	52	94 206	2 927,349	33 888,929	11,577	11,106
49	53	93 737	2 709,548	30 961,579	11,427	10,957
50	54	93 219	2 506,568	28 252,031	11,271	10,801
51	55	92 640	2 317,227	25 745,463	11,110	10,640
52	56	91 998	2 140,611	23 428,235	10,945	10,474
53	57	91 289	1 975,927	21 287,625	10,773	10,303
54	58	90 504	1 822,259	19 311,697	10,598	10,127
55	59	89 631	1 678,779	17 489,439	10,418	9,948
56	60	88 682	1 545,115	15 810,660	10,233	9,762
57	61	87 633	1 420,315	14 265,544	10,044	9,574
58	62	86 496	1 304,079	12 845,229	9,850	9,380
59	63	85 264	1 195,821	11 541,151	9,651	9,181
60	64	83 932	1 095,009	10 345,330	9,448	8,977
61	65	82 485	1 001,062	9 250,320	9,241	8,770
62	66	80 943	913,802	8 249,258	9,027	8,557
63	67	79 275	832,538	7 335,456	8,811	8,341
64	68	77 504	757,155	6 502,918	8,589	8,118
65	69	75 600	687,026	5 745,763	8,363	7,893
66	70	73 574	621,967	5 058,738	8,133	7,663
67	71	71 441	561,798	4 436,770	7,897	7,427
68	72	69 194	506,166	3 874,972	7,656	7,185
69	73	66 862	454,980	3 368,806	7,404	6,934
70	74	64 376	407,506	2 913,826	7,150	6,680
71	75	61 818	364,008	2 506,320	6,885	6,415
72	76	59 135	323,917	2 142,312	6,614	6,143
73	77	56 345	287,101	1 818,395	6,334	5,863
74	78	53 423	253,220	1 531,294	6,047	5,577
75	79	50 341	221,967	1 278,073	5,758	5,288
76	80	47 120	193,270	1 056,106	5,464	4,994
77	81	43 715	166,792	862,836	5,173	4,703
78	82	40 146	142,489	696,044	4,885	4,415
79	83	36 428	120,274	553,555	4,602	4,132
80	84	32 628	100,211	433,281	4,324	3,853
81	85	28 781	82,228	333,070	4,051	3,580
82	86	24 874	66,108	250,842	3,794	3,324
83	87	21 056	52,056	184,733	3,549	3,078
84	88	17 408	40,034	132,677	3,314	2,844
85	89	14 001	29,953	92,643	3,093	2,623
86	90	10 912	21,716	62,690	2,887	2,417
87	91	8 208	15,194	40,974	2,697	2,226
88	92	5 929	10,211	25,779	2,525	2,054
89	93	4 101	6,570	15,569	2,370	1,899
90	94	2 708	4,036	8,999	2,230	1,759
91	95	1 707	2,366	4,963	2,098	1,628
92	96	1 021	1,317	2,597	1,972	1,502
93	97	565	0,678	1,280	1,888	1,418
94	98	300	0,334	0,602	1,801	1,331
95	99	150	0,156	0,268	1,717	1,247
96	100	71	0,068	0,112	1,638	1,167

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 643	99 642,551	1 407 196,129	14,122	13,652
1	6	99 279	92 352,328	1 307 553,578	14,158	13,688
2	7	99 243	85 877,799	1 215 201,250	14,150	13,680
3	8	99 222	79 870,143	1 129 323,451	14,139	13,669
4	9	99 205	74 284,536	1 049 453,308	14,127	13,657
5	10	99 188	69 090,306	975 168,772	14,114	13,644
6	11	99 172	64 259,837	906 078,466	14,100	13,630
7	12	99 156	59 766,536	841 818,629	14,085	13,615
8	13	99 139	55 587,624	782 052,093	14,069	13,599
9	14	99 121	51 700,124	726 464,469	14,052	13,581
10	15	99 104	48 084,856	674 764,345	14,033	13,563
11	16	99 084	44 721,113	626 679,489	14,013	13,543
12	17	99 062	41 591,690	581 958,376	13,992	13,522
13	18	99 042	38 682,013	540 366,686	13,969	13,499
14	19	99 013	35 972,729	501 684,672	13,946	13,476
15	20	98 982	33 452,616	465 711,943	13,922	13,451
16	21	98 948	31 107,986	432 259,327	13,895	13,425
17	22	98 907	28 925,729	401 151,341	13,868	13,398
18	23	98 864	26 895,883	372 225,612	13,840	13,369
19	24	98 808	25 005,338	345 329,729	13,810	13,340
20	25	98 751	23 247,346	320 324,392	13,779	13,309
21	26	98 690	21 611,987	297 077,046	13,746	13,276
22	27	98 631	20 092,245	275 465,059	13,710	13,240
23	28	98 565	18 677,961	255 372,814	13,672	13,202
24	29	98 502	17 363,639	236 694,853	13,632	13,161
25	30	98 429	16 140,375	219 331,214	13,589	13,119
26	31	98 355	15 002,968	203 190,839	13,543	13,073
27	32	98 279	13 945,465	188 187,872	13,495	13,024
28	33	98 200	12 962,091	174 242,407	13,442	12,972
29	34	98 117	12 047,571	161 280,315	13,387	12,917
30	35	98 026	11 196,649	149 232,745	13,328	12,858
31	36	97 931	10 405,350	138 036,096	13,266	12,796
32	37	97 826	9 668,999	127 630,746	13,200	12,730
33	38	97 717	8 984,448	117 961,748	13,130	12,659
34	39	97 587	8 346,473	108 977,300	13,057	12,586
35	40	97 453	7 753,522	100 630,827	12,979	12,508
36	41	97 308	7 201,851	92 877,304	12,896	12,426
37	42	97 152	6 688,683	85 675,453	12,809	12,339
38	43	96 980	6 211,000	78 986,770	12,717	12,247
39	44	96 789	5 766,265	72 775,769	12,621	12,151
40	45	96 587	5 352,792	67 009,504	12,519	12,048
41	46	96 356	4 967,448	61 656,712	12,412	11,942
42	47	96 111	4 609,100	56 689,264	12,299	11,829
43	48	95 841	4 275,491	52 080,164	12,181	11,711
44	49	95 541	3 964,747	47 804,673	12,057	11,587
45	50	95 202	3 675,070	43 839,926	11,929	11,459
46	51	94 840	3 405,650	40 164,857	11,794	11,323
47	52	94 430	3 154,370	36 759,206	11,653	11,183
48	53	93 987	2 920,520	33 604,836	11,506	11,036
49	54	93 496	2 702,591	30 684,316	11,354	10,883
50	55	92 949	2 499,328	27 981,725	11,196	10,725
51	56	92 340	2 309,707	25 482,398	11,033	10,562
52	57	91 669	2 132,954	23 172,691	10,864	10,394
53	58	90 931	1 968,173	21 039,737	10,690	10,220
54	59	90 110	1 814,333	19 071,564	10,512	10,041
55	60	89 209	1 670,878	17 257,231	10,328	9,858
56	61	88 214	1 536,963	15 586,352	10,141	9,671
57	62	87 135	1 412,239	14 049,389	9,948	9,478
58	63	85 965	1 296,079	12 637,150	9,750	9,280
59	64	84 689	1 187,750	11 341,071	9,548	9,078
60	65	83 304	1 086,827	10 153,321	9,342	8,872
61	66	81 828	993,083	9 066,494	9,130	8,659
62	67	80 233	905,795	8 073,410	8,913	8,443
63	68	78 524	824,644	7 167,616	8,692	8,221
64	69	76 693	749,231	6 342,972	8,466	7,996
65	70	74 727	679,087	5 593,741	8,237	7,767
66	71	72 647	614,131	4 914,654	8,003	7,532
67	72	70 462	554,101	4 300,522	7,761	7,291
68	73	68 169	498,668	3 746,422	7,513	7,043
69	74	65 764	447,511	3 247,754	7,257	6,787
70	75	63 228	400,235	2 800,242	6,996	6,526
71	76	60 629	357,007	2 400,008	6,723	6,252
72	77	57 860	316,932	2 043,000	6,446	5,976
73	78	55 004	280,269	1 726,068	6,159	5,688
74	79	51 956	246,270	1 445,800	5,871	5,401
75	80	48 760	214,994	1 199,530	5,579	5,109
76	81	45 402	186,223	984,536	5,287	4,817
77	82	41 849	159,674	798,312	5,000	4,529
78	83	38 164	135,453	638,638	4,715	4,245
79	84	34 362	113,453	503,185	4,435	3,965
80	85	30 502	93,681	389,732	4,160	3,690
81	86	26 590	75,969	296,051	3,897	3,427
82	87	22 706	60,345	220,082	3,647	3,177
83	88	18 952	46,854	159,737	3,409	2,939
84	89	15 420	35,462	112,884	3,183	2,713
85	90	12 188	26,074	77,421	2,969	2,499
86	91	9 303	18,513	51,348	2,774	2,303
87	92	6 832	12,647	32,834	2,596	2,126
88	93	4 818	8,296	20,187	2,433	1,963
89	94	3 244	5,197	11,891	2,288	1,818
90	95	2 085	3,107	6,694	2,154	1,684
91	96	1 275	1,768	3,587	2,029	1,559
92	97	730	0,941	1,819	1,934	1,463
93	98	396	0,475	0,878	1,849	1,378
94	99	206	0,230	0,403	1,755	1,285
95	100	100	0,103	0,174	1,678	1,208

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 634	99 633,675	1 406 626,145	14,118	13,648
1	7	99 270	92 344,159	1 306 992,470	14,153	13,683
2	8	99 238	85 873,809	1 214 648,311	14,145	13,674
3	9	99 216	79 864,577	1 128 774,502	14,134	13,663
4	10	99 199	74 279,992	1 048 909,924	14,121	13,651
5	11	99 182	69 086,265	974 629,932	14,107	13,637
6	12	99 165	64 254,868	905 543,668	14,093	13,623
7	13	99 148	59 761,843	841 288,800	14,077	13,607
8	14	99 130	55 582,386	781 526,957	14,061	13,590
9	15	99 112	51 695,357	725 944,570	14,043	13,572
10	16	99 092	48 079,006	674 249,214	14,024	13,553
11	17	99 070	44 714,528	626 170,208	14,004	13,533
12	18	99 049	41 586,027	581 455,680	13,982	13,512
13	19	99 022	38 674,392	539 869,653	13,959	13,489
14	20	98 996	35 966,442	501 195,260	13,935	13,465
15	21	98 964	33 446,431	465 228,818	13,910	13,439
16	22	98 932	31 102,856	431 782,387	13,882	13,412
17	23	98 891	28 921,020	400 679,531	13,854	13,384
18	24	98 846	26 891,042	371 758,511	13,825	13,354
19	25	98 791	25 000,838	344 867,469	13,794	13,324
20	26	98 732	23 242,923	319 866,631	13,762	13,292
21	27	98 671	21 607,920	296 623,707	13,728	13,257
22	28	98 610	20 087,921	275 015,787	13,691	13,220
23	29	98 542	18 673,560	254 927,866	13,652	13,182
24	30	98 476	17 359,146	236 254,306	13,610	13,140
25	31	98 398	16 135,256	218 895,160	13,566	13,096
26	32	98 324	14 998,257	202 759,904	13,519	13,049
27	33	98 246	13 940,687	187 761,648	13,469	12,998
28	34	98 165	12 957,421	173 820,961	13,415	12,944
29	35	98 077	12 042,679	160 863,540	13,358	12,888
30	36	97 986	11 192,034	148 820,861	13,297	12,827
31	37	97 886	10 400,579	137 628,827	13,233	12,763
32	38	97 779	9 664,409	127 228,248	13,165	12,694
33	39	97 658	8 979,028	117 563,839	13,093	12,623
34	40	97 528	8 341,456	108 584,810	13,017	12,547
35	41	97 386	7 748,206	100 243,355	12,938	12,467
36	42	97 236	7 196,520	92 495,149	12,853	12,382
37	43	97 075	6 683,374	85 298,629	12,763	12,293
38	44	96 892	6 205,360	78 615,255	12,669	12,199
39	45	96 695	5 760,669	72 409,895	12,570	12,099
40	46	96 476	5 346,624	66 649,226	12,466	11,995
41	47	96 239	4 961,400	61 302,602	12,356	11,886
42	48	95 979	4 602,784	56 341,202	12,241	11,770
43	49	95 688	4 268,676	51 738,417	12,120	11,650
44	50	95 374	3 957,816	47 469,742	11,994	11,524
45	51	95 026	3 668,259	43 511,926	11,862	11,391
46	52	94 636	3 398,353	39 843,667	11,724	11,254
47	53	94 210	3 147,011	36 445,313	11,581	11,111
48	54	93 745	2 913,021	33 298,303	11,431	10,961
49	55	93 226	2 694,784	30 385,282	11,276	10,805
50	56	92 648	2 491,216	27 690,497	11,115	10,645
51	57	92 009	2 301,445	25 199,281	10,949	10,479
52	58	91 309	2 124,584	22 897,836	10,778	10,307
53	59	90 536	1 959,613	20 773,252	10,601	10,130
54	60	89 686	1 805,794	18 813,639	10,418	9,948
55	61	88 739	1 662,063	17 007,845	10,233	9,763
56	62	87 712	1 528,224	15 345,783	10,042	9,571
57	63	86 600	1 403,576	13 817,558	9,845	9,374
58	64	85 385	1 287,332	12 413,982	9,643	9,173
59	65	84 056	1 178,875	11 126,651	9,438	8,968
60	66	82 640	1 078,164	9 947,776	9,227	8,756
61	67	81 111	984,382	8 869,612	9,010	8,540
62	68	79 473	897,206	7 885,230	8,789	8,318
63	69	77 702	816,013	6 988,024	8,564	8,093
64	70	75 807	740,574	6 172,010	8,334	7,864
65	71	73 785	670,532	5 431,437	8,100	7,630
66	72	71 652	605,717	4 760,905	7,860	7,390
67	73	69 418	545,892	4 155,188	7,612	7,141
68	74	67 050	490,482	3 609,296	7,359	6,888
69	75	64 591	439,526	3 118,814	7,096	6,626
70	76	62 012	392,538	2 679,288	6,826	6,355
71	77	59 321	349,308	2 286,750	6,547	6,076
72	78	56 483	309,390	1 937,442	6,262	5,792
73	79	53 494	272,576	1 628,052	5,973	5,503
74	80	50 324	238,534	1 355,476	5,683	5,212
75	81	46 982	207,155	1 116,943	5,392	4,922
76	82	43 465	178,277	909,788	5,103	4,633
77	83	39 783	151,789	731,511	4,819	4,349
78	84	35 999	127,772	579,721	4,537	4,067
79	85	32 123	106,060	451,950	4,261	3,791
80	86	28 180	86,550	345,890	3,996	3,526
81	87	24 272	69,346	259,340	3,740	3,270
82	88	20 436	54,314	189,994	3,498	3,028
83	89	16 787	41,503	135,681	3,269	2,799
84	90	13 423	30,869	94,178	3,051	2,581
85	91	10 390	22,229	63,309	2,848	2,378
86	92	7 743	15,410	41,080	2,666	2,196
87	93	5 551	10,276	25,670	2,498	2,028
88	94	3 811	6,563	15,395	2,346	1,876
89	95	2 497	4,001	8,832	2,208	1,737
90	96	1 558	2,322	4,831	2,081	1,611
91	97	911	1,263	2,510	1,987	1,517
92	98	511	0,659	1,247	1,891	1,420
93	99	272	0,326	0,587	1,800	1,329
94	100	136	0,152	0,261	1,714	1,243

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	7	99 625	99 624,861	1 406 014,003	14,113	13,643
1	8	99 265	92 339,869	1 306 389,142	14,148	13,677
2	9	99 231	85 867,825	1 214 049,273	14,139	13,668
3	10	99 209	79 859,692	1 128 181,448	14,127	13,657
4	11	99 193	74 275,647	1 048 321,756	14,114	13,644
5	12	99 175	69 080,922	974 046,109	14,100	13,630
6	13	99 157	64 249,822	904 965,186	14,085	13,615
7	14	99 138	59 756,213	840 715,364	14,069	13,599
8	15	99 121	55 577,261	780 959,152	14,052	13,581
9	16	99 100	51 689,067	725 381,890	14,034	13,563
10	17	99 078	48 071,927	673 692,823	14,014	13,544
11	18	99 056	44 708,439	625 620,897	13,993	13,523
12	19	99 029	41 577,834	580 912,457	13,972	13,501
13	20	99 005	38 667,632	539 334,623	13,948	13,478
14	21	98 977	35 959,792	500 666,991	13,923	13,453
15	22	98 948	33 440,916	464 707,198	13,896	13,426
16	23	98 916	31 097,792	431 266,282	13,868	13,398
17	24	98 873	28 915,815	400 168,490	13,839	13,369
18	25	98 828	26 886,204	371 252,675	13,808	13,338
19	26	98 772	24 996,083	344 366,471	13,777	13,307
20	27	98 714	23 238,549	319 370,389	13,743	13,273
21	28	98 650	21 603,270	296 131,840	13,708	13,237
22	29	98 587	20 083,188	274 528,569	13,670	13,199
23	30	98 517	18 668,728	254 445,382	13,629	13,159
24	31	98 445	17 353,641	235 776,654	13,587	13,116
25	32	98 367	16 130,190	218 423,013	13,541	13,071
26	33	98 291	14 993,118	202 292,824	13,492	13,022
27	34	98 210	13 935,663	187 299,706	13,440	12,970
28	35	98 125	12 952,160	173 364,042	13,385	12,915
29	36	98 037	12 037,716	160 411,882	13,326	12,855
30	37	97 941	11 186,903	148 374,166	13,263	12,793
31	38	97 839	10 395,642	137 187,263	13,197	12,726
32	39	97 720	9 658,579	126 791,621	13,127	12,657
33	40	97 599	8 973,631	117 133,042	13,053	12,583
34	41	97 461	8 335,736	108 159,412	12,975	12,505
35	42	97 314	7 742,470	99 823,676	12,893	12,423
36	43	97 159	7 190,807	92 081,206	12,805	12,335
37	44	96 987	6 677,305	84 890,398	12,713	12,243
38	45	96 798	6 199,338	78 213,093	12,616	12,146
39	46	96 583	5 754,031	72 013,756	12,515	12,045
40	47	96 358	5 340,115	66 259,725	12,408	11,938
41	48	96 107	4 954,601	60 919,610	12,296	11,825
42	49	95 826	4 595,447	55 965,008	12,178	11,708
43	50	95 521	4 261,214	51 369,561	12,055	11,585
44	51	95 197	3 950,482	47 108,348	11,925	11,454
45	52	94 822	3 660,399	43 157,866	11,790	11,320
46	53	94 416	3 390,425	39 497,467	11,650	11,179
47	54	93 968	3 138,930	36 107,042	11,503	11,033
48	55	93 475	2 904,606	32 968,112	11,350	10,880
49	56	92 924	2 686,038	30 063,505	11,193	10,722
50	57	92 316	2 482,305	27 377,467	11,029	10,559
51	58	91 648	2 292,414	24 895,162	10,860	10,390
52	59	90 912	2 115,343	22 602,748	10,685	10,215
53	60	90 109	1 950,390	20 487,405	10,504	10,034
54	61	89 213	1 796,267	18 537,014	10,320	9,849
55	62	88 234	1 652,612	16 740,748	10,130	9,660
56	63	87 174	1 518,850	15 088,135	9,934	9,464
57	64	86 016	1 394,104	13 569,286	9,733	9,263
58	65	84 747	1 277,712	12 175,182	9,529	9,059
59	66	83 386	1 169,478	10 897,470	9,318	8,848
60	67	81 916	1 068,717	9 727,992	9,102	8,632
61	68	80 342	975,048	8 659,275	8,881	8,411
62	69	78 641	887,816	7 684,227	8,655	8,185
63	70	76 804	806,585	6 796,411	8,426	7,956
64	71	74 852	731,243	5 989,826	8,191	7,721
65	72	72 774	661,344	5 258,583	7,951	7,481
66	73	70 591	596,744	4 597,239	7,704	7,234
67	74	68 279	536,931	4 000,495	7,451	6,980
68	75	65 854	481,730	3 463,564	7,190	6,720
69	76	63 348	431,073	2 981,834	6,917	6,447
70	77	60 674	384,072	2 550,760	6,641	6,171
71	78	57 910	340,996	2 166,688	6,354	5,884
72	79	54 932	300,898	1 825,692	6,067	5,597
73	80	51 814	264,013	1 524,794	5,775	5,305
74	81	48 489	229,836	1 260,781	5,486	5,015
75	82	44 977	198,315	1 030,945	5,199	4,728
76	83	41 319	169,473	832,630	4,913	4,443
77	84	37 526	143,181	663,156	4,632	4,161
78	85	33 653	119,446	519,975	4,353	3,883
79	86	29 678	97,986	400,530	4,088	3,617
80	87	25 723	79,004	302,543	3,829	3,359
81	88	21 846	62,415	223,539	3,581	3,111
82	89	18 102	48,111	161,124	3,349	2,879
83	90	14 613	36,127	113,013	3,128	2,658
84	91	11 443	26,317	76,886	2,922	2,451
85	92	8 649	18,502	50,569	2,733	2,263
86	93	6 291	12,520	32,067	2,561	2,091
87	94	4 391	8,129	19,546	2,405	1,934
88	95	2 934	5,052	11,418	2,260	1,790
89	96	1 866	2,989	6,366	2,129	1,659
90	97	1 113	1,659	3,376	2,036	1,565
91	98	639	0,885	1,718	1,941	1,470
92	99	351	0,453	0,833	1,838	1,368
93	100	180	0,216	0,380	1,754	1,284

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 620	99 620,233	1 405 356,248	14,107	13,637
1	9	99 258	92 333,434	1 305 736,016	14,142	13,671
2	10	99 225	85 862,572	1 213 402,581	14,132	13,662
3	11	99 204	79 855,020	1 127 540,009	14,120	13,650
4	12	99 185	74 269,904	1 047 684,988	14,106	13,636
5	13	99 167	69 075,498	973 415,085	14,092	13,622
6	14	99 148	64 243,769	904 339,587	14,077	13,606
7	15	99 129	59 750,703	840 095,818	14,060	13,590
8	16	99 109	55 570,499	780 345,115	14,042	13,572
9	17	99 086	51 681,456	724 774,616	14,024	13,554
10	18	99 064	48 065,381	673 093,160	14,004	13,533
11	19	99 037	44 699,631	625 027,779	13,983	13,513
12	20	99 012	41 570,567	580 328,148	13,960	13,490
13	21	98 987	38 660,484	538 757,581	13,936	13,465
14	22	98 961	35 953,863	500 097,097	13,909	13,439
15	23	98 931	33 435,472	464 143,235	13,882	13,411
16	24	98 898	31 092,196	430 707,763	13,853	13,382
17	25	98 856	28 910,612	399 615,567	13,822	13,352
18	26	98 810	26 881,089	370 704,955	13,791	13,320
19	27	98 753	24 991,379	343 823,866	13,758	13,287
20	28	98 693	23 233,549	318 832,488	13,723	13,253
21	29	98 627	21 598,180	295 598,939	13,686	13,216
22	30	98 561	20 077,991	274 000,759	13,647	13,177
23	31	98 485	18 662,807	253 922,769	13,606	13,136
24	32	98 414	17 348,192	235 259,962	13,561	13,091
25	33	98 334	16 124,663	217 911,770	13,514	13,044
26	34	98 255	14 987,715	201 787,107	13,464	12,993
27	35	98 170	13 930,006	186 799,391	13,410	12,940
28	36	98 084	12 946,822	172 869,386	13,352	12,882
29	37	97 992	12 032,197	159 922,564	13,291	12,821
30	38	97 894	11 181,593	147 890,367	13,226	12,756
31	39	97 780	10 389,371	136 708,774	13,159	12,688
32	40	97 661	9 652,773	126 319,403	13,086	12,616
33	41	97 533	8 967,477	116 666,630	13,010	12,540
34	42	97 389	8 329,565	107 699,153	12,930	12,459
35	43	97 237	7 736,324	99 369,588	12,845	12,374
36	44	97 071	7 184,278	91 633,263	12,755	12,284
37	45	96 893	6 670,824	84 448,986	12,659	12,189
38	46	96 687	6 192,195	77 778,161	12,561	12,090
39	47	96 466	5 747,025	71 585,967	12,456	11,986
40	48	96 226	5 332,797	65 838,941	12,346	11,876
41	49	95 954	4 946,704	60 506,144	12,232	11,761
42	50	95 658	4 587,414	55 559,441	12,111	11,641
43	51	95 344	4 253,317	50 972,027	11,984	11,514
44	52	94 993	3 942,017	46 718,710	11,851	11,381
45	53	94 601	3 651,860	42 776,693	11,714	11,243
46	54	94 173	3 381,719	39 124,833	11,570	11,099
47	55	93 696	3 129,863	35 743,114	11,420	10,950
48	56	93 171	2 895,179	32 613,251	11,265	10,794
49	57	92 591	2 676,431	29 718,072	11,104	10,633
50	58	91 954	2 472,564	27 041,641	10,937	10,466
51	59	91 250	2 282,443	24 569,077	10,764	10,294
52	60	90 484	2 105,387	22 286,633	10,586	10,115
53	61	89 634	1 940,100	20 181,246	10,402	9,932
54	62	88 706	1 786,053	18 241,146	10,213	9,743
55	63	87 693	1 642,475	16 455,092	10,018	9,548
56	64	86 586	1 508,599	14 812,618	9,819	9,349
57	65	85 373	1 383,686	13 304,019	9,615	9,145
58	66	84 071	1 267,528	11 920,333	9,404	8,934
59	67	82 655	1 159,231	10 652,805	9,190	8,719
60	68	81 140	1 058,584	9 493,574	8,968	8,498
61	69	79 501	964,843	8 434,990	8,742	8,272
62	70	77 732	877,558	7 470,147	8,512	8,042
63	71	75 836	796,423	6 592,589	8,278	7,807
64	72	73 826	721,224	5 796,167	8,037	7,566
65	73	71 696	651,547	5 074,943	7,789	7,319
66	74	69 432	586,948	4 423,395	7,536	7,066
67	75	67 060	527,350	3 836,448	7,275	6,805
68	76	64 587	472,466	3 309,097	7,004	6,534
69	77	61 982	421,777	2 836,632	6,725	6,255
70	78	59 231	374,933	2 414,855	6,441	5,970
71	79	56 320	331,636	2 039,922	6,151	5,681
72	80	53 207	291,445	1 708,286	5,861	5,391
73	81	49 924	254,387	1 416,840	5,570	5,099
74	82	46 420	220,028	1 162,454	5,283	4,813
75	83	42 756	188,522	942,425	4,999	4,529
76	84	38 975	159,862	753,903	4,716	4,246
77	85	35 081	133,851	594,041	4,438	3,968
78	86	31 092	110,353	460,189	4,170	3,700
79	87	27 091	89,444	349,837	3,911	3,441
80	88	23 152	71,108	260,393	3,662	3,192
81	89	19 351	55,287	189,285	3,424	2,953
82	90	15 758	41,880	133,998	3,200	2,729
83	91	12 458	30,799	92,118	2,991	2,521
84	92	9 525	21,905	61,318	2,799	2,329
85	93	7 027	15,033	39,413	2,622	2,151
86	94	4 977	9,904	24,380	2,462	1,991
87	95	3 380	6,258	14,476	2,313	1,843
88	96	2 192	3,775	8,219	2,177	1,707
89	97	1 333	2,136	4,444	2,081	1,611
90	98	780	1,163	2,308	1,985	1,515
91	99	439	0,608	1,146	1,884	1,414
92	100	233	0,300	0,538	1,790	1,320

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 613	99 613,291	1 404 644,739	14,101	13,631
1	10	99 252	92 327,786	1 305 031,448	14,135	13,664
2	11	99 219	85 857,550	1 212 703,662	14,125	13,654
3	12	99 196	79 848,845	1 126 846,112	14,112	13,642
4	13	99 177	74 264,072	1 046 997,266	14,098	13,628
5	14	99 157	69 068,990	972 733,194	14,084	13,613
6	15	99 138	64 237,845	903 664,205	14,067	13,597
7	16	99 117	59 743,433	839 426,359	14,051	13,580
8	17	99 094	55 562,317	779 682,926	14,033	13,562
9	18	99 072	51 674,419	724 120,609	14,013	13,543
10	19	99 045	48 055,911	672 446,190	13,993	13,523
11	20	99 020	44 691,818	624 390,279	13,971	13,501
12	21	98 994	41 562,881	579 698,461	13,948	13,477
13	22	98 970	38 654,109	538 135,580	13,922	13,452
14	23	98 945	35 948,009	499 481,471	13,895	13,424
15	24	98 914	33 429,455	463 533,462	13,866	13,396
16	25	98 880	31 086,601	430 104,008	13,836	13,365
17	26	98 837	28 905,113	399 017,407	13,804	13,334
18	27	98 791	26 876,030	370 112,294	13,771	13,301
19	28	98 732	24 986,001	343 236,264	13,737	13,267
20	29	98 669	23 228,074	318 250,263	13,701	13,231
21	30	98 601	21 592,591	295 022,190	13,663	13,193
22	31	98 530	20 071,623	273 429,599	13,623	13,152
23	32	98 454	18 656,947	253 357,976	13,580	13,110
24	33	98 380	17 342,248	234 701,028	13,533	13,063
25	34	98 298	16 118,853	217 358,781	13,485	13,014
26	35	98 215	14 981,630	201 239,928	13,432	12,962
27	36	98 130	13 924,265	186 258,297	13,377	12,906
28	37	98 039	12 940,886	172 334,033	13,317	12,847
29	38	97 945	12 026,486	159 393,147	13,254	12,783
30	39	97 835	11 174,847	147 366,661	13,187	12,717
31	40	97 722	10 383,125	136 191,814	13,117	12,646
32	41	97 594	9 646,154	125 808,688	13,042	12,572
33	42	97 460	8 960,839	116 162,534	12,963	12,493
34	43	97 312	8 322,954	107 201,695	12,880	12,410
35	44	97 149	7 729,299	98 878,742	12,793	12,322
36	45	96 976	7 177,305	91 149,442	12,700	12,229
37	46	96 781	6 663,138	83 972,138	12,602	12,132
38	47	96 569	6 184,655	77 309,000	12,500	12,030
39	48	96 334	5 739,150	71 124,344	12,393	11,923
40	49	96 073	5 324,296	65 385,194	12,281	11,810
41	50	95 786	4 938,056	60 060,898	12,163	11,693
42	51	95 481	4 578,913	55 122,841	12,038	11,568
43	52	95 139	4 244,203	50 543,929	11,909	11,439
44	53	94 771	3 932,820	46 299,725	11,773	11,302
45	54	94 358	3 642,483	42 366,905	11,631	11,161
46	55	93 901	3 371,951	38 724,422	11,484	11,014
47	56	93 392	3 119,705	35 352,472	11,332	10,862
48	57	92 838	2 884,823	32 232,767	11,173	10,703
49	58	92 228	2 665,928	29 347,943	11,009	10,538
50	59	91 554	2 461,810	26 682,015	10,838	10,368
51	60	90 820	2 271,701	24 220,205	10,662	10,191
52	61	90 007	2 094,280	21 948,504	10,480	10,010
53	62	89 124	1 929,069	19 854,224	10,292	9,822
54	63	88 162	1 775,097	17 925,155	10,098	9,628
55	64	87 101	1 631,390	16 150,058	9,900	9,429
56	65	85 939	1 497,326	14 518,669	9,696	9,226
57	66	84 692	1 372,657	13 021,343	9,486	9,016
58	67	83 335	1 256,422	11 648,686	9,271	8,801
59	68	81 871	1 148,239	10 392,264	9,051	8,580
60	69	80 290	1 047,505	9 244,025	8,825	8,355
61	70	78 582	953,695	8 196,520	8,594	8,124
62	71	76 753	866,502	7 242,825	8,359	7,888
63	72	74 797	785,510	6 376,324	8,117	7,647
64	73	72 733	710,540	5 590,813	7,868	7,398
65	74	70 519	640,851	4 880,273	7,615	7,145
66	75	68 193	576,475	4 239,422	7,354	6,884
67	76	65 771	517,209	3 662,947	7,082	6,612
68	77	63 194	462,277	3 145,739	6,805	6,335
69	78	60 507	411,740	2 683,462	6,517	6,047
70	79	57 605	364,642	2 271,722	6,230	5,760
71	80	54 551	321,218	1 907,080	5,937	5,467
72	81	51 267	280,819	1 585,862	5,647	5,177
73	82	47 794	243,531	1 305,043	5,359	4,889
74	83	44 128	209,164	1 061,512	5,075	4,605
75	84	40 331	177,831	852,349	4,793	4,323
76	85	36 436	149,445	674,518	4,513	4,043
77	86	32 411	123,662	525,073	4,246	3,776
78	87	28 381	100,732	401,411	3,985	3,515
79	88	24 383	80,504	300,679	3,735	3,265
80	89	20 508	62,988	220,174	3,496	3,025
81	90	16 845	48,126	157,187	3,266	2,796
82	91	13 434	35,703	109,060	3,055	2,584
83	92	10 370	25,636	73,357	2,861	2,391
84	93	7 739	17,798	47,720	2,681	2,211
85	94	5 559	11,892	29,923	2,516	2,046
86	95	3 831	7,624	18,031	2,365	1,895
87	96	2 526	4,676	10,407	2,226	1,755
88	97	1 566	2,697	5,731	2,125	1,655
89	98	934	1,497	3,034	2,027	1,557
90	99	536	0,799	1,537	1,925	1,455
91	100	291	0,403	0,739	1,832	1,362

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 607	99 607,197	1 403 877,745	14,094	13,624
1	11	99 247	92 322,386	1 304 270,548	14,127	13,657
2	12	99 211	85 850,911	1 211 948,162	14,117	13,647
3	13	99 188	79 842,575	1 126 097,251	14,104	13,634
4	14	99 168	74 257,075	1 046 254,676	14,090	13,619
5	15	99 148	69 062,621	971 997,601	14,074	13,604
6	16	99 126	64 230,029	902 934,979	14,058	13,588
7	17	99 103	59 734,636	838 704,950	14,041	13,570
8	18	99 081	55 554,751	778 970,314	14,022	13,551
9	19	99 053	51 664,238	723 415,562	14,002	13,532
10	20	99 027	48 047,512	671 751,324	13,981	13,511
11	21	99 001	44 683,556	623 703,813	13,958	13,488
12	22	98 977	41 556,027	579 020,257	13,933	13,463
13	23	98 954	38 647,815	537 464,230	13,907	13,436
14	24	98 927	35 941,540	498 816,414	13,879	13,408
15	25	98 896	33 423,439	462 874,875	13,849	13,379
16	26	98 861	31 080,688	429 451,435	13,817	13,347
17	27	98 818	28 899,673	398 370,748	13,785	13,314
18	28	98 770	26 870,247	369 471,075	13,750	13,280
19	29	98 709	24 980,113	342 600,828	13,715	13,245
20	30	98 644	23 222,063	317 620,715	13,678	13,207
21	31	98 570	21 585,743	294 398,652	13,639	13,168
22	32	98 499	20 065,321	272 812,909	13,596	13,126
23	33	98 421	18 650,555	252 747,588	13,552	13,081
24	34	98 345	17 335,999	234 097,033	13,504	13,033
25	35	98 258	16 112,309	216 761,035	13,453	12,983
26	36	98 175	14 975,456	200 648,726	13,399	12,928
27	37	98 085	13 917,880	185 673,270	13,341	12,870
28	38	97 993	12 934,744	171 755,390	13,279	12,808
29	39	97 886	12 019,231	158 820,646	13,214	12,744
30	40	97 776	11 168,130	146 801,415	13,145	12,674
31	41	97 655	10 376,006	135 633,286	13,072	12,602
32	42	97 522	9 639,013	125 257,280	12,995	12,525
33	43	97 383	8 953,726	115 618,267	12,913	12,443
34	44	97 223	8 315,396	106 664,540	12,827	12,357
35	45	97 054	7 721,797	98 349,145	12,737	12,266
36	46	96 865	7 169,035	90 627,347	12,641	12,171
37	47	96 664	6 655,025	83 458,312	12,541	12,070
38	48	96 437	6 176,181	76 803,287	12,435	11,965
39	49	96 180	5 730,002	70 627,106	12,326	11,856
40	50	95 905	5 314,989	64 897,104	12,210	11,740
41	51	95 609	4 928,905	59 582,115	12,088	11,618
42	52	95 277	4 569,101	54 653,210	11,961	11,491
43	53	94 917	4 234,302	50 084,109	11,828	11,358
44	54	94 528	3 922,722	45 849,807	11,688	11,218
45	55	94 085	3 631,961	41 927,085	11,544	11,074
46	56	93 596	3 361,007	38 295,124	11,394	10,924
47	57	93 058	3 108,546	34 934,117	11,238	10,768
48	58	92 474	2 873,503	31 825,571	11,076	10,605
49	59	91 827	2 654,333	28 952,068	10,907	10,437
50	60	91 123	2 450,224	26 297,735	10,733	10,263
51	61	90 341	2 259,716	23 847,511	10,553	10,083
52	62	89 495	2 082,372	21 587,796	10,367	9,897
53	63	88 578	1 917,235	19 505,424	10,174	9,703
54	64	87 567	1 763,117	17 588,189	9,976	9,505
55	65	86 450	1 619,199	15 825,072	9,773	9,303
56	66	85 254	1 485,391	14 205,873	9,564	9,093
57	67	83 950	1 360,630	12 720,481	9,349	8,879
58	68	82 545	1 244,508	11 359,852	9,128	8,658
59	69	81 014	1 136,222	10 115,344	8,903	8,432
60	70	79 363	1 035,401	8 979,121	8,672	8,202
61	71	77 592	941,679	7 943,720	8,436	7,965
62	72	75 701	854,629	7 002,041	8,193	7,723
63	73	73 689	773,874	6 147,412	7,944	7,473
64	74	71 539	698,876	5 373,538	7,689	7,219
65	75	69 261	629,416	4 674,662	7,427	6,957
66	76	66 881	565,388	4 045,245	7,155	6,685
67	77	64 352	506,055	3 479,857	6,876	6,406
68	78	61 690	451,276	2 973,803	6,590	6,119
69	79	58 846	400,439	2 522,526	6,299	5,829
70	80	55 795	353,187	2 122,088	6,008	5,538
71	81	52 562	309,506	1 768,901	5,715	5,245
72	82	49 079	268,835	1 459,395	5,429	4,958
73	83	45 434	231,506	1 190,560	5,143	4,672
74	84	41 625	197,302	959,054	4,861	4,391
75	85	37 703	166,243	761,753	4,582	4,112
76	86	33 662	138,069	595,510	4,313	3,843
77	87	29 585	112,881	457,441	4,052	3,582
78	88	25 545	90,664	344,560	3,800	3,330
79	89	21 598	71,310	253,896	3,560	3,090
80	90	17 852	54,830	182,585	3,330	2,860
81	91	14 361	41,029	127,756	3,114	2,644
82	92	11 182	29,718	86,727	2,918	2,448
83	93	8 425	20,830	57,008	2,737	2,267
84	94	6 122	14,079	36,179	2,570	2,100
85	95	4 279	9,155	22,100	2,414	1,944
86	96	2 863	5,697	12,946	2,272	1,802
87	97	1 804	3,340	7,249	2,170	1,700
88	98	1 098	1,890	3,908	2,068	1,597
89	99	642	1,028	2,018	1,963	1,492
90	100	355	0,529	0,990	1,870	1,399

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 601	99 601,371	1 403 050,030	14,087	13,616
1	12	99 239	92 315,246	1 303 448,660	14,120	13,649
2	13	99 204	85 844,170	1 211 133,413	14,109	13,638
3	14	99 179	79 835,053	1 125 289,244	14,095	13,625
4	15	99 159	74 250,228	1 045 454,191	14,080	13,610
5	16	99 136	69 054,219	971 203,962	14,064	13,594
6	17	99 112	64 220,572	902 149,744	14,048	13,577
7	18	99 089	59 726,502	837 929,172	14,029	13,559
8	19	99 061	55 543,806	778 202,669	14,011	13,540
9	20	99 035	51 655,208	722 658,863	13,990	13,520
10	21	99 009	48 038,629	671 003,655	13,968	13,498
11	22	98 985	44 676,187	622 965,027	13,944	13,474
12	23	98 961	41 549,262	578 288,840	13,918	13,448
13	24	98 937	38 640,860	536 739,578	13,890	13,420
14	25	98 909	35 935,072	498 098,718	13,861	13,391
15	26	98 877	33 417,081	462 163,645	13,830	13,360
16	27	98 843	31 074,838	428 746,564	13,797	13,327
17	28	98 797	28 893,454	397 671,726	13,763	13,293
18	29	98 746	26 863,915	368 778,272	13,728	13,257
19	30	98 683	24 973,649	341 914,356	13,691	13,221
20	31	98 613	23 214,699	316 940,707	13,653	13,182
21	32	98 539	21 578,965	293 726,009	13,612	13,141
22	33	98 465	20 058,446	272 147,044	13,568	13,097
23	34	98 385	18 643,834	252 088,598	13,521	13,051
24	35	98 305	17 328,961	233 444,764	13,471	13,001
25	36	98 218	16 105,668	216 115,803	13,419	12,948
26	37	98 130	14 968,590	200 010,135	13,362	12,892
27	38	98 038	13 911,274	185 041,545	13,302	12,831
28	39	97 934	12 926,941	171 130,271	13,238	12,768
29	40	97 828	12 012,005	158 203,330	13,170	12,700
30	41	97 709	11 160,472	146 191,325	13,099	12,629
31	42	97 582	10 368,325	135 030,853	13,023	12,553
32	43	97 445	9 631,362	124 662,529	12,943	12,473
33	44	97 295	8 945,596	115 031,166	12,859	12,389
34	45	97 129	8 307,325	106 085,571	12,770	12,300
35	46	96 942	7 712,900	97 778,245	12,677	12,207
36	47	96 747	7 160,306	90 065,345	12,578	12,108
37	48	96 531	6 645,906	82 905,039	12,475	12,004
38	49	96 283	6 166,336	76 259,133	12,367	11,897
39	50	96 012	5 719,985	70 092,797	12,254	11,784
40	51	95 727	5 305,139	64 372,812	12,134	11,664
41	52	95 404	4 918,344	59 067,673	12,010	11,539
42	53	95 054	4 558,442	54 149,329	11,879	11,409
43	54	94 674	4 223,429	49 590,887	11,742	11,272
44	55	94 255	3 911,391	45 367,458	11,599	11,129
45	56	93 780	3 620,173	41 456,067	11,451	10,981
46	57	93 262	3 348,985	37 835,894	11,298	10,827
47	58	92 693	3 096,348	34 486,909	11,138	10,668
48	59	92 071	2 861,005	31 390,561	10,972	10,502
49	60	91 395	2 641,840	28 529,556	10,799	10,329
50	61	90 642	2 437,297	25 887,716	10,621	10,151
51	62	89 827	2 246,867	23 450,419	10,437	9,967
52	63	88 946	2 069,598	21 203,551	10,245	9,775
53	64	87 980	1 904,296	19 133,954	10,048	9,578
54	65	86 912	1 749,942	17 229,658	9,846	9,376
55	66	85 761	1 606,293	15 479,716	9,637	9,167
56	67	84 507	1 472,376	13 873,423	9,422	8,952
57	68	83 154	1 347,728	12 401,047	9,201	8,731
58	69	81 681	1 231,483	11 053,319	8,976	8,505
59	70	80 078	1 123,094	9 821,835	8,745	8,275
60	71	78 363	1 022,356	8 698,742	8,509	8,038
61	72	76 529	928,777	7 676,385	8,265	7,795
62	73	74 580	841,969	6 747,608	8,014	7,544
63	74	72 479	761,170	5 905,640	7,759	7,288
64	75	70 262	686,406	5 144,470	7,495	7,025
65	76	67 929	617,312	4 458,064	7,222	6,751
66	77	65 439	553,195	3 840,752	6,943	6,473
67	78	62 821	494,012	3 287,557	6,655	6,185
68	79	59 997	438,890	2 793,545	6,365	5,895
69	80	56 998	387,859	2 354,655	6,071	5,601
70	81	53 761	340,309	1 966,796	5,779	5,309
71	82	50 319	296,298	1 626,487	5,489	5,019
72	83	46 655	255,560	1 330,189	5,205	4,735
73	84	42 857	218,377	1 074,629	4,921	4,451
74	85	38 913	184,445	856,252	4,642	4,172
75	86	34 833	153,588	671,807	4,374	3,904
76	87	30 727	126,032	518,219	4,112	3,642
77	88	26 628	101,599	392,188	3,860	3,390
78	89	22 627	80,310	290,589	3,618	3,148
79	90	18 801	62,074	210,278	3,388	2,917
80	91	15 219	46,743	148,204	3,171	2,700
81	92	11 953	34,151	101,460	2,971	2,501
82	93	9 085	24,146	67,309	2,788	2,317
83	94	6 665	16,477	43,163	2,620	2,149
84	95	4 713	10,838	26,686	2,462	1,992
85	96	3 197	6,840	15,848	2,317	1,847
86	97	2 045	4,070	9,008	2,213	1,743
87	98	1 265	2,341	4,938	2,109	1,639
88	99	754	1,298	2,597	2,000	1,529
89	100	426	0,682	1,298	1,904	1,434

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 594	99 593,669	1 402 156,606	14,079	13,608
1	13	99 231	92 307,997	1 302 562,937	14,111	13,641
2	14	99 194	85 836,082	1 210 254,939	14,100	13,629
3	15	99 170	79 827,692	1 124 418,858	14,086	13,615
4	16	99 147	74 241,194	1 044 591,166	14,070	13,600
5	17	99 122	69 044,051	970 349,972	14,054	13,584
6	18	99 098	64 211,827	901 305,921	14,036	13,566
7	19	99 070	59 714,735	837 094,094	14,018	13,548
8	20	99 044	55 534,098	777 379,358	13,998	13,528
9	21	99 017	51 645,658	721 845,261	13,977	13,507
10	22	98 993	48 030,707	670 199,603	13,954	13,483
11	23	98 969	44 668,914	622 168,896	13,928	13,458
12	24	98 943	41 541,784	577 499,982	13,902	13,431
13	25	98 919	38 633,907	535 958,198	13,873	13,402
14	26	98 890	35 928,237	497 324,290	13,842	13,372
15	27	98 858	33 410,792	461 396,054	13,810	13,340
16	28	98 821	31 068,152	427 985,261	13,776	13,305
17	29	98 774	28 886,645	396 917,110	13,741	13,270
18	30	98 721	26 856,964	368 030,464	13,703	13,233
19	31	98 652	24 965,729	341 173,501	13,666	13,195
20	32	98 582	23 207,409	316 207,772	13,625	13,155
21	33	98 505	21 571,571	293 000,362	13,583	13,112
22	34	98 430	20 051,218	271 428,791	13,537	13,066
23	35	98 345	18 636,265	251 377,573	13,489	13,018
24	36	98 264	17 321,819	232 741,308	13,436	12,966
25	37	98 173	16 098,284	215 419,489	13,382	12,911
26	38	98 083	14 961,485	199 321,205	13,322	12,852
27	39	97 979	13 902,882	184 359,720	13,261	12,790
28	40	97 875	12 919,170	170 456,838	13,194	12,724
29	41	97 760	12 003,769	157 537,669	13,124	12,654
30	42	97 637	11 152,210	145 533,900	13,050	12,580
31	43	97 505	10 360,095	134 381,690	12,971	12,501
32	44	97 356	9 622,616	124 021,595	12,889	12,418
33	45	97 200	8 936,913	114 398,979	12,801	12,330
34	46	97 017	8 297,753	105 462,065	12,710	12,239
35	47	96 824	7 703,510	97 164,312	12,613	12,143
36	48	96 614	7 150,495	89 460,803	12,511	12,041
37	49	96 377	6 635,312	82 310,308	12,405	11,935
38	50	96 115	6 155,556	75 674,996	12,294	11,823
39	51	95 834	5 709,385	69 519,440	12,176	11,706
40	52	95 522	5 293,772	63 810,055	12,054	11,584
41	53	95 181	4 906,870	58 516,283	11,925	11,455
42	54	94 810	4 546,737	53 609,413	11,791	11,320
43	55	94 400	4 211,229	49 062,676	11,650	11,180
44	56	93 949	3 898,696	44 851,447	11,504	11,034
45	57	93 445	3 607,224	40 952,750	11,353	10,883
46	58	92 896	3 335,843	37 345,526	11,195	10,725
47	59	92 290	3 082,880	34 009,683	11,032	10,562
48	60	91 638	2 847,540	30 926,803	10,861	10,391
49	61	90 913	2 627,902	28 079,262	10,685	10,215
50	62	90 127	2 423,439	25 451,360	10,502	10,032
51	63	89 276	2 233,084	23 027,922	10,312	9,842
52	64	88 346	2 055,630	20 794,838	10,116	9,646
53	65	87 322	1 890,066	18 739,208	9,915	9,444
54	66	86 219	1 735,994	16 849,142	9,706	9,235
55	67	85 010	1 592,219	15 113,148	9,492	9,022
56	68	83 706	1 458,415	13 520,929	9,271	8,801
57	69	82 284	1 333,623	12 062,514	9,045	8,575
58	70	80 737	1 217,254	10 728,891	8,814	8,344
59	71	79 070	1 108,944	9 511,637	8,577	8,107
60	72	77 289	1 008,348	8 402,693	8,333	7,863
61	73	75 396	915,018	7 394,345	8,081	7,611
62	74	73 355	828,147	6 479,326	7,824	7,354
63	75	71 186	747,588	5 651,180	7,559	7,089
64	76	68 911	673,205	4 903,591	7,284	6,814
65	77	66 464	603,999	4 230,386	7,004	6,534
66	78	63 882	540,031	3 626,387	6,715	6,245
67	79	61 097	480,453	3 086,356	6,424	5,954
68	80	58 112	425,102	2 605,904	6,130	5,660
69	81	54 920	373,717	2 180,801	5,835	5,365
70	82	51 467	325,787	1 807,084	5,547	5,077
71	83	47 834	281,667	1 481,298	5,259	4,789
72	84	44 010	241,067	1 199,630	4,976	4,506
73	85	40 065	204,147	958,563	4,695	4,225
74	86	35 951	170,404	754,417	4,427	3,957
75	87	31 796	140,198	584,013	4,166	3,695
76	88	27 656	113,436	443,815	3,912	3,442
77	89	23 587	89,996	330,379	3,671	3,201
78	90	19 697	69,909	240,383	3,439	2,968
79	91	16 028	52,920	170,474	3,221	2,751
80	92	12 668	38,908	117,554	3,021	2,551
81	93	9 712	27,748	78,647	2,834	2,364
82	94	7 187	19,100	50,899	2,665	2,195
83	95	5 131	12,684	31,799	2,507	2,037
84	96	3 521	8,099	19,114	2,360	1,890
85	97	2 284	4,886	11,016	2,254	1,784
86	98	1 434	2,853	6,129	2,149	1,678
87	99	869	1,608	3,277	2,037	1,567
88	100	500	0,861	1,668	1,938	1,468

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 586	99 585,848	1 401 194,435	14,070	13,600
1	14	99 222	92 299,301	1 301 608,587	14,102	13,632
2	15	99 185	85 828,167	1 209 309,286	14,090	13,620
3	16	99 158	79 817,979	1 123 481,119	14,076	13,605
4	17	99 132	74 230,263	1 043 663,140	14,060	13,590
5	18	99 108	69 034,649	969 432,877	14,043	13,572
6	19	99 079	64 199,177	900 398,228	14,025	13,555
7	20	99 052	59 704,298	836 199,051	14,006	13,535
8	21	99 026	55 523,831	776 494,753	13,985	13,515
9	22	99 001	51 637,142	720 970,923	13,962	13,492
10	23	98 977	48 022,887	669 333,781	13,938	13,468
11	24	98 951	44 660,875	621 310,894	13,912	13,441
12	25	98 926	41 534,310	576 650,019	13,884	13,413
13	26	98 900	38 626,558	535 115,710	13,854	13,383
14	27	98 872	35 921,475	496 489,152	13,822	13,351
15	28	98 837	33 403,603	460 567,676	13,788	13,318
16	29	98 798	31 060,831	427 164,073	13,753	13,282
17	30	98 748	28 879,170	396 103,243	13,716	13,246
18	31	98 690	26 848,446	367 224,072	13,678	13,207
19	32	98 621	24 957,890	340 375,626	13,638	13,168
20	33	98 548	23 199,458	315 417,736	13,596	13,126
21	34	98 470	21 563,799	292 218,278	13,551	13,081
22	35	98 390	20 043,078	270 654,480	13,504	13,033
23	36	98 305	18 628,584	250 611,402	13,453	12,983
24	37	98 219	17 313,877	231 982,818	13,399	12,928
25	38	98 126	16 090,643	214 668,941	13,341	12,871
26	39	98 024	14 952,459	198 578,299	13,281	12,810
27	40	97 920	13 894,524	183 625,839	13,216	12,745
28	41	97 808	12 910,311	169 731,315	13,147	12,677
29	42	97 688	11 994,883	156 821,004	13,074	12,604
30	43	97 560	11 143,358	144 826,121	12,997	12,526
31	44	97 416	10 350,687	133 682,763	12,915	12,445
32	45	97 262	9 613,277	123 332,076	12,829	12,359
33	46	97 088	8 926,616	113 718,799	12,739	12,269
34	47	96 899	8 287,650	104 792,183	12,644	12,174
35	48	96 692	7 692,953	96 504,533	12,545	12,074
36	49	96 460	7 139,096	88 811,580	12,440	11,970
37	50	96 209	6 623,713	81 672,483	12,330	11,860
38	51	95 936	6 144,149	75 048,770	12,215	11,744
39	52	95 629	5 697,152	68 904,621	12,095	11,624
40	53	95 299	5 281,422	63 207,470	11,968	11,498
41	54	94 937	4 894,270	57 926,048	11,835	11,365
42	55	94 536	4 533,603	53 031,777	11,697	11,227
43	56	94 094	4 197,562	48 498,174	11,554	11,084
44	57	93 613	3 884,751	44 300,612	11,404	10,933
45	58	93 078	3 593,069	40 415,862	11,248	10,778
46	59	92 492	3 321,334	36 822,793	11,087	10,616
47	60	91 856	3 068,371	33 501,458	10,918	10,448
48	61	91 155	2 832,517	30 433,087	10,744	10,274
49	62	90 396	2 612,960	27 600,571	10,563	10,093
50	63	89 574	2 408,572	24 987,610	10,374	9,904
51	64	88 674	2 218,013	22 579,038	10,180	9,710
52	65	87 685	2 040,269	20 361,025	9,980	9,509
53	66	86 626	1 875,001	18 320,756	9,771	9,301
54	67	85 464	1 720,783	16 445,755	9,557	9,087
55	68	84 204	1 577,121	14 724,972	9,337	8,866
56	69	82 830	1 443,152	13 147,851	9,111	8,640
57	70	81 333	1 318,214	11 704,699	8,879	8,409
58	71	79 720	1 201,918	10 386,486	8,642	8,171
59	72	77 986	1 093,749	9 184,568	8,397	7,927
60	73	76 144	993,411	8 090,818	8,144	7,674
61	74	74 158	899,997	7 097,407	7,886	7,416
62	75	72 047	813,370	6 197,410	7,619	7,149
63	76	69 817	733,211	5 384,040	7,343	6,873
64	77	67 425	658,687	4 650,828	7,061	6,590
65	78	64 882	589,626	3 992,142	6,771	6,300
66	79	62 128	525,208	3 402,516	6,478	6,008
67	80	59 177	465,359	2 877,308	6,183	5,713
68	81	55 994	409,602	2 411,948	5,889	5,418
69	82	52 576	357,769	2 002,346	5,597	5,126
70	83	48 925	309,700	1 644,577	5,310	4,840
71	84	45 121	265,694	1 334,877	5,024	4,554
72	85	41 142	225,358	1 069,184	4,744	4,274
73	86	37 015	188,606	843,825	4,474	4,004
74	87	32 816	155,548	655,219	4,212	3,742
75	88	28 618	126,186	499,671	3,960	3,490
76	89	24 498	100,481	373,485	3,717	3,247
77	90	20 532	78,340	273,004	3,485	3,015
78	91	16 792	59,599	194,664	3,266	2,796
79	92	13 341	44,049	135,065	3,066	2,596
80	93	10 293	31,612	91,016	2,879	2,409
81	94	7 683	21,949	59,404	2,706	2,236
82	95	5 533	14,704	37,455	2,547	2,077
83	96	3 834	9,478	22,751	2,400	1,930
84	97	2 516	5,785	13,273	2,294	1,824
85	98	1 601	3,425	7,488	2,186	1,716
86	99	985	1,960	4,062	2,073	1,603
87	100	576	1,066	2,103	1,972	1,502

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	14	99 576	99 576,466	1 400 158,379	14,061	13,591
1	15	99 213	92 290,790	1 300 581,913	14,092	13,622
2	16	99 173	85 817,725	1 208 291,123	14,080	13,609
3	17	99 143	79 806,226	1 122 473,398	14,065	13,595
4	18	99 119	74 220,155	1 042 667,172	14,048	13,578
5	19	99 089	69 021,048	968 447,016	14,031	13,561
6	20	99 061	64 187,955	899 425,968	14,012	13,542
7	21	99 034	59 693,260	835 238,013	13,992	13,522
8	22	99 009	55 514,675	775 544,753	13,970	13,500
9	23	98 985	51 628,735	720 030,078	13,946	13,476
10	24	98 959	48 014,245	668 401,344	13,921	13,451
11	25	98 933	44 652,839	620 387,099	13,894	13,423
12	26	98 907	41 526,409	575 734,260	13,864	13,394
13	27	98 881	38 619,289	534 207,851	13,833	13,362
14	28	98 851	35 913,745	495 588,563	13,799	13,329
15	29	98 814	33 395,732	459 674,817	13,764	13,294
16	30	98 773	31 052,793	426 279,086	13,728	13,257
17	31	98 717	28 870,012	395 226,293	13,690	13,220
18	32	98 659	26 840,016	366 356,281	13,650	13,179
19	33	98 587	24 949,339	339 516,264	13,608	13,138
20	34	98 512	23 191,098	314 566,926	13,564	13,094
21	35	98 430	21 555,044	291 375,828	13,518	13,047
22	36	98 349	20 034,817	269 820,784	13,468	12,997
23	37	98 260	18 620,043	249 785,967	13,415	12,945
24	38	98 173	17 305,658	231 165,924	13,358	12,888
25	39	98 067	16 080,936	213 860,265	13,299	12,829
26	40	97 965	14 943,471	197 779,329	13,235	12,765
27	41	97 853	13 884,997	182 835,859	13,168	12,698
28	42	97 735	12 900,754	168 950,862	13,096	12,626
29	43	97 611	11 985,362	156 050,108	13,020	12,550
30	44	97 471	11 133,239	144 064,746	12,940	12,470
31	45	97 322	10 340,641	132 931,507	12,855	12,385
32	46	97 150	9 602,200	122 590,866	12,767	12,297
33	47	96 970	8 915,748	112 988,666	12,673	12,203
34	48	96 766	8 276,294	104 072,918	12,575	12,105
35	49	96 538	7 680,690	95 796,624	12,472	12,002
36	50	96 292	7 126,617	88 115,934	12,364	11,894
37	51	96 030	6 611,438	80 989,317	12,250	11,780
38	52	95 731	6 130,984	74 377,879	12,131	11,661
39	53	95 406	5 683,860	68 246,895	12,007	11,537
40	54	95 055	5 267,861	62 563,035	11,876	11,406
41	55	94 663	4 880,132	57 295,174	11,740	11,270
42	56	94 230	4 518,889	52 415,042	11,599	11,129
43	57	93 757	4 182,547	47 896,152	11,451	10,981
44	58	93 246	3 869,507	43 713,605	11,297	10,827
45	59	92 673	3 577,441	39 844,098	11,138	10,667
46	60	92 056	3 305,703	36 266,657	10,971	10,501
47	61	91 371	3 052,183	32 960,954	10,799	10,329
48	62	90 636	2 816,411	29 908,772	10,619	10,149
49	63	89 841	2 596,931	27 092,360	10,432	9,962
50	64	88 970	2 392,317	24 495,429	10,239	9,769
51	65	88 011	2 201,439	22 103,112	10,040	9,570
52	66	86 987	2 024,007	19 901,674	9,833	9,363
53	67	85 867	1 858,572	17 877,666	9,619	9,149
54	68	84 654	1 704,466	16 019,094	9,398	8,928
55	69	83 322	1 560,615	14 314,628	9,172	8,702
56	70	81 873	1 426,476	12 754,013	8,941	8,471
57	71	80 309	1 301,606	11 327,536	8,703	8,232
58	72	78 627	1 185,450	10 025,931	8,457	7,987
59	73	76 831	1 077,547	8 840,481	8,204	7,734
60	74	74 894	977,103	7 762,934	7,945	7,475
61	75	72 835	883,938	6 785,831	7,677	7,207
62	76	70 661	797,728	5 901,892	7,398	6,928
63	77	68 312	717,399	5 104,164	7,115	6,645
64	78	65 820	643,012	4 386,765	6,822	6,352
65	79	63 101	573,442	3 743,753	6,529	6,058
66	80	60 177	508,709	3 170,311	6,232	5,762
67	81	57 020	448,392	2 661,602	5,936	5,466
68	82	53 604	392,123	2 213,211	5,644	5,174
69	83	49 980	340,103	1 821,088	5,355	4,884
70	84	46 151	292,136	1 480,985	5,070	4,599
71	85	42 181	248,380	1 188,849	4,786	4,316
72	86	38 010	208,203	940,468	4,517	4,047
73	87	33 788	172,163	732,265	4,253	3,783
74	88	29 537	140,002	560,102	4,001	3,530
75	89	25 350	111,775	420,100	3,758	3,288
76	90	21 325	87,467	308,325	3,525	3,055
77	91	17 504	66,787	220,858	3,307	2,837
78	92	13 977	49,608	154,071	3,106	2,635
79	93	10 840	35,790	104,463	2,919	2,449
80	94	8 142	25,006	68,674	2,746	2,276
81	95	5 914	16,897	43,668	2,584	2,114
82	96	4 134	10,987	26,770	2,437	1,966
83	97	2 739	6,771	15,783	2,331	1,861
84	98	1 763	4,055	9,013	2,222	1,752
85	99	1 100	2,353	4,957	2,107	1,637
86	100	653	1,299	2,604	2,005	1,534

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 567	99 567,285	1 399 044,481	14,051	13,581
1	16	99 201	92 279,561	1 299 477,197	14,082	13,612
2	17	99 159	85 805,088	1 207 197,635	14,069	13,599
3	18	99 130	79 795,360	1 121 392,547	14,053	13,583
4	19	99 099	74 205,533	1 041 597,187	14,037	13,566
5	20	99 071	69 008,984	967 391,654	14,018	13,548
6	21	99 043	64 176,088	898 382,670	13,999	13,528
7	22	99 018	59 683,416	834 206,582	13,977	13,507
8	23	98 993	55 505,636	774 523,166	13,954	13,484
9	24	98 967	51 619,443	719 017,529	13,929	13,459
10	25	98 941	48 005,605	667 398,086	13,903	13,432
11	26	98 914	44 644,345	619 392,480	13,874	13,404
12	27	98 888	41 518,594	574 748,136	13,843	13,373
13	28	98 860	38 610,979	533 229,542	13,810	13,340
14	29	98 827	35 905,283	494 618,564	13,776	13,305
15	30	98 788	33 387,090	458 713,281	13,739	13,269
16	31	98 741	31 042,945	425 326,191	13,701	13,231
17	32	98 686	28 860,947	394 283,246	13,661	13,191
18	33	98 625	26 830,820	365 422,299	13,619	13,149
19	34	98 552	24 940,348	338 591,479	13,576	13,106
20	35	98 472	23 181,683	313 651,131	13,530	13,060
21	36	98 389	21 546,160	290 469,448	13,481	13,011
22	37	98 304	20 025,631	268 923,288	13,429	12,959
23	38	98 213	18 611,205	248 897,657	13,374	12,903
24	39	98 114	17 295,219	230 286,452	13,315	12,845
25	40	98 008	16 071,269	212 991,233	13,253	12,783
26	41	97 898	14 933,224	196 919,964	13,187	12,716
27	42	97 781	13 874,718	181 986,740	13,116	12,646
28	43	97 658	12 890,514	168 112,022	13,042	12,571
29	44	97 522	11 974,478	155 221,508	12,963	12,492
30	45	97 376	11 122,433	143 247,030	12,879	12,409
31	46	97 210	10 328,726	132 124,596	12,792	12,322
32	47	97 031	9 590,509	121 795,870	12,700	12,229
33	48	96 837	8 903,530	112 205,361	12,602	12,132
34	49	96 612	8 263,101	103 301,830	12,502	12,031
35	50	96 369	7 667,264	95 038,729	12,395	11,925
36	51	96 113	7 113,410	87 371,465	12,283	11,812
37	52	95 825	6 597,272	80 258,056	12,165	11,695
38	53	95 507	6 116,680	73 660,784	12,043	11,572
39	54	95 161	5 669,266	67 544,103	11,914	11,444
40	55	94 780	5 252,644	61 874,837	11,780	11,309
41	56	94 355	4 864,294	56 622,194	11,640	11,170
42	57	93 893	4 502,726	51 757,899	11,495	11,025
43	58	93 389	4 166,134	47 255,174	11,343	10,872
44	59	92 840	3 852,677	43 089,039	11,184	10,714
45	60	92 237	3 560,605	39 236,363	11,020	10,549
46	61	91 571	3 288,262	35 675,758	10,849	10,379
47	62	90 851	3 034,828	32 387,496	10,672	10,202
48	63	90 080	2 799,134	29 352,668	10,486	10,016
49	64	89 235	2 579,405	26 553,534	10,294	9,824
50	65	88 305	2 374,440	23 974,129	10,097	9,626
51	66	87 310	2 183,892	21 599,689	9,890	9,420
52	67	86 224	2 006,273	19 415,797	9,678	9,207
53	68	85 053	1 840,949	17 409,524	9,457	8,987
54	69	83 768	1 686,628	15 568,576	9,231	8,760
55	70	82 360	1 542,583	13 881,948	8,999	8,529
56	71	80 841	1 408,505	12 339,365	8,761	8,290
57	72	79 208	1 283,772	10 930,860	8,515	8,044
58	73	77 463	1 167,889	9 647,089	8,260	7,790
59	74	75 570	1 059,858	8 479,200	8,000	7,530
60	75	73 558	959,668	7 419,342	7,731	7,261
61	76	71 434	866,939	6 459,673	7,451	6,981
62	77	69 137	780,524	5 592,734	7,165	6,695
63	78	66 686	700,327	4 812,210	6,871	6,401
64	79	64 014	625,363	4 111,883	6,575	6,105
65	80	61 119	555,427	3 486,520	6,277	5,807
66	81	57 983	490,161	2 931,093	5,980	5,510
67	82	54 586	429,257	2 440,932	5,686	5,216
68	83	50 957	372,760	2 011,675	5,397	4,926
69	84	47 145	320,815	1 638,914	5,109	4,638
70	85	43 143	273,100	1 318,099	4,826	4,356
71	86	38 970	229,472	1 045,000	4,554	4,084
72	87	34 696	190,052	815,527	4,291	3,821
73	88	30 411	154,956	625,475	4,036	3,566
74	89	26 163	124,013	470,519	3,794	3,324
75	90	22 067	97,298	346,506	3,561	3,091
76	91	18 180	74,568	249,207	3,342	2,872
77	92	14 570	55,591	174,640	3,142	2,671
78	93	11 356	40,306	119,049	2,954	2,483
79	94	8 575	28,310	78,742	2,781	2,311
80	95	6 268	19,251	50,432	2,620	2,149
81	96	4 419	12,626	31,181	2,470	1,999
82	97	2 953	7,849	18,555	2,364	1,894
83	98	1 920	4,746	10,707	2,256	1,786
84	99	1 211	2,786	5,960	2,140	1,670
85	100	729	1,560	3,175	2,035	1,565

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	16	99 555	99 555,170	1 397 846,598	14,041	13,571
1	17	99 186	92 265,974	1 298 291,427	14,071	13,601
2	18	99 145	85 793,405	1 206 025,454	14,057	13,587
3	19	99 110	79 779,639	1 120 232,049	14,042	13,571
4	20	99 082	74 192,562	1 040 452,410	14,024	13,553
5	21	99 053	68 996,226	966 259,848	14,005	13,534
6	22	99 027	64 165,506	897 263,622	13,984	13,513
7	23	99 002	59 673,699	833 098,116	13,961	13,491
8	24	98 975	55 495,647	773 424,417	13,937	13,466
9	25	98 949	51 610,155	717 928,769	13,911	13,440
10	26	98 922	47 996,473	666 318,614	13,883	13,412
11	27	98 896	44 635,943	618 322,141	13,853	13,382
12	28	98 867	41 509,659	573 686,198	13,821	13,350
13	29	98 837	38 601,880	532 176,539	13,786	13,316
14	30	98 802	35 895,991	493 574,658	13,750	13,280
15	31	98 757	33 376,502	457 678,667	13,713	13,242
16	32	98 710	31 033,198	424 302,165	13,673	13,202
17	33	98 652	28 851,058	393 268,967	13,631	13,161
18	34	98 589	26 821,152	364 417,909	13,587	13,117
19	35	98 512	24 930,223	337 596,757	13,542	13,071
20	36	98 432	23 172,129	312 666,534	13,493	13,023
21	37	98 344	21 536,281	289 494,406	13,442	12,972
22	38	98 258	20 016,126	267 958,124	13,387	12,917
23	39	98 154	18 599,978	247 941,999	13,330	12,860
24	40	98 055	17 284,822	229 342,021	13,268	12,798
25	41	97 941	16 060,249	212 057,199	13,204	12,734
26	42	97 825	14 922,169	195 996,950	13,135	12,664
27	43	97 703	13 863,705	181 074,781	13,061	12,591
28	44	97 569	12 878,809	167 211,075	12,983	12,513
29	45	97 427	11 962,856	154 332,267	12,901	12,431
30	46	97 264	11 109,618	142 369,411	12,815	12,345
31	47	97 091	10 316,151	131 259,793	12,724	12,253
32	48	96 898	9 577,367	120 943,642	12,628	12,158
33	49	96 683	8 889,338	111 366,275	12,528	12,058
34	50	96 443	8 248,657	102 476,937	12,423	11,953
35	51	96 190	7 653,055	94 228,281	12,313	11,842
36	52	95 907	7 098,168	86 575,226	12,197	11,727
37	53	95 601	6 581,881	79 477,058	12,075	11,605
38	54	95 262	6 100,975	72 895,177	11,948	11,478
39	55	94 886	5 652,889	66 794,202	11,816	11,346
40	56	94 472	5 235,597	61 141,313	11,678	11,208
41	57	94 018	4 846,895	55 905,717	11,534	11,064
42	58	93 524	4 485,056	51 058,822	11,384	10,914
43	59	92 983	4 148,014	46 573,766	11,228	10,758
44	60	92 403	3 834,544	42 425,751	11,064	10,594
45	61	91 750	3 541,819	38 591,207	10,896	10,426
46	62	91 050	3 269,565	35 049,388	10,720	10,250
47	63	90 294	3 016,211	31 779,823	10,536	10,066
48	64	89 472	2 780,243	28 763,611	10,346	9,875
49	65	88 568	2 560,130	25 983,368	10,149	9,679
50	66	87 601	2 355,515	23 423,239	9,944	9,474
51	67	86 545	2 164,757	21 067,724	9,732	9,262
52	68	85 407	1 987,249	18 902,967	9,512	9,042
53	69	84 163	1 821,682	16 915,719	9,286	8,815
54	70	82 800	1 667,140	15 094,037	9,054	8,584
55	71	81 322	1 523,148	13 426,897	8,815	8,345
56	72	79 733	1 389,206	11 903,749	8,569	8,098
57	73	78 035	1 264,754	10 514,543	8,314	7,843
58	74	76 191	1 148,717	9 249,789	8,052	7,582
59	75	74 221	1 040,947	8 101,072	7,782	7,312
60	76	72 143	941,213	7 060,126	7,501	7,031
61	77	69 893	848,243	6 118,913	7,214	6,743
62	78	67 492	761,950	5 270,670	6,917	6,447
63	79	64 856	681,105	4 508,720	6,620	6,149
64	80	62 003	605,718	3 827,615	6,319	5,849
65	81	58 891	535,176	3 221,898	6,020	5,550
66	82	55 508	469,244	2 686,722	5,726	5,255
67	83	51 891	408,061	2 217,478	5,434	4,964
68	84	48 067	351,621	1 809,417	5,146	4,676
69	85	44 073	299,910	1 457,797	4,861	4,391
70	86	39 859	252,310	1 157,887	4,589	4,119
71	87	35 573	209,467	905,577	4,323	3,853
72	88	31 228	171,057	696,110	4,069	3,599
73	89	26 938	137,260	525,053	3,825	3,355
74	90	22 775	107,951	387,793	3,592	3,122
75	91	18 813	82,949	279,842	3,374	2,903
76	92	15 132	62,068	196,892	3,172	2,702
77	93	11 838	45,168	134,825	2,985	2,515
78	94	8 983	31,883	89,657	2,812	2,342
79	95	6 601	21,794	57,774	2,651	2,181
80	96	4 684	14,385	35,979	2,501	2,031
81	97	3 157	9,019	21,595	2,394	1,924
82	98	2 070	5,502	12,576	2,286	1,815
83	99	1 319	3,260	7,074	2,170	1,700
84	100	803	1,847	3,814	2,065	1,595

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 541	99 540,511	1 396 561,505	14,030	13,560
1	18	99 172	92 253,410	1 297 020,993	14,059	13,589
2	19	99 125	85 776,502	1 204 767,583	14,045	13,575
3	20	99 093	79 765,694	1 118 991,081	14,028	13,558
4	21	99 064	74 178,846	1 039 225,387	14,010	13,539
5	22	99 037	68 984,849	965 046,541	13,989	13,519
6	23	99 011	64 155,059	896 061,693	13,967	13,497
7	24	98 984	59 662,960	831 906,634	13,943	13,473
8	25	98 957	55 485,662	772 243,673	13,918	13,448
9	26	98 930	51 600,338	716 758,012	13,891	13,420
10	27	98 904	47 987,441	665 157,674	13,861	13,391
11	28	98 875	44 626,338	617 170,233	13,830	13,359
12	29	98 844	41 499,878	572 543,896	13,796	13,326
13	30	98 811	38 591,891	531 044,018	13,761	13,290
14	31	98 770	35 884,608	492 452,126	13,723	13,253
15	32	98 726	33 366,022	456 567,519	13,684	13,213
16	33	98 676	31 022,565	423 201,497	13,642	13,171
17	34	98 616	28 840,662	392 178,932	13,598	13,128
18	35	98 549	26 810,263	363 338,270	13,552	13,082
19	36	98 471	24 919,948	336 528,007	13,504	13,034
20	37	98 387	23 161,504	311 608,059	13,454	12,983
21	38	98 297	21 526,059	288 446,555	13,400	12,930
22	39	98 198	20 004,051	266 920,496	13,343	12,873
23	40	98 095	18 588,796	246 916,445	13,283	12,813
24	41	97 987	17 272,970	228 327,648	13,219	12,749
25	42	97 868	16 048,360	211 054,678	13,151	12,681
26	43	97 748	14 910,325	195 006,318	13,079	12,608
27	44	97 614	13 851,116	180 095,994	13,002	12,532
28	45	97 474	12 866,309	166 244,878	12,921	12,451
29	46	97 315	11 949,072	153 378,569	12,836	12,366
30	47	97 146	11 096,091	141 429,497	12,746	12,276
31	48	96 958	10 302,015	130 333,405	12,651	12,181
32	49	96 744	9 562,101	120 031,391	12,553	12,083
33	50	96 514	8 873,799	110 469,290	12,449	11,979
34	51	96 264	8 233,370	101 595,492	12,339	11,869
35	52	95 984	7 636,657	93 362,121	12,226	11,755
36	53	95 683	7 081,608	85 725,464	12,105	11,635
37	54	95 356	6 564,980	78 643,856	11,979	11,509
38	55	94 987	6 083,351	72 078,876	11,849	11,378
39	56	94 578	5 634,543	65 995,525	11,713	11,242
40	57	94 134	5 216,869	60 360,982	11,570	11,100
41	58	93 649	4 827,875	55 144,113	11,422	10,952
42	59	93 117	4 465,549	50 316,238	11,268	10,797
43	60	92 546	4 128,492	45 850,689	11,106	10,636
44	61	91 916	3 814,314	41 722,197	10,938	10,468
45	62	91 229	3 521,681	37 907,884	10,764	10,294
46	63	90 491	3 249,508	34 386,203	10,582	10,112
47	64	89 685	2 995,855	31 136,695	10,393	9,923
48	65	88 804	2 759,467	28 140,839	10,198	9,728
49	66	87 862	2 539,724	25 381,372	9,994	9,523
50	67	86 833	2 334,875	22 841,648	9,783	9,313
51	68	85 724	2 144,230	20 506,773	9,564	9,093
52	69	84 513	1 966,451	18 362,542	9,338	8,868
53	70	83 191	1 800,633	16 396,092	9,106	8,635
54	71	81 757	1 646,136	14 595,458	8,866	8,396
55	72	80 208	1 502,278	12 949,323	8,620	8,150
56	73	78 552	1 368,626	11 447,044	8,364	7,894
57	74	76 754	1 243,992	10 078,418	8,102	7,631
58	75	74 832	1 128,220	8 834,426	7,830	7,360
59	76	72 794	1 020,928	7 706,206	7,548	7,078
60	77	70 587	920,915	6 685,278	7,259	6,789
61	78	68 230	828,057	5 764,364	6,961	6,491
62	79	65 639	741,036	4 936,306	6,661	6,191
63	80	62 818	659,708	4 195,270	6,359	5,889
64	81	59 742	583,632	3 535,562	6,058	5,588
65	82	56 378	512,338	2 951,930	5,762	5,291
66	83	52 767	446,073	2 439,592	5,469	4,999
67	84	48 948	384,919	1 993,519	5,179	4,709
68	85	44 935	328,708	1 608,600	4,894	4,423
69	86	40 718	277,079	1 279,892	4,619	4,149
70	87	36 384	230,314	1 002,813	4,354	3,884
71	88	32 017	188,532	772,499	4,097	3,627
72	89	27 662	151,522	583,967	3,854	3,384
73	90	23 449	119,482	432,445	3,619	3,149
74	91	19 416	92,031	312,963	3,401	2,930
75	92	15 659	69,044	220,932	3,200	2,730
76	93	12 295	50,430	151,888	3,012	2,542
77	94	9 364	35,729	101,458	2,840	2,369
78	95	6 915	24,545	65,729	2,678	2,208
79	96	4 932	16,285	41,184	2,529	2,059
80	97	3 346	10,276	24,899	2,423	1,953
81	98	2 213	6,322	14,624	2,313	1,843
82	99	1 422	3,779	8,301	2,197	1,726
83	100	874	2,161	4,522	2,092	1,622

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 527	99 526,958	1 395 185,343	14,018	13,548
1	19	99 153	92 235,235	1 295 658,385	14,047	13,577
2	20	99 108	85 761,509	1 203 423,150	14,032	13,562
3	21	99 074	79 750,947	1 117 661,641	14,014	13,544
4	22	99 047	74 166,614	1 037 910,694	13,994	13,524
5	23	99 021	68 973,617	963 744,081	13,973	13,502
6	24	98 993	64 143,513	894 770,463	13,950	13,479
7	25	98 966	59 652,225	830 626,950	13,924	13,454
8	26	98 939	55 475,107	770 974,725	13,898	13,427
9	27	98 912	51 590,627	715 499,618	13,869	13,399
10	28	98 882	47 977,115	663 908,991	13,838	13,368
11	29	98 851	44 615,822	615 931,877	13,805	13,335
12	30	98 818	41 489,139	571 316,055	13,770	13,300
13	31	98 780	38 579,653	529 826,916	13,733	13,263
14	32	98 739	35 873,340	491 247,263	13,694	13,224
15	33	98 692	33 354,589	455 373,923	13,653	13,182
16	34	98 641	31 011,386	422 019,334	13,609	13,138
17	35	98 576	28 828,953	391 007,947	13,563	13,093
18	36	98 509	26 799,213	362 178,994	13,515	13,044
19	37	98 426	24 908,523	335 379,781	13,464	12,994
20	38	98 340	23 150,510	310 471,258	13,411	12,941
21	39	98 238	21 513,073	287 320,748	13,356	12,885
22	40	98 139	19 992,026	265 807,675	13,296	12,825
23	41	98 028	18 576,050	245 815,649	13,233	12,763
24	42	97 915	17 260,183	227 239,599	13,166	12,695
25	43	97 791	16 035,622	209 979,416	13,095	12,624
26	44	97 659	14 896,785	193 943,794	13,019	12,549
27	45	97 520	13 837,672	179 047,009	12,939	12,469
28	46	97 362	12 851,484	165 209,336	12,855	12,385
29	47	97 196	11 934,524	152 357,853	12,766	12,296
30	48	97 013	11 080,886	140 423,329	12,673	12,202
31	49	96 804	10 285,593	129 342,442	12,575	12,105
32	50	96 575	9 545,385	119 056,850	12,473	12,002
33	51	96 335	8 857,354	109 511,464	12,364	11,894
34	52	96 058	8 215,729	100 654,111	12,251	11,781
35	53	95 760	7 618,841	92 438,382	12,133	11,663
36	54	95 438	7 063,425	84 819,541	12,008	11,538
37	55	95 080	6 546,016	77 756,116	11,878	11,408
38	56	94 679	6 063,608	71 210,100	11,744	11,274
39	57	94 239	5 614,388	65 146,492	11,603	11,133
40	58	93 765	5 196,397	59 532,104	11,456	10,986
41	59	93 242	4 806,877	54 335,707	11,304	10,833
42	60	92 679	4 444,532	49 528,830	11,144	10,673
43	61	92 057	4 106,710	45 084,298	10,978	10,508
44	62	91 393	3 792,626	40 977,587	10,805	10,334
45	63	90 669	3 500,077	37 184,962	10,624	10,154
46	64	89 881	3 227,578	33 684,884	10,437	9,966
47	65	89 015	2 973,468	30 457,307	10,243	9,773
48	66	88 096	2 737,473	27 483,839	10,040	9,570
49	67	87 092	2 517,471	24 746,366	9,830	9,360
50	68	86 010	2 312,735	22 228,895	9,612	9,141
51	69	84 827	2 121,789	19 916,159	9,386	8,916
52	70	83 536	1 943,729	17 794,370	9,155	8,684
53	71	82 142	1 777,947	15 850,640	8,915	8,445
54	72	80 636	1 623,581	14 072,693	8,668	8,197
55	73	79 020	1 480,024	12 449,112	8,411	7,941
56	74	77 263	1 346,159	10 969,088	8,148	7,678
57	75	75 384	1 221,795	9 622,929	7,876	7,406
58	76	73 392	1 106,523	8 401,134	7,592	7,122
59	77	71 224	998,911	7 294,612	7,303	6,832
60	78	68 908	899,000	6 295,701	7,003	6,533
61	79	66 357	805,329	5 396,701	6,701	6,231
62	80	63 577	717,757	4 591,372	6,397	5,927
63	81	60 528	635,654	3 873,615	6,094	5,624
64	82	57 193	558,726	3 237,961	5,795	5,325
65	83	53 594	487,039	2 679,234	5,501	5,031
66	84	49 775	420,775	2 192,195	5,210	4,740
67	85	45 759	359,837	1 771,420	4,923	4,453
68	86	41 514	303,685	1 411,583	4,648	4,178
69	87	37 168	252,924	1 107,898	4,380	3,910
70	88	32 748	207,295	854,975	4,124	3,654
71	89	28 361	167,001	647,680	3,878	3,408
72	90	24 079	131,897	480,679	3,644	3,174
73	91	19 991	101,862	348,782	3,424	2,954
74	92	16 161	76,604	246,920	3,223	2,753
75	93	12 723	56,098	170,317	3,036	2,566
76	94	9 726	39,891	114,218	2,863	2,393
77	95	7 209	27,505	74,327	2,702	2,232
78	96	5 167	18,341	46,822	2,553	2,083
79	97	3 523	11,633	28,481	2,448	1,978
80	98	2 345	7,203	16,848	2,339	1,869
81	99	1 520	4,343	9,645	2,221	1,751
82	100	943	2,506	5,302	2,116	1,646

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 507	99 507,349	1 393 710,025	14,006	13,536
1	20	99 136	92 219,113	1 294 202,676	14,034	13,564
2	21	99 090	85 745,654	1 201 983,563	14,018	13,548
3	22	99 058	79 737,796	1 116 237,909	13,999	13,529
4	23	99 031	74 154,539	1 036 500,113	13,978	13,507
5	24	99 003	68 961,205	962 345,575	13,955	13,485
6	25	98 975	64 131,972	893 384,370	13,930	13,460
7	26	98 947	59 640,877	829 252,398	13,904	13,434
8	27	98 920	55 464,667	769 611,521	13,876	13,405
9	28	98 890	51 579,525	714 146,854	13,846	13,375
10	29	98 859	47 965,809	662 567,329	13,813	13,343
11	30	98 826	44 604,277	614 601,520	13,779	13,309
12	31	98 787	41 475,982	569 997,243	13,743	13,273
13	32	98 749	38 567,539	528 521,262	13,704	13,234
14	33	98 706	35 861,049	489 953,723	13,663	13,192
15	34	98 657	33 342,571	454 092,674	13,619	13,149
16	35	98 601	30 998,796	420 750,104	13,573	13,103
17	36	98 536	28 817,072	389 751,308	13,525	13,055
18	37	98 463	26 786,926	360 934,236	13,474	13,004
19	38	98 379	24 896,699	334 147,310	13,421	12,951
20	39	98 281	23 136,545	309 250,610	13,366	12,896
21	40	98 179	21 500,141	286 114,066	13,308	12,837
22	41	98 072	19 978,317	264 613,925	13,245	12,775
23	42	97 955	18 562,299	244 635,608	13,179	12,709
24	43	97 837	17 246,483	226 073,309	13,108	12,638
25	44	97 702	16 021,060	208 826,826	13,035	12,564
26	45	97 564	14 882,327	192 805,766	12,955	12,485
27	46	97 407	13 821,728	177 923,439	12,873	12,402
28	47	97 244	12 835,837	164 101,711	12,785	12,314
29	48	97 063	11 918,170	151 265,874	12,692	12,222
30	49	96 858	11 063,223	139 347,704	12,596	12,125
31	50	96 634	10 267,613	128 284,481	12,494	12,024
32	51	96 396	9 527,696	118 016,868	12,387	11,916
33	52	96 128	8 838,375	108 489,172	12,275	11,805
34	53	95 834	8 196,562	99 650,797	12,158	11,687
35	54	95 514	7 599,278	91 454,236	12,035	11,564
36	55	95 162	7 043,021	83 854,958	11,906	11,436
37	56	94 772	6 524,771	76 811,937	11,772	11,302
38	57	94 340	6 041,918	70 287,165	11,633	11,163
39	58	93 870	5 592,357	64 245,247	11,488	11,018
40	59	93 357	5 173,796	58 652,890	11,337	10,866
41	60	92 803	4 784,254	53 479,094	11,178	10,708
42	61	92 190	4 421,083	48 694,840	11,014	10,544
43	62	91 534	4 083,360	44 273,757	10,842	10,372
44	63	90 832	3 769,360	40 190,397	10,662	10,192
45	64	90 057	3 476,455	36 421,037	10,476	10,006
46	65	89 209	3 203,459	32 944,581	10,284	9,814
47	66	88 305	2 949,768	29 741,122	10,083	9,612
48	67	87 324	2 713,487	26 791,354	9,873	9,403
49	68	86 266	2 493,600	24 077,867	9,656	9,186
50	69	85 110	2 288,531	21 584,267	9,431	8,961
51	70	83 847	2 097,273	19 295,736	9,200	8,730
52	71	82 484	1 919,241	17 198,463	8,961	8,491
53	72	81 017	1 753,586	15 279,223	8,713	8,243
54	73	79 442	1 599,530	13 525,636	8,456	7,986
55	74	77 722	1 455,728	11 926,107	8,193	7,722
56	75	75 884	1 322,139	10 470,379	7,919	7,449
57	76	73 935	1 198,298	9 148,240	7,634	7,164
58	77	71 810	1 082,660	7 949,941	7,343	6,873
59	78	69 529	975,140	6 867,282	7,042	6,572
60	79	67 016	874,324	5 892,142	6,739	6,269
61	80	64 273	780,030	5 017,817	6,433	5,963
62	81	61 259	691,587	4 237,787	6,128	5,657
63	82	57 945	608,528	3 546,201	5,828	5,357
64	83	54 369	531,137	2 937,672	5,531	5,061
65	84	50 554	459,418	2 406,535	5,238	4,768
66	85	46 531	393,356	1 947,117	4,950	4,480
67	86	42 275	332,444	1 553,761	4,674	4,203
68	87	37 895	277,210	1 221,317	4,406	3,935
69	88	33 454	227,645	944,107	4,147	3,677
70	89	29 008	183,621	716,462	3,902	3,432
71	90	24 688	145,371	532,840	3,665	3,195
72	91	20 528	112,445	387,469	3,446	2,976
73	92	16 640	84,786	275,024	3,244	2,773
74	93	13 131	62,240	190,238	3,057	2,586
75	94	10 064	44,375	127,997	2,884	2,414
76	95	7 487	30,710	83,622	2,723	2,253
77	96	5 387	20,553	52,913	2,575	2,104
78	97	3 691	13,102	32,360	2,470	2,000
79	98	2 470	8,155	19,259	2,362	1,891
80	99	1 611	4,948	11,104	2,244	1,774
81	100	1 008	2,879	6,156	2,138	1,668

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 490	99 489,956	1 392 134,597	13,993	13,522
1	21	99 117	92 202,064	1 292 644,641	14,020	13,549
2	22	99 073	85 731,514	1 200 442,577	14,002	13,532
3	23	99 042	79 724,814	1 114 711,062	13,982	13,512
4	24	99 013	74 141,193	1 034 986,248	13,960	13,489
5	25	98 985	68 948,796	960 845,055	13,936	13,465
6	26	98 956	64 119,772	891 896,259	13,910	13,440
7	27	98 929	59 629,653	827 776,487	13,882	13,412
8	28	98 899	55 452,732	768 146,834	13,852	13,382
9	29	98 867	51 567,371	712 694,102	13,821	13,350
10	30	98 833	47 953,397	661 126,731	13,787	13,317
11	31	98 794	44 590,131	613 173,334	13,751	13,281
12	32	98 756	41 462,958	568 583,203	13,713	13,243
13	33	98 715	38 554,324	527 120,244	13,672	13,202
14	34	98 670	35 848,127	488 565,920	13,629	13,158
15	35	98 617	33 329,034	452 717,793	13,583	13,113
16	36	98 560	30 986,020	419 388,759	13,535	13,064
17	37	98 491	28 803,859	388 402,739	13,484	13,014
18	38	98 417	26 774,211	359 598,880	13,431	12,961
19	39	98 320	24 881,680	332 824,669	13,376	12,906
20	40	98 222	23 122,636	307 942,988	13,318	12,848
21	41	98 112	21 485,398	284 820,352	13,256	12,786
22	42	97 999	19 963,528	263 334,954	13,191	12,721
23	43	97 877	18 547,565	243 371,425	13,121	12,651
24	44	97 748	17 230,822	224 823,860	13,048	12,577
25	45	97 607	16 005,510	207 593,039	12,970	12,500
26	46	97 452	14 865,179	191 587,528	12,888	12,418
27	47	97 289	13 804,900	176 722,349	12,801	12,331
28	48	97 110	12 818,248	162 917,449	12,710	12,240
29	49	96 909	11 899,172	150 099,201	12,614	12,144
30	50	96 689	11 043,884	138 200,029	12,514	12,043
31	51	96 455	10 248,585	127 156,146	12,407	11,937
32	52	96 189	9 507,281	116 907,561	12,297	11,826
33	53	95 904	8 817,755	107 400,280	12,180	11,710
34	54	95 588	8 175,515	98 582,525	12,058	11,588
35	55	95 238	7 577,326	90 407,009	11,931	11,461
36	56	94 853	7 020,163	82 829,683	11,799	11,329
37	57	94 433	6 501,433	75 809,520	11,660	11,190
38	58	93 970	6 018,209	69 308,088	11,516	11,046
39	59	93 461	5 568,033	63 289,879	11,367	10,896
40	60	92 918	5 149,446	57 721,845	11,209	10,739
41	61	92 313	4 759,012	52 572,399	11,047	10,577
42	62	91 666	4 395,946	47 813,387	10,877	10,406
43	63	90 972	4 058,311	43 417,441	10,698	10,228
44	64	90 219	3 743,921	39 359,130	10,513	10,043
45	65	89 384	3 450,477	35 615,209	10,322	9,852
46	66	88 498	3 177,926	32 164,732	10,121	9,651
47	67	87 531	2 923,922	28 986,806	9,914	9,443
48	68	86 496	2 687,757	26 062,884	9,697	9,227
49	69	85 364	2 467,503	23 375,127	9,473	9,003
50	70	84 126	2 262,088	20 907,624	9,243	8,772
51	71	82 790	2 070,850	18 645,536	9,004	8,534
52	72	81 354	1 892,944	16 574,686	8,756	8,286
53	73	79 817	1 727,610	14 681,743	8,498	8,028
54	74	78 138	1 573,271	12 954,133	8,234	7,764
55	75	76 336	1 429,753	11 380,862	7,960	7,490
56	76	74 425	1 296,713	9 951,109	7,674	7,204
57	77	72 340	1 172,456	8 654,396	7,381	6,911
58	78	70 101	1 056,896	7 481,940	7,079	6,609
59	79	67 621	948,374	6 425,044	6,775	6,305
60	80	64 911	846,858	5 476,670	6,467	5,997
61	81	61 929	751,589	4 629,812	6,160	5,690
62	82	58 645	662,074	3 878,223	5,858	5,387
63	83	55 083	578,480	3 216,149	5,560	5,089
64	84	51 285	501,015	2 637,669	5,265	4,794
65	85	47 260	429,481	2 136,654	4,975	4,505
66	86	42 989	363,412	1 707,173	4,698	4,227
67	87	38 590	303,462	1 343,760	4,428	3,958
68	88	34 108	249,504	1 040,299	4,169	3,699
69	89	29 633	201,648	790,795	3,922	3,451
70	90	25 251	159,839	589,147	3,686	3,216
71	91	21 047	123,933	429,308	3,464	2,994
72	92	17 087	93,596	305,376	3,263	2,792
73	93	13 520	68,889	211,780	3,074	2,604
74	94	10 387	49,234	142,891	2,902	2,432
75	95	7 748	34,161	93,658	2,742	2,271
76	96	5 595	22,947	59,496	2,593	2,122
77	97	3 848	14,682	36,549	2,489	2,019
78	98	2 588	9,184	21,868	2,381	1,911
79	99	1 697	5,601	12,684	2,264	1,794
80	100	1 068	3,280	7,082	2,159	1,689

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 472	99 471,563	1 390 449,140	13,978	13,508
1	22	99 101	92 186,860	1 290 977,577	14,004	13,534
2	23	99 057	85 717,557	1 198 790,718	13,985	13,515
3	24	99 024	79 710,467	1 113 073,161	13,964	13,494
4	25	98 995	74 127,853	1 033 362,694	13,940	13,470
5	26	98 966	68 935,680	959 234,842	13,915	13,445
6	27	98 938	64 107,705	890 299,161	13,888	13,417
7	28	98 907	59 616,822	826 191,456	13,858	13,388
8	29	98 875	55 439,665	766 574,635	13,827	13,357
9	30	98 841	51 554,027	711 134,970	13,794	13,324
10	31	98 802	47 938,190	659 580,943	13,759	13,289
11	32	98 763	44 576,130	611 642,753	13,721	13,251
12	33	98 722	41 448,752	567 066,623	13,681	13,211
13	34	98 679	38 540,432	525 617,871	13,638	13,168
14	35	98 630	35 833,573	487 077,440	13,593	13,122
15	36	98 576	33 315,298	451 243,867	13,545	13,074
16	37	98 515	30 971,813	417 928,569	13,494	13,024
17	38	98 444	28 790,187	386 956,756	13,441	12,970
18	39	98 357	26 758,060	358 166,569	13,385	12,915
19	40	98 261	24 866,723	331 408,509	13,327	12,857
20	41	98 154	23 106,781	306 541,786	13,266	12,796
21	42	98 039	21 469,493	283 435,005	13,202	12,731
22	43	97 922	19 947,682	261 965,511	13,133	12,662
23	44	97 788	18 530,723	242 017,829	13,060	12,590
24	45	97 653	17 214,098	223 487,107	12,983	12,513
25	46	97 495	15 987,068	206 273,009	12,902	12,432
26	47	97 333	14 847,080	190 285,941	12,816	12,346
27	48	97 155	13 785,983	175 438,860	12,726	12,256
28	49	96 956	12 797,815	161 652,877	12,631	12,161
29	50	96 739	11 878,371	148 855,062	12,532	12,061
30	51	96 510	11 023,417	136 976,691	12,426	11,956
31	52	96 249	10 226,625	125 953,274	12,316	11,846
32	53	95 965	9 485,101	115 726,649	12,201	11,731
33	54	95 658	8 795,114	106 241,548	12,080	11,609
34	55	95 312	8 151,899	97 446,434	11,954	11,484
35	56	94 929	7 552,734	89 294,535	11,823	11,353
36	57	94 514	6 995,052	81 741,800	11,686	11,215
37	58	94 062	6 475,920	74 746,748	11,542	11,072
38	59	93 561	5 992,033	68 270,828	11,394	10,923
39	60	93 021	5 541,828	62 278,795	11,238	10,768
40	61	92 428	5 122,278	56 736,966	11,077	10,606
41	62	91 788	4 731,953	51 614,688	10,908	10,437
42	63	91 104	4 368,979	46 882,735	10,731	10,261
43	64	90 358	4 030,922	42 513,757	10,547	10,077
44	65	89 545	3 715,944	38 482,835	10,356	9,886
45	66	88 672	3 422,975	34 766,891	10,157	9,687
46	67	87 723	3 150,081	31 343,916	9,950	9,480
47	68	86 701	2 896,197	28 193,835	9,735	9,264
48	69	85 591	2 659,628	25 297,638	9,512	9,041
49	70	84 377	2 438,992	22 638,010	9,282	8,811
50	71	83 067	2 233,589	20 199,018	9,043	8,573
51	72	81 656	2 042,476	17 965,430	8,796	8,326
52	73	80 149	1 864,902	15 922,954	8,538	8,068
53	74	78 506	1 699,249	14 058,052	8,273	7,803
54	75	76 743	1 545,199	12 358,803	7,998	7,528
55	76	74 867	1 402,257	10 813,604	7,712	7,241
56	77	72 820	1 268,748	9 411,347	7,418	6,948
57	78	70 619	1 144,556	8 142,599	7,114	6,644
58	79	68 177	1 027,886	6 998,044	6,808	6,338
59	80	65 496	918,582	5 970,158	6,499	6,029
60	81	62 544	815,980	5 051,576	6,191	5,721
61	82	59 287	719,516	4 235,596	5,887	5,416
62	83	55 749	629,381	3 516,080	5,587	5,116
63	84	51 960	545,673	2 886,699	5,290	4,820
64	85	47 943	468,368	2 341,025	4,998	4,528
65	86	43 662	396,787	1 872,657	4,720	4,249
66	87	39 241	331,730	1 475,870	4,449	3,979
67	88	34 733	273,132	1 144,140	4,189	3,719
68	89	30 213	221,010	871,008	3,941	3,471
69	90	25 795	175,531	649,998	3,703	3,233
70	91	21 527	136,267	474,468	3,482	3,012
71	92	17 519	103,157	338,201	3,279	2,808
72	93	13 883	76,046	235,044	3,091	2,621
73	94	10 694	54,493	158,998	2,918	2,448
74	95	7 996	37,902	104,505	2,757	2,287
75	96	5 789	25,526	66,603	2,609	2,139
76	97	3 996	16,392	41,077	2,506	2,036
77	98	2 697	10,292	24,685	2,399	1,928
78	99	1 777	6,308	14,393	2,282	1,811
79	100	1 125	3,714	8,085	2,177	1,707

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 455	99 455,160	1 388 646,475	13,963	13,492
1	23	99 085	92 171,851	1 289 191,315	13,987	13,517
2	24	99 040	85 702,131	1 197 019,464	13,967	13,497
3	25	99 006	79 696,124	1 111 317,334	13,944	13,474
4	26	98 977	74 113,752	1 031 621,210	13,919	13,449
5	27	98 947	68 922,707	957 507,458	13,892	13,422
6	28	98 916	64 093,910	888 584,751	13,864	13,394
7	29	98 884	59 602,774	824 490,841	13,833	13,363
8	30	98 850	55 425,319	764 888,068	13,800	13,330
9	31	98 810	51 537,678	709 462,749	13,766	13,296
10	32	98 771	47 923,137	657 925,072	13,729	13,258
11	33	98 729	44 560,857	610 001,934	13,689	13,219
12	34	98 686	41 433,817	565 441,077	13,647	13,177
13	35	98 639	38 524,785	524 007,261	13,602	13,132
14	36	98 589	35 818,805	485 482,476	13,554	13,084
15	37	98 531	33 300,023	449 663,672	13,503	13,033
16	38	98 468	30 957,112	416 363,649	13,450	12,979
17	39	98 384	28 772,819	385 406,537	13,395	12,925
18	40	98 298	26 741,974	356 633,717	13,336	12,866
19	41	98 193	24 849,672	329 891,743	13,275	12,805
20	42	98 082	23 089,676	305 042,071	13,211	12,741
21	43	97 961	21 452,452	281 952,395	13,143	12,673
22	44	97 833	19 929,568	260 499,943	13,071	12,601
23	45	97 693	18 512,737	240 570,375	12,995	12,525
24	46	97 541	17 194,263	222 057,638	12,915	12,444
25	47	97 376	15 967,604	204 863,375	12,830	12,360
26	48	97 200	14 826,735	188 895,771	12,740	12,270
27	49	97 000	13 764,008	174 069,036	12,647	12,176
28	50	96 786	12 775,443	160 305,028	12,548	12,078
29	51	96 560	11 856,358	147 529,585	12,443	11,973
30	52	96 303	10 999,797	135 673,226	12,334	11,864
31	53	96 024	10 202,767	124 673,429	12,220	11,749
32	54	95 719	9 460,746	114 470,662	12,100	11,629
33	55	95 382	8 769,708	105 009,916	11,974	11,504
34	56	95 002	8 125,442	96 240,208	11,844	11,374
35	57	94 590	7 525,719	88 114,766	11,708	11,238
36	58	94 143	6 967,603	80 589,047	11,566	11,096
37	59	93 653	6 447,754	73 621,445	11,418	10,948
38	60	93 121	5 963,833	67 173,691	11,264	10,793
39	61	92 531	5 512,590	61 209,858	11,104	10,633
40	62	91 902	5 093,153	55 697,269	10,936	10,465
41	63	91 225	4 702,925	50 604,115	10,760	10,290
42	64	90 489	4 339,493	45 901,190	10,578	10,107
43	65	89 683	4 000,800	41 561,697	10,388	9,918
44	66	88 831	3 686,326	37 560,897	10,189	9,719
45	67	87 895	3 392,983	33 874,571	9,984	9,513
46	68	86 891	3 120,211	30 481,588	9,769	9,299
47	69	85 794	2 865,886	27 361,377	9,547	9,077
48	70	84 602	2 628,897	24 495,491	9,318	8,848
49	71	83 314	2 408,263	21 866,594	9,080	8,610
50	72	81 928	2 202,984	19 458,331	8,833	8,362
51	73	80 446	2 012,219	17 255,346	8,575	8,105
52	74	78 833	1 834,288	15 243,127	8,310	7,840
53	75	77 106	1 668,929	13 408,839	8,034	7,564
54	76	75 268	1 515,483	11 739,910	7,747	7,276
55	77	73 253	1 372,016	10 224,428	7,452	6,982
56	78	71 087	1 238,556	8 852,412	7,147	6,677
57	79	68 680	1 113,140	7 613,856	6,840	6,370
58	80	66 035	995,596	6 500,716	6,529	6,059
59	81	63 108	885,089	5 505,120	6,220	5,750
60	82	59 875	781,159	4 620,031	5,914	5,444
61	83	56 359	683,987	3 838,872	5,612	5,142
62	84	52 588	593,688	3 154,885	5,314	4,844
63	85	48 574	510,116	2 561,197	5,021	4,551
64	86	44 294	432,713	2 051,081	4,740	4,270
65	87	39 856	362,195	1 618,368	4,468	3,998
66	88	35 319	298,575	1 256,173	4,207	3,737
67	89	30 766	241,940	957,598	3,958	3,488
68	90	26 299	192,385	715,658	3,720	3,250
69	91	21 991	149,644	523,273	3,497	3,027
70	92	17 918	113,424	373,629	3,294	2,824
71	93	14 234	83,815	260,205	3,105	2,634
72	94	10 982	60,155	176,390	2,932	2,462
73	95	8 233	41,950	116,235	2,771	2,301
74	96	5 975	28,321	74,285	2,623	2,153
75	97	4 136	18,235	45,964	2,521	2,050
76	98	2 801	11,491	27,729	2,413	1,943
77	99	1 853	7,069	16,239	2,297	1,827
78	100	1 178	4,183	9,170	2,192	1,722

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 439	99 438,968	1 386 715,675	13,945	13,475
1	24	99 067	92 155,263	1 287 276,708	13,969	13,498
2	25	99 022	85 686,710	1 195 121,444	13,948	13,477
3	26	98 987	79 680,964	1 109 434,735	13,923	13,453
4	27	98 958	74 099,804	1 029 753,771	13,897	13,427
5	28	98 926	68 907,876	955 653,967	13,869	13,398
6	29	98 893	64 078,807	886 746,092	13,838	13,368
7	30	98 858	59 587,350	822 667,285	13,806	13,336
8	31	98 818	55 407,742	763 079,935	13,772	13,302
9	32	98 779	51 521,495	707 672,193	13,735	13,265
10	33	98 737	47 906,717	656 150,698	13,696	13,226
11	34	98 694	44 544,800	608 243,981	13,655	13,184
12	35	98 646	41 416,995	563 699,181	13,610	13,140
13	36	98 599	38 508,907	522 282,186	13,563	13,092
14	37	98 544	35 802,382	483 773,279	13,512	13,042
15	38	98 484	33 284,217	447 970,897	13,459	12,989
16	39	98 409	30 938,437	414 686,681	13,404	12,933
17	40	98 325	28 755,523	383 748,243	13,345	12,875
18	41	98 231	26 723,637	354 992,721	13,284	12,814
19	42	98 121	24 831,277	328 269,083	13,220	12,750
20	43	98 004	23 071,349	303 437,807	13,152	12,682
21	44	97 872	21 432,972	280 366,458	13,081	12,611
22	45	97 738	19 910,225	258 933,487	13,005	12,535
23	46	97 581	18 491,406	239 023,262	12,926	12,456
24	47	97 422	17 173,329	220 531,856	12,842	12,371
25	48	97 242	15 945,723	203 358,526	12,753	12,283
26	49	97 045	14 803,101	187 412,803	12,660	12,190
27	50	96 831	13 739,947	172 609,702	12,563	12,092
28	51	96 607	12 751,768	158 869,755	12,459	11,988
29	52	96 353	11 830,954	146 117,987	12,350	11,880
30	53	96 078	10 974,135	134 287,034	12,237	11,766
31	54	95 778	10 176,569	123 312,898	12,117	11,647
32	55	95 442	9 433,417	113 136,329	11,993	11,523
33	56	95 072	8 741,246	103 702,912	11,864	11,393
34	57	94 663	8 096,378	94 961,666	11,729	11,259
35	58	94 219	7 496,187	86 865,288	11,588	11,118
36	59	93 734	6 937,298	79 369,101	11,441	10,971
37	60	93 212	6 417,408	72 431,804	11,287	10,816
38	61	92 630	5 932,368	66 014,395	11,128	10,658
39	62	92 005	5 481,246	60 082,028	10,961	10,491
40	63	91 338	5 061,910	54 600,782	10,787	10,316
41	64	90 610	4 671,185	49 538,872	10,605	10,135
42	65	89 813	4 307,065	44 867,687	10,417	9,947
43	66	88 968	3 968,912	40 560,621	10,220	9,749
44	67	88 053	3 654,026	36 591,709	10,014	9,544
45	68	87 061	3 360,810	32 937,683	9,801	9,330
46	69	85 981	3 087,556	29 576,873	9,579	9,109
47	70	84 803	2 832,772	26 489,317	9,351	8,881
48	71	83 536	2 595,776	23 656,545	9,113	8,643
49	72	82 173	2 375,266	21 060,769	8,867	8,396
50	73	80 715	2 170,350	18 685,503	8,609	8,139
51	74	79 126	1 979,186	16 515,153	8,344	7,874
52	75	77 426	1 801,558	14 535,967	8,069	7,598
53	76	75 623	1 636,833	12 734,409	7,780	7,310
54	77	73 644	1 482,800	11 097,576	7,484	7,014
55	78	71 510	1 339,367	9 614,776	7,179	6,708
56	79	69 136	1 204,560	8 275,409	6,870	6,400
57	80	66 523	1 078,171	7 070,849	6,558	6,088
58	81	63 627	959,295	5 992,678	6,247	5,777
59	82	60 415	847,319	5 033,383	5,940	5,470
60	83	56 919	742,586	4 186,064	5,637	5,167
61	84	53 163	645,197	3 443,478	5,337	4,867
62	85	49 161	555,002	2 798,281	5,042	4,572
63	86	44 876	471,283	2 243,279	4,760	4,290
64	87	40 432	394,989	1 771,996	4,486	4,016
65	88	35 873	325,995	1 377,006	4,224	3,754
66	89	31 286	264,477	1 051,011	3,974	3,504
67	90	26 781	210,604	786,534	3,735	3,264
68	91	22 421	164,013	575,929	3,511	3,041
69	92	18 304	124,558	411,916	3,307	2,837
70	93	14 559	92,156	287,358	3,118	2,648
71	94	11 259	66,300	195,201	2,944	2,474
72	95	8 454	46,309	128,902	2,784	2,313
73	96	6 152	31,346	82,592	2,635	2,165
74	97	4 268	20,231	51,246	2,533	2,063
75	98	2 899	12,782	31,015	2,426	1,956
76	99	1 924	7,893	18,233	2,310	1,840
77	100	1 228	4,687	10,340	2,206	1,736

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 421	99 421,072	1 384 646,919	13,927	13,457
1	25	99 049	92 138,681	1 285 225,846	13,949	13,479
2	26	99 003	85 670,410	1 193 087,165	13,926	13,456
3	27	98 969	79 665,968	1 107 416,755	13,901	13,430
4	28	98 937	74 083,859	1 027 750,787	13,873	13,403
5	29	98 903	68 891,638	953 666,929	13,843	13,373
6	30	98 867	64 062,225	884 775,291	13,811	13,341
7	31	98 827	59 568,453	820 713,065	13,778	13,307
8	32	98 787	55 390,344	761 144,612	13,741	13,271
9	33	98 745	51 503,842	705 754,268	13,703	13,233
10	34	98 702	47 889,455	654 250,426	13,662	13,191
11	35	98 654	44 526,715	606 360,971	13,618	13,148
12	36	98 605	41 399,925	561 834,256	13,571	13,101
13	37	98 554	38 491,251	520 434,331	13,521	13,051
14	38	98 497	35 785,388	481 943,080	13,468	12,997
15	39	98 425	33 264,138	446 157,692	13,413	12,942
16	40	98 350	30 919,839	412 893,554	13,354	12,883
17	41	98 258	28 735,805	381 973,715	13,293	12,822
18	42	98 158	26 703,855	353 237,910	13,228	12,758
19	43	98 043	24 811,567	326 534,056	13,161	12,690
20	44	97 915	23 050,398	301 722,489	13,090	12,619
21	45	97 777	21 412,169	278 672,091	13,015	12,544
22	46	97 625	19 887,284	257 259,921	12,936	12,466
23	47	97 462	18 468,893	237 372,638	12,853	12,382
24	48	97 289	17 149,796	218 903,745	12,764	12,294
25	49	97 087	15 920,305	201 753,949	12,673	12,202
26	50	96 875	14 777,224	185 833,644	12,576	12,105
27	51	96 651	13 714,484	171 056,420	12,473	12,002
28	52	96 400	12 724,445	157 341,936	12,365	11,895
29	53	96 128	11 803,352	144 617,491	12,252	11,782
30	54	95 831	10 945,957	132 814,138	12,134	11,663
31	55	95 501	10 147,172	121 868,181	12,010	11,540
32	56	95 132	9 402,801	111 721,009	11,882	11,411
33	57	94 732	8 709,979	102 318,208	11,747	11,277
34	58	94 291	8 064,607	93 608,228	11,607	11,137
35	59	93 809	7 463,583	85 543,622	11,461	10,991
36	60	93 292	6 904,648	78 080,039	11,308	10,838
37	61	92 720	6 383,550	71 175,391	11,150	10,680
38	62	92 103	5 898,637	64 791,841	10,984	10,514
39	63	91 440	5 447,621	58 893,204	10,811	10,341
40	64	90 722	5 027,747	53 445,582	10,630	10,160
41	65	89 932	4 636,279	48 417,835	10,443	9,973
42	66	89 097	4 272,736	43 781,555	10,247	9,776
43	67	88 189	3 934,136	39 508,819	10,043	9,572
44	68	87 218	3 619,378	35 574,683	9,829	9,359
45	69	86 150	3 325,637	31 955,305	9,609	9,138
46	70	84 988	3 051,880	28 629,669	9,381	8,911
47	71	83 734	2 797,083	25 577,788	9,144	8,674
48	72	82 391	2 560,209	22 780,706	8,898	8,428
49	73	80 955	2 340,080	20 220,496	8,641	8,171
50	74	79 390	2 134,721	17 880,417	8,376	7,906
51	75	77 714	1 943,871	15 745,695	8,100	7,630
52	76	75 937	1 766,912	13 801,824	7,811	7,341
53	77	73 992	1 601,533	12 034,912	7,515	7,044
54	78	71 892	1 447,515	10 433,379	7,208	6,738
55	79	69 547	1 302,604	8 985,864	6,898	6,428
56	80	66 964	1 166,719	7 683,261	6,585	6,115
57	81	64 097	1 038,859	6 516,541	6,273	5,803
58	82	60 912	918,358	5 477,682	5,965	5,494
59	83	57 432	805,479	4 559,324	5,660	5,190
60	84	53 691	700,473	3 753,845	5,359	4,889
61	85	49 699	603,154	3 053,372	5,062	4,592
62	86	45 418	512,752	2 450,218	4,779	4,308
63	87	40 964	430,197	1 937,465	4,504	4,033
64	88	36 391	355,512	1 507,269	4,240	3,769
65	89	31 776	288,766	1 151,757	3,989	3,518
66	90	27 234	230,223	862,990	3,749	3,278
67	91	22 832	179,545	632,768	3,524	3,054
68	92	18 662	136,519	453,223	3,320	2,850
69	93	14 872	101,204	316,704	3,129	2,659
70	94	11 516	72,898	215,500	2,956	2,486
71	95	8 668	51,040	142,602	2,794	2,324
72	96	6 317	34,603	91,562	2,646	2,176
73	97	4 395	22,392	56,959	2,544	2,073
74	98	2 992	14,182	34,567	2,437	1,967
75	99	1 991	8,780	20,385	2,322	1,852
76	100	1 276	5,233	11,605	2,218	1,747

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 403	99 403,183	1 382 431,725	13,907	13,437
1	26	99 030	92 121,154	1 283 028,542	13,928	13,457
2	27	98 984	85 654,287	1 190 907,388	13,904	13,433
3	28	98 947	79 648,825	1 105 253,101	13,877	13,406
4	29	98 913	74 066,401	1 025 604,276	13,847	13,377
5	30	98 877	68 873,811	951 537,875	13,816	13,345
6	31	98 836	64 041,909	882 664,064	13,783	13,312
7	32	98 796	59 549,749	818 622,155	13,747	13,277
8	33	98 754	55 371,365	759 072,406	13,709	13,238
9	34	98 710	51 485,283	703 701,040	13,668	13,198
10	35	98 662	47 870,012	652 215,757	13,625	13,154
11	36	98 613	44 508,365	604 345,745	13,578	13,108
12	37	98 560	41 380,944	559 837,380	13,529	13,059
13	38	98 507	38 472,981	518 456,437	13,476	13,006
14	39	98 438	35 763,800	479 983,456	13,421	12,951
15	40	98 365	33 244,141	444 219,656	13,362	12,892
16	41	98 282	30 898,637	410 975,515	13,301	12,830
17	42	98 185	28 714,533	380 076,878	13,236	12,766
18	43	98 080	26 682,658	351 362,345	13,168	12,698
19	44	97 954	24 789,036	324 679,686	13,098	12,627
20	45	97 820	23 028,026	299 890,650	13,023	12,553
21	46	97 665	21 387,497	276 862,624	12,945	12,475
22	47	97 506	19 863,071	255 475,127	12,862	12,392
23	48	97 328	18 443,585	235 612,056	12,775	12,304
24	49	97 134	17 122,459	217 168,472	12,683	12,213
25	50	96 918	15 892,475	200 046,013	12,587	12,117
26	51	96 696	14 749,839	184 153,537	12,485	12,015
27	52	96 444	13 685,098	169 403,699	12,379	11,908
28	53	96 175	12 694,759	155 718,600	12,266	11,796
29	54	95 881	11 773,045	143 023,841	12,148	11,678
30	55	95 555	10 914,338	131 250,796	12,026	11,555
31	56	95 191	10 114,240	120 336,458	11,898	11,427
32	57	94 792	9 369,168	110 222,218	11,764	11,294
33	58	94 360	8 675,800	100 853,050	11,625	11,154
34	59	93 881	8 029,530	92 177,250	11,480	11,010
35	60	93 367	7 428,456	84 147,720	11,328	10,857
36	61	92 800	6 868,220	76 719,264	11,170	10,700
37	62	92 193	6 347,254	69 851,044	11,005	10,535
38	63	91 538	5 862,452	63 503,790	10,832	10,362
39	64	90 823	5 410,856	57 641,338	10,653	10,183
40	65	90 044	4 990,177	52 230,482	10,467	9,996
41	66	89 216	4 599,326	47 240,305	10,271	9,801
42	67	88 316	4 235,298	42 640,979	10,068	9,598
43	68	87 353	3 896,832	38 405,681	9,856	9,385
44	69	86 305	3 581,499	34 508,849	9,635	9,165
45	70	85 155	3 287,210	30 927,350	9,408	8,938
46	71	83 917	3 013,430	27 640,140	9,172	8,702
47	72	82 587	2 758,758	24 626,710	8,927	8,456
48	73	81 171	2 522,283	21 867,952	8,670	8,200
49	74	79 626	2 301,664	19 345,669	8,405	7,935
50	75	77 973	2 096,631	17 044,004	8,129	7,659
51	76	76 219	1 906,488	14 947,373	7,840	7,370
52	77	74 300	1 728,807	13 040,885	7,543	7,073
53	78	72 231	1 563,422	11 312,079	7,235	6,765
54	79	69 919	1 407,783	9 748,656	6,925	6,455
55	80	67 362	1 261,683	8 340,873	6,611	6,141
56	81	64 522	1 124,179	7 079,190	6,297	5,827
57	82	61 362	994,527	5 955,011	5,988	5,517
58	83	57 904	873,011	4 960,483	5,682	5,212
59	84	54 175	759,799	4 087,473	5,380	4,909
60	85	50 192	654,828	3 327,674	5,082	4,611
61	86	45 915	557,239	2 672,846	4,797	4,326
62	87	41 459	468,051	2 115,607	4,520	4,050
63	88	36 870	387,201	1 647,556	4,255	3,785
64	89	32 235	314,912	1 260,356	4,002	3,532
65	90	27 660	251,366	945,444	3,761	3,291
66	91	23 217	196,270	694,078	3,536	3,066
67	92	19 004	149,447	497,808	3,331	2,861
68	93	15 163	110,921	348,360	3,141	2,670
69	94	11 764	80,055	237,439	2,966	2,496
70	95	8 866	56,120	157,385	2,804	2,334
71	96	6 477	38,138	101,265	2,655	2,185
72	97	4 513	24,719	63,127	2,554	2,084
73	98	3 080	15,696	38,408	2,447	1,977
74	99	2 055	9,741	22,712	2,332	1,861
75	100	1 320	5,821	12,971	2,228	1,758

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1	0	99 644	92 691,882	1 310 515,597	14,138	13,668
2	1	99 317	85 942,109	1 217 823,715	14,170	13,700
3	2	99 277	79 913,849	1 131 881,606	14,164	13,693
4	3	99 254	74 321,132	1 051 967,757	14,154	13,684
5	4	99 233	69 121,442	977 646,625	14,144	13,674
6	5	99 213	64 286,405	908 525,183	14,132	13,662
7	6	99 195	59 790,544	844 238,778	14,120	13,650
8	7	99 178	55 609,400	784 448,235	14,106	13,636
9	8	99 165	51 722,848	728 838,835	14,091	13,621
10	9	99 150	48 107,075	677 115,987	14,075	13,605
11	10	99 136	44 744,484	629 008,913	14,058	13,588
12	11	99 123	41 617,120	584 264,429	14,039	13,569
13	12	99 108	38 707,941	542 647,309	14,019	13,549
14	13	99 091	36 001,108	503 939,367	13,998	13,528
15	14	99 068	33 481,704	467 938,260	13,976	13,506
16	15	99 043	31 137,921	434 456,556	13,953	13,482
17	16	99 007	28 954,816	403 318,635	13,929	13,459
18	17	98 965	26 923,348	374 363,818	13,905	13,435
19	18	98 914	25 031,969	347 440,470	13,880	13,410
20	19	98 855	23 271,707	322 408,501	13,854	13,384
21	20	98 795	21 634,969	299 136,795	13,827	13,356
22	21	98 736	20 113,677	277 501,826	13,797	13,326
23	22	98 675	18 698,825	257 388,149	13,765	13,295
24	23	98 619	17 384,301	238 689,324	13,730	13,260
25	24	98 554	16 160,855	221 305,022	13,694	13,224
26	25	98 493	15 024,066	205 144,167	13,654	13,184
27	26	98 430	13 966,805	190 120,101	13,612	13,142
28	27	98 366	12 983,933	176 153,296	13,567	13,097
29	28	98 297	12 069,623	163 169,363	13,519	13,049
30	29	98 222	11 219,055	151 099,740	13,468	12,998
31	30	98 142	10 427,773	139 880,684	13,414	12,944
32	31	98 050	9 691,205	129 452,912	13,358	12,887
33	32	97 957	9 006,530	119 761,707	13,297	12,827
34	33	97 852	8 369,169	110 755,177	13,234	12,763
35	34	97 742	7 776,479	102 386,008	13,166	12,696
36	35	97 623	7 225,196	94 609,529	13,094	12,624
37	36	97 499	6 712,568	87 384,333	13,018	12,548
38	37	97 359	6 235,271	80 671,765	12,938	12,468
39	38	97 209	5 791,309	74 436,494	12,853	12,383
40	39	97 042	5 378,017	68 645,184	12,764	12,294
41	40	96 864	4 993,610	63 267,168	12,670	12,199
42	41	96 668	4 635,842	58 273,557	12,570	12,100
43	42	96 458	4 303,011	53 637,715	12,465	11,995
44	43	96 233	3 993,465	49 334,704	12,354	11,884
45	44	95 972	3 704,805	45 341,239	12,238	11,768
46	45	95 691	3 436,241	41 636,435	12,117	11,647
47	46	95 373	3 185,863	38 200,194	11,991	11,520
48	47	95 031	2 952,976	35 014,331	11,857	11,387
49	48	94 649	2 735,906	32 061,355	11,719	11,248
50	49	94 217	2 533,422	29 325,450	11,575	11,105
51	50	93 740	2 344,731	26 792,028	11,426	10,956
52	51	93 220	2 169,044	24 447,297	11,271	10,801
53	52	92 635	2 005,055	22 278,253	11,111	10,641
54	53	91 985	1 852,075	20 273,198	10,946	10,476
55	54	91 261	1 709,301	18 421,123	10,777	10,307
56	55	90 459	1 576,080	16 711,822	10,603	10,133
57	56	89 572	1 451,736	15 135,742	10,426	9,956
58	57	88 597	1 335,755	13 684,006	10,244	9,774
59	58	87 529	1 227,592	12 348,250	10,059	9,589
60	59	86 370	1 126,818	11 120,658	9,869	9,399
61	60	85 118	1 033,013	9 993,840	9,674	9,204
62	61	83 753	945,528	8 960,828	9,477	9,007
63	62	82 282	864,117	8 015,299	9,276	8,805
64	63	80 716	788,530	7 151,182	9,069	8,599
65	64	79 029	718,182	6 362,652	8,859	8,389
66	65	77 229	652,859	5 644,470	8,646	8,175
67	66	75 341	592,465	4 991,611	8,425	7,955
68	67	73 337	536,470	4 399,145	8,200	7,730
69	68	71 248	484,829	3 862,675	7,967	7,497
70	69	69 015	436,867	3 377,846	7,732	7,262
71	70	66 696	392,734	2 940,979	7,488	7,018
72	71	64 233	351,843	2 548,245	7,243	6,772
73	72	61 694	314,359	2 196,402	6,987	6,517
74	73	59 033	279,813	1 882,044	6,726	6,256
75	74	56 259	248,060	1 602,231	6,459	5,989
76	75	53 397	219,016	1 354,171	6,183	5,713
77	76	50 424	192,390	1 135,155	5,900	5,430
78	77	47 328	167,982	942,765	5,612	5,142
79	78	44 101	145,607	774,783	5,321	4,851
80	79	40 726	125,083	629,175	5,030	4,560
81	80	37 221	106,342	504,093	4,740	4,270
82	81	33 550	89,165	397,751	4,461	3,991
83	82	29 784	73,635	308,585	4,191	3,720
84	83	26 007	59,811	234,950	3,928	3,458
85	84	22 275	47,655	175,139	3,675	3,205
86	85	18 644	37,103	127,484	3,436	2,966
87	86	15 197	28,134	90,381	3,213	2,742
88	87	12 040	20,734	62,247	3,002	2,532
89	88	9 225	14,778	41,513	2,809	2,339
90	89	6 822	10,166	26,735	2,630	2,159
91	90	4 860	6,738	16,569	2,459	1,989
92	91	3 319	4,280	9,831	2,297	1,827
93	92	2 140	2,567	5,552	2,163	1,693
94	93	1 315	1,468	2,985	2,034	1,563
95	94	760	0,788	1,517	1,924	1,454
96	95	415	0,401	0,729	1,818	1,348
97	96	210	0,189	0,328	1,736	1,266
98	97	100	0,083	0,139	1,671	1,200
99	98	45	0,035	0,056	1,609	1,139
100	99	19	0,014	0,021	1,547	1,077

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2	0	99 616	86 201,173	1 218 428,719	14,135	13,664
3	1	99 301	79 933,667	1 132 227,546	14,165	13,694
4	2	99 266	74 330,366	1 052 293,879	14,157	13,687
5	3	99 243	69 128,571	977 963,513	14,147	13,677
6	4	99 223	64 292,557	908 834,942	14,136	13,666
7	5	99 204	59 795,870	844 542,385	14,124	13,653
8	6	99 187	55 614,320	784 746,515	14,111	13,640
9	7	99 170	51 725,251	729 132,196	14,096	13,626
10	8	99 157	48 110,427	677 406,945	14,080	13,610
11	9	99 142	44 747,221	629 296,518	14,063	13,593
12	10	99 129	41 619,554	584 549,297	14,045	13,575
13	11	99 116	38 710,935	542 929,742	14,025	13,555
14	12	99 099	36 003,935	504 218,808	14,005	13,534
15	13	99 078	33 484,859	468 214,873	13,983	13,513
16	14	99 052	31 140,792	434 730,014	13,960	13,490
17	15	99 019	28 958,340	403 589,221	13,937	13,467
18	16	98 980	26 927,313	374 630,882	13,913	13,442
19	17	98 927	25 035,378	347 703,569	13,888	13,418
20	18	98 874	23 276,293	322 668,191	13,863	13,392
21	19	98 812	21 638,751	299 391,899	13,836	13,366
22	20	98 755	20 117,396	277 753,148	13,807	13,336
23	21	98 692	18 701,909	257 635,751	13,776	13,306
24	22	98 635	17 387,132	238 933,842	13,742	13,272
25	23	98 572	16 163,764	221 546,710	13,706	13,236
26	24	98 511	15 026,770	205 382,946	13,668	13,198
27	25	98 448	13 969,463	190 356,176	13,627	13,156
28	26	98 384	12 986,377	176 386,713	13,582	13,112
29	27	98 318	12 072,221	163 400,336	13,535	13,065
30	28	98 245	11 221,700	151 328,115	13,485	13,015
31	29	98 167	10 430,472	140 106,416	13,432	12,962
32	30	98 081	9 694,279	129 675,944	13,377	12,906
33	31	97 988	9 009,359	119 981,665	13,317	12,847
34	32	97 886	8 372,037	110 972,306	13,255	12,785
35	33	97 777	7 779,282	102 600,269	13,189	12,719
36	34	97 663	7 228,131	94 820,987	13,118	12,648
37	35	97 540	6 715,336	87 592,856	13,044	12,573
38	36	97 404	6 238,131	80 877,520	12,965	12,495
39	37	97 255	5 794,059	74 639,389	12,882	12,412
40	38	97 101	5 381,263	68 845,329	12,794	12,323
41	39	96 922	4 996,614	63 464,066	12,701	12,231
42	40	96 735	4 639,023	58 467,452	12,603	12,133
43	41	96 529	4 306,198	53 828,429	12,500	12,030
44	42	96 309	3 996,637	49 522,231	12,391	11,921
45	43	96 060	3 708,172	45 525,593	12,277	11,807
46	44	95 784	3 439,579	41 817,421	12,158	11,687
47	45	95 483	3 189,538	38 377,842	12,032	11,562
48	46	95 147	2 956,576	35 188,304	11,902	11,431
49	47	94 779	2 739,660	32 231,729	11,765	11,295
50	48	94 368	2 537,467	29 492,069	11,623	11,152
51	49	93 904	2 348,837	26 954,602	11,476	11,005
52	50	93 393	2 173,071	24 605,765	11,323	10,853
53	51	92 834	2 009,360	22 432,694	11,164	10,694
54	52	92 200	1 856,406	20 423,334	11,002	10,531
55	53	91 496	1 713,701	18 566,928	10,834	10,364
56	54	90 721	1 580,646	16 853,227	10,662	10,192
57	55	89 863	1 456,463	15 272,581	10,486	10,016
58	56	88 915	1 340,550	13 816,118	10,306	9,836
59	57	87 874	1 232,428	12 475,567	10,123	9,652
60	58	86 747	1 131,740	11 243,139	9,934	9,464
61	59	85 521	1 037,898	10 111,399	9,742	9,272
62	60	84 197	950,543	9 073,501	9,546	9,075
63	61	82 753	869,058	8 122,958	9,347	8,877
64	62	81 214	793,397	7 253,899	9,143	8,673
65	63	79 566	723,062	6 460,502	8,935	8,465
66	64	77 810	657,774	5 737,440	8,723	8,252
67	65	75 946	597,226	5 079,666	8,505	8,035
68	66	73 985	541,212	4 482,440	8,282	7,812
69	67	71 930	489,470	3 941,228	8,052	7,582
70	68	69 745	441,488	3 451,758	7,818	7,348
71	69	67 476	397,325	3 010,270	7,576	7,106
72	70	65 053	356,332	2 612,945	7,333	6,863
73	71	62 551	318,726	2 256,613	7,080	6,610
74	72	59 921	284,020	1 937,887	6,823	6,353
75	73	57 198	252,200	1 653,867	6,558	6,087
76	74	54 367	222,995	1 401,667	6,286	5,815
77	75	51 412	196,162	1 178,672	6,009	5,538
78	76	48 372	171,684	982,509	5,723	5,252
79	77	45 176	149,157	810,825	5,436	4,966
80	78	41 876	128,613	661,668	5,145	4,674
81	79	38 428	109,791	533,055	4,855	4,385
82	80	34 819	92,539	423,264	4,574	4,104
83	81	31 112	76,918	330,725	4,300	3,829
84	82	27 358	62,918	253,807	4,034	3,564
85	83	23 615	50,520	190,889	3,778	3,308
86	84	19 944	39,690	140,369	3,537	3,066
87	85	16 450	30,452	100,679	3,306	2,836
88	86	13 190	22,714	70,227	3,092	2,622
89	87	10 249	16,419	47,514	2,894	2,424
90	88	7 702	11,477	31,095	2,709	2,239
91	89	5 584	7,740	19,617	2,535	2,064
92	90	3 893	5,020	11,877	2,366	1,896
93	91	2 571	3,084	6,858	2,224	1,753
94	92	1 619	1,806	3,774	2,089	1,619
95	93	960	0,997	1,967	1,974	1,504
96	94	539	0,521	0,971	1,864	1,394
97	95	281	0,253	0,450	1,781	1,311
98	96	139	0,117	0,197	1,694	1,223
99	97	64	0,049	0,081	1,633	1,163
100	98	27	0,020	0,031	1,576	1,106

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3	0	99 601	80 174,620	1 132 784,591	14,129	13,659
4	1	99 291	74 348,800	1 052 609,971	14,158	13,687
5	2	99 255	69 137,160	978 261,171	14,150	13,679
6	3	99 233	64 299,188	909 124,012	14,139	13,669
7	4	99 214	59 801,592	844 824,824	14,127	13,657
8	5	99 196	55 619,274	785 023,231	14,114	13,644
9	6	99 178	51 729,827	729 403,957	14,100	13,630
10	7	99 162	48 112,662	677 674,131	14,085	13,615
11	8	99 149	44 750,340	629 561,468	14,068	13,598
12	9	99 135	41 622,100	584 811,129	14,050	13,580
13	10	99 122	38 713,199	543 189,028	14,031	13,561
14	11	99 106	36 006,719	504 475,829	14,011	13,540
15	12	99 085	33 487,489	468 469,110	13,989	13,519
16	13	99 062	31 143,727	434 981,621	13,967	13,497
17	14	99 028	28 961,010	403 837,895	13,944	13,474
18	15	98 992	26 930,589	374 876,885	13,920	13,450
19	16	98 942	25 039,065	347 946,296	13,896	13,426
20	17	98 888	23 279,462	322 907,231	13,871	13,401
21	18	98 832	21 643,015	299 627,768	13,844	13,374
22	19	98 772	20 120,913	277 984,753	13,816	13,345
23	20	98 710	18 705,367	257 863,840	13,786	13,315
24	21	98 651	17 390,000	239 158,473	13,753	13,282
25	22	98 588	16 166,396	221 768,473	13,718	13,248
26	23	98 529	15 029,475	205 602,077	13,680	13,210
27	24	98 466	13 971,977	190 572,602	13,640	13,169
28	25	98 403	12 988,848	176 600,625	13,596	13,126
29	26	98 336	12 074,493	163 611,778	13,550	13,080
30	27	98 267	11 224,115	151 537,284	13,501	13,031
31	28	98 190	10 432,930	140 313,170	13,449	12,979
32	29	98 107	9 696,789	129 880,240	13,394	12,924
33	30	98 019	9 012,217	120 183,451	13,336	12,865
34	31	97 916	8 374,667	111 171,234	13,275	12,804
35	32	97 810	7 781,948	102 796,567	13,210	12,739
36	33	97 698	7 230,736	95 014,619	13,140	12,670
37	34	97 579	6 718,063	87 783,883	13,067	12,597
38	35	97 444	6 240,703	81 065,819	12,990	12,520
39	36	97 300	5 796,717	74 825,116	12,908	12,438
40	37	97 147	5 383,819	69 028,399	12,821	12,351
41	38	96 981	4 999,630	63 644,580	12,730	12,260
42	39	96 793	4 641,814	58 644,950	12,634	12,164
43	40	96 595	4 309,153	54 003,136	12,532	12,062
44	41	96 380	3 999,598	49 693,983	12,425	11,954
45	42	96 136	3 711,118	45 694,385	12,313	11,843
46	43	95 871	3 442,706	41 983,267	12,195	11,725
47	44	95 576	3 192,636	38 540,562	12,072	11,601
48	45	95 257	2 959,986	35 347,925	11,942	11,472
49	46	94 894	2 742,999	32 387,939	11,807	11,337
50	47	94 497	2 540,948	29 644,940	11,667	11,197
51	48	94 054	2 352,587	27 103,992	11,521	11,051
52	49	93 556	2 176,876	24 751,404	11,370	10,900
53	50	93 006	2 013,091	22 574,528	11,214	10,744
54	51	92 398	1 860,392	20 561,437	11,052	10,582
55	52	91 710	1 717,709	18 701,045	10,887	10,417
56	53	90 955	1 584,715	16 983,336	10,717	10,247
57	54	90 124	1 460,683	15 398,621	10,542	10,072
58	55	89 204	1 344,915	13 937,938	10,363	9,893
59	56	88 190	1 236,852	12 593,023	10,182	9,711
60	57	87 089	1 136,199	11 356,171	9,995	9,525
61	58	85 894	1 042,432	10 219,972	9,804	9,334
62	59	84 595	955,038	9 177,540	9,610	9,139
63	60	83 192	873,668	8 222,502	9,411	8,941
64	61	81 679	797,934	7 348,835	9,210	8,740
65	62	80 057	727,525	6 550,900	9,004	8,534
66	63	78 339	662,244	5 823,375	8,793	8,323
67	64	76 518	601,722	5 161,131	8,577	8,107
68	65	74 579	545,561	4 559,409	8,357	7,887
69	66	72 566	493,797	4 013,849	8,129	7,658
70	67	70 412	445,714	3 520,052	7,898	7,427
71	68	68 189	401,527	3 074,338	7,657	7,186
72	69	65 813	360,498	2 672,811	7,414	6,944
73	70	63 349	322,793	2 312,313	7,163	6,693
74	71	60 753	287,966	1 989,521	6,909	6,439
75	72	58 058	255,992	1 701,554	6,647	6,177
76	73	55 275	226,717	1 445,562	6,376	5,906
77	74	52 346	199,726	1 218,845	6,103	5,632
78	75	49 320	175,051	1 019,119	5,822	5,352
79	76	46 172	152,445	844,068	5,537	5,067
80	77	42 896	131,748	691,624	5,250	4,779
81	78	39 513	112,890	559,876	4,959	4,489
82	79	35 949	95,540	446,986	4,678	4,208
83	80	32 289	79,829	351,446	4,403	3,932
84	81	28 578	65,723	271,617	4,133	3,662
85	82	24 841	53,144	205,894	3,874	3,404
86	83	21 143	42,076	152,750	3,630	3,160
87	84	17 596	32,575	110,675	3,398	2,927
88	85	14 276	24,585	78,100	3,177	2,706
89	86	11 228	17,987	53,515	2,975	2,505
90	87	8 557	12,752	35,527	2,786	2,316
91	88	6 304	8,738	22,776	2,607	2,136
92	89	4 472	5,767	14,038	2,434	1,964
93	90	3 015	3,617	8,271	2,287	1,816
94	91	1 945	2,170	4,654	2,144	1,674
95	92	1 182	1,227	2,484	2,025	1,554
96	93	682	0,658	1,257	1,910	1,439
97	94	365	0,328	0,599	1,824	1,354
98	95	187	0,156	0,271	1,735	1,265
99	96	89	0,069	0,115	1,655	1,184
100	97	39	0,028	0,045	1,599	1,129

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4	0	99 590	74 572,917	1 053 122,786	14,122	13,652
5	1	99 280	69 154,306	978 549,869	14,150	13,680
6	2	99 245	64 307,176	909 395,563	14,141	13,671
7	3	99 224	59 807,760	845 088,387	14,130	13,660
8	4	99 205	55 624,597	785 280,627	14,118	13,647
9	5	99 187	51 734,435	729 656,030	14,104	13,634
10	6	99 170	48 116,919	677 921,595	14,089	13,619
11	7	99 154	44 752,419	629 804,677	14,073	13,603
12	8	99 142	41 625,001	585 052,258	14,055	13,585
13	9	99 128	38 715,568	543 427,257	14,036	13,566
14	10	99 112	36 008,825	504 711,689	14,016	13,546
15	11	99 093	33 490,078	468 702,864	13,995	13,525
16	12	99 070	31 146,172	435 212,786	13,973	13,503
17	13	99 037	28 963,739	404 066,613	13,951	13,480
18	14	99 001	26 933,073	375 102,874	13,927	13,457
19	15	98 954	25 042,112	348 169,802	13,903	13,433
20	16	98 902	23 282,891	323 127,690	13,878	13,408
21	17	98 845	21 645,962	299 844,799	13,852	13,382
22	18	98 791	20 124,878	278 198,837	13,824	13,353
23	19	98 727	18 708,637	258 073,959	13,794	13,324
24	20	98 670	17 393,215	239 365,322	13,762	13,292
25	21	98 604	16 169,062	221 972,106	13,728	13,258
26	22	98 545	15 031,922	205 803,044	13,691	13,221
27	23	98 484	13 974,492	190 771,122	13,651	13,181
28	24	98 421	12 991,185	176 796,630	13,609	13,139
29	25	98 355	12 076,791	163 805,445	13,564	13,093
30	26	98 285	11 226,228	151 728,654	13,516	13,045
31	27	98 211	10 435,176	140 502,427	13,464	12,994
32	28	98 130	9 699,074	130 067,251	13,410	12,940
33	29	98 045	9 014,550	120 368,177	13,353	12,882
34	30	97 947	8 377,324	111 353,627	13,292	12,822
35	31	97 841	7 784,393	102 976,304	13,229	12,758
36	32	97 732	7 233,214	95 191,911	13,160	12,690
37	33	97 614	6 720,485	87 958,697	13,088	12,618
38	34	97 484	6 243,238	81 238,212	13,012	12,542
39	35	97 340	5 799,107	74 994,974	12,932	12,462
40	36	97 191	5 386,288	69 195,866	12,847	12,376
41	37	97 027	5 002,004	63 809,578	12,757	12,287
42	38	96 851	4 644,616	58 807,574	12,661	12,191
43	39	96 653	4 311,745	54 162,958	12,562	12,091
44	40	96 447	4 002,342	49 851,213	12,456	11,985
45	41	96 207	3 713,867	45 848,871	12,345	11,875
46	42	95 948	3 445,441	42 135,004	12,229	11,759
47	43	95 663	3 195,538	38 689,563	12,107	11,637
48	44	95 349	2 962,862	35 494,025	11,980	11,509
49	45	95 004	2 746,164	32 531,163	11,846	11,376
50	46	94 612	2 544,046	29 785,000	11,708	11,237
51	47	94 183	2 355,816	27 240,954	11,563	11,093
52	48	93 706	2 180,352	24 885,138	11,413	10,943
53	49	93 169	2 016,616	22 704,787	11,259	10,789
54	50	92 569	1 863,846	20 688,170	11,100	10,629
55	51	91 907	1 721,397	18 824,324	10,935	10,465
56	52	91 167	1 588,421	17 102,927	10,767	10,297
57	53	90 356	1 464,443	15 514,506	10,594	10,124
58	54	89 463	1 348,812	14 050,063	10,417	9,946
59	55	88 477	1 240,880	12 701,252	10,236	9,765
60	56	87 401	1 140,278	11 460,372	10,051	9,580
61	57	86 233	1 046,538	10 320,095	9,861	9,391
62	58	84 965	959,210	9 273,556	9,668	9,198
63	59	83 585	877,799	8 314,346	9,472	9,002
64	60	82 112	802,167	7 436,547	9,271	8,800
65	61	80 515	731,685	6 634,381	9,067	8,597
66	62	78 822	666,331	5 902,695	8,859	8,388
67	63	77 038	605,811	5 236,364	8,644	8,173
68	64	75 141	549,668	4 630,554	8,424	7,954
69	65	73 149	497,764	4 080,885	8,198	7,728
70	66	71 035	449,654	3 583,121	7,969	7,498
71	67	68 842	405,371	3 133,467	7,730	7,260
72	68	66 509	364,310	2 728,096	7,488	7,018
73	69	64 090	326,566	2 363,786	7,238	6,768
74	70	61 528	291,640	2 037,220	6,985	6,515
75	71	58 864	259,548	1 745,580	6,725	6,255
76	72	56 106	230,126	1 486,031	6,457	5,987
77	73	53 220	203,060	1 255,905	6,185	5,715
78	74	50 216	178,231	1 052,846	5,907	5,437
79	75	47 078	155,434	874,615	5,627	5,157
80	76	43 842	134,652	719,181	5,341	4,871
81	77	40 476	115,641	584,529	5,055	4,584
82	78	36 963	98,237	468,887	4,773	4,303
83	79	33 337	82,418	370,650	4,497	4,027
84	80	29 659	68,210	288,233	4,226	3,755
85	81	25 949	55,513	220,023	3,963	3,493
86	82	22 241	44,261	164,510	3,717	3,247
87	83	18 654	34,533	120,249	3,482	3,012
88	84	15 272	26,299	85,716	3,259	2,789
89	85	12 154	19,469	59,416	3,052	2,582
90	86	9 374	13,970	39,947	2,860	2,389
91	87	7 003	9,708	25,978	2,676	2,206
92	88	5 049	6,510	16,269	2,499	2,029
93	89	3 464	4,155	9,759	2,349	1,878
94	90	2 281	2,546	5,604	2,201	1,731
95	91	1 420	1,474	3,058	2,075	1,605
96	92	839	0,810	1,584	1,956	1,486
97	93	462	0,415	0,774	1,866	1,396
98	94	242	0,203	0,359	1,775	1,305
99	95	119	0,093	0,157	1,693	1,223
100	96	55	0,040	0,064	1,618	1,148

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5	0	99 579	69 362,765	979 021,911	14,115	13,644
6	1	99 270	64 323,125	909 659,146	14,142	13,672
7	2	99 236	59 815,191	845 336,022	14,132	13,662
8	3	99 215	55 630,334	785 520,831	14,120	13,650
9	4	99 197	51 739,386	729 890,497	14,107	13,637
10	5	99 179	48 121,205	678 151,111	14,093	13,622
11	6	99 163	44 756,378	630 029,906	14,077	13,607
12	7	99 146	41 626,935	585 273,528	14,060	13,590
13	8	99 135	38 718,266	543 646,593	14,041	13,571
14	9	99 118	36 011,028	504 928,328	14,021	13,551
15	10	99 099	33 492,037	468 917,300	14,001	13,531
16	11	99 077	31 148,581	435 425,262	13,979	13,509
17	12	99 045	28 966,013	404 276,681	13,957	13,487
18	13	99 010	26 935,610	375 310,668	13,934	13,463
19	14	98 963	25 044,421	348 375,058	13,910	13,440
20	15	98 914	23 285,724	323 330,637	13,885	13,415
21	16	98 860	21 649,150	300 044,913	13,859	13,389
22	17	98 805	20 127,619	278 395,763	13,832	13,361
23	18	98 747	18 712,324	258 268,144	13,802	13,332
24	19	98 687	17 396,256	239 555,820	13,771	13,300
25	20	98 623	16 172,052	222 159,564	13,737	13,267
26	21	98 561	15 034,401	205 987,512	13,701	13,231
27	22	98 500	13 976,767	190 953,110	13,662	13,192
28	23	98 438	12 993,524	176 976,343	13,620	13,150
29	24	98 373	12 078,964	163 982,819	13,576	13,106
30	25	98 304	11 228,363	151 903,855	13,529	13,058
31	26	98 230	10 437,140	140 675,492	13,478	13,008
32	27	98 151	9 701,162	130 238,352	13,425	12,955
33	28	98 068	9 016,674	120 537,190	13,368	12,898
34	29	97 973	8 379,492	111 520,516	13,309	12,838
35	30	97 872	7 786,862	103 141,024	13,246	12,775
36	31	97 763	7 235,486	95 354,162	13,179	12,708
37	32	97 648	6 722,788	88 118,676	13,107	12,637
38	33	97 519	6 245,488	81 395,887	13,033	12,562
39	34	97 380	5 801,463	75 150,399	12,954	12,483
40	35	97 232	5 388,509	69 348,936	12,870	12,400
41	36	97 071	5 004,299	63 960,427	12,781	12,311
42	37	96 897	4 646,821	58 956,128	12,687	12,217
43	38	96 712	4 314,348	54 309,307	12,588	12,118
44	39	96 505	4 004,750	49 994,959	12,484	12,014
45	40	96 273	3 716,415	45 990,209	12,375	11,905
46	41	96 019	3 447,993	42 273,794	12,260	11,790
47	42	95 739	3 198,077	38 825,801	12,140	11,670
48	43	95 436	2 965,555	35 627,725	12,014	11,544
49	44	95 096	2 748,832	32 662,170	11,882	11,412
50	45	94 722	2 546,981	29 913,338	11,745	11,274
51	46	94 298	2 358,687	27 366,358	11,602	11,132
52	47	93 834	2 183,344	25 007,671	11,454	10,984
53	48	93 318	2 019,836	22 824,327	11,300	10,830
54	49	92 731	1 867,110	20 804,491	11,143	10,672
55	50	92 077	1 724,593	18 937,381	10,981	10,511
56	51	91 363	1 591,832	17 212,788	10,813	10,343
57	52	90 567	1 467,867	15 620,956	10,642	10,172
58	53	89 693	1 352,284	14 153,089	10,466	9,996
59	54	88 733	1 244,474	12 800,805	10,286	9,816
60	55	87 686	1 143,990	11 556,331	10,102	9,631
61	56	86 542	1 050,295	10 412,340	9,914	9,443
62	57	85 299	962,989	9 362,045	9,722	9,252
63	58	83 950	881,634	8 399,056	9,527	9,056
64	59	82 500	805,960	7 517,423	9,327	8,857
65	60	80 942	735,566	6 711,463	9,124	8,654
66	61	79 273	670,141	5 975,897	8,917	8,447
67	62	77 513	609,550	5 305,755	8,704	8,234
68	63	75 651	553,403	4 696,205	8,486	8,016
69	64	73 700	501,512	4 142,802	8,261	7,790
70	65	71 606	453,267	3 641,290	8,033	7,563
71	66	69 451	408,954	3 188,023	7,796	7,325
72	67	67 146	367,798	2 779,069	7,556	7,086
73	68	64 768	330,020	2 411,272	7,306	6,836
74	69	62 247	295,050	2 081,252	7,054	6,584
75	70	59 616	262,860	1 786,202	6,795	6,325
76	71	56 885	233,323	1 523,342	6,529	6,059
77	72	54 020	206,113	1 290,019	6,259	5,789
78	73	51 054	181,206	1 083,906	5,982	5,511
79	74	47 933	158,258	902,701	5,704	5,234
80	75	44 702	137,292	744,443	5,422	4,952
81	76	41 368	118,190	607,151	5,137	4,667
82	77	37 864	100,632	488,960	4,859	4,389
83	78	34 278	84,744	388,329	4,582	4,112
84	79	30 621	70,422	303,585	4,311	3,841
85	80	26 931	57,614	233,163	4,047	3,577
86	81	23 232	46,234	175,549	3,797	3,327
87	82	19 623	36,327	129,315	3,560	3,089
88	83	16 190	27,880	92,988	3,335	2,865
89	84	13 001	20,826	65,108	3,126	2,656
90	85	10 147	15,121	44,282	2,929	2,458
91	86	7 672	10,635	29,161	2,742	2,272
92	87	5 609	7,233	18,526	2,561	2,091
93	88	3 911	4,691	11,293	2,407	1,937
94	89	2 621	2,925	6,601	2,257	1,787
95	90	1 665	1,729	3,677	2,127	1,657
96	91	1 008	0,973	1,948	2,002	1,532
97	92	568	0,511	0,975	1,909	1,439
98	93	306	0,256	0,464	1,814	1,343
99	94	155	0,120	0,208	1,730	1,260
100	95	73	0,053	0,088	1,654	1,184

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	64 517,020	910 093,621	14,106	13,636
7	1	99 261	59 830,025	845 576,600	14,133	13,663
8	2	99 228	55 637,245	785 746,575	14,123	13,652
9	3	99 207	51 744,722	730 109,330	14,110	13,640
10	4	99 189	48 125,810	678 364,608	14,096	13,625
11	5	99 171	44 760,365	630 238,797	14,080	13,610
12	6	99 155	41 630,618	585 478,432	14,064	13,593
13	7	99 139	38 720,064	543 847,815	14,046	13,575
14	8	99 125	36 013,538	505 127,751	14,026	13,556
15	9	99 105	33 494,086	469 114,213	14,006	13,536
16	10	99 083	31 150,403	435 620,126	13,984	13,514
17	11	99 053	28 968,253	404 469,723	13,963	13,492
18	12	99 018	26 937,726	375 501,470	13,940	13,469
19	13	98 972	25 046,781	348 563,744	13,917	13,446
20	14	98 923	23 287,871	323 516,964	13,892	13,422
21	15	98 872	21 651,784	300 229,093	13,866	13,396
22	16	98 819	20 130,583	278 577,308	13,839	13,368
23	17	98 760	18 714,872	258 446,725	13,810	13,339
24	18	98 706	17 399,684	239 731,853	13,778	13,308
25	19	98 640	16 174,879	222 332,169	13,746	13,275
26	20	98 579	15 037,182	206 157,289	13,710	13,240
27	21	98 516	13 979,072	191 120,108	13,672	13,202
28	22	98 454	12 995,639	177 141,036	13,631	13,161
29	23	98 391	12 081,138	164 145,396	13,587	13,117
30	24	98 322	11 230,384	152 064,258	13,540	13,070
31	25	98 249	10 439,126	140 833,874	13,491	13,021
32	26	98 169	9 702,988	130 394,748	13,439	12,968
33	27	98 089	9 018,615	120 691,760	13,383	12,912
34	28	97 996	8 381,467	111 673,146	13,324	12,854
35	29	97 897	7 788,878	103 291,679	13,261	12,791
36	30	97 794	7 237,782	95 502,801	13,195	12,725
37	31	97 679	6 724,900	88 265,019	13,125	12,655
38	32	97 552	6 247,629	81 540,119	13,051	12,581
39	33	97 415	5 803,554	75 292,490	12,974	12,503
40	34	97 271	5 390,698	69 488,936	12,891	12,420
41	35	97 111	5 006,362	64 098,239	12,803	12,333
42	36	96 942	4 648,953	59 091,876	12,711	12,241
43	37	96 758	4 316,397	54 442,924	12,613	12,143
44	38	96 563	4 007,167	50 126,527	12,509	12,039
45	39	96 331	3 718,651	46 119,360	12,402	11,932
46	40	96 085	3 450,359	42 400,709	12,289	11,819
47	41	95 809	3 200,446	38 950,351	12,170	11,700
48	42	95 512	2 967,911	35 749,905	12,045	11,575
49	43	95 183	2 751,330	32 781,994	11,915	11,445
50	44	94 814	2 549,455	30 030,664	11,779	11,309
51	45	94 407	2 361,408	27 481,209	11,638	11,167
52	46	93 949	2 186,005	25 119,801	11,491	11,021
53	47	93 446	2 022,607	22 933,796	11,339	10,868
54	48	92 879	1 870,091	20 911,189	11,182	10,712
55	49	92 238	1 727,613	19 041,097	11,022	10,551
56	50	91 533	1 594,787	17 313,484	10,856	10,386
57	51	90 761	1 471,019	15 718,697	10,686	10,215
58	52	89 903	1 355,446	14 247,678	10,511	10,041
59	53	88 961	1 247,678	12 892,232	10,333	9,863
60	54	87 940	1 147,305	11 644,554	10,149	9,679
61	55	86 824	1 053,715	10 497,249	9,962	9,492
62	56	85 606	966,446	9 443,534	9,771	9,301
63	57	84 281	885,107	8 477,088	9,577	9,107
64	58	82 861	809,480	7 591,982	9,379	8,909
65	59	81 324	739,044	6 782,501	9,177	8,707
66	60	79 693	673,696	6 043,457	8,971	8,500
67	61	77 957	613,035	5 369,761	8,759	8,289
68	62	76 118	556,819	4 756,725	8,543	8,072
69	63	74 200	504,920	4 199,906	8,318	7,848
70	64	72 145	456,679	3 694,987	8,091	7,621
71	65	70 009	412,240	3 238,307	7,855	7,385
72	66	67 739	371,049	2 826,068	7,616	7,146
73	67	65 388	333,179	2 455,019	7,368	6,898
74	68	62 906	298,170	2 121,840	7,116	6,646
75	69	60 312	265,933	1 823,669	6,858	6,387
76	70	57 611	236,300	1 557,736	6,592	6,122
77	71	54 771	208,976	1 321,437	6,323	5,853
78	72	51 822	183,930	1 112,460	6,048	5,578
79	73	48 733	160,899	928,530	5,771	5,301
80	74	45 514	139,787	767,631	5,491	5,021
81	75	42 179	120,508	627,844	5,210	4,740
82	76	38 699	102,850	507,337	4,933	4,463
83	77	35 113	86,809	404,487	4,659	4,189
84	78	31 485	72,409	317,677	4,387	3,917
85	79	27 804	59,482	245,268	4,123	3,653
86	80	24 111	47,984	185,786	3,872	3,402
87	81	20 498	37,946	137,802	3,631	3,161
88	82	17 031	29,328	99,855	3,405	2,934
89	83	13 782	22,078	70,527	3,194	2,724
90	84	10 854	16,175	48,449	2,995	2,525
91	85	8 305	11,512	32,274	2,804	2,333
92	86	6 145	7,924	20,762	2,620	2,150
93	87	4 345	5,212	12,838	2,463	1,993
94	88	2 959	3,302	7,626	2,310	1,840
95	89	1 913	1,986	4,325	2,178	1,707
96	90	1 182	1,142	2,339	2,049	1,579
97	91	683	0,613	1,197	1,952	1,482
98	92	377	0,315	0,584	1,853	1,383
99	93	196	0,152	0,269	1,766	1,295
100	94	95	0,069	0,117	1,688	1,218

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 560	60 010,377	845 976,477	14,097	13,627
8	1	99 252	55 651,043	785 966,100	14,123	13,653
9	2	99 219	51 751,151	730 315,057	14,112	13,642
10	3	99 199	48 130,774	678 563,906	14,098	13,628
11	4	99 181	44 764,648	630 433,132	14,083	13,613
12	5	99 164	41 634,326	585 668,483	14,067	13,597
13	6	99 148	38 723,490	544 034,157	14,049	13,579
14	7	99 130	36 015,211	505 310,667	14,030	13,560
15	8	99 112	33 496,421	469 295,456	14,010	13,540
16	9	99 089	31 152,309	435 799,036	13,989	13,519
17	10	99 058	28 969,948	404 646,727	13,968	13,498
18	11	99 025	26 939,809	375 676,779	13,945	13,475
19	12	98 980	25 048,748	348 736,970	13,922	13,452
20	13	98 933	23 290,065	323 688,223	13,898	13,428
21	14	98 881	21 653,781	300 398,157	13,873	13,402
22	15	98 832	20 133,032	278 744,376	13,845	13,375
23	16	98 775	18 717,628	258 611,344	13,816	13,346
24	17	98 720	17 402,054	239 893,716	13,785	13,315
25	18	98 659	16 178,067	222 491,662	13,753	13,282
26	19	98 597	15 039,810	206 313,595	13,718	13,248
27	20	98 534	13 981,657	191 273,785	13,680	13,210
28	21	98 471	12 997,783	177 292,127	13,640	13,170
29	22	98 407	12 083,105	164 294,345	13,597	13,127
30	23	98 339	11 232,406	152 211,239	13,551	13,081
31	24	98 266	10 441,004	140 978,834	13,502	13,032
32	25	98 188	9 704,834	130 537,829	13,451	12,981
33	26	98 107	9 020,313	120 832,996	13,396	12,925
34	27	98 017	8 383,271	111 812,683	13,338	12,867
35	28	97 920	7 790,714	103 429,412	13,276	12,806
36	29	97 819	7 239,655	95 638,699	13,210	12,740
37	30	97 709	6 727,033	88 399,044	13,141	12,671
38	31	97 583	6 249,591	81 672,010	13,068	12,598
39	32	97 448	5 805,543	75 422,419	12,991	12,521
40	33	97 306	5 392,641	69 616,876	12,910	12,439
41	34	97 151	5 008,396	64 224,235	12,823	12,353
42	35	96 982	4 650,870	59 215,840	12,732	12,262
43	36	96 802	4 318,377	54 564,970	12,636	12,165
44	37	96 609	4 009,070	50 246,593	12,533	12,063
45	38	96 389	3 720,895	46 237,523	12,426	11,956
46	39	96 142	3 452,434	42 516,628	12,315	11,845
47	40	95 875	3 202,642	39 064,194	12,197	11,727
48	41	95 583	2 970,109	35 861,552	12,074	11,604
49	42	95 258	2 753,516	32 891,443	11,945	11,475
50	43	94 900	2 551,772	30 137,927	11,811	11,340
51	44	94 498	2 363,702	27 586,155	11,671	11,200
52	45	94 057	2 188,527	25 222,453	11,525	11,055
53	46	93 560	2 025,073	23 033,926	11,374	10,904
54	47	93 007	1 872,657	21 008,853	11,219	10,748
55	48	92 386	1 730,371	19 136,196	11,059	10,589
56	49	91 693	1 597,580	17 405,824	10,895	10,425
57	50	90 930	1 473,750	15 808,245	10,727	10,256
58	51	90 096	1 358,357	14 334,494	10,553	10,083
59	52	89 169	1 250,596	12 976,138	10,376	9,906
60	53	88 166	1 150,258	11 725,542	10,194	9,724
61	54	87 075	1 056,768	10 575,284	10,007	9,537
62	55	85 884	969,593	9 518,516	9,817	9,347
63	56	84 583	888,284	8 548,923	9,624	9,154
64	57	83 187	812,670	7 660,639	9,427	8,956
65	58	81 680	742,273	6 847,970	9,226	8,755
66	59	80 070	676,881	6 105,697	9,020	8,550
67	60	78 370	616,287	5 428,815	8,809	8,339
68	61	76 554	560,003	4 812,528	8,594	8,123
69	62	74 658	508,036	4 252,525	8,371	7,900
70	63	72 635	459,783	3 744,489	8,144	7,674
71	64	70 536	415,344	3 284,707	7,908	7,438
72	65	68 284	374,030	2 869,363	7,671	7,201
73	66	65 966	336,124	2 495,333	7,424	6,954
74	67	63 508	301,025	2 159,209	7,173	6,703
75	68	60 950	268,746	1 858,184	6,914	6,444
76	69	58 285	239,062	1 589,439	6,649	6,178
77	70	55 470	211,643	1 350,377	6,380	5,910
78	71	52 542	186,485	1 138,734	6,106	5,636
79	72	49 466	163,318	952,248	5,831	5,360
80	73	46 273	142,120	788,930	5,551	5,081
81	74	42 946	122,697	646,811	5,272	4,801
82	75	39 458	104,866	524,113	4,998	4,528
83	76	35 887	88,723	419,247	4,725	4,255
84	77	32 253	74,175	330,524	4,456	3,986
85	78	28 589	61,161	256,350	4,191	3,721
86	79	24 893	49,540	195,188	3,940	3,470
87	80	21 273	39,382	145,648	3,698	3,228
88	81	17 790	30,636	106,266	3,469	2,998
89	82	14 498	23,225	75,630	3,256	2,786
90	83	11 507	17,147	52,405	3,056	2,586
91	84	8 883	12,314	35,258	2,863	2,393
92	85	6 651	8,577	22,944	2,675	2,205
93	86	4 760	5,710	14,367	2,516	2,046
94	87	3 287	3,668	8,657	2,360	1,890
95	88	2 160	2,242	4,989	2,225	1,755
96	89	1 358	1,311	2,747	2,095	1,625
97	90	801	0,720	1,436	1,995	1,525
98	91	453	0,379	0,716	1,892	1,421
99	92	241	0,187	0,338	1,802	1,331
100	93	121	0,087	0,150	1,721	1,251

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 552	55 818,798	786 334,125	14,087	13,617
9	1	99 244	51 763,985	730 515,327	14,112	13,642
10	2	99 211	48 136,754	678 751,341	14,100	13,630
11	3	99 191	44 769,265	630 614,588	14,086	13,616
12	4	99 173	41 638,310	585 845,322	14,070	13,600
13	5	99 157	38 726,940	544 207,012	14,052	13,582
14	6	99 139	36 018,397	505 480,072	14,034	13,564
15	7	99 116	33 497,977	469 461,675	14,015	13,544
16	8	99 096	31 154,480	435 963,698	13,994	13,523
17	9	99 065	28 971,720	404 809,219	13,973	13,502
18	10	99 031	26 941,385	375 837,498	13,950	13,480
19	11	98 988	25 050,685	348 896,114	13,928	13,457
20	12	98 940	23 291,894	323 845,429	13,904	13,434
21	13	98 890	21 655,821	300 553,535	13,879	13,408
22	14	98 841	20 134,889	278 897,713	13,851	13,381
23	15	98 787	18 719,906	258 762,824	13,823	13,353
24	16	98 734	17 404,616	240 042,918	13,792	13,322
25	17	98 673	16 180,270	222 638,302	13,760	13,290
26	18	98 616	15 042,774	206 458,032	13,725	13,254
27	19	98 551	13 984,102	191 415,258	13,688	13,218
28	20	98 489	13 000,186	177 431,157	13,648	13,178
29	21	98 423	12 085,098	164 430,970	13,606	13,136
30	22	98 355	11 234,235	152 345,872	13,561	13,091
31	23	98 284	10 442,884	141 111,637	13,513	13,042
32	24	98 206	9 706,580	130 668,754	13,462	12,992
33	25	98 126	9 022,029	120 962,173	13,407	12,937
34	26	98 035	8 384,849	111 940,145	13,350	12,880
35	27	97 942	7 792,390	103 555,296	13,289	12,819
36	28	97 842	7 241,361	95 762,905	13,224	12,754
37	29	97 735	6 728,775	88 521,544	13,156	12,685
38	30	97 614	6 251,574	81 792,770	13,084	12,613
39	31	97 479	5 807,366	75 541,196	13,008	12,538
40	32	97 339	5 394,489	69 733,829	12,927	12,457
41	33	97 186	5 010,201	64 339,340	12,842	12,371
42	34	97 021	4 652,759	59 329,139	12,751	12,281
43	35	96 842	4 320,157	54 676,381	12,656	12,186
44	36	96 653	4 010,909	50 356,224	12,555	12,085
45	37	96 435	3 722,662	46 345,314	12,450	11,979
46	38	96 200	3 454,518	42 622,652	12,338	11,868
47	39	95 933	3 204,568	39 168,134	12,223	11,752
48	40	95 648	2 972,147	35 963,566	12,100	11,630
49	41	95 329	2 755,555	32 991,419	11,973	11,502
50	42	94 975	2 553,799	30 235,863	11,840	11,369
51	43	94 584	2 365,851	27 682,064	11,701	11,230
52	44	94 149	2 190,653	25 316,213	11,556	11,086
53	45	93 668	2 027,409	23 125,560	11,406	10,936
54	46	93 120	1 874,940	21 098,151	11,253	10,782
55	47	92 512	1 732,746	19 223,211	11,094	10,624
56	48	91 839	1 600,131	17 490,466	10,931	10,460
57	49	91 089	1 476,331	15 890,335	10,763	10,293
58	50	90 263	1 360,879	14 414,004	10,592	10,121
59	51	89 361	1 253,281	13 053,125	10,415	9,945
60	52	88 373	1 152,948	11 799,844	10,234	9,764
61	53	87 300	1 059,488	10 646,896	10,049	9,579
62	54	86 133	972,402	9 587,408	9,860	9,389
63	55	84 859	891,176	8 615,006	9,667	9,197
64	56	83 486	815,587	7 723,830	9,470	9,000
65	57	82 001	745,197	6 908,243	9,270	8,800
66	58	80 420	679,838	6 163,046	9,065	8,595
67	59	78 741	619,201	5 483,208	8,855	8,385
68	60	76 960	562,973	4 864,006	8,640	8,170
69	61	75 085	510,941	4 301,033	8,418	7,948
70	62	73 083	462,620	3 790,092	8,193	7,722
71	63	71 015	418,166	3 327,472	7,957	7,487
72	64	68 798	376,846	2 909,306	7,720	7,250
73	65	66 496	338,825	2 532,460	7,474	7,004
74	66	64 069	303,685	2 193,635	7,223	6,753
75	67	61 534	271,318	1 889,949	6,966	6,496
76	68	58 901	241,591	1 618,631	6,700	6,230
77	69	56 118	214,117	1 377,041	6,431	5,961
78	70	53 212	188,865	1 162,924	6,157	5,687
79	71	50 153	165,587	974,059	5,882	5,412
80	72	46 969	144,257	808,472	5,604	5,134
81	73	43 663	124,745	664,215	5,325	4,854
82	74	40 174	106,772	539,470	5,053	4,582
83	75	36 591	90,463	432,699	4,783	4,313
84	76	32 964	75,809	342,236	4,514	4,044
85	77	29 286	62,652	266,427	4,252	3,782
86	78	25 596	50,938	203,775	4,000	3,530
87	79	21 963	40,659	152,836	3,759	3,289
88	80	18 463	31,795	112,177	3,528	3,058
89	81	15 144	24,261	80,382	3,313	2,843
90	82	12 104	18,038	56,121	3,111	2,641
91	83	9 417	13,055	38,084	2,917	2,447
92	84	7 115	9,175	25,029	2,728	2,258
93	85	5 152	6,180	15,854	2,565	2,095
94	86	3 601	4,019	9,674	2,407	1,937
95	87	2 400	2,491	5,656	2,270	1,800
96	88	1 533	1,480	3,165	2,138	1,667
97	89	920	0,827	1,684	2,037	1,567
98	90	531	0,444	0,858	1,931	1,461
99	91	290	0,225	0,414	1,837	1,367
100	92	149	0,107	0,188	1,754	1,284

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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9	0	99 543	51 920,023	730 854,035	14,077	13,606
10	1	99 236	48 148,692	678 934,012	14,101	13,630
11	2	99 204	44 774,828	630 785,321	14,088	13,618
12	3	99 184	41 642,605	586 010,493	14,072	13,602
13	4	99 166	38 730,646	544 367,888	14,055	13,585
14	5	99 147	36 021,606	505 637,243	14,037	13,567
15	6	99 125	33 500,940	469 615,637	14,018	13,548
16	7	99 101	31 155,927	436 114,696	13,998	13,528
17	8	99 071	28 973,739	404 958,769	13,977	13,506
18	9	99 037	26 943,033	375 985,030	13,955	13,485
19	10	98 993	25 052,150	349 041,997	13,933	13,462
20	11	98 948	23 293,696	323 989,847	13,909	13,439
21	12	98 898	21 657,522	300 696,152	13,884	13,414
22	13	98 850	20 136,786	279 038,630	13,857	13,387
23	14	98 796	18 721,632	258 901,843	13,829	13,359
24	15	98 746	17 406,734	240 180,211	13,798	13,328
25	16	98 687	16 182,653	222 773,477	13,766	13,296
26	17	98 630	15 044,823	206 590,824	13,732	13,261
27	18	98 571	13 986,857	191 546,002	13,695	13,224
28	19	98 506	13 002,459	177 559,144	13,656	13,186
29	20	98 441	12 087,333	164 556,686	13,614	13,144
30	21	98 371	11 236,088	152 469,353	13,570	13,099
31	22	98 300	10 444,584	141 233,265	13,522	13,052
32	23	98 223	9 708,328	130 788,681	13,472	13,002
33	24	98 144	9 023,652	121 080,354	13,418	12,948
34	25	98 054	8 386,444	112 056,701	13,362	12,891
35	26	97 960	7 793,857	103 670,257	13,302	12,831
36	27	97 863	7 242,920	95 876,400	13,237	12,767
37	28	97 758	6 730,361	88 633,480	13,169	12,699
38	29	97 639	6 253,192	81 903,119	13,098	12,628
39	30	97 510	5 809,209	75 649,927	13,022	12,552
40	31	97 370	5 396,183	69 840,718	12,943	12,472
41	32	97 219	5 011,918	64 444,535	12,858	12,388
42	33	97 056	4 654,436	59 432,617	12,769	12,299
43	34	96 881	4 321,912	54 778,181	12,675	12,204
44	35	96 693	4 012,563	50 456,269	12,575	12,104
45	36	96 479	3 724,370	46 443,707	12,470	12,000
46	37	96 246	3 456,159	42 719,337	12,360	11,890
47	38	95 991	3 206,503	39 263,178	12,245	11,775
48	39	95 706	2 973,935	36 056,675	12,124	11,654
49	40	95 394	2 757,446	33 082,741	11,998	11,527
50	41	95 046	2 555,691	30 325,294	11,866	11,396
51	42	94 659	2 367,730	27 769,603	11,728	11,258
52	43	94 234	2 192,644	25 401,873	11,585	11,115
53	44	93 759	2 029,379	23 209,229	11,437	10,966
54	45	93 228	1 877,103	21 179,850	11,283	10,813
55	46	92 625	1 734,858	19 302,748	11,126	10,656
56	47	91 966	1 602,326	17 567,890	10,964	10,494
57	48	91 235	1 478,688	15 965,563	10,797	10,327
58	49	90 421	1 363,262	14 486,875	10,627	10,156
59	50	89 527	1 255,608	13 123,613	10,452	9,982
60	51	88 562	1 155,424	11 868,005	10,272	9,801
61	52	87 504	1 061,966	10 712,582	10,088	9,617
62	53	86 355	974,905	9 650,616	9,899	9,429
63	54	85 105	893,758	8 675,711	9,707	9,237
64	55	83 757	818,242	7 781,953	9,511	9,040
65	56	82 296	747,872	6 963,711	9,311	8,841
66	57	80 737	682,517	6 215,838	9,107	8,637
67	58	79 085	621,906	5 533,322	8,897	8,427
68	59	77 324	565,635	4 911,416	8,683	8,213
69	60	75 484	513,651	4 345,780	8,461	7,990
70	61	73 501	465,266	3 832,129	8,236	7,766
71	62	71 453	420,747	3 366,863	8,002	7,532
72	63	69 265	379,407	2 946,117	7,765	7,295
73	64	66 996	341,376	2 566,710	7,519	7,048
74	65	64 584	306,125	2 225,334	7,269	6,799
75	66	62 078	273,717	1 919,209	7,012	6,541
76	67	59 465	243,903	1 645,492	6,746	6,276
77	68	56 712	216,381	1 401,589	6,477	6,007
78	69	53 834	191,073	1 185,207	6,203	5,733
79	70	50 793	167,700	994,135	5,928	5,458
80	71	47 622	146,261	826,435	5,650	5,180
81	72	44 319	126,621	680,174	5,372	4,901
82	73	40 845	108,554	553,553	5,099	4,629
83	74	37 256	92,106	445,000	4,831	4,361
84	75	33 610	77,296	352,894	4,565	4,095
85	76	29 931	64,033	275,598	4,304	3,834
86	77	26 220	52,180	211,565	4,055	3,584
87	78	22 583	41,807	159,385	3,812	3,342
88	79	19 062	32,826	117,578	3,582	3,112
89	80	15 718	25,179	84,752	3,366	2,896
90	81	12 644	18,842	59,573	3,162	2,691
91	82	9 907	13,733	40,731	2,966	2,496
92	83	7 543	9,726	26,999	2,776	2,306
93	84	5 511	6,611	17,272	2,613	2,142
94	85	3 898	4,350	10,661	2,451	1,981
95	86	2 629	2,729	6,312	2,313	1,843
96	87	1 704	1,645	3,583	2,178	1,708
97	88	1 039	0,933	1,938	2,077	1,606
98	89	611	0,510	1,005	1,970	1,499
99	90	340	0,264	0,495	1,873	1,403
100	91	178	0,129	0,231	1,787	1,317

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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4						
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9						
10	0	99 535	48 293,831	679 245,744	14,065	13,595
11	1	99 228	44 785,932	630 951,913	14,088	13,618
12	2	99 196	41 647,779	586 165,981	14,074	13,604
13	3	99 177	38 734,640	544 518,202	14,058	13,587
14	4	99 157	36 025,053	505 783,562	14,040	13,569
15	5	99 134	33 503,925	469 758,509	14,021	13,551
16	6	99 109	31 158,683	436 254,584	14,001	13,531
17	7	99 076	28 975,085	405 095,901	13,981	13,511
18	8	99 044	26 944,910	376 120,816	13,959	13,489
19	9	98 999	25 053,683	349 175,905	13,937	13,467
20	10	98 954	23 295,058	324 122,223	13,914	13,443
21	11	98 905	21 659,197	300 827,164	13,889	13,419
22	12	98 858	20 138,368	279 167,967	13,862	13,392
23	13	98 805	18 723,396	259 029,600	13,835	13,364
24	14	98 755	17 408,339	240 306,204	13,804	13,334
25	15	98 699	16 184,622	222 897,864	13,772	13,302
26	16	98 644	15 047,038	206 713,242	13,738	13,268
27	17	98 584	13 988,762	191 666,204	13,701	13,231
28	18	98 525	13 005,021	177 677,442	13,662	13,192
29	19	98 458	12 089,446	164 672,421	13,621	13,151
30	20	98 390	11 238,165	152 582,975	13,577	13,107
31	21	98 316	10 446,307	141 344,810	13,531	13,060
32	22	98 239	9 709,908	130 898,503	13,481	13,011
33	23	98 161	9 025,277	121 188,595	13,428	12,957
34	24	98 072	8 387,954	112 163,318	13,372	12,902
35	25	97 979	7 795,340	103 775,365	13,312	12,842
36	26	97 881	7 244,283	95 980,025	13,249	12,779
37	27	97 779	6 731,809	88 735,742	13,182	12,711
38	28	97 662	6 254,666	82 003,932	13,111	12,641
39	29	97 535	5 810,712	75 749,266	13,036	12,566
40	30	97 401	5 397,895	69 938,554	12,957	12,486
41	31	97 250	5 013,492	64 540,659	12,873	12,403
42	32	97 089	4 656,031	59 527,166	12,785	12,315
43	33	96 916	4 323,470	54 871,135	12,691	12,221
44	34	96 732	4 014,193	50 547,666	12,592	12,122
45	35	96 519	3 725,905	46 533,473	12,489	12,019
46	36	96 290	3 457,744	42 807,568	12,380	11,910
47	37	96 036	3 208,025	39 349,824	12,266	11,796
48	38	95 763	2 975,730	36 141,798	12,146	11,675
49	39	95 452	2 759,105	33 166,068	12,021	11,550
50	40	95 111	2 557,445	30 406,964	11,890	11,419
51	41	94 730	2 369,484	27 849,519	11,753	11,283
52	42	94 309	2 194,386	25 480,035	11,611	11,141
53	43	93 844	2 031,223	23 285,649	11,464	10,994
54	44	93 318	1 878,926	21 254,426	11,312	10,842
55	45	92 732	1 736,859	19 375,499	11,155	10,685
56	46	92 078	1 604,279	17 638,640	10,995	10,524
57	47	91 360	1 480,717	16 034,361	10,829	10,358
58	48	90 566	1 365,438	14 553,643	10,659	10,188
59	49	89 684	1 257,807	13 188,205	10,485	10,015
60	50	88 727	1 157,569	11 930,398	10,306	9,836
61	51	87 692	1 064,246	10 772,829	10,123	9,652
62	52	86 557	977,185	9 708,584	9,935	9,465
63	53	85 324	896,059	8 731,399	9,744	9,274
64	54	84 000	820,613	7 835,340	9,548	9,078
65	55	82 564	750,307	7 014,727	9,349	8,879
66	56	81 027	684,967	6 264,420	9,146	8,675
67	57	79 396	624,356	5 579,453	8,936	8,466
68	58	77 661	568,106	4 955,097	8,722	8,252
69	59	75 841	516,080	4 386,991	8,501	8,030
70	60	73 891	467,734	3 870,910	8,276	7,806
71	61	71 862	423,153	3 403,177	8,042	7,572
72	62	69 693	381,749	2 980,024	7,806	7,336
73	63	67 451	343,695	2 598,275	7,560	7,090
74	64	65 070	308,430	2 254,580	7,310	6,840
75	65	62 577	275,916	1 946,150	7,053	6,583
76	66	59 991	246,059	1 670,234	6,788	6,318
77	67	57 254	218,453	1 424,175	6,519	6,049
78	68	54 404	193,094	1 205,722	6,244	5,774
79	69	51 386	169,660	1 012,628	5,969	5,498
80	70	48 229	148,127	842,968	5,691	5,221
81	71	44 935	128,380	694,841	5,412	4,942
82	72	41 459	110,186	566,462	5,141	4,671
83	73	37 877	93,643	456,276	4,872	4,402
84	74	34 221	78,700	362,632	4,608	4,137
85	75	30 518	65,289	283,932	4,349	3,879
86	76	26 798	53,330	218,644	4,100	3,630
87	77	23 134	42,826	165,314	3,860	3,390
88	78	19 600	33,753	122,487	3,629	3,159
89	79	16 227	25,995	88,735	3,414	2,943
90	80	13 122	19,555	62,740	3,208	2,738
91	81	10 348	14,345	43,185	3,010	2,540
92	82	7 934	10,231	28,840	2,819	2,348
93	83	5 843	7,009	18,609	2,655	2,185
94	84	4 170	4,653	11,600	2,493	2,023
95	85	2 846	2,954	6,947	2,352	1,882
96	86	1 866	1,802	3,994	2,216	1,746
97	87	1 154	1,037	2,192	2,114	1,643
98	88	689	0,576	1,155	2,005	1,535
99	89	390	0,303	0,579	1,908	1,438
100	90	209	0,151	0,275	1,820	1,350

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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10						
11	0	99 527	44 920,935	631 238,823	14,052	13,582
12	1	99 220	41 658,107	586 317,889	14,075	13,604
13	2	99 189	38 739,453	544 659,781	14,060	13,589
14	3	99 167	36 028,769	505 920,328	14,042	13,572
15	4	99 143	33 507,131	469 891,560	14,024	13,553
16	5	99 118	31 161,459	436 384,429	14,004	13,534
17	6	99 085	28 977,649	405 222,970	13,984	13,514
18	7	99 049	26 946,162	376 245,321	13,963	13,493
19	8	99 006	25 055,429	349 299,159	13,941	13,471
20	9	98 960	23 296,483	324 243,730	13,918	13,448
21	10	98 911	21 660,464	300 947,247	13,894	13,424
22	11	98 865	20 139,925	279 286,783	13,867	13,397
23	12	98 813	18 724,867	259 146,858	13,840	13,369
24	13	98 765	17 409,980	240 421,992	13,809	13,339
25	14	98 708	16 186,114	223 012,012	13,778	13,308
26	15	98 656	15 048,869	206 825,897	13,744	13,273
27	16	98 599	13 990,822	191 777,028	13,707	13,237
28	17	98 539	13 006,792	177 786,206	13,669	13,198
29	18	98 478	12 091,828	164 779,414	13,627	13,157
30	19	98 407	11 240,130	152 687,586	13,584	13,114
31	20	98 334	10 448,238	141 447,456	13,538	13,068
32	21	98 256	9 711,510	130 999,218	13,489	13,019
33	22	98 177	9 026,746	121 287,708	13,436	12,966
34	23	98 089	8 389,463	112 260,962	13,381	12,911
35	24	97 996	7 796,743	103 871,498	13,322	12,852
36	25	97 900	7 245,662	96 074,755	13,260	12,789
37	26	97 797	6 733,076	88 829,094	13,193	12,723
38	27	97 683	6 256,012	82 096,017	13,123	12,652
39	28	97 558	5 812,082	75 840,005	13,049	12,578
40	29	97 426	5 399,292	70 027,923	12,970	12,500
41	30	97 280	5 015,083	64 628,631	12,887	12,417
42	31	97 120	4 657,493	59 613,548	12,799	12,329
43	32	96 949	4 324,951	54 956,055	12,707	12,236
44	33	96 767	4 015,640	50 631,103	12,608	12,138
45	34	96 558	3 727,419	46 615,464	12,506	12,036
46	35	96 330	3 459,170	42 888,045	12,398	11,928
47	36	96 080	3 209,497	39 428,875	12,285	11,815
48	37	95 809	2 977,143	36 219,378	12,166	11,696
49	38	95 509	2 760,770	33 242,235	12,041	11,571
50	39	95 168	2 558,983	30 481,465	11,912	11,441
51	40	94 795	2 371,110	27 922,482	11,776	11,306
52	41	94 379	2 196,011	25 551,372	11,635	11,165
53	42	93 918	2 032,837	23 355,360	11,489	11,019
54	43	93 403	1 880,634	21 322,524	11,338	10,868
55	44	92 822	1 738,547	19 441,889	11,183	10,713
56	45	92 184	1 606,130	17 703,343	11,022	10,552
57	46	91 471	1 482,522	16 097,213	10,858	10,388
58	47	90 690	1 367,312	14 614,690	10,689	10,218
59	48	89 827	1 259,815	13 247,379	10,515	10,045
60	49	88 882	1 159,596	11 987,564	10,338	9,867
61	50	87 854	1 066,222	10 827,968	10,155	9,685
62	51	86 743	979,283	9 761,746	9,968	9,498
63	52	85 523	898,154	8 782,463	9,778	9,308
64	53	84 216	822,725	7 884,309	9,583	9,113
65	54	82 803	752,481	7 061,583	9,384	8,914
66	55	81 291	687,197	6 309,102	9,181	8,711
67	56	79 681	626,597	5 621,905	8,972	8,502
68	57	77 967	570,344	4 995,308	8,758	8,288
69	58	76 172	518,335	4 424,963	8,537	8,067
70	59	74 240	469,945	3 906,629	8,313	7,843
71	60	72 243	425,397	3 436,683	8,079	7,608
72	61	70 091	383,932	3 011,286	7,843	7,373
73	62	67 868	345,817	2 627,355	7,598	7,127
74	63	65 513	310,526	2 281,538	7,347	6,877
75	64	63 048	277,993	1 971,012	7,090	6,620
76	65	60 473	248,036	1 693,019	6,826	6,355
77	66	57 761	220,384	1 444,983	6,557	6,086
78	67	54 924	194,942	1 224,599	6,282	5,812
79	68	51 930	171,455	1 029,657	6,005	5,535
80	69	48 793	149,858	858,202	5,727	5,256
81	70	45 508	130,018	708,344	5,448	4,978
82	71	42 035	111,716	578,326	5,177	4,706
83	72	38 447	95,051	466,609	4,909	4,439
84	73	34 792	80,014	371,558	4,644	4,173
85	74	31 072	66,475	291,544	4,386	3,916
86	75	27 323	54,376	225,070	4,139	3,669
87	76	23 644	43,770	170,694	3,900	3,430
88	77	20 078	34,575	126,924	3,671	3,201
89	78	16 685	26,729	92,348	3,455	2,985
90	79	13 548	20,189	65,619	3,250	2,780
91	80	10 740	14,888	45,431	3,052	2,581
92	81	8 288	10,688	30,543	2,858	2,388
93	82	6 146	7,373	19,855	2,693	2,223
94	83	4 420	4,933	12,483	2,531	2,060
95	84	3 044	3,160	7,550	2,390	1,919
96	85	2 020	1,950	4,391	2,251	1,781
97	86	1 265	1,136	2,440	2,148	1,678
98	87	766	0,640	1,304	2,038	1,568
99	88	441	0,342	0,664	1,940	1,470
100	89	240	0,174	0,322	1,852	1,382

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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12	0	99 520	41 783,682	586 581,962	14,039	13,568
13	1	99 214	38 749,060	544 798,280	14,060	13,589
14	2	99 179	36 033,245	506 049,220	14,044	13,574
15	3	99 154	33 510,587	470 015,975	14,026	13,556
16	4	99 128	31 164,441	436 505,388	14,007	13,536
17	5	99 094	28 980,230	405 340,947	13,987	13,517
18	6	99 058	26 948,546	376 360,717	13,966	13,496
19	7	99 011	25 056,593	349 412,171	13,945	13,475
20	8	98 967	23 298,107	324 355,578	13,922	13,452
21	9	98 917	21 661,789	301 057,471	13,898	13,428
22	10	98 871	20 141,103	279 395,682	13,872	13,402
23	11	98 820	18 726,315	259 254,579	13,844	13,374
24	12	98 772	17 411,347	240 528,265	13,814	13,344
25	13	98 718	16 187,639	223 116,918	13,783	13,313
26	14	98 665	15 050,257	206 929,278	13,749	13,279
27	15	98 611	13 992,524	191 879,022	13,713	13,243
28	16	98 553	13 008,708	177 886,497	13,674	13,204
29	17	98 491	12 093,475	164 877,790	13,634	13,163
30	18	98 426	11 242,345	152 784,314	13,590	13,120
31	19	98 352	10 450,065	141 541,970	13,545	13,074
32	20	98 274	9 713,306	131 091,905	13,496	13,026
33	21	98 193	9 028,235	121 378,599	13,444	12,974
34	22	98 105	8 390,829	112 350,364	13,390	12,919
35	23	98 014	7 798,146	103 959,535	13,331	12,861
36	24	97 918	7 246,966	96 161,388	13,269	12,799
37	25	97 816	6 734,357	88 914,423	13,203	12,733
38	26	97 701	6 257,190	82 180,066	13,134	12,663
39	27	97 579	5 813,333	75 922,876	13,060	12,590
40	28	97 449	5 400,565	70 109,543	12,982	12,512
41	29	97 306	5 016,381	64 708,978	12,900	12,429
42	30	97 151	4 658,971	59 692,597	12,812	12,342
43	31	96 980	4 326,310	55 033,626	12,721	12,250
44	32	96 800	4 017,016	50 707,316	12,623	12,153
45	33	96 593	3 728,762	46 690,300	12,522	12,051
46	34	96 369	3 460,575	42 961,538	12,415	11,944
47	35	96 120	3 210,820	39 500,963	12,302	11,832
48	36	95 853	2 978,509	36 290,143	12,184	11,714
49	37	95 555	2 762,081	33 311,634	12,060	11,590
50	38	95 225	2 560,528	30 549,553	11,931	11,461
51	39	94 852	2 372,536	27 989,025	11,797	11,327
52	40	94 444	2 197,518	25 616,489	11,657	11,187
53	41	93 988	2 034,343	23 418,971	11,512	11,042
54	42	93 477	1 882,128	21 384,628	11,362	10,892
55	43	92 907	1 740,127	19 502,500	11,208	10,737
56	44	92 273	1 607,690	17 762,373	11,048	10,578
57	45	91 577	1 484,232	16 154,683	10,884	10,414
58	46	90 800	1 368,979	14 670,450	10,716	10,246
59	47	89 950	1 261,544	13 301,472	10,544	10,074
60	48	89 024	1 161,447	12 039,928	10,366	9,896
61	49	88 008	1 068,089	10 878,481	10,185	9,715
62	50	86 904	981,101	9 810,392	9,999	9,529
63	51	85 707	900,083	8 829,290	9,809	9,339
64	52	84 413	824,649	7 929,208	9,615	9,145
65	53	83 016	754,418	7 104,558	9,417	8,947
66	54	81 526	689,188	6 350,140	9,214	8,744
67	55	79 941	628,638	5 660,952	9,005	8,535
68	56	78 247	572,392	5 032,315	8,792	8,321
69	57	76 472	520,377	4 459,923	8,571	8,100
70	58	74 565	471,998	3 939,546	8,347	7,876
71	59	72 585	427,409	3 467,548	8,113	7,643
72	60	70 463	385,968	3 040,139	7,877	7,406
73	61	68 256	347,794	2 654,171	7,631	7,161
74	62	65 917	312,443	2 306,377	7,382	6,911
75	63	63 476	279,882	1 993,935	7,124	6,654
76	64	60 928	249,904	1 714,053	6,859	6,389
77	65	58 225	222,154	1 464,149	6,591	6,120
78	66	55 410	196,665	1 241,994	6,315	5,845
79	67	52 427	173,096	1 045,329	6,039	5,569
80	68	49 309	151,443	872,233	5,759	5,289
81	69	46 040	131,538	720,790	5,480	5,009
82	70	42 571	113,142	589,252	5,208	4,738
83	71	38 981	96,372	476,110	4,940	4,470
84	72	35 315	81,217	379,738	4,676	4,205
85	73	31 591	67,584	298,522	4,417	3,947
86	74	27 820	55,364	230,937	4,171	3,701
87	75	24 107	44,628	175,574	3,934	3,464
88	76	20 520	35,338	130,945	3,706	3,235
89	77	17 092	27,380	95,608	3,492	3,022
90	78	13 930	20,759	68,227	3,287	2,816
91	79	11 088	15,371	47,469	3,088	2,618
92	80	8 602	11,092	32,098	2,894	2,424
93	81	6 420	7,701	21,006	2,728	2,257
94	82	4 650	5,189	13,305	2,564	2,094
95	83	3 227	3,349	8,116	2,423	1,953
96	84	2 161	2,086	4,767	2,285	1,814
97	85	1 369	1,229	2,680	2,180	1,710
98	86	839	0,701	1,451	2,070	1,599
99	87	489	0,380	0,750	1,971	1,500
100	88	271	0,196	0,369	1,882	1,411

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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13	0	99 513	38 865,865	545 041,343	14,024	13,553
14	1	99 204	36 042,181	506 175,478	14,044	13,574
15	2	99 166	33 514,750	470 133,297	14,028	13,557
16	3	99 138	31 167,655	436 618,547	14,009	13,538
17	4	99 103	28 983,004	405 450,891	13,989	13,519
18	5	99 066	26 950,947	376 467,888	13,969	13,498
19	6	99 020	25 058,809	349 516,941	13,948	13,478
20	7	98 971	23 299,189	324 458,131	13,926	13,455
21	8	98 924	21 663,299	301 158,942	13,902	13,432
22	9	98 877	20 142,335	279 495,644	13,876	13,406
23	10	98 826	18 727,410	259 353,308	13,849	13,379
24	11	98 780	17 412,693	240 625,898	13,819	13,349
25	12	98 725	16 188,911	223 213,205	13,788	13,318
26	13	98 674	15 051,675	207 024,294	13,754	13,284
27	14	98 620	13 993,815	191 972,619	13,718	13,248
28	15	98 565	13 010,291	177 978,805	13,680	13,210
29	16	98 506	12 095,256	164 968,514	13,639	13,169
30	17	98 440	11 243,876	152 873,258	13,596	13,126
31	18	98 371	10 452,124	141 629,382	13,550	13,080
32	19	98 291	9 715,004	131 177,258	13,503	13,032
33	20	98 212	9 029,904	121 462,255	13,451	12,981
34	21	98 122	8 392,213	112 432,350	13,397	12,927
35	22	98 030	7 799,416	104 040,137	13,339	12,869
36	23	97 935	7 248,270	96 240,721	13,278	12,807
37	24	97 833	6 735,569	88 992,451	13,212	12,742
38	25	97 720	6 258,380	82 256,881	13,143	12,673
39	26	97 597	5 814,427	75 998,501	13,071	12,600
40	27	97 470	5 401,727	70 184,074	12,993	12,523
41	28	97 328	5 017,563	64 782,347	12,911	12,441
42	29	97 176	4 660,177	59 764,783	12,825	12,354
43	30	97 011	4 327,682	55 104,606	12,733	12,263
44	31	96 831	4 018,278	50 776,924	12,636	12,166
45	32	96 626	3 730,040	46 758,646	12,536	12,065
46	33	96 404	3 461,822	43 028,606	12,429	11,959
47	34	96 159	3 212,124	39 566,784	12,318	11,848
48	35	95 892	2 979,737	36 354,660	12,201	11,730
49	36	95 598	2 763,348	33 374,923	12,078	11,607
50	37	95 271	2 561,744	30 611,575	11,950	11,479
51	38	94 909	2 373,968	28 049,831	11,816	11,345
52	39	94 500	2 198,840	25 675,863	11,677	11,207
53	40	94 053	2 035,739	23 477,022	11,532	11,062
54	41	93 547	1 883,522	21 441,284	11,384	10,913
55	42	92 980	1 741,509	19 557,761	11,230	10,760
56	43	92 357	1 609,152	17 816,252	11,072	10,602
57	44	91 666	1 485,674	16 207,101	10,909	10,439
58	45	90 905	1 370,558	14 721,426	10,741	10,271
59	46	90 060	1 263,081	13 350,868	10,570	10,100
60	47	89 146	1 163,041	12 087,787	10,393	9,923
61	48	88 149	1 069,794	10 924,746	10,212	9,742
62	49	87 056	982,819	9 854,952	10,027	9,557
63	50	85 866	901,754	8 872,132	9,839	9,368
64	51	84 595	826,420	7 970,378	9,644	9,174
65	52	83 210	756,182	7 143,958	9,447	8,977
66	53	81 736	690,962	6 387,776	9,245	8,774
67	54	80 172	630,459	5 696,814	9,036	8,566
68	55	78 502	574,255	5 066,355	8,822	8,352
69	56	76 746	522,245	4 492,100	8,602	8,131
70	57	74 858	473,858	3 969,855	8,378	7,907
71	58	72 902	429,276	3 495,997	8,144	7,674
72	59	70 796	387,793	3 066,722	7,908	7,438
73	60	68 618	349,639	2 678,928	7,662	7,192
74	61	66 294	314,229	2 329,290	7,413	6,942
75	62	63 868	281,610	2 015,060	7,156	6,685
76	63	61 342	251,602	1 733,451	6,890	6,419
77	64	58 663	223,827	1 481,849	6,621	6,150
78	65	55 855	198,245	1 258,022	6,346	5,876
79	66	52 890	174,626	1 059,777	6,069	5,599
80	67	49 781	152,893	885,151	5,789	5,319
81	68	46 527	132,929	732,257	5,509	5,038
82	69	43 069	114,465	599,329	5,236	4,766
83	70	39 478	97,601	484,864	4,968	4,498
84	71	35 805	82,345	387,263	4,703	4,233
85	72	32 066	68,600	304,917	4,445	3,975
86	73	28 284	56,288	236,317	4,198	3,728
87	74	24 545	45,439	180,029	3,962	3,492
88	75	20 923	36,030	134,590	3,735	3,265
89	76	17 469	27,984	98,560	3,522	3,052
90	77	14 270	21,265	70,576	3,319	2,849
91	78	11 401	15,804	49,311	3,120	2,650
92	79	8 881	11,452	33,507	2,926	2,456
93	80	6 663	7,993	22,055	2,759	2,289
94	81	4 857	5,420	14,062	2,594	2,124
95	82	3 395	3,523	8,642	2,453	1,982
96	83	2 291	2,212	5,119	2,314	1,844
97	84	1 464	1,315	2,907	2,210	1,740
98	85	908	0,759	1,592	2,098	1,628
99	86	536	0,417	0,833	1,999	1,529
100	87	302	0,218	0,416	1,909	1,439

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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13						
14	0	99 503	36 150,827	506 399,207	14,008	13,538
15	1	99 191	33 523,062	470 248,380	14,028	13,557
16	2	99 150	31 171,528	436 725,318	14,010	13,540
17	3	99 113	28 985,993	405 553,791	13,991	13,521
18	4	99 076	26 953,526	376 567,798	13,971	13,501
19	5	99 028	25 061,042	349 614,272	13,951	13,480
20	6	98 980	23 301,250	324 553,230	13,929	13,458
21	7	98 929	21 664,305	301 251,980	13,905	13,435
22	8	98 884	20 143,739	279 587,675	13,880	13,409
23	9	98 832	18 728,556	259 443,936	13,853	13,383
24	10	98 786	17 413,712	240 715,380	13,823	13,353
25	11	98 733	16 190,163	223 301,668	13,792	13,322
26	12	98 682	15 052,857	207 111,505	13,759	13,289
27	13	98 629	13 995,133	192 058,648	13,723	13,253
28	14	98 574	13 011,490	178 063,515	13,685	13,215
29	15	98 517	12 096,728	165 052,025	13,644	13,174
30	16	98 454	11 245,532	152 955,297	13,601	13,131
31	17	98 384	10 453,548	141 709,765	13,556	13,086
32	18	98 310	9 716,918	131 256,218	13,508	13,038
33	19	98 229	9 031,483	121 539,300	13,457	12,987
34	20	98 140	8 393,765	112 507,817	13,404	12,933
35	21	98 046	7 800,702	104 114,052	13,347	12,876
36	22	97 951	7 249,450	96 313,349	13,286	12,815
37	23	97 851	6 736,782	89 063,899	13,221	12,750
38	24	97 738	6 259,507	82 327,117	13,152	12,682
39	25	97 616	5 815,533	76 067,611	13,080	12,610
40	26	97 488	5 402,744	70 252,077	13,003	12,533
41	27	97 349	5 018,643	64 849,333	12,922	12,451
42	28	97 199	4 661,275	59 830,690	12,836	12,365
43	29	97 036	4 328,802	55 169,415	12,745	12,274
44	30	96 861	4 019,552	50 840,612	12,648	12,178
45	31	96 656	3 731,212	46 821,060	12,548	12,078
46	32	96 437	3 463,009	43 089,848	12,443	11,973
47	33	96 194	3 213,282	39 626,839	12,332	11,862
48	34	95 931	2 980,947	36 413,557	12,215	11,745
49	35	95 638	2 764,488	33 432,610	12,094	11,623
50	36	95 314	2 562,919	30 668,122	11,966	11,496
51	37	94 954	2 375,096	28 105,204	11,833	11,363
52	38	94 557	2 200,167	25 730,108	11,695	11,224
53	39	94 109	2 036,963	23 529,941	11,551	11,081
54	40	93 611	1 884,815	21 492,977	11,403	10,933
55	41	93 049	1 742,799	19 608,163	11,251	10,781
56	42	92 431	1 610,430	17 865,363	11,094	10,623
57	43	91 749	1 487,025	16 254,933	10,931	10,461
58	44	90 993	1 371,889	14 767,909	10,765	10,294
59	45	90 164	1 264,539	13 396,019	10,594	10,123
60	46	89 255	1 164,459	12 131,481	10,418	9,948
61	47	88 270	1 071,262	10 967,022	10,237	9,767
62	48	87 195	984,388	9 895,760	10,053	9,582
63	49	86 016	903,333	8 911,371	9,865	9,395
64	50	84 752	827,954	8 008,038	9,672	9,202
65	51	83 389	757,806	7 180,084	9,475	9,005
66	52	81 927	692,578	6 422,278	9,273	8,803
67	53	80 379	632,082	5 729,700	9,065	8,595
68	54	78 729	575,919	5 097,618	8,851	8,381
69	55	76 996	523,945	4 521,699	8,630	8,160
70	56	75 127	475,559	3 997,754	8,406	7,936
71	57	73 189	430,967	3 522,195	8,173	7,702
72	58	71 105	389,487	3 091,228	7,937	7,466
73	59	68 942	351,292	2 701,741	7,691	7,221
74	60	66 645	315,896	2 350,449	7,441	6,970
75	61	64 233	283,220	2 034,553	7,184	6,713
76	62	61 720	253,155	1 751,333	6,918	6,448
77	63	59 062	225,348	1 498,178	6,648	6,178
78	64	56 276	199,738	1 272,831	6,373	5,902
79	65	53 315	176,029	1 073,093	6,096	5,626
80	66	50 221	154,245	897,064	5,816	5,346
81	67	46 972	134,201	742,819	5,535	5,065
82	68	43 525	115,675	608,617	5,261	4,791
83	69	39 940	98,742	492,942	4,992	4,522
84	70	36 262	83,396	394,200	4,727	4,257
85	71	32 512	69,553	310,804	4,469	3,998
86	72	28 709	57,134	241,251	4,223	3,752
87	73	24 955	46,197	184,117	3,985	3,515
88	74	21 303	36,685	137,919	3,760	3,289
89	75	17 811	28,533	101,234	3,548	3,078
90	76	14 584	21,733	72,701	3,345	2,875
91	77	11 679	16,190	50,968	3,148	2,678
92	78	9 131	11,775	34,778	2,954	2,483
93	79	6 879	8,252	23,003	2,788	2,317
94	80	5 041	5,625	14,752	2,622	2,152
95	81	3 546	3,681	9,126	2,480	2,009
96	82	2 410	2,327	5,446	2,341	1,870
97	83	1 552	1,394	3,119	2,237	1,767
98	84	971	0,812	1,725	2,125	1,655
99	85	580	0,451	0,913	2,025	1,554
100	86	330	0,239	0,462	1,935	1,464

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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15	0	99 490	33 624,114	470 454,316	13,992	13,521
16	1	99 175	31 179,258	436 830,202	14,010	13,540
17	2	99 126	28 989,594	405 650,943	13,993	13,523
18	3	99 086	26 956,306	376 661,349	13,973	13,503
19	4	99 038	25 063,440	349 705,043	13,953	13,483
20	5	98 989	23 303,326	324 641,603	13,931	13,461
21	6	98 937	21 666,222	301 338,277	13,908	13,438
22	7	98 889	20 144,675	279 672,056	13,883	13,413
23	8	98 839	18 729,861	259 527,381	13,856	13,386
24	9	98 792	17 414,777	240 797,520	13,827	13,357
25	10	98 739	16 191,110	223 382,743	13,797	13,326
26	11	98 690	15 054,021	207 191,633	13,763	13,293
27	12	98 637	13 996,232	192 137,612	13,728	13,258
28	13	98 584	13 012,716	178 141,379	13,690	13,220
29	14	98 527	12 097,843	165 128,663	13,649	13,179
30	15	98 466	11 246,900	153 030,820	13,606	13,136
31	16	98 399	10 455,087	141 783,920	13,561	13,091
32	17	98 324	9 718,241	131 328,833	13,514	13,043
33	18	98 248	9 033,263	121 610,592	13,463	12,992
34	19	98 157	8 395,233	112 577,329	13,410	12,939
35	20	98 064	7 802,145	104 182,096	13,353	12,883
36	21	97 967	7 250,646	96 379,951	13,293	12,822
37	22	97 867	6 737,879	89 129,306	13,228	12,758
38	23	97 755	6 260,633	82 391,427	13,160	12,690
39	24	97 633	5 816,580	76 130,794	13,089	12,618
40	25	97 507	5 403,772	70 314,214	13,012	12,542
41	26	97 368	5 019,588	64 910,442	12,931	12,461
42	27	97 220	4 662,278	59 890,854	12,846	12,376
43	28	97 059	4 329,823	55 228,575	12,755	12,285
44	29	96 886	4 020,593	50 898,752	12,660	12,189
45	30	96 687	3 732,396	46 878,160	12,560	12,090
46	31	96 467	3 464,096	43 145,764	12,455	11,985
47	32	96 227	3 214,383	39 681,668	12,345	11,875
48	33	95 966	2 982,022	36 467,284	12,229	11,759
49	34	95 677	2 765,610	33 485,263	12,108	11,637
50	35	95 354	2 563,975	30 719,652	11,981	11,511
51	36	94 997	2 376,185	28 155,677	11,849	11,379
52	37	94 602	2 201,212	25 779,492	11,711	11,241
53	38	94 166	2 038,193	23 578,279	11,568	11,098
54	39	93 667	1 885,949	21 540,087	11,421	10,951
55	40	93 113	1 743,995	19 654,138	11,270	10,799
56	41	92 499	1 611,623	17 910,143	11,113	10,643
57	42	91 822	1 488,206	16 298,520	10,952	10,482
58	43	91 076	1 373,136	14 810,314	10,786	10,315
59	44	90 251	1 265,767	13 437,178	10,616	10,146
60	45	89 358	1 165,802	12 171,411	10,440	9,970
61	46	88 377	1 072,568	11 005,609	10,261	9,791
62	47	87 315	985,739	9 933,041	10,077	9,606
63	48	86 154	904,775	8 947,301	9,889	9,419
64	49	84 900	829,404	8 042,526	9,697	9,226
65	50	83 544	759,213	7 213,122	9,501	9,031
66	51	82 103	694,065	6 453,909	9,299	8,828
67	52	80 567	633,560	5 759,844	9,091	8,621
68	53	78 932	577,402	5 126,284	8,878	8,408
69	54	77 219	525,463	4 548,882	8,657	8,187
70	55	75 372	477,107	4 023,419	8,433	7,963
71	56	73 452	432,514	3 546,312	8,199	7,729
72	57	71 386	391,022	3 113,798	7,963	7,493
73	58	69 244	352,827	2 722,776	7,717	7,247
74	59	66 961	317,390	2 369,950	7,467	6,997
75	60	64 574	284,722	2 052,560	7,209	6,739
76	61	62 073	254,602	1 767,838	6,944	6,473
77	62	59 426	226,739	1 513,236	6,674	6,204
78	63	56 658	201,095	1 286,497	6,397	5,927
79	64	53 717	177,354	1 085,402	6,120	5,650
80	65	50 625	155,484	908,047	5,840	5,370
81	66	47 388	135,388	752,563	5,559	5,088
82	67	43 941	116,783	617,176	5,285	4,815
83	68	40 362	99,787	500,393	5,015	4,544
84	69	36 686	84,371	400,606	4,748	4,278
85	70	32 926	70,441	316,236	4,489	4,019
86	71	29 108	57,928	245,795	4,243	3,773
87	72	25 330	46,892	187,867	4,006	3,536
88	73	21 658	37,297	140,975	3,780	3,309
89	74	18 135	29,051	103,678	3,569	3,099
90	75	14 870	22,160	74,627	3,368	2,897
91	76	11 936	16,546	52,467	3,171	2,701
92	77	9 354	12,062	35,921	2,978	2,508
93	78	7 073	8,485	23,859	2,812	2,342
94	79	5 205	5,808	15,374	2,647	2,177
95	80	3 680	3,820	9,566	2,504	2,034
96	81	2 517	2,430	5,746	2,364	1,894
97	82	1 633	1,467	3,316	2,261	1,791
98	83	1 030	0,860	1,849	2,149	1,679
99	84	621	0,483	0,989	2,049	1,579
100	85	358	0,259	0,506	1,958	1,488

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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16	0	99 474	31 273,245	437 019,762	13,974	13,504
17	1	99 150	28 996,784	405 746,517	13,993	13,523
18	2	99 098	26 959,655	376 749,733	13,975	13,504
19	3	99 048	25 066,025	349 790,078	13,955	13,484
20	4	98 999	23 305,556	324 724,053	13,933	13,463
21	5	98 946	21 668,152	301 418,497	13,911	13,440
22	6	98 897	20 146,457	279 750,345	13,886	13,416
23	7	98 844	18 730,731	259 603,888	13,860	13,390
24	8	98 799	17 415,991	240 873,157	13,831	13,360
25	9	98 745	16 192,100	223 457,166	13,800	13,330
26	10	98 696	15 054,902	207 265,066	13,767	13,297
27	11	98 645	13 997,315	192 210,164	13,732	13,262
28	12	98 591	13 013,738	178 212,850	13,694	13,224
29	13	98 536	12 098,983	165 199,111	13,654	13,184
30	14	98 475	11 247,937	153 100,128	13,611	13,141
31	15	98 411	10 456,359	141 852,191	13,566	13,096
32	16	98 338	9 719,673	131 395,832	13,519	13,048
33	17	98 261	9 034,493	121 676,159	13,468	12,998
34	18	98 176	8 396,887	112 641,666	13,415	12,944
35	19	98 081	7 803,509	104 244,780	13,359	12,888
36	20	97 985	7 251,987	96 441,271	13,299	12,828
37	21	97 883	6 738,990	89 189,284	13,235	12,765
38	22	97 771	6 261,653	82 450,294	13,167	12,697
39	23	97 651	5 817,627	76 188,642	13,096	12,626
40	24	97 525	5 404,745	70 371,015	13,020	12,550
41	25	97 386	5 020,543	64 966,270	12,940	12,470
42	26	97 238	4 663,156	59 945,727	12,855	12,385
43	27	97 080	4 330,755	55 282,571	12,765	12,295
44	28	96 909	4 021,540	50 951,816	12,670	12,199
45	29	96 712	3 733,362	46 930,276	12,571	12,100
46	30	96 498	3 465,195	43 196,914	12,466	11,996
47	31	96 257	3 215,393	39 731,719	12,357	11,886
48	32	95 999	2 983,044	36 516,326	12,241	11,771
49	33	95 711	2 766,607	33 533,282	12,121	11,650
50	34	95 392	2 565,017	30 766,675	11,995	11,524
51	35	95 037	2 377,165	28 201,658	11,864	11,393
52	36	94 646	2 202,222	25 824,493	11,727	11,256
53	37	94 211	2 039,161	23 622,271	11,584	11,114
54	38	93 724	1 887,087	21 583,111	11,437	10,967
55	39	93 169	1 745,044	19 696,024	11,287	10,817
56	40	92 563	1 612,729	17 950,980	11,131	10,661
57	41	91 890	1 489,309	16 338,251	10,970	10,500
58	42	91 148	1 374,227	14 848,942	10,805	10,335
59	43	90 333	1 266,917	13 474,715	10,636	10,166
60	44	89 445	1 166,935	12 207,798	10,461	9,991
61	45	88 479	1 073,805	11 040,863	10,282	9,812
62	46	87 421	986,941	9 967,058	10,099	9,629
63	47	86 272	906,017	8 980,117	9,912	9,441
64	48	85 036	830,728	8 074,100	9,719	9,249
65	49	83 690	760,543	7 243,371	9,524	9,054
66	50	82 255	695,354	6 482,829	9,323	8,853
67	51	80 740	634,920	5 787,475	9,115	8,645
68	52	79 117	578,752	5 152,555	8,903	8,433
69	53	77 418	526,816	4 573,803	8,682	8,212
70	54	75 590	478,489	4 046,987	8,458	7,988
71	55	73 691	433,922	3 568,498	8,224	7,754
72	56	71 642	392,425	3 134,576	7,988	7,517
73	57	69 516	354,217	2 742,150	7,741	7,271
74	58	67 253	318,776	2 387,934	7,491	7,021
75	59	64 879	286,068	2 069,158	7,233	6,763
76	60	62 403	255,953	1 783,089	6,966	6,496
77	61	59 766	228,035	1 527,136	6,697	6,227
78	62	57 008	202,336	1 299,101	6,421	5,950
79	63	54 082	178,559	1 096,765	6,142	5,672
80	64	51 006	156,655	918,205	5,861	5,391
81	65	47 768	136,475	761,551	5,580	5,110
82	66	44 330	117,815	625,075	5,306	4,835
83	67	40 749	100,742	507,260	5,035	4,565
84	68	37 074	85,263	406,518	4,768	4,298
85	69	33 311	71,264	321,255	4,508	4,038
86	70	29 480	58,667	249,991	4,261	3,791
87	71	25 682	47,544	191,324	4,024	3,554
88	72	21 984	37,858	143,781	3,798	3,328
89	73	18 438	29,536	105,922	3,586	3,116
90	74	15 141	22,562	76,387	3,386	2,915
91	75	12 171	16,871	53,824	3,190	2,720
92	76	9 560	12,328	36,954	2,998	2,527
93	77	7 246	8,692	24,626	2,833	2,363
94	78	5 352	5,972	15,934	2,668	2,198
95	79	3 799	3,944	9,963	2,526	2,056
96	80	2 612	2,522	6,019	2,386	1,916
97	81	1 706	1,532	3,496	2,282	1,812
98	82	1 083	0,905	1,964	2,170	1,700
99	83	658	0,512	1,059	2,071	1,600
100	84	383	0,277	0,548	1,980	1,510

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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17	0	99 449	29 084,191	405 921,001	13,957	13,486
18	1	99 123	26 966,341	376 836,810	13,974	13,504
19	2	99 060	25 069,139	349 870,468	13,956	13,486
20	3	99 009	23 307,960	324 801,329	13,935	13,465
21	4	98 956	21 670,225	301 493,369	13,913	13,443
22	5	98 906	20 148,252	279 823,144	13,888	13,418
23	6	98 853	18 732,388	259 674,892	13,862	13,392
24	7	98 803	17 416,800	240 942,504	13,834	13,364
25	8	98 752	16 193,229	223 525,704	13,804	13,333
26	9	98 702	15 055,823	207 332,475	13,771	13,301
27	10	98 650	13 998,134	192 276,653	13,736	13,266
28	11	98 599	13 014,745	178 278,519	13,698	13,228
29	12	98 544	12 099,933	165 263,775	13,658	13,188
30	13	98 484	11 248,997	153 163,841	13,616	13,145
31	14	98 420	10 457,323	141 914,844	13,571	13,101
32	15	98 350	9 720,855	131 457,521	13,523	13,053
33	16	98 276	9 035,823	121 736,666	13,473	13,002
34	17	98 190	8 398,030	112 700,842	13,420	12,950
35	18	98 101	7 805,047	104 302,812	13,364	12,893
36	19	98 003	7 253,254	96 497,765	13,304	12,834
37	20	97 901	6 740,236	89 244,511	13,241	12,770
38	21	97 787	6 262,685	82 504,275	13,174	12,704
39	22	97 667	5 818,574	76 241,589	13,103	12,633
40	23	97 542	5 405,717	70 423,015	13,028	12,557
41	24	97 404	5 021,446	65 017,298	12,948	12,478
42	25	97 256	4 664,043	59 995,851	12,863	12,393
43	26	97 098	4 331,570	55 331,808	12,774	12,304
44	27	96 930	4 022,406	51 000,238	12,679	12,209
45	28	96 735	3 734,242	46 977,832	12,580	12,110
46	29	96 523	3 466,092	43 243,591	12,476	12,006
47	30	96 287	3 216,413	39 777,498	12,367	11,897
48	31	96 029	2 983,981	36 561,085	12,252	11,782
49	32	95 744	2 767,556	33 577,105	12,132	11,662
50	33	95 427	2 565,941	30 809,549	12,007	11,537
51	34	95 075	2 378,130	28 243,608	11,876	11,406
52	35	94 685	2 203,130	25 865,477	11,740	11,270
53	36	94 254	2 040,096	23 662,347	11,599	11,128
54	37	93 768	1 887,983	21 622,251	11,453	10,982
55	38	93 225	1 746,097	19 734,268	11,302	10,832
56	39	92 618	1 613,699	17 988,171	11,147	10,677
57	40	91 953	1 490,330	16 374,472	10,987	10,517
58	41	91 216	1 375,245	14 884,141	10,823	10,353
59	42	90 405	1 267,924	13 508,896	10,654	10,184
60	43	89 526	1 167,995	12 240,972	10,480	10,010
61	44	88 565	1 074,849	11 072,977	10,302	9,832
62	45	87 522	988,079	9 998,129	10,119	9,648
63	46	86 377	907,121	9 010,049	9,933	9,462
64	47	85 152	831,868	8 102,928	9,741	9,270
65	48	83 824	761,757	7 271,060	9,545	9,075
66	49	82 399	696,571	6 509,303	9,345	8,874
67	50	80 889	636,099	5 812,731	9,138	8,668
68	51	79 287	579,995	5 176,632	8,925	8,455
69	52	77 599	528,048	4 596,638	8,705	8,235
70	53	75 785	479,721	4 068,590	8,481	8,011
71	54	73 904	435,179	3 588,869	8,247	7,777
72	55	71 875	393,703	3 153,689	8,010	7,540
73	56	69 766	355,488	2 759,987	7,764	7,294
74	57	67 518	320,032	2 404,498	7,513	7,043
75	58	65 163	287,318	2 084,466	7,255	6,785
76	59	62 698	257,163	1 797,148	6,988	6,518
77	60	60 083	229,245	1 539,985	6,718	6,247
78	61	57 334	203,493	1 310,740	6,441	5,971
79	62	54 416	179,662	1 107,247	6,163	5,693
80	63	51 352	157,719	927,585	5,881	5,411
81	64	48 128	137,503	769,866	5,599	5,129
82	65	44 686	118,761	632,363	5,325	4,854
83	66	41 109	101,633	513,602	5,054	4,583
84	67	37 429	86,079	411,969	4,786	4,316
85	68	33 664	72,018	325,890	4,525	4,055
86	69	29 824	59,353	253,872	4,277	3,807
87	70	26 010	48,150	194,519	4,040	3,570
88	71	22 289	38,384	146,369	3,813	3,343
89	72	18 715	29,980	107,985	3,602	3,132
90	73	15 393	22,939	78,005	3,401	2,930
91	74	12 392	17,177	55,066	3,206	2,735
92	75	9 748	12,570	37,889	3,014	2,544
93	76	7 406	8,883	25,319	2,850	2,380
94	77	5 482	6,117	16,436	2,687	2,217
95	78	3 907	4,055	10,319	2,545	2,075
96	79	2 697	2,604	6,264	2,405	1,935
97	80	1 770	1,590	3,660	2,302	1,832
98	81	1 132	0,945	2,070	2,189	1,719
99	82	692	0,538	1,125	2,090	1,619
100	83	406	0,293	0,586	2,000	1,529

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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18	0	99 422	27 047,628	376 997,419	13,938	13,468
19	1	99 085	25 075,356	349 949,790	13,956	13,486
20	2	99 021	23 310,856	324 874,434	13,937	13,466
21	3	98 966	21 672,460	301 563,578	13,915	13,444
22	4	98 916	20 150,180	279 891,118	13,890	13,420
23	5	98 861	18 734,057	259 740,938	13,865	13,394
24	6	98 812	17 418,341	241 006,881	13,836	13,366
25	7	98 756	16 193,981	223 588,540	13,807	13,337
26	8	98 709	15 056,872	207 394,559	13,774	13,304
27	9	98 656	13 998,990	192 337,687	13,739	13,269
28	10	98 605	13 015,506	178 338,697	13,702	13,232
29	11	98 551	12 100,869	165 323,191	13,662	13,192
30	12	98 492	11 249,880	153 222,322	13,620	13,150
31	13	98 429	10 458,309	141 972,442	13,575	13,105
32	14	98 359	9 721,752	131 514,133	13,528	13,058
33	15	98 288	9 036,923	121 792,382	13,477	13,007
34	16	98 204	8 399,267	112 755,459	13,424	12,954
35	17	98 114	7 806,110	104 356,192	13,369	12,898
36	18	98 022	7 254,684	96 550,082	13,309	12,838
37	19	97 918	6 741,414	89 295,398	13,246	12,776
38	20	97 805	6 263,843	82 553,984	13,179	12,709
39	21	97 683	5 819,534	76 290,140	13,109	12,639
40	22	97 558	5 406,598	70 470,607	13,034	12,564
41	23	97 421	5 022,350	65 064,009	12,955	12,485
42	24	97 274	4 664,883	60 041,659	12,871	12,401
43	25	97 116	4 332,394	55 376,776	12,782	12,312
44	26	96 948	4 023,163	51 044,382	12,688	12,217
45	27	96 756	3 735,045	47 021,219	12,589	12,119
46	28	96 545	3 466,909	43 286,173	12,486	12,015
47	29	96 312	3 217,246	39 819,264	12,377	11,907
48	30	96 059	2 984,927	36 602,019	12,262	11,792
49	31	95 774	2 768,425	33 617,091	12,143	11,673
50	32	95 459	2 566,821	30 848,667	12,018	11,548
51	33	95 109	2 378,988	28 281,846	11,888	11,418
52	34	94 723	2 204,025	25 902,858	11,753	11,282
53	35	94 293	2 040,937	23 698,833	11,612	11,141
54	36	93 811	1 888,849	21 657,896	11,466	10,996
55	37	93 270	1 746,927	19 769,047	11,316	10,846
56	38	92 674	1 614,673	18 022,120	11,161	10,691
57	39	92 008	1 491,227	16 407,447	11,003	10,532
58	40	91 279	1 376,189	14 916,221	10,839	10,369
59	41	90 472	1 268,863	13 540,032	10,671	10,201
60	42	89 597	1 168,923	12 271,169	10,498	10,028
61	43	88 646	1 075,825	11 102,246	10,320	9,849
62	44	87 607	989,039	10 026,420	10,138	9,667
63	45	86 477	908,168	9 037,381	9,951	9,481
64	46	85 256	832,882	8 129,213	9,760	9,290
65	47	83 939	762,802	7 296,331	9,565	9,095
66	48	82 531	697,683	6 533,529	9,365	8,894
67	49	81 031	637,213	5 835,845	9,158	8,688
68	50	79 434	581,071	5 198,632	8,947	8,476
69	51	77 766	529,182	4 617,561	8,726	8,256
70	52	75 962	480,843	4 088,379	8,503	8,032
71	53	74 094	436,300	3 607,536	8,268	7,798
72	54	72 083	394,844	3 171,236	8,032	7,561
73	55	69 993	356,646	2 776,393	7,785	7,314
74	56	67 760	321,181	2 419,747	7,534	7,064
75	57	65 419	288,450	2 098,566	7,275	6,805
76	58	62 972	258,286	1 810,116	7,008	6,538
77	59	60 367	230,329	1 551,830	6,737	6,267
78	60	57 638	204,573	1 321,501	6,460	5,990
79	61	54 727	180,689	1 116,928	6,181	5,711
80	62	51 669	158,693	936,239	5,900	5,429
81	63	48 455	138,437	777,547	5,617	5,146
82	64	45 022	119,656	639,110	5,341	4,871
83	65	41 439	102,449	519,454	5,070	4,600
84	66	37 760	86,840	417,005	4,802	4,332
85	67	33 986	72,707	330,165	4,541	4,071
86	68	30 140	59,981	257,457	4,292	3,822
87	69	26 314	48,713	197,477	4,054	3,584
88	70	22 574	38,874	148,764	3,827	3,357
89	71	18 975	30,396	109,890	3,615	3,145
90	72	15 625	23,284	79,494	3,414	2,944
91	73	12 598	17,464	56,210	3,219	2,748
92	74	9 925	12,798	38,746	3,028	2,557
93	75	7 551	9,057	25,948	2,865	2,395
94	76	5 603	6,252	16,891	2,702	2,231
95	77	4 002	4,154	10,639	2,561	2,091
96	78	2 773	2,678	6,485	2,422	1,951
97	79	1 828	1,642	3,807	2,319	1,849
98	80	1 174	0,981	2,165	2,207	1,737
99	81	723	0,562	1,184	2,107	1,636
100	82	427	0,308	0,622	2,017	1,546

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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19	0	99 384	25 150,944	350 097,623	13,920	13,450
20	1	99 046	23 316,637	324 946,679	13,936	13,466
21	2	98 978	21 675,153	301 630,042	13,916	13,446
22	3	98 926	20 152,258	279 954,890	13,892	13,422
23	4	98 871	18 735,850	259 802,631	13,867	13,396
24	5	98 821	17 419,893	241 066,782	13,839	13,368
25	6	98 765	16 195,414	223 646,889	13,809	13,339
26	7	98 713	15 057,571	207 451,476	13,777	13,307
27	8	98 663	13 999,965	192 393,904	13,742	13,272
28	9	98 611	13 016,302	178 393,939	13,705	13,235
29	10	98 557	12 101,577	165 377,637	13,666	13,196
30	11	98 500	11 250,750	153 276,060	13,624	13,153
31	12	98 437	10 459,130	142 025,309	13,579	13,109
32	13	98 369	9 722,668	131 566,179	13,532	13,062
33	14	98 297	9 037,756	121 843,512	13,482	13,011
34	15	98 216	8 400,289	112 805,755	13,429	12,959
35	16	98 128	7 807,259	104 405,466	13,373	12,903
36	17	98 035	7 255,672	96 598,207	13,313	12,843
37	18	97 938	6 742,743	89 342,535	13,250	12,780
38	19	97 822	6 264,939	82 599,793	13,184	12,714
39	20	97 701	5 820,610	76 334,854	13,115	12,644
40	21	97 574	5 407,489	70 514,244	13,040	12,570
41	22	97 437	5 023,168	65 106,755	12,961	12,491
42	23	97 291	4 665,722	60 083,587	12,878	12,407
43	24	97 134	4 333,174	55 417,864	12,789	12,319
44	25	96 967	4 023,929	51 084,691	12,695	12,225
45	26	96 774	3 735,748	47 060,762	12,597	12,127
46	27	96 566	3 467,655	43 325,014	12,494	12,024
47	28	96 335	3 218,004	39 857,358	12,386	11,915
48	29	96 084	2 985,700	36 639,355	12,272	11,801
49	30	95 804	2 769,303	33 653,655	12,152	11,682
50	31	95 489	2 567,627	30 884,351	12,028	11,558
51	32	95 142	2 379,803	28 316,724	11,899	11,428
52	33	94 757	2 204,819	25 936,921	11,764	11,293
53	34	94 331	2 041,766	23 732,102	11,623	11,153
54	35	93 850	1 889,628	21 690,336	11,479	11,008
55	36	93 312	1 747,728	19 800,708	11,329	10,859
56	37	92 718	1 615,440	18 052,980	11,175	10,705
57	38	92 064	1 492,127	16 437,540	11,016	10,546
58	39	91 333	1 377,016	14 945,413	10,853	10,383
59	40	90 534	1 269,734	13 568,397	10,686	10,216
60	41	89 663	1 169,789	12 298,663	10,514	10,043
61	42	88 716	1 076,680	11 128,874	10,336	9,866
62	43	87 687	989,938	10 052,194	10,154	9,684
63	44	86 561	909,050	9 062,256	9,969	9,499
64	45	85 354	833,843	8 153,206	9,778	9,308
65	46	84 041	763,732	7 319,362	9,584	9,113
66	47	82 644	698,641	6 555,630	9,383	8,913
67	48	81 160	638,230	5 856,990	9,177	8,707
68	49	79 573	582,089	5 218,759	8,966	8,495
69	50	77 910	530,164	4 636,670	8,746	8,275
70	51	76 125	481,876	4 106,506	8,522	8,052
71	52	74 268	437,320	3 624,631	8,288	7,818
72	53	72 269	395,860	3 187,311	8,052	7,581
73	54	70 196	357,679	2 791,451	7,804	7,334
74	55	67 981	322,227	2 433,772	7,553	7,083
75	56	65 654	289,485	2 111,545	7,294	6,824
76	57	63 220	259,304	1 822,060	7,027	6,556
77	58	60 631	231,335	1 562,756	6,755	6,285
78	59	57 910	205,540	1 331,421	6,478	6,007
79	60	55 017	181,647	1 125,881	6,198	5,728
80	61	51 965	159,600	944,233	5,916	5,446
81	62	48 754	139,292	784,633	5,633	5,163
82	63	45 328	120,469	645,342	5,357	4,887
83	64	41 751	103,220	524,873	5,085	4,615
84	65	38 063	87,538	421,653	4,817	4,347
85	66	34 286	73,350	334,115	4,555	4,085
86	67	30 428	60,555	260,765	4,306	3,836
87	68	26 592	49,228	200,210	4,067	3,597
88	69	22 838	39,328	150,982	3,839	3,369
89	70	19 217	30,784	111,654	3,627	3,157
90	71	15 842	23,607	80,869	3,426	2,955
91	72	12 788	17,727	57,262	3,230	2,760
92	73	10 090	13,012	39,535	3,038	2,568
93	74	7 688	9,222	26,524	2,876	2,406
94	75	5 713	6,375	17,302	2,714	2,244
95	76	4 090	4,245	10,928	2,574	2,104
96	77	2 841	2,743	6,682	2,436	1,966
97	78	1 879	1,688	3,939	2,334	1,863
98	79	1 212	1,013	2,251	2,222	1,752
99	80	751	0,583	1,238	2,122	1,652
100	81	446	0,322	0,655	2,032	1,562

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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20	0	99 344	23 386,923	325 082,755	13,900	13,430
21	1	99 003	21 680,528	301 695,832	13,916	13,445
22	2	98 938	20 154,762	280 015,304	13,893	13,423
23	3	98 881	18 737,782	259 860,542	13,868	13,398
24	4	98 830	17 421,560	241 122,760	13,840	13,370
25	5	98 774	16 196,856	223 701,201	13,811	13,341
26	6	98 722	15 058,904	207 504,344	13,780	13,309
27	7	98 668	14 000,616	192 445,441	13,745	13,275
28	8	98 618	13 017,209	178 444,825	13,708	13,238
29	9	98 563	12 102,317	165 427,616	13,669	13,199
30	10	98 506	11 251,409	153 325,298	13,627	13,157
31	11	98 445	10 459,939	142 073,890	13,583	13,112
32	12	98 376	9 723,431	131 613,951	13,536	13,065
33	13	98 306	9 038,608	121 890,520	13,486	13,015
34	14	98 225	8 401,064	112 851,912	13,433	12,963
35	15	98 140	7 808,209	104 450,848	13,377	12,907
36	16	98 050	7 256,740	96 642,639	13,318	12,847
37	17	97 951	6 743,661	89 385,899	13,255	12,785
38	18	97 842	6 266,173	82 642,238	13,189	12,718
39	19	97 718	5 821,628	76 376,065	13,119	12,649
40	20	97 592	5 408,489	70 554,437	13,045	12,575
41	21	97 453	5 023,997	65 145,948	12,967	12,497
42	22	97 307	4 666,482	60 121,951	12,884	12,414
43	23	97 151	4 333,954	55 455,469	12,796	12,325
44	24	96 984	4 024,653	51 121,516	12,702	12,232
45	25	96 792	3 736,459	47 096,863	12,605	12,134
46	26	96 584	3 468,308	43 360,404	12,502	12,032
47	27	96 356	3 218,697	39 892,096	12,394	11,924
48	28	96 107	2 986,404	36 673,399	12,280	11,810
49	29	95 829	2 770,020	33 686,996	12,161	11,691
50	30	95 520	2 568,442	30 916,976	12,037	11,567
51	31	95 172	2 380,551	28 348,534	11,908	11,438
52	32	94 790	2 205,575	25 967,983	11,774	11,304
53	33	94 365	2 042,502	23 762,409	11,634	11,164
54	34	93 888	1 890,395	21 719,907	11,490	11,019
55	35	93 351	1 748,449	19 829,511	11,341	10,871
56	36	92 761	1 616,181	18 081,063	11,188	10,717
57	37	92 107	1 492,836	16 464,882	11,029	10,559
58	38	91 389	1 377,848	14 972,046	10,866	10,396
59	39	90 589	1 270,498	13 594,199	10,700	10,230
60	40	89 725	1 170,592	12 323,701	10,528	10,057
61	41	88 782	1 077,478	11 153,109	10,351	9,881
62	42	87 756	990,725	10 075,631	10,170	9,700
63	43	86 639	909,876	9 084,907	9,985	9,514
64	44	85 437	834,653	8 175,031	9,795	9,324
65	45	84 138	764,613	7 340,377	9,600	9,130
66	46	82 745	699,492	6 575,764	9,401	8,930
67	47	81 272	639,106	5 876,272	9,195	8,724
68	48	79 700	583,018	5 237,166	8,983	8,513
69	49	78 047	531,092	4 654,147	8,763	8,293
70	50	76 266	482,770	4 123,055	8,540	8,070
71	51	74 427	438,259	3 640,285	8,306	7,836
72	52	72 438	396,786	3 202,026	8,070	7,600
73	53	70 377	358,600	2 805,240	7,823	7,352
74	54	68 178	323,160	2 446,640	7,571	7,101
75	55	65 868	290,428	2 123,480	7,312	6,841
76	56	63 447	260,235	1 833,052	7,044	6,574
77	57	60 870	232,246	1 572,817	6,772	6,302
78	58	58 163	206,438	1 340,571	6,494	6,024
79	59	55 277	182,506	1 134,133	6,214	5,744
80	60	52 241	160,447	951,627	5,931	5,461
81	61	49 033	140,088	791,180	5,648	5,177
82	62	45 608	121,212	651,092	5,372	4,901
83	63	42 035	103,922	529,880	5,099	4,629
84	64	38 350	88,197	425,958	4,830	4,359
85	65	34 562	73,939	337,761	4,568	4,098
86	66	30 697	61,090	263,822	4,319	3,848
87	67	26 847	49,700	202,732	4,079	3,609
88	68	23 079	39,744	153,032	3,850	3,380
89	69	19 442	31,144	113,288	3,638	3,167
90	70	16 044	23,908	82,144	3,436	2,966
91	71	12 966	17,973	58,236	3,240	2,770
92	72	10 242	13,207	40,263	3,049	2,578
93	73	7 816	9,376	27,056	2,886	2,415
94	74	5 817	6,490	17,680	2,724	2,254
95	75	4 170	4,329	11,189	2,585	2,115
96	76	2 903	2,803	6,861	2,447	1,977
97	77	1 925	1,729	4,057	2,347	1,876
98	78	1 247	1,042	2,328	2,235	1,765
99	79	775	0,602	1,287	2,136	1,666
100	80	463	0,334	0,684	2,046	1,576

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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21	0	99 301	21 745,882	301 821,087	13,879	13,409
22	1	98 963	20 159,760	280 075,205	13,893	13,423
23	2	98 893	18 740,110	259 915,445	13,869	13,399
24	3	98 841	17 423,356	241 175,335	13,842	13,372
25	4	98 783	16 198,406	223 751,978	13,813	13,343
26	5	98 731	15 060,245	207 553,572	13,782	13,311
27	6	98 677	14 001,854	192 493,327	13,748	13,277
28	7	98 622	13 017,814	178 491,472	13,711	13,241
29	8	98 570	12 103,161	165 473,659	13,672	13,202
30	9	98 512	11 252,097	153 370,498	13,630	13,160
31	10	98 450	10 460,551	142 118,401	13,586	13,116
32	11	98 384	9 724,183	131 657,850	13,539	13,069
33	12	98 314	9 039,318	121 933,667	13,489	13,019
34	13	98 234	8 401,855	112 894,350	13,437	12,967
35	14	98 149	7 808,929	104 492,494	13,381	12,911
36	15	98 062	7 257,623	96 683,565	13,322	12,851
37	16	97 965	6 744,654	89 425,942	13,259	12,789
38	17	97 855	6 267,026	82 681,288	13,193	12,723
39	18	97 737	5 822,775	76 414,261	13,123	12,653
40	19	97 609	5 409,435	70 591,487	13,050	12,579
41	20	97 471	5 024,926	65 182,052	12,972	12,501
42	21	97 323	4 667,252	60 157,126	12,889	12,419
43	22	97 167	4 334,659	55 489,874	12,801	12,331
44	23	97 002	4 025,377	51 155,215	12,708	12,238
45	24	96 810	3 737,132	47 129,838	12,611	12,141
46	25	96 603	3 468,968	43 392,706	12,509	12,039
47	26	96 374	3 219,302	39 923,738	12,401	11,931
48	27	96 128	2 987,046	36 704,436	12,288	11,818
49	28	95 852	2 770,673	33 717,390	12,169	11,699
50	29	95 544	2 569,106	30 946,717	12,046	11,575
51	30	95 202	2 381,306	28 377,610	11,917	11,447
52	31	94 820	2 206,268	25 996,305	11,783	11,313
53	32	94 397	2 043,202	23 790,037	11,644	11,173
54	33	93 922	1 891,077	21 746,835	11,500	11,029
55	34	93 389	1 749,159	19 855,758	11,352	10,881
56	35	92 799	1 616,847	18 106,599	11,199	10,728
57	36	92 150	1 493,520	16 489,752	11,041	10,571
58	37	91 432	1 378,502	14 996,232	10,879	10,408
59	38	90 643	1 271,264	13 617,730	10,712	10,242
60	39	89 779	1 171,296	12 346,465	10,541	10,071
61	40	88 843	1 078,217	11 175,170	10,364	9,894
62	41	87 821	991,458	10 096,953	10,184	9,714
63	42	86 708	910,599	9 105,494	9,999	9,529
64	43	85 515	835,412	8 194,895	9,809	9,339
65	44	84 220	765,356	7 359,483	9,616	9,145
66	45	82 840	700,299	6 594,127	9,416	8,946
67	46	81 371	639,885	5 893,828	9,211	8,740
68	47	79 809	583,818	5 253,943	8,999	8,529
69	48	78 171	531,940	4 670,124	8,779	8,309
70	49	76 400	483,616	4 138,184	8,557	8,086
71	50	74 565	439,073	3 654,568	8,323	7,853
72	51	72 593	397,638	3 215,496	8,086	7,616
73	52	70 541	359,438	2 817,858	7,840	7,369
74	53	68 353	323,992	2 458,420	7,588	7,118
75	54	66 059	291,269	2 134,428	7,328	6,858
76	55	63 653	261,082	1 843,158	7,060	6,589
77	56	61 088	233,080	1 582,076	6,788	6,317
78	57	58 393	207,251	1 348,996	6,509	6,039
79	58	55 519	183,303	1 141,745	6,229	5,758
80	59	52 488	161,205	958,441	5,945	5,475
81	60	49 293	140,831	797,236	5,661	5,191
82	61	45 869	121,905	656,405	5,385	4,914
83	62	42 294	104,563	534,499	5,112	4,641
84	63	38 610	88,796	429,936	4,842	4,372
85	64	34 822	74,496	341,140	4,579	4,109
86	65	30 944	61,581	266,644	4,330	3,860
87	66	27 084	50,139	205,063	4,090	3,620
88	67	23 300	40,125	154,924	3,861	3,391
89	68	19 647	31,474	114,800	3,647	3,177
90	69	16 231	24,188	83,326	3,445	2,975
91	70	13 131	18,202	59,138	3,249	2,779
92	71	10 384	13,391	40,936	3,057	2,587
93	72	7 934	9,517	27,545	2,894	2,424
94	73	5 914	6,599	18,029	2,732	2,262
95	74	4 246	4,407	11,430	2,593	2,123
96	75	2 960	2,858	7,023	2,457	1,987
97	76	1 967	1,767	4,164	2,356	1,886
98	77	1 277	1,067	2,397	2,246	1,776
99	78	797	0,619	1,330	2,147	1,677
100	79	478	0,345	0,711	2,058	1,588

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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22	0	99 261	20 220,530	280 190,505	13,857	13,386
23	1	98 918	18 744,758	259 969,975	13,869	13,399
24	2	98 853	17 425,521	241 225,217	13,843	13,373
25	3	98 794	16 200,077	223 799,696	13,815	13,344
26	4	98 740	15 061,686	207 599,619	13,783	13,313
27	5	98 685	14 003,102	192 537,933	13,750	13,279
28	6	98 631	13 018,966	178 534,831	13,713	13,243
29	7	98 574	12 103,723	165 515,865	13,675	13,205
30	8	98 518	11 252,881	153 412,142	13,633	13,163
31	9	98 456	10 461,191	142 159,261	13,589	13,119
32	10	98 390	9 724,752	131 698,071	13,543	13,072
33	11	98 322	9 040,017	121 973,319	13,493	13,022
34	12	98 242	8 402,515	112 933,302	13,440	12,970
35	13	98 159	7 809,665	104 530,787	13,385	12,915
36	14	98 071	7 258,292	96 721,122	13,326	12,855
37	15	97 977	6 745,475	89 462,830	13,263	12,792
38	16	97 869	6 267,949	82 717,355	13,197	12,727
39	17	97 751	5 823,568	76 449,405	13,128	12,657
40	18	97 628	5 410,501	70 625,838	13,053	12,583
41	19	97 488	5 025,804	65 215,337	12,976	12,506
42	20	97 341	4 668,115	60 189,533	12,894	12,423
43	21	97 183	4 335,374	55 521,418	12,807	12,336
44	22	97 017	4 026,033	51 186,044	12,714	12,243
45	23	96 827	3 737,804	47 160,011	12,617	12,147
46	24	96 620	3 469,592	43 422,207	12,515	12,045
47	25	96 392	3 219,915	39 952,615	12,408	11,938
48	26	96 146	2 987,609	36 732,700	12,295	11,825
49	27	95 872	2 771,269	33 745,091	12,177	11,706
50	28	95 567	2 569,712	30 973,822	12,053	11,583
51	29	95 227	2 381,922	28 404,110	11,925	11,455
52	30	94 850	2 206,968	26 022,188	11,791	11,321
53	31	94 427	2 043,844	23 815,220	11,652	11,182
54	32	93 954	1 891,725	21 771,377	11,509	11,038
55	33	93 422	1 749,789	19 879,652	11,361	10,891
56	34	92 837	1 617,504	18 129,862	11,209	10,738
57	35	92 188	1 494,136	16 512,359	11,051	10,581
58	36	91 474	1 379,134	15 018,222	10,890	10,419
59	37	90 686	1 271,868	13 639,088	10,724	10,253
60	38	89 833	1 172,003	12 367,220	10,552	10,082
61	39	88 896	1 078,866	11 195,217	10,377	9,907
62	40	87 881	992,139	10 116,351	10,197	9,726
63	41	86 772	911,274	9 124,213	10,013	9,542
64	42	85 583	836,076	8 212,939	9,823	9,353
65	43	84 296	766,051	7 376,863	9,630	9,159
66	44	82 921	700,980	6 610,812	9,431	8,961
67	45	81 465	640,623	5 909,832	9,225	8,755
68	46	79 907	584,530	5 269,209	9,014	8,544
69	47	78 279	532,670	4 684,679	8,795	8,324
70	48	76 522	484,388	4 152,009	8,572	8,101
71	49	74 696	439,841	3 667,621	8,339	7,868
72	50	72 728	398,376	3 227,779	8,102	7,632
73	51	70 693	360,210	2 829,403	7,855	7,385
74	52	68 513	324,750	2 469,193	7,603	7,133
75	53	66 229	292,019	2 144,444	7,344	6,873
76	54	63 838	261,839	1 852,424	7,075	6,604
77	55	61 287	233,839	1 590,586	6,802	6,332
78	56	58 602	207,995	1 356,747	6,523	6,053
79	57	55 737	184,026	1 148,752	6,242	5,772
80	58	52 717	161,909	964,726	5,958	5,488
81	59	49 526	141,497	802,817	5,674	5,203
82	60	46 112	122,552	661,319	5,396	4,926
83	61	42 536	105,161	538,767	5,123	4,653
84	62	38 849	89,344	433,606	4,853	4,383
85	63	35 059	75,002	344,262	4,590	4,120
86	64	31 177	62,044	269,260	4,340	3,870
87	65	27 301	50,542	207,215	4,100	3,630
88	66	23 506	40,479	156,674	3,870	3,400
89	67	19 835	31,775	116,194	3,657	3,187
90	68	16 403	24,444	84,419	3,454	2,983
91	69	13 284	18,415	59,976	3,257	2,787
92	70	10 517	13,561	41,561	3,065	2,594
93	71	8 044	9,649	27,999	2,902	2,431
94	72	6 003	6,698	18,350	2,740	2,269
95	73	4 317	4,481	11,652	2,600	2,130
96	74	3 014	2,910	7,172	2,464	1,994
97	75	2 006	1,802	4,261	2,365	1,895
98	76	1 305	1,091	2,459	2,255	1,785
99	77	816	0,634	1,369	2,158	1,687
100	78	491	0,355	0,734	2,069	1,598

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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23	0	99 216	18 801,262	260 076,112	13,833	13,363
24	1	98 877	17 429,843	241 274,850	13,843	13,372
25	2	98 806	16 202,090	223 845,007	13,816	13,346
26	3	98 750	15 063,240	207 642,917	13,785	13,314
27	4	98 695	14 004,442	192 579,678	13,751	13,281
28	5	98 640	13 020,125	178 575,236	13,715	13,245
29	6	98 583	12 104,794	165 555,110	13,677	13,207
30	7	98 523	11 253,404	153 450,317	13,636	13,166
31	8	98 463	10 461,920	142 196,913	13,592	13,122
32	9	98 396	9 725,347	131 734,993	13,546	13,075
33	10	98 327	9 040,546	122 009,646	13,496	13,026
34	11	98 250	8 403,165	112 969,101	13,444	12,973
35	12	98 166	7 810,278	104 565,936	13,388	12,918
36	13	98 080	7 258,976	96 755,658	13,329	12,859
37	14	97 986	6 746,097	89 496,681	13,266	12,796
38	15	97 881	6 268,712	82 750,584	13,201	12,730
39	16	97 765	5 824,425	76 481,872	13,131	12,661
40	17	97 642	5 411,238	70 657,447	13,058	12,587
41	18	97 508	5 026,794	65 246,209	12,980	12,509
42	19	97 358	4 668,931	60 219,415	12,898	12,428
43	20	97 201	4 336,176	55 550,484	12,811	12,341
44	21	97 033	4 026,697	51 214,308	12,719	12,248
45	22	96 843	3 738,413	47 187,612	12,622	12,152
46	23	96 638	3 470,217	43 449,199	12,521	12,050
47	24	96 410	3 220,494	39 978,982	12,414	11,944
48	25	96 164	2 988,177	36 758,488	12,301	11,831
49	26	95 890	2 771,791	33 770,311	12,184	11,713
50	27	95 588	2 570,265	30 998,520	12,060	11,590
51	28	95 249	2 382,483	28 428,255	11,932	11,462
52	29	94 874	2 207,539	26 045,771	11,799	11,328
53	30	94 457	2 044,492	23 838,232	11,660	11,189
54	31	93 983	1 892,319	21 793,740	11,517	11,047
55	32	93 454	1 750,389	19 901,421	11,370	10,899
56	33	92 870	1 618,087	18 151,032	11,218	10,747
57	34	92 225	1 494,743	16 532,945	11,061	10,590
58	35	91 512	1 379,703	15 038,202	10,900	10,429
59	36	90 728	1 272,452	13 658,499	10,734	10,264
60	37	89 876	1 172,559	12 386,048	10,563	10,093
61	38	88 950	1 079,517	11 213,488	10,388	9,917
62	39	87 934	992,736	10 133,971	10,208	9,738
63	40	86 832	911,899	9 141,236	10,024	9,554
64	41	85 646	836,695	8 229,337	9,836	9,365
65	42	84 363	766,660	7 392,642	9,643	9,172
66	43	82 996	701,617	6 625,982	9,444	8,974
67	44	81 544	641,246	5 924,365	9,239	8,769
68	45	79 999	585,204	5 283,119	9,028	8,558
69	46	78 374	533,320	4 697,915	8,809	8,339
70	47	76 627	485,052	4 164,595	8,586	8,116
71	48	74 815	440,544	3 679,543	8,352	7,882
72	49	72 856	399,074	3 238,999	8,116	7,646
73	50	70 824	360,879	2 839,926	7,869	7,399
74	51	68 660	325,447	2 479,047	7,617	7,147
75	52	66 384	292,702	2 153,600	7,358	6,887
76	53	64 002	262,513	1 860,898	7,089	6,619
77	54	61 465	234,517	1 598,385	6,816	6,345
78	55	58 793	208,672	1 363,869	6,536	6,066
79	56	55 938	184,686	1 155,196	6,255	5,785
80	57	52 925	162,547	970,510	5,971	5,500
81	58	49 742	142,115	807,963	5,685	5,215
82	59	46 330	123,131	665,847	5,408	4,937
83	60	42 762	105,719	542,716	5,134	4,663
84	61	39 071	89,855	436,997	4,863	4,393
85	62	35 275	75,465	347,142	4,600	4,130
86	63	31 389	62,466	271,677	4,349	3,879
87	64	27 507	50,922	209,211	4,108	3,638
88	65	23 695	40,805	158,288	3,879	3,409
89	66	20 011	32,056	117,484	3,665	3,195
90	67	16 560	24,678	85,428	3,462	2,991
91	68	13 425	18,610	60,750	3,264	2,794
92	69	10 640	13,720	42,141	3,071	2,601
93	70	8 147	9,772	28,421	2,908	2,438
94	71	6 086	6,791	18,649	2,746	2,276
95	72	4 382	4,548	11,858	2,607	2,137
96	73	3 064	2,959	7,309	2,470	2,000
97	74	2 042	1,835	4,350	2,371	1,901
98	75	1 331	1,112	2,516	2,263	1,792
99	76	834	0,648	1,404	2,165	1,695
100	77	503	0,364	0,756	2,078	1,607

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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24	0	99 175	17 482,383	241 372,558	13,807	13,336
25	1	98 830	16 206,108	223 890,175	13,815	13,345
26	2	98 763	15 065,111	207 684,067	13,786	13,315
27	3	98 705	14 005,886	192 618,956	13,753	13,282
28	4	98 649	13 021,371	178 613,069	13,717	13,247
29	5	98 592	12 105,872	165 591,698	13,679	13,208
30	6	98 532	11 254,399	153 485,826	13,638	13,168
31	7	98 468	10 462,406	142 231,427	13,595	13,124
32	8	98 403	9 726,025	131 769,021	13,548	13,078
33	9	98 333	9 041,099	122 042,996	13,499	13,028
34	10	98 255	8 403,656	113 001,898	13,447	12,976
35	11	98 174	7 810,882	104 598,241	13,391	12,921
36	12	98 088	7 259,546	96 787,359	13,332	12,862
37	13	97 996	6 746,733	89 527,813	13,270	12,800
38	14	97 890	6 269,290	82 781,080	13,204	12,734
39	15	97 777	5 825,134	76 511,790	13,135	12,664
40	16	97 656	5 412,034	70 686,656	13,061	12,591
41	17	97 521	5 027,479	65 274,621	12,984	12,513
42	18	97 377	4 669,851	60 247,142	12,901	12,431
43	19	97 218	4 336,934	55 577,292	12,815	12,345
44	20	97 051	4 027,441	51 240,358	12,723	12,253
45	21	96 859	3 739,029	47 212,916	12,627	12,157
46	22	96 653	3 470,782	43 473,887	12,526	12,055
47	23	96 427	3 221,074	40 003,105	12,419	11,949
48	24	96 181	2 988,715	36 782,031	12,307	11,837
49	25	95 909	2 772,318	33 793,316	12,190	11,719
50	26	95 605	2 570,749	31 020,998	12,067	11,597
51	27	95 270	2 382,996	28 450,249	11,939	11,469
52	28	94 897	2 208,059	26 067,253	11,806	11,335
53	29	94 481	2 045,021	23 859,194	11,667	11,197
54	30	94 013	1 892,919	21 814,172	11,524	11,054
55	31	93 484	1 750,939	19 921,253	11,377	10,907
56	32	92 902	1 618,641	18 170,314	11,226	10,755
57	33	92 258	1 495,282	16 551,673	11,069	10,599
58	34	91 549	1 380,263	15 056,391	10,908	10,438
59	35	90 765	1 272,976	13 676,128	10,743	10,273
60	36	89 917	1 173,097	12 403,151	10,573	10,103
61	37	88 992	1 080,029	11 230,054	10,398	9,928
62	38	87 987	993,335	10 150,025	10,218	9,748
63	39	86 884	912,448	9 156,690	10,035	9,565
64	40	85 705	837,269	8 244,242	9,847	9,376
65	41	84 426	767,228	7 406,973	9,654	9,184
66	42	83 062	702,174	6 639,745	9,456	8,986
67	43	81 618	641,829	5 937,571	9,251	8,781
68	44	80 076	585,773	5 295,743	9,041	8,570
69	45	78 464	533,935	4 709,970	8,821	8,351
70	46	76 720	485,644	4 176,035	8,599	8,129
71	47	74 918	441,148	3 690,391	8,365	7,895
72	48	72 972	399,711	3 249,243	8,129	7,659
73	49	70 948	361,511	2 849,532	7,882	7,412
74	50	68 788	326,051	2 488,021	7,631	7,160
75	51	66 526	293,331	2 161,970	7,370	6,900
76	52	64 152	263,126	1 868,639	7,102	6,631
77	53	61 623	235,120	1 605,513	6,828	6,358
78	54	58 963	209,277	1 370,393	6,548	6,078
79	55	56 120	185,288	1 161,116	6,267	5,796
80	56	53 114	163,131	975,828	5,982	5,512
81	57	49 938	142,675	812,697	5,696	5,226
82	58	46 532	123,669	670,022	5,418	4,948
83	59	42 964	106,219	546,353	5,144	4,673
84	60	39 278	90,332	440,134	4,872	4,402
85	61	35 477	75,897	349,802	4,609	4,139
86	62	31 582	62,852	273,906	4,358	3,888
87	63	27 694	51,268	211,054	4,117	3,646
88	64	23 873	41,112	159,786	3,887	3,416
89	65	20 171	32,313	118,674	3,673	3,202
90	66	16 707	24,896	86,361	3,469	2,999
91	67	13 553	18,788	61,465	3,272	2,801
92	68	10 752	13,865	42,677	3,078	2,608
93	69	8 242	9,886	28,812	2,914	2,444
94	70	6 164	6,878	18,926	2,752	2,281
95	71	4 443	4,611	12,048	2,613	2,142
96	72	3 110	3,003	7,437	2,476	2,006
97	73	2 077	1,865	4,433	2,377	1,907
98	74	1 355	1,132	2,568	2,268	1,798
99	75	851	0,661	1,436	2,172	1,702
100	76	514	0,372	0,775	2,085	1,614

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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25	0	99 128	16 254,960	223 980,125	13,779	13,309
26	1	98 787	15 068,847	207 725,165	13,785	13,315
27	2	98 717	14 007,626	192 656,318	13,754	13,283
28	3	98 659	13 022,714	178 648,692	13,718	13,248
29	4	98 601	12 107,031	165 625,977	13,680	13,210
30	5	98 541	11 255,402	153 518,947	13,640	13,169
31	6	98 476	10 463,331	142 263,545	13,596	13,126
32	7	98 407	9 726,476	131 800,213	13,551	13,080
33	8	98 340	9 041,729	122 073,737	13,501	13,031
34	9	98 261	8 404,171	113 032,008	13,450	12,979
35	10	98 180	7 811,339	104 627,838	13,394	12,924
36	11	98 095	7 260,108	96 816,499	13,335	12,865
37	12	98 003	6 747,262	89 556,391	13,273	12,803
38	13	97 900	6 269,881	82 809,128	13,207	12,737
39	14	97 786	5 825,671	76 539,247	13,138	12,668
40	15	97 668	5 412,693	70 713,576	13,064	12,594
41	16	97 535	5 028,219	65 300,883	12,987	12,517
42	17	97 391	4 670,487	60 272,664	12,905	12,435
43	18	97 237	4 337,789	55 602,177	12,818	12,348
44	19	97 068	4 028,145	51 264,389	12,727	12,256
45	20	96 877	3 739,721	47 236,243	12,631	12,161
46	21	96 669	3 471,354	43 496,522	12,530	12,060
47	22	96 443	3 221,599	40 025,168	12,424	11,954
48	23	96 199	2 989,253	36 803,570	12,312	11,842
49	24	95 926	2 772,817	33 814,317	12,195	11,725
50	25	95 624	2 571,238	31 041,500	12,073	11,602
51	26	95 288	2 383,445	28 470,262	11,945	11,475
52	27	94 917	2 208,534	26 086,817	11,812	11,342
53	28	94 504	2 045,503	23 878,283	11,674	11,203
54	29	94 038	1 893,409	21 832,779	11,531	11,061
55	30	93 513	1 751,494	19 939,370	11,384	10,914
56	31	92 931	1 619,150	18 187,876	11,233	10,763
57	32	92 290	1 495,794	16 568,726	11,077	10,607
58	33	91 582	1 380,761	15 072,931	10,916	10,446
59	34	90 802	1 273,493	13 692,170	10,752	10,281
60	35	89 954	1 173,581	12 418,677	10,582	10,112
61	36	89 033	1 080,525	11 245,096	10,407	9,937
62	37	88 029	993,807	10 164,571	10,228	9,758
63	38	86 937	912,998	9 170,765	10,045	9,574
64	39	85 757	837,773	8 257,767	9,857	9,387
65	40	84 484	767,754	7 419,994	9,665	9,194
66	41	83 124	702,694	6 652,239	9,467	8,996
67	42	81 683	642,338	5 949,545	9,262	8,792
68	43	80 149	586,305	5 307,207	9,052	8,582
69	44	78 541	534,454	4 720,901	8,833	8,363
70	45	76 809	486,204	4 186,448	8,610	8,140
71	46	75 009	441,686	3 700,244	8,378	7,907
72	47	73 072	400,259	3 258,558	8,141	7,671
73	48	71 061	362,088	2 858,299	7,894	7,424
74	49	68 908	326,622	2 496,211	7,643	7,172
75	50	66 650	293,875	2 169,589	7,383	6,912
76	51	64 289	263,691	1 875,713	7,113	6,643
77	52	61 767	235,670	1 612,022	6,840	6,370
78	53	59 115	209,816	1 376,352	6,560	6,090
79	54	56 282	185,824	1 166,536	6,278	5,807
80	55	53 287	163,662	980,712	5,992	5,522
81	56	50 118	143,187	817,050	5,706	5,236
82	57	46 716	124,156	673,862	5,428	4,957
83	58	43 152	106,683	549,706	5,153	4,682
84	59	39 464	90,759	443,023	4,881	4,411
85	60	35 665	76,299	352,264	4,617	4,147
86	61	31 763	63,211	275,965	4,366	3,895
87	62	27 865	51,585	212,754	4,124	3,654
88	63	24 035	41,391	161,169	3,894	3,424
89	64	20 323	32,557	119,778	3,679	3,209
90	65	16 841	25,096	87,222	3,476	3,005
91	66	13 673	18,954	62,126	3,278	2,807
92	67	10 855	13,998	43,172	3,084	2,614
93	68	8 329	9,991	29,174	2,920	2,450
94	69	6 236	6,958	19,183	2,757	2,287
95	70	4 499	4,670	12,225	2,618	2,147
96	71	3 154	3,045	7,555	2,481	2,011
97	72	2 108	1,893	4,510	2,382	1,912
98	73	1 378	1,151	2,616	2,273	1,803
99	74	866	0,673	1,465	2,177	1,707
100	75	524	0,379	0,792	2,090	1,620

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 368 976,651	13,690	13,219	50	50	94 053	2 251,681	25 423,180	11,291	10,820
1	1	99 344	92 198,895	1 268 976,651	13,763	13,293	51	51	93 566	2 078,921	23 171,498	11,146	10,675
2	2	99 292	85 522,559	1 176 777,756	13,760	13,289	52	52	93 020	1 918,132	21 092,578	10,996	10,526
3	3	99 264	79 349,035	1 091 255,197	13,753	13,282	53	53	92 419	1 768,661	19 174,446	10,841	10,371
4	4	99 243	73 626,180	1 011 906,162	13,744	13,273	54	54	91 749	1 629,544	17 405,785	10,681	10,211
5	5	99 223	68 316,744	938 279,982	13,734	13,264	55	55	90 997	1 499,952	15 776,241	10,518	10,047
6	6	99 204	63 390,994	869 963,238	13,724	13,253	56	56	90 166	1 379,345	14 276,289	10,350	9,879
7	7	99 187	58 820,997	806 572,244	13,712	13,242	57	57	89 251	1 267,153	12 896,944	10,178	9,707
8	8	99 174	54 583,014	747 751,247	13,699	13,229	58	58	88 249	1 162,808	11 629,791	10,001	9,531
9	9	99 158	50 649,228	693 168,233	13,686	13,215	59	59	87 149	1 065,715	10 466,983	9,822	9,351
10	10	99 144	46 999,608	642 519,005	13,671	13,200	60	60	85 963	975,610	9 401,268	9,636	9,166
11	11	99 130	43 613,118	595 519,397	13,655	13,184	61	61	84 669	891,807	8 425,658	9,448	8,977
12	12	99 115	40 469,949	551 906,279	13,637	13,167	62	62	83 277	814,051	7 533,852	9,255	8,784
13	13	99 101	37 553,583	511 436,329	13,619	13,148	63	63	81 777	741,899	6 719,801	9,058	8,587
14	14	99 082	34 845,888	473 882,746	13,599	13,129	64	64	80 171	675,015	5 977,902	8,856	8,385
15	15	99 059	32 332,203	439 036,858	13,579	13,108	65	65	78 438	612,921	5 302,887	8,652	8,181
16	16	99 031	29 998,237	406 704,655	13,558	13,087	66	66	76 613	555,600	4 689,966	8,441	7,971
17	17	98 992	27 829,603	376 706,418	13,536	13,066	67	67	74 681	502,632	4 134,366	8,225	7,755
18	18	98 951	25 817,326	348 876,815	13,513	13,043	68	68	72 641	453,741	3 631,734	8,004	7,533
19	19	98 894	23 946,495	323 059,489	13,491	13,020	69	69	70 502	408,706	3 177,993	7,776	7,305
20	20	98 837	22 211,405	299 112,994	13,467	12,996	70	70	68 217	367,016	2 769,286	7,545	7,075
21	21	98 777	20 601,122	276 901,589	13,441	12,970	71	71	65 856	328,826	2 402,270	7,306	6,835
22	22	98 720	19 108,471	256 300,467	13,413	12,942	72	72	63 353	293,577	2 073,444	7,063	6,592
23	23	98 659	17 723,148	237 191,996	13,383	12,913	73	73	60 780	261,397	1 779,867	6,809	6,338
24	24	98 601	16 438,702	219 468,848	13,351	12,880	74	74	58 064	231,754	1 518,470	6,552	6,081
25	25	98 537	15 246,348	203 030,146	13,317	12,846	75	75	55 255	204,680	1 286,716	6,286	5,816
26	26	98 475	14 140,856	187 783,798	13,280	12,809	76	76	52 370	180,042	1 082,036	6,010	5,539
27	27	98 411	13 115,273	173 642,942	13,240	12,769	77	77	49 336	157,411	901,994	5,730	5,260
28	28	98 344	12 163,708	160 527,669	13,197	12,727	78	78	46 202	136,809	744,583	5,443	4,972
29	29	98 274	11 280,692	148 363,961	13,152	12,681	79	79	42 891	117,869	607,774	5,156	4,686
30	30	98 197	10 461,151	137 083,269	13,104	12,633	80	80	39 447	100,608	489,905	4,869	4,399
31	31	98 111	9 700,197	126 622,119	13,054	12,583	81	81	35 864	84,891	389,297	4,586	4,115
32	32	98 019	8 994,133	116 921,922	13,000	12,529	82	82	32 118	70,556	304,407	4,314	3,844
33	33	97 924	8 339,073	107 927,788	12,942	12,472	83	83	28 314	57,725	233,851	4,051	3,580
34	34	97 817	7 730,830	99 588,715	12,882	12,411	84	84	24 532	46,418	176,126	3,794	3,324
35	35	97 702	7 166,352	91 857,885	12,818	12,347	85	85	20 824	36,567	129,708	3,547	3,076
36	36	97 583	6 642,832	84 691,533	12,749	12,279	86	86	17 225	28,072	93,141	3,318	2,847
37	37	97 455	6 156,919	78 048,701	12,677	12,206	87	87	13 872	20,982	65,069	3,101	2,631
38	38	97 313	5 705,769	71 891,782	12,600	12,129	88	88	10 836	15,211	44,087	2,898	2,428
39	39	97 150	5 286,533	66 186,013	12,520	12,049	89	89	8 172	10,645	28,876	2,713	2,242
40	40	96 984	4 897,883	60 899,481	12,434	11,963	90	90	5 939	7,180	18,230	2,539	2,068
41	41	96 797	4 536,860	56 001,597	12,344	11,873	91	91	4 144	4,650	11,050	2,377	1,906
42	42	96 597	4 201,814	51 464,738	12,248	11,778	92	92	2 762	2,877	6,401	2,225	1,754
43	43	96 381	3 890,886	47 262,923	12,147	11,676	93	93	1 739	1,680	3,524	2,097	1,627
44	44	96 145	3 602,197	43 372,037	12,040	11,570	94	94	1 041	0,933	1,844	1,975	1,505
45	45	95 879	3 333,857	39 769,840	11,929	11,458	95	95	585	0,487	0,910	1,870	1,399
46	46	95 581	3 084,448	36 435,983	11,813	11,342	96	96	310	0,240	0,424	1,768	1,297
47	47	95 257	2 852,881	33 351,535	11,690	11,220	97	97	150	0,108	0,184	1,709	1,238
48	48	94 901	2 637,796	30 498,654	11,562	11,092	98	98	70	0,046	0,076	1,642	1,171
49	49	94 498	2 437,678	27 860,858	11,429	10,959	99	99	31	0,019	0,030	1,575	1,105
							100	100	13	0,007	0,011	1,518	1,047

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 699	99 699,466	1 368 301,410	13,724	13,254	50	51	93 878	2 247,508	25 255,091	11,237	10,766
1	2	99 320	92 176,036	1 268 601,944	13,763	13,292	51	52	93 366	2 074,466	23 007,582	11,091	10,620
2	3	99 280	85 511,934	1 176 425,909	13,757	13,287	52	53	92 803	1 913,657	20 933,116	10,939	10,468
3	4	99 254	79 340,852	1 090 913,974	13,750	13,279	53	54	92 182	1 764,120	19 019,459	10,781	10,311
4	5	99 234	73 619,135	1 011 573,122	13,741	13,270	54	55	91 483	1 624,836	17 255,339	10,620	10,149
5	6	99 214	68 310,658	937 953,988	13,731	13,260	55	56	90 702	1 495,084	15 630,503	10,455	9,984
6	7	99 196	63 385,386	869 643,329	13,720	13,249	56	57	89 843	1 374,411	14 135,419	10,285	9,814
7	8	99 182	58 818,264	806 257,943	13,708	13,237	57	58	88 901	1 262,181	12 761,008	10,110	9,640
8	9	99 167	54 579,211	747 439,679	13,695	13,224	58	59	87 865	1 157,751	11 498,827	9,932	9,461
9	10	99 152	50 646,130	692 860,468	13,680	13,210	59	60	86 738	1 060,699	10 341,076	9,749	9,279
10	11	99 138	46 996,859	642 214,338	13,665	13,194	60	61	85 510	970,462	9 280,377	9,563	9,092
11	12	99 123	43 609,746	595 217,479	13,649	13,178	61	62	84 188	886,736	8 309,915	9,371	8,901
12	13	99 107	40 466,772	551 607,734	13,631	13,160	62	63	82 766	809,057	7 423,179	9,175	8,704
13	14	99 091	37 550,045	511 140,962	13,612	13,142	63	64	81 226	736,892	6 614,122	8,976	8,505
14	15	99 073	34 842,675	473 590,917	13,592	13,122	64	65	79 572	669,971	5 877,230	8,772	8,302
15	16	99 047	32 328,269	438 748,242	13,572	13,101	65	66	77 813	608,035	5 207,259	8,564	8,093
16	17	99 017	29 993,820	406 419,973	13,550	13,079	66	67	75 942	550,732	4 599,223	8,351	7,880
17	18	98 979	27 825,814	376 426,153	13,528	13,057	67	68	73 972	497,866	4 048,492	8,132	7,661
18	19	98 932	25 812,239	348 600,339	13,505	13,035	68	69	71 881	448,993	3 550,626	7,908	7,437
19	20	98 877	23 942,310	322 788,099	13,482	13,011	69	70	69 688	403,984	3 101,633	7,678	7,207
20	21	98 819	22 207,298	298 845,790	13,457	12,986	70	71	67 358	362,392	2 697,649	7,444	6,973
21	22	98 760	20 597,725	276 638,491	13,431	12,960	71	72	64 953	324,320	2 335,257	7,200	6,730
22	23	98 704	19 105,360	256 040,767	13,402	12,931	72	73	62 414	289,228	2 010,937	6,953	6,482
23	24	98 642	17 719,959	236 935,407	13,371	12,900	73	74	59 782	257,106	1 721,708	6,697	6,226
24	25	98 583	16 435,744	219 215,448	13,338	12,867	74	75	57 028	227,619	1 464,603	6,434	5,964
25	26	98 518	15 243,447	202 779,704	13,303	12,832	75	76	54 192	200,744	1 236,984	6,162	5,691
26	27	98 456	14 138,195	187 536,256	13,265	12,794	76	77	51 241	176,159	1 036,240	5,882	5,412
27	28	98 390	13 112,451	173 398,062	13,224	12,753	77	78	48 162	153,665	860,081	5,597	5,126
28	29	98 321	12 160,842	160 285,611	13,180	12,710	78	79	44 934	133,054	706,416	5,309	4,839
29	30	98 248	11 277,773	148 124,769	13,134	12,664	79	80	41 544	114,166	573,362	5,022	4,551
30	31	98 166	10 457,833	136 846,996	13,086	12,615	80	81	38 009	96,939	459,195	4,737	4,266
31	32	98 080	9 697,151	126 389,163	13,034	12,563	81	82	34 334	81,268	362,256	4,458	3,987
32	33	97 986	8 991,052	116 692,012	12,979	12,508	82	83	30 532	67,072	280,988	4,189	3,719
33	34	97 888	8 336,068	107 700,960	12,920	12,449	83	84	26 708	54,451	213,916	3,929	3,458
34	35	97 777	7 727,691	99 364,892	12,858	12,388	84	85	22 934	43,393	159,465	3,675	3,204
35	36	97 662	7 163,399	91 637,201	12,792	12,322	85	86	19 239	33,784	116,072	3,436	2,965
36	37	97 539	6 639,786	84 473,802	12,722	12,252	86	87	15 723	25,624	82,288	3,211	2,741
37	38	97 408	6 153,996	77 834,016	12,648	12,177	87	88	12 486	18,885	56,664	3,000	2,530
38	39	97 254	5 702,327	71 680,020	12,570	12,100	88	89	9 599	13,474	37,779	2,804	2,333
39	40	97 092	5 283,355	65 977,693	12,488	12,017	89	90	7 113	9,267	24,305	2,623	2,152
40	41	96 917	4 894,525	60 694,338	12,400	11,930	90	91	5 063	6,121	15,038	2,457	1,986
41	42	96 726	4 533,501	55 799,813	12,308	11,838	91	92	3 449	3,870	8,917	2,304	1,833
42	43	96 520	4 198,479	51 266,312	12,211	11,740	92	93	2 244	2,337	5,047	2,159	1,688
43	44	96 293	3 887,353	47 067,833	12,108	11,637	93	94	1 375	1,329	2,709	2,038	1,568
44	45	96 052	3 598,701	43 180,480	11,999	11,528	94	95	801	0,718	1,380	1,921	1,450
45	46	95 769	3 330,015	39 581,779	11,886	11,416	95	96	437	0,364	0,662	1,819	1,349
46	47	95 465	3 080,693	36 251,764	11,767	11,297	96	97	222	0,171	0,298	1,741	1,270
47	48	95 126	2 848,972	33 171,071	11,643	11,173	97	98	105	0,075	0,127	1,680	1,209
48	49	94 750	2 633,592	30 322,099	11,514	11,043	98	99	48	0,032	0,051	1,608	1,137
49	50	94 333	2 433,417	27 688,507	11,378	10,908	99	100	20	0,013	0,019	1,546	1,076

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 675	99 674,746	1 367 891,470	13,724	13,253	50	52	93 677	2 242,693	25 072,506	11,180	10,709
1	3	99 307	92 164,585	1 268 216,724	13,760	13,290	51	53	93 148	2 069,627	22 829,813	11,031	10,560
2	4	99 270	85 503,116	1 176 052,139	13,754	13,284	52	54	92 565	1 908,743	20 760,186	10,876	10,406
3	5	99 245	79 333,260	1 090 549,023	13,746	13,276	53	55	91 915	1 759,024	18 851,443	10,717	10,246
4	6	99 225	73 612,577	1 011 215,763	13,737	13,266	54	56	91 187	1 619,563	17 092,419	10,554	10,083
5	7	99 206	68 304,616	937 603,186	13,727	13,256	55	57	90 377	1 489,736	15 472,856	10,386	9,916
6	8	99 191	63 382,442	869 298,571	13,715	13,244	56	58	89 490	1 369,018	13 983,120	10,214	9,743
7	9	99 175	58 814,166	805 916,129	13,703	13,232	57	59	88 514	1 256,691	12 614,102	10,038	9,567
8	10	99 161	54 575,872	747 101,963	13,689	13,219	58	60	87 452	1 152,302	11 357,411	9,856	9,386
9	11	99 146	50 643,167	692 526,091	13,675	13,204	59	61	86 281	1 055,103	10 205,109	9,672	9,201
10	12	99 131	46 993,225	641 882,924	13,659	13,188	60	62	85 024	964,944	9 150,007	9,482	9,012
11	13	99 115	43 606,321	594 889,700	13,642	13,172	61	63	83 671	881,296	8 185,062	9,288	8,817
12	14	99 098	40 462,959	551 283,378	13,624	13,154	62	64	82 207	803,597	7 303,766	9,089	8,618
13	15	99 082	37 546,583	510 820,419	13,605	13,134	63	65	80 619	731,385	6 500,169	8,887	8,417
14	16	99 061	34 838,436	473 273,836	13,585	13,114	64	66	78 938	664,631	5 768,783	8,680	8,209
15	17	99 032	32 323,509	438 435,400	13,564	13,093	65	67	77 131	602,708	5 104,152	8,469	7,998
16	18	99 003	29 989,736	406 111,892	13,542	13,071	66	68	75 222	545,509	4 501,445	8,252	7,781
17	19	98 959	27 820,332	376 122,156	13,520	13,049	67	69	73 198	492,656	3 955,935	8,030	7,559
18	20	98 915	25 807,728	348 301,824	13,496	13,025	68	70	71 050	443,805	3 463,280	7,804	7,333
19	21	98 859	23 937,883	322 494,096	13,472	13,001	69	71	68 810	398,894	3 019,475	7,570	7,099
20	22	98 803	22 203,637	298 556,213	13,446	12,976	70	72	66 435	357,427	2 620,581	7,332	6,861
21	23	98 744	20 594,371	276 352,576	13,419	12,948	71	73	63 991	319,516	2 263,154	7,083	6,612
22	24	98 686	19 101,921	255 758,205	13,389	12,918	72	74	61 390	284,480	1 943,638	6,832	6,362
23	25	98 624	17 716,770	236 656,284	13,358	12,887	73	75	58 716	252,518	1 659,158	6,570	6,100
24	26	98 565	16 432,618	218 939,514	13,323	12,853	74	76	55 931	223,241	1 406,640	6,301	5,830
25	27	98 499	15 240,579	202 506,896	13,287	12,817	75	77	53 024	196,415	1 183,398	6,025	5,554
26	28	98 435	14 135,152	187 266,317	13,248	12,778	76	78	50 022	171,967	986,983	5,739	5,269
27	29	98 367	13 109,361	173 131,165	13,207	12,736	77	79	46 840	149,447	815,017	5,454	4,983
28	30	98 296	12 157,695	160 021,804	13,162	12,692	78	80	43 522	128,874	665,569	5,164	4,694
29	31	98 217	11 274,196	147 864,109	13,115	12,645	79	81	40 029	110,004	536,695	4,879	4,408
30	32	98 135	10 454,549	136 589,912	13,065	12,594	80	82	36 387	92,802	426,691	4,598	4,127
31	33	98 046	9 693,828	126 135,363	13,012	12,541	81	83	32 638	77,255	333,889	4,322	3,851
32	34	97 951	8 987,812	116 441,535	12,955	12,485	82	84	28 801	63,268	256,634	4,056	3,586
33	35	97 849	8 332,684	107 453,723	12,895	12,425	83	85	24 968	50,903	193,366	3,799	3,328
34	36	97 737	7 724,506	99 121,039	12,832	12,361	84	86	21 188	40,090	142,463	3,554	3,083
35	37	97 617	7 160,114	91 396,532	12,765	12,294	85	87	17 561	30,838	102,373	3,320	2,849
36	38	97 492	6 636,635	84 236,418	12,693	12,222	86	88	14 152	23,063	71,534	3,102	2,631
37	39	97 350	6 150,284	77 599,783	12,617	12,147	87	89	11 060	16,728	48,471	2,898	2,427
38	40	97 196	5 698,899	71 449,500	12,537	12,067	88	90	8 356	11,729	31,743	2,706	2,236
39	41	97 025	5 279,732	65 750,600	12,453	11,983	89	91	6 064	7,900	20,014	2,533	2,063
40	42	96 846	4 890,902	60 470,869	12,364	11,893	90	92	4 214	5,095	12,114	2,377	1,907
41	43	96 649	4 529,903	55 579,967	12,270	11,799	91	93	2 802	3,144	7,018	2,232	1,761
42	44	96 432	4 194,666	51 050,064	12,170	11,700	92	94	1 775	1,849	3,874	2,095	1,625
43	45	96 200	3 883,580	46 855,398	12,065	11,594	93	95	1 059	1,023	2,025	1,979	1,508
44	46	95 941	3 594,554	42 971,818	11,955	11,484	94	96	599	0,537	1,002	1,866	1,395
45	47	95 652	3 325,961	39 377,263	11,839	11,369	95	97	312	0,260	0,465	1,790	1,319
46	48	95 334	3 076,471	36 051,302	11,718	11,248	96	98	155	0,120	0,205	1,710	1,239
47	49	94 975	2 844,430	32 974,831	11,593	11,122	97	99	72	0,052	0,085	1,644	1,173
48	50	94 584	2 628,988	30 130,401	11,461	10,990	98	100	32	0,021	0,033	1,577	1,106
49	51	94 158	2 428,907	27 501,413	11,323	10,852							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 662	99 662,364	1 367 469,934	13,721	13,250
1	4	99 297	92 155,080	1 267 807,570	13,757	13,287
2	5	99 260	85 494,934	1 175 652,489	13,751	13,280
3	6	99 236	79 326,193	1 090 157,555	13,743	13,272
4	7	99 216	73 606,065	1 010 831,362	13,733	13,262
5	8	99 201	68 301,442	937 225,297	13,722	13,251
6	9	99 184	63 378,025	868 923,855	13,710	13,240
7	10	99 169	58 810,568	805 545,830	13,697	13,227
8	11	99 155	54 572,680	746 735,262	13,683	13,213
9	12	99 139	50 639,251	692 162,582	13,668	13,198
10	13	99 123	46 989,534	641 523,331	13,652	13,182
11	14	99 106	43 602,213	594 533,796	13,635	13,165
12	15	99 089	40 459,228	550 931,584	13,617	13,146
13	16	99 070	37 542,014	510 472,355	13,597	13,127
14	17	99 046	34 833,306	472 930,341	13,577	13,106
15	18	99 019	32 319,107	438 097,035	13,555	13,085
16	19	98 984	29 983,828	405 777,927	13,533	13,063
17	20	98 942	27 815,469	375 794,100	13,510	13,040
18	21	98 896	25 802,956	347 978,631	13,486	13,015
19	22	98 842	23 933,936	322 175,674	13,461	12,990
20	23	98 787	22 200,022	298 241,738	13,434	12,964
21	24	98 726	20 590,665	276 041,717	13,406	12,935
22	25	98 669	19 098,484	255 451,052	13,375	12,905
23	26	98 605	17 713,400	236 352,568	13,343	12,872
24	27	98 546	16 429,525	218 639,168	13,308	12,837
25	28	98 478	15 237,299	202 209,642	13,271	12,800
26	29	98 412	14 131,821	186 972,343	13,231	12,760
27	30	98 341	13 105,969	172 840,522	13,188	12,717
28	31	98 265	12 153,839	159 734,553	13,143	12,672
29	32	98 186	11 270,656	147 580,713	13,094	12,624
30	33	98 101	10 450,967	136 310,057	13,043	12,572
31	34	98 011	9 690,335	125 859,090	12,988	12,517
32	35	97 911	8 984,163	116 168,754	12,930	12,460
33	36	97 808	8 329,250	107 184,591	12,868	12,398
34	37	97 692	7 720,965	98 855,342	12,803	12,333
35	38	97 570	7 156,715	91 134,377	12,734	12,263
36	39	97 433	6 632,631	83 977,661	12,661	12,191
37	40	97 291	6 146,587	77 345,030	12,583	12,113
38	41	97 129	5 694,991	71 198,444	12,502	12,031
39	42	96 954	5 275,823	65 503,452	12,416	11,945
40	43	96 769	4 887,019	60 227,629	12,324	11,853
41	44	96 561	4 525,789	55 340,609	12,228	11,757
42	45	96 339	4 190,595	50 814,820	12,126	11,655
43	46	96 089	3 879,105	46 624,225	12,019	11,549
44	47	95 824	3 590,178	42 745,119	11,906	11,435
45	48	95 521	3 321,403	39 154,941	11,789	11,318
46	49	95 182	3 071,567	35 833,538	11,666	11,196
47	50	94 809	2 839,458	32 761,971	11,538	11,067
48	51	94 409	2 624,116	29 922,513	11,403	10,932
49	52	93 956	2 423,703	27 298,397	11,263	10,792
50	53	93 459	2 237,461	24 874,694	11,117	10,647
51	54	92 909	2 064,313	22 637,234	10,966	10,495
52	55	92 297	1 903,229	20 572,921	10,809	10,339
53	56	91 617	1 753,315	18 669,692	10,648	10,178
54	57	90 860	1 613,770	16 916,377	10,483	10,012
55	58	90 023	1 483,890	15 302,607	10,312	9,842
56	59	89 101	1 363,063	13 818,716	10,138	9,667
57	60	88 098	1 250,776	12 455,653	9,958	9,488
58	61	86 990	1 146,222	11 204,877	9,775	9,305
59	62	85 790	1 049,104	10 058,654	9,588	9,117
60	63	84 502	959,025	9 009,550	9,394	8,924
61	64	83 106	875,348	8 050,525	9,197	8,726
62	65	81 593	797,592	7 175,177	8,996	8,525
63	66	79 976	725,556	6 377,585	8,790	8,319
64	67	78 246	658,807	5 652,029	8,579	8,109
65	68	76 400	596,993	4 993,222	8,364	7,893
66	69	74 434	539,800	4 396,229	8,144	7,674
67	70	72 353	486,963	3 856,429	7,919	7,449
68	71	70 155	438,213	3 369,465	7,689	7,218
69	72	67 867	393,429	2 931,252	7,451	6,980
70	73	65 451	352,132	2 537,824	7,207	6,736
71	74	62 941	314,271	2 185,691	6,955	6,484
72	75	60 294	279,404	1 871,421	6,698	6,227
73	76	57 586	247,662	1 592,016	6,428	5,958
74	77	54 725	218,427	1 344,355	6,155	5,684
75	78	51 762	191,741	1 125,928	5,872	5,401
76	79	48 649	167,247	934,187	5,586	5,115
77	80	45 369	144,753	766,940	5,298	4,828
78	81	41 936	124,175	622,187	5,011	4,540
79	82	38 321	105,309	498,012	4,729	4,258
80	83	34 590	88,220	392,703	4,451	3,981
81	84	30 787	72,874	304,483	4,178	3,708
82	85	26 924	59,145	231,609	3,916	3,445
83	86	23 067	47,028	172,464	3,667	3,197
84	87	19 341	36,595	125,436	3,428	2,957
85	88	15 806	27,756	88,841	3,201	2,730
86	89	12 536	20,429	61,085	2,990	2,519
87	90	9 628	14,562	40,655	2,792	2,321
88	91	7 123	9,999	26,094	2,610	2,139
89	92	5 048	6,576	16,094	2,448	1,977
90	93	3 424	4,140	9,518	2,299	1,829
91	94	2 217	2,487	5,379	2,162	1,692
92	95	1 367	1,423	2,891	2,031	1,561
93	96	791	0,765	1,468	1,920	1,449
94	97	428	0,384	0,703	1,834	1,363
95	98	219	0,182	0,320	1,756	1,286
96	99	107	0,082	0,138	1,671	1,201
97	100	48	0,034	0,055	1,610	1,139

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 652	99 652,086	1 367 022,319	13,718	13,247
1	5	99 288	92 146,262	1 267 370,233	13,754	13,283
2	6	99 251	85 487,318	1 175 223,971	13,747	13,277
3	7	99 227	79 319,176	1 089 736,652	13,739	13,268
4	8	99 212	73 602,645	1 010 417,477	13,728	13,257
5	9	99 194	68 296,683	936 814,831	13,717	13,246
6	10	99 178	63 374,148	868 518,148	13,705	13,234
7	11	99 163	58 807,128	805 144,000	13,691	13,221
8	12	99 147	54 568,460	746 336,872	13,677	13,206
9	13	99 131	50 635,275	691 768,413	13,662	13,191
10	14	99 114	46 985,107	641 133,138	13,645	13,175
11	15	99 097	43 598,193	594 148,031	13,628	13,157
12	16	99 077	40 454,306	550 549,838	13,609	13,139
13	17	99 055	37 536,487	510 095,532	13,589	13,119
14	18	99 032	34 828,563	472 559,046	13,568	13,097
15	19	98 999	32 312,740	437 730,483	13,547	13,076
16	20	98 966	29 978,587	405 417,743	13,524	13,053
17	21	98 924	27 810,326	375 439,156	13,500	13,029
18	22	98 880	25 798,702	347 628,829	13,475	13,004
19	23	98 826	23 930,039	321 830,128	13,449	12,978
20	24	98 769	22 196,026	297 900,088	13,421	12,951
21	25	98 709	20 586,960	275 704,062	13,392	12,922
22	26	98 650	19 094,851	255 117,102	13,361	12,890
23	27	98 587	17 710,067	236 022,251	13,327	12,856
24	28	98 525	16 425,990	218 312,185	13,291	12,820
25	29	98 455	15 233,709	201 886,195	13,253	12,782
26	30	98 386	14 128,165	186 652,486	13,211	12,741
27	31	98 310	13 101,813	172 524,321	13,168	12,697
28	32	98 234	12 150,023	159 422,509	13,121	12,651
29	33	98 153	11 266,795	147 272,486	13,071	12,601
30	34	98 066	10 447,201	136 005,691	13,018	12,548
31	35	97 971	9 686,401	125 558,490	12,962	12,492
32	36	97 870	8 980,460	115 872,088	12,903	12,432
33	37	97 764	8 325,431	106 891,628	12,839	12,369
34	38	97 646	7 717,300	98 566,197	12,772	12,301
35	39	97 512	7 152,398	90 848,897	12,702	12,231
36	40	97 375	6 628,644	83 696,499	12,626	12,156
37	41	97 224	6 142,372	77 067,855	12,547	12,076
38	42	97 057	5 690,776	70 925,483	12,463	11,993
39	43	96 877	5 271,636	65 234,708	12,375	11,904
40	44	96 681	4 882,582	59 963,072	12,281	11,810
41	45	96 468	4 521,397	55 080,490	12,182	11,712
42	46	96 228	4 185,767	50 559,093	12,079	11,608
43	47	95 972	3 874,382	46 373,327	11,969	11,499
44	48	95 693	3 585,258	42 498,945	11,854	11,383
45	49	95 369	3 316,109	38 913,686	11,735	11,264
46	50	95 016	3 066,198	35 597,577	11,610	11,139
47	51	94 633	2 834,196	32 531,379	11,478	11,008
48	52	94 206	2 618,493	29 697,183	11,341	10,871
49	53	93 737	2 418,048	27 078,690	11,199	10,728
50	54	93 219	2 231,716	24 660,642	11,050	10,579
51	55	92 640	2 058,349	22 428,926	10,897	10,426
52	56	91 998	1 897,052	20 370,577	10,738	10,267
53	57	91 289	1 747,044	18 473,524	10,574	10,103
54	58	90 504	1 607,437	16 726,481	10,406	9,935
55	59	89 631	1 477,436	15 119,043	10,233	9,763
56	60	88 682	1 356,648	13 641,607	10,055	9,585
57	61	87 633	1 244,177	12 284,959	9,874	9,403
58	62	86 496	1 139,705	11 040,782	9,687	9,217
59	63	85 264	1 042,668	9 901,076	9,496	9,025
60	64	83 932	952,553	8 858,409	9,300	8,829
61	65	82 485	868,807	7 905,856	9,100	8,629
62	66	80 943	791,235	7 037,049	8,894	8,423
63	67	79 275	719,199	6 245,814	8,684	8,214
64	68	77 504	652,560	5 526,615	8,469	7,998
65	69	75 600	590,745	4 874,055	8,251	7,780
66	70	73 574	533,563	4 283,310	8,028	7,557
67	71	71 441	480,828	3 749,747	7,799	7,328
68	72	69 194	432,209	3 268,919	7,563	7,093
69	73	66 862	387,600	2 836,710	7,319	6,848
70	74	64 376	346,351	2 449,109	7,071	6,601
71	75	61 818	308,663	2 102,758	6,812	6,342
72	76	59 135	274,031	1 794,095	6,547	6,076
73	77	56 345	242,321	1 520,064	6,273	5,802
74	78	53 423	213,229	1 277,743	5,992	5,522
75	79	50 341	186,478	1 064,514	5,709	5,238
76	80	47 120	161,993	878,036	5,420	4,950
77	81	43 715	139,475	716,043	5,134	4,663
78	82	40 146	118,876	576,568	4,850	4,379
79	83	36 428	100,109	457,692	4,572	4,101
80	84	32 628	83,217	357,583	4,297	3,826
81	85	28 781	68,125	274,366	4,027	3,557
82	86	24 874	54,643	206,241	3,774	3,304
83	87	21 056	42,928	151,598	3,531	3,061
84	88	17 408	32,937	108,670	3,299	2,829
85	89	14 001	24,586	75,733	3,080	2,610
86	90	10 912	17,783	51,146	2,876	2,405
87	91	8 208	12,414	33,363	2,687	2,217
88	92	5 929	8,323	20,948	2,517	2,046
89	93	4 101	5,343	12,625	2,363	1,892
90	94	2 708	3,275	7,283	2,224	1,753
91	95	1 707	1,915	4,008	2,093	1,622
92	96	1 021	1,064	2,093	1,968	1,497
93	97	565	0,546	1,029	1,885	1,414
94	98	300	0,269	0,483	1,798	1,327
95	99	150	0,125	0,214	1,714	1,244
96	100	71	0,055	0,089	1,635	1,165

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 643	99 642,551	1 366 544,062	13,714	13,244
1	6	99 279	92 138,054	1 266 901,512	13,750	13,279
2	7	99 243	85 479,756	1 174 763,458	13,743	13,273
3	8	99 222	79 315,491	1 089 283,702	13,734	13,263
4	9	99 205	73 597,516	1 009 968,210	13,723	13,252
5	10	99 188	68 292,505	936 370,694	13,711	13,241
6	11	99 172	63 370,441	868 078,189	13,698	13,228
7	12	99 156	58 802,580	804 707,748	13,685	13,214
8	13	99 139	54 564,175	745 905,167	13,670	13,200
9	14	99 121	50 630,504	691 340,993	13,655	13,184
10	15	99 104	46 980,775	640 710,489	13,638	13,167
11	16	99 084	43 592,888	593 729,713	13,620	13,149
12	17	99 062	40 448,349	550 136,825	13,601	13,130
13	18	99 042	37 531,375	509 688,477	13,580	13,110
14	19	99 013	34 821,701	472 157,101	13,559	13,089
15	20	98 982	32 307,092	437 335,400	13,537	13,066
16	21	98 948	29 973,044	405 028,308	13,513	13,042
17	22	98 907	27 805,741	375 055,263	13,488	13,018
18	23	98 864	25 794,501	347 249,523	13,462	12,991
19	24	98 808	23 925,733	321 455,021	13,436	12,965
20	25	98 751	22 192,032	297 529,289	13,407	12,936
21	26	98 690	20 583,044	275 337,256	13,377	12,906
22	27	98 631	19 091,258	254 754,212	13,344	12,873
23	28	98 565	17 706,256	235 662,955	13,310	12,839
24	29	98 502	16 422,119	217 956,699	13,272	12,801
25	30	98 429	15 229,767	201 534,580	13,233	12,762
26	31	98 355	14 123,684	186 304,813	13,191	12,720
27	32	98 279	13 097,699	172 181,129	13,146	12,675
28	33	98 200	12 145,860	159 083,430	13,098	12,627
29	34	98 117	11 262,735	146 937,570	13,046	12,576
30	35	98 026	10 442,960	135 674,836	12,992	12,521
31	36	97 931	9 682,409	125 231,876	12,934	12,463
32	37	97 826	8 976,343	115 549,467	12,873	12,402
33	38	97 717	8 321,479	106 573,124	12,807	12,336
34	39	97 587	7 712,644	98 251,645	12,739	12,268
35	40	97 453	7 148,099	90 539,000	12,666	12,196
36	41	97 308	6 624,099	83 390,902	12,589	12,118
37	42	97 152	6 137,825	76 766,803	12,507	12,037
38	43	96 980	5 686,259	70 628,978	12,421	11,950
39	44	96 789	5 266,849	64 942,719	12,330	11,860
40	45	96 587	4 877,843	59 675,871	12,234	11,763
41	46	96 356	4 516,187	54 798,028	12,134	11,663
42	47	96 111	4 180,670	50 281,841	12,027	11,557
43	48	95 841	3 869,073	46 101,171	11,915	11,445
44	49	95 541	3 579,543	42 232,097	11,798	11,328
45	50	95 202	3 310,312	38 652,554	11,676	11,206
46	51	94 840	3 060,516	35 342,242	11,548	11,077
47	52	94 430	2 828,123	32 281,726	11,415	10,944
48	53	93 987	2 612,384	29 453,603	11,275	10,804
49	54	93 496	2 411,840	26 841,219	11,129	10,658
50	55	92 949	2 225,269	24 429,379	10,978	10,508
51	56	92 340	2 051,669	22 204,110	10,822	10,352
52	57	91 669	1 890,267	20 152,441	10,661	10,190
53	58	90 931	1 740,188	18 262,174	10,494	10,024
54	59	90 110	1 600,446	16 521,986	10,323	9,853
55	60	89 209	1 470,483	14 921,540	10,147	9,677
56	61	88 214	1 349,491	13 451,058	9,968	9,497
57	62	87 135	1 237,103	12 101,567	9,782	9,312
58	63	85 965	1 132,714	10 864,464	9,592	9,121
59	64	84 689	1 035,631	9 731,750	9,397	8,926
60	65	83 304	945,435	8 696,119	9,198	8,727
61	66	81 828	861,882	7 750,684	8,993	8,522
62	67	80 233	784,302	6 888,802	8,783	8,313
63	68	78 524	712,379	6 104,500	8,569	8,099
64	69	76 693	645,731	5 392,121	8,350	7,880
65	70	74 727	583,919	4 746,390	8,129	7,658
66	71	72 647	526,841	4 162,471	7,901	7,430
67	72	70 462	474,240	3 635,630	7,666	7,196
68	73	68 169	425,807	3 161,390	7,424	6,954
69	74	65 764	381,238	2 735,584	7,176	6,705
70	75	63 228	340,171	2 354,346	6,921	6,450
71	76	60 629	302,727	2 014,175	6,653	6,183
72	77	57 860	268,121	1 711,448	6,383	5,912
73	78	55 004	236,554	1 443,327	6,101	5,631
74	79	51 956	207,376	1 206,772	5,819	5,349
75	80	48 760	180,620	999,396	5,533	5,062
76	81	45 402	156,086	818,776	5,246	4,775
77	82	41 849	133,523	662,690	4,963	4,492
78	83	38 164	113,006	529,167	4,683	4,212
79	84	34 362	94,432	416,161	4,407	3,936
80	85	30 502	77,794	321,729	4,136	3,665
81	86	26 590	62,939	243,935	3,876	3,405
82	87	22 706	49,879	180,995	3,629	3,158
83	88	18 952	38,638	131,116	3,393	2,923
84	89	15 420	29,176	92,479	3,170	2,699
85	90	12 188	21,402	63,303	2,958	2,487
86	91	9 303	15,161	41,901	2,764	2,293
87	92	6 832	10,333	26,740	2,588	2,117
88	93	4 818	6,762	16,407	2,426	1,955
89	94	3 244	4,226	9,644	2,282	1,811
90	95	2 085	2,521	5,418	2,149	1,679
91	96	1 275	1,431	2,897	2,025	1,554
92	97	730	0,760	1,466	1,930	1,459
93	98	396	0,383	0,706	1,845	1,375
94	99	206	0,185	0,324	1,753	1,282
95	100	100	0,083	0,139	1,675	1,205

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 634	99 633,675	1 366 031,733	13,711	13,240
1	7	99 270	92 129,903	1 266 398,058	13,746	13,275
2	8	99 238	85 475,785	1 174 268,155	13,738	13,267
3	9	99 216	79 309,964	1 088 792,369	13,728	13,258
4	10	99 199	73 593,014	1 009 482,405	13,717	13,246
5	11	99 182	68 288,510	935 889,391	13,705	13,234
6	12	99 165	63 365,541	867 600,881	13,692	13,221
7	13	99 148	58 797,963	804 235,340	13,678	13,207
8	14	99 130	54 559,034	745 437,377	13,663	13,192
9	15	99 112	50 625,836	690 878,343	13,647	13,176
10	16	99 092	46 975,059	640 252,507	13,630	13,159
11	17	99 070	43 586,469	593 277,448	13,612	13,141
12	18	99 049	40 442,841	549 690,979	13,592	13,121
13	19	99 022	37 523,981	509 248,138	13,571	13,101
14	20	98 996	34 815,615	471 724,156	13,549	13,079
15	21	98 964	32 301,119	436 908,542	13,526	13,055
16	22	98 932	29 968,102	404 607,422	13,501	13,031
17	23	98 891	27 801,214	374 639,321	13,476	13,005
18	24	98 846	25 789,859	346 838,107	13,449	12,978
19	25	98 791	23 921,428	321 048,248	13,421	12,950
20	26	98 732	22 187,811	297 126,820	13,391	12,921
21	27	98 671	20 579,170	274 939,009	13,360	12,889
22	28	98 610	19 087,150	254 359,839	13,326	12,856
23	29	98 542	17 702,083	235 272,689	13,291	12,820
24	30	98 476	16 417,870	217 570,606	13,252	12,781
25	31	98 398	15 224,937	201 152,736	13,212	12,741
26	32	98 324	14 119,249	185 927,800	13,168	12,698
27	33	98 246	13 093,211	171 808,550	13,122	12,651
28	34	98 165	12 141,484	158 715,339	13,072	12,601
29	35	98 077	11 258,162	146 573,856	13,019	12,549
30	36	97 986	10 438,656	135 315,694	12,963	12,492
31	37	97 886	9 677,970	124 877,038	12,903	12,433
32	38	97 779	8 972,082	115 199,068	12,840	12,369
33	39	97 658	8 316,459	106 226,986	12,773	12,302
34	40	97 528	7 708,008	97 910,527	12,702	12,232
35	41	97 386	7 143,197	90 202,519	12,628	12,157
36	42	97 236	6 619,195	83 059,322	12,548	12,078
37	43	97 075	6 132,953	76 440,126	12,464	11,993
38	44	96 892	5 681,095	70 307,173	12,376	11,905
39	45	96 695	5 261,737	64 626,078	12,282	11,812
40	46	96 476	4 872,222	59 364,341	12,184	11,714
41	47	96 239	4 510,689	54 492,119	12,081	11,610
42	48	95 979	4 174,942	49 981,430	11,972	11,501
43	49	95 688	3 862,906	45 806,489	11,858	11,387
44	50	95 374	3 573,286	41 943,583	11,738	11,267
45	51	95 026	3 304,177	38 370,297	11,613	11,142
46	52	94 636	3 053,958	35 066,120	11,482	11,012
47	53	94 210	2 821,525	32 012,162	11,346	10,875
48	54	93 745	2 605,677	29 190,637	11,203	10,732
49	55	93 226	2 404,873	26 584,960	11,055	10,584
50	56	92 648	2 218,047	24 180,087	10,902	10,431
51	57	92 009	2 044,330	21 962,041	10,743	10,272
52	58	91 309	1 882,849	19 917,710	10,578	10,108
53	59	90 536	1 732,619	18 034,861	10,409	9,938
54	60	89 686	1 592,914	16 302,242	10,234	9,764
55	61	88 739	1 462,725	14 709,328	10,056	9,585
56	62	87 712	1 341,818	13 246,604	9,872	9,401
57	63	86 600	1 229,514	11 904,786	9,683	9,212
58	64	85 385	1 125,069	10 675,272	9,489	9,018
59	65	84 056	1 027,892	9 550,203	9,291	8,820
60	66	82 640	937,899	8 522,311	9,087	8,616
61	67	81 111	854,331	7 584,411	8,878	8,407
62	68	79 473	776,865	6 730,081	8,663	8,192
63	69	77 702	704,923	5 953,216	8,445	7,975
64	70	75 807	638,270	5 248,292	8,223	7,752
65	71	73 785	576,562	4 610,023	7,996	7,525
66	72	71 652	519,622	4 033,460	7,762	7,292
67	73	69 418	467,215	3 513,838	7,521	7,050
68	74	67 050	418,816	3 046,624	7,274	6,804
69	75	64 591	374,435	2 627,807	7,018	6,547
70	76	62 012	333,629	2 253,372	6,754	6,283
71	77	59 321	296,199	1 919,743	6,481	6,011
72	78	56 483	261,741	1 623,544	6,203	5,732
73	79	53 494	230,061	1 361,803	5,919	5,449
74	80	50 324	200,862	1 131,742	5,634	5,164
75	81	46 982	174,034	930,880	5,349	4,878
76	82	43 465	149,425	756,846	5,065	4,594
77	83	39 783	126,930	607,420	4,785	4,315
78	84	35 999	106,597	480,491	4,508	4,037
79	85	32 123	88,279	373,893	4,235	3,765
80	86	28 180	71,872	285,615	3,974	3,503
81	87	24 272	57,452	213,743	3,720	3,250
82	88	20 436	44,894	156,291	3,481	3,011
83	89	16 787	34,225	111,397	3,255	2,784
84	90	13 423	25,397	77,172	3,039	2,568
85	91	10 390	18,246	51,774	2,838	2,367
86	92	7 743	12,619	33,529	2,657	2,186
87	93	5 551	8,396	20,909	2,490	2,020
88	94	3 811	5,349	12,514	2,339	1,869
89	95	2 497	3,254	7,164	2,202	1,731
90	96	1 558	1,884	3,911	2,076	1,605
91	97	911	1,022	2,027	1,983	1,513
92	98	511	0,533	1,005	1,887	1,416
93	99	272	0,263	0,472	1,797	1,326
94	100	136	0,122	0,209	1,711	1,240

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 625	99 624,861	1 365 481,743	13,706	13,236
1	8	99 265	92 125,623	1 265 856,882	13,741	13,270
2	9	99 231	85 469,829	1 173 731,258	13,733	13,262
3	10	99 209	79 305,112	1 088 261,430	13,722	13,252
4	11	99 193	73 588,710	1 008 956,317	13,711	13,240
5	12	99 175	68 283,230	935 367,608	13,698	13,228
6	13	99 157	63 360,565	867 084,378	13,685	13,214
7	14	99 138	58 792,423	803 723,813	13,671	13,200
8	15	99 121	54 554,003	744 931,389	13,655	13,184
9	16	99 100	50 619,676	690 377,386	13,639	13,168
10	17	99 078	46 968,142	639 757,710	13,621	13,150
11	18	99 056	43 580,534	592 789,568	13,602	13,132
12	19	99 029	40 434,873	549 209,033	13,583	13,112
13	20	99 005	37 517,422	508 774,160	13,561	13,090
14	21	98 977	34 809,178	471 256,738	13,538	13,068
15	22	98 948	32 295,793	436 447,559	13,514	13,043
16	23	98 916	29 963,223	404 151,767	13,488	13,018
17	24	98 873	27 796,210	374 188,544	13,462	12,991
18	25	98 828	25 785,219	346 392,334	13,434	12,963
19	26	98 772	23 916,877	320 607,115	13,405	12,934
20	27	98 714	22 183,635	296 690,238	13,374	12,904
21	28	98 650	20 574,742	274 506,602	13,342	12,871
22	29	98 587	19 082,652	253 931,861	13,307	12,836
23	30	98 517	17 697,502	234 849,209	13,270	12,800
24	31	98 445	16 412,663	217 151,706	13,231	12,760
25	32	98 367	15 220,156	200 739,043	13,189	12,718
26	33	98 291	14 114,412	185 518,887	13,144	12,673
27	34	98 210	13 088,493	171 404,475	13,096	12,625
28	35	98 125	12 136,554	158 315,982	13,045	12,574
29	36	98 037	11 253,522	146 179,428	12,990	12,519
30	37	97 941	10 433,870	134 925,906	12,932	12,461
31	38	97 839	9 673,376	124 492,036	12,870	12,399
32	39	97 720	8 966,670	114 818,660	12,805	12,334
33	40	97 599	8 311,460	105 851,990	12,736	12,265
34	41	97 461	7 702,722	97 540,530	12,663	12,192
35	42	97 314	7 137,909	89 837,808	12,586	12,115
36	43	97 159	6 613,941	82 699,898	12,504	12,033
37	44	96 987	6 127,384	76 085,957	12,417	11,947
38	45	96 798	5 675,581	69 958,573	12,326	11,856
39	46	96 583	5 255,674	64 282,992	12,231	11,760
40	47	96 358	4 866,290	59 027,318	12,130	11,659
41	48	96 107	4 504,508	54 161,028	12,024	11,553
42	49	95 826	4 168,287	49 656,520	11,913	11,442
43	50	95 521	3 856,153	45 488,234	11,796	11,326
44	51	95 197	3 566,664	41 632,081	11,673	11,202
45	52	94 822	3 297,098	38 065,417	11,545	11,074
46	53	94 416	3 046,833	34 768,319	11,411	10,941
47	54	93 968	2 814,281	31 721,486	11,272	10,801
48	55	93 475	2 598,150	28 907,206	11,126	10,655
49	56	92 924	2 397,068	26 309,056	10,976	10,505
50	57	92 316	2 210,113	23 911,988	10,819	10,349
51	58	91 648	2 036,308	21 701,875	10,657	10,187
52	59	90 912	1 874,660	19 665,567	10,490	10,020
53	60	90 109	1 724,465	17 790,907	10,317	9,846
54	61	89 213	1 584,510	16 066,442	10,140	9,669
55	62	88 234	1 454,408	14 481,933	9,957	9,487
56	63	87 174	1 333,586	13 027,525	9,769	9,298
57	64	86 016	1 221,216	11 693,939	9,576	9,105
58	65	84 747	1 116,662	10 472,723	9,379	8,908
59	66	83 386	1 019,699	9 356,061	9,175	8,705
60	67	81 916	929,681	8 336,361	8,967	8,496
61	68	80 342	846,230	7 406,680	8,753	8,282
62	69	78 641	768,735	6 560,451	8,534	8,063
63	70	76 804	696,778	5 791,716	8,312	7,841
64	71	74 852	630,228	5 094,938	8,084	7,614
65	72	72 774	568,662	4 464,709	7,851	7,381
66	73	70 591	511,925	3 896,047	7,611	7,140
67	74	68 279	459,545	3 384,122	7,364	6,893
68	75	65 854	411,343	2 924,577	7,110	6,639
69	76	63 348	367,234	2 513,234	6,844	6,373
70	77	60 674	326,434	2 146,000	6,574	6,103
71	78	57 910	289,150	1 819,565	6,293	5,822
72	79	54 932	254,556	1 530,415	6,012	5,541
73	80	51 814	222,834	1 275,859	5,726	5,255
74	81	48 489	193,538	1 053,025	5,441	4,970
75	82	44 977	166,608	859,487	5,159	4,688
76	83	41 319	142,047	692,879	4,878	4,407
77	84	37 526	119,731	550,832	4,601	4,130
78	85	33 653	99,651	431,101	4,326	3,855
79	86	29 678	81,558	331,450	4,064	3,593
80	87	25 723	65,606	249,891	3,809	3,338
81	88	21 846	51,710	184,285	3,564	3,093
82	89	18 102	39,767	132,575	3,334	2,863
83	90	14 613	29,792	92,808	3,115	2,644
84	91	11 443	21,652	63,016	2,910	2,440
85	92	8 649	15,187	41,364	2,724	2,253
86	93	6 291	10,253	26,177	2,553	2,082
87	94	4 391	6,641	15,924	2,398	1,927
88	95	2 934	4,118	9,283	2,254	1,783
89	96	1 866	2,431	5,164	2,124	1,654
90	97	1 113	1,346	2,733	2,031	1,561
91	98	639	0,716	1,388	1,937	1,466
92	99	351	0,366	0,671	1,835	1,364
93	100	180	0,174	0,305	1,752	1,281

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 620	99 620,233	1 364 890,907	13,701	13,230
1	9	99 258	92 119,204	1 265 270,674	13,735	13,264
2	10	99 225	85 464,600	1 173 151,471	13,727	13,256
3	11	99 204	79 300,474	1 087 686,870	13,716	13,245
4	12	99 185	73 583,019	1 008 386,397	13,704	13,233
5	13	99 167	68 277,868	934 803,377	13,691	13,220
6	14	99 148	63 354,596	866 525,510	13,677	13,207
7	15	99 129	58 787,002	803 170,914	13,662	13,192
8	16	99 109	54 547,366	744 383,912	13,647	13,176
9	17	99 086	50 612,223	689 836,546	13,630	13,159
10	18	99 064	46 961,747	639 224,323	13,612	13,141
11	19	99 037	43 571,948	592 262,576	13,593	13,122
12	20	99 012	40 427,806	548 690,628	13,572	13,101
13	21	98 987	37 510,486	508 262,822	13,550	13,079
14	22	98 961	34 803,438	470 752,336	13,526	13,055
15	23	98 931	32 290,535	435 948,898	13,501	13,030
16	24	98 898	29 957,830	403 658,363	13,474	13,004
17	25	98 856	27 791,209	373 700,533	13,447	12,976
18	26	98 810	25 780,314	345 909,324	13,418	12,947
19	27	98 753	23 912,376	320 129,010	13,388	12,917
20	28	98 693	22 178,862	296 216,634	13,356	12,885
21	29	98 627	20 569,893	274 037,772	13,322	12,852
22	30	98 561	19 077,714	253 467,879	13,286	12,815
23	31	98 485	17 691,890	234 390,165	13,248	12,778
24	32	98 414	16 407,510	216 698,275	13,207	12,737
25	33	98 334	15 214,941	200 290,765	13,164	12,693
26	34	98 255	14 109,326	185 075,824	13,117	12,647
27	35	98 170	13 083,179	170 966,498	13,068	12,597
28	36	98 084	12 131,552	157 883,319	13,014	12,544
29	37	97 992	11 248,363	145 751,767	12,958	12,487
30	38	97 894	10 428,917	134 503,404	12,897	12,426
31	39	97 780	9 667,541	124 074,487	12,834	12,363
32	40	97 661	8 961,279	114 406,946	12,767	12,296
33	41	97 533	8 305,761	105 445,667	12,695	12,225
34	42	97 389	7 697,020	97 139,906	12,620	12,150
35	43	97 237	7 132,244	89 442,886	12,541	12,070
36	44	97 071	6 607,935	82 310,642	12,456	11,986
37	45	96 893	6 121,437	75 702,707	12,367	11,896
38	46	96 687	5 669,042	69 581,270	12,274	11,803
39	47	96 466	5 249,275	63 912,229	12,175	11,705
40	48	96 226	4 859,622	58 662,953	12,072	11,601
41	49	95 954	4 497,327	53 803,331	11,963	11,493
42	50	95 658	4 161,000	49 306,004	11,850	11,379
43	51	95 344	3 849,007	45 145,004	11,729	11,258
44	52	94 993	3 559,022	41 295,997	11,603	11,133
45	53	94 601	3 289,406	37 736,975	11,472	11,002
46	54	94 173	3 039,010	34 447,570	11,335	10,864
47	55	93 696	2 806,151	31 408,560	11,193	10,722
48	56	93 171	2 589,717	28 602,409	11,045	10,574
49	57	92 591	2 388,493	26 012,692	10,891	10,420
50	58	91 954	2 201,440	23 624,198	10,731	10,261
51	59	91 250	2 027,451	21 422,758	10,566	10,096
52	60	90 484	1 865,837	19 395,307	10,395	9,924
53	61	89 634	1 715,367	17 529,470	10,219	9,748
54	62	88 706	1 575,500	15 814,103	10,038	9,567
55	63	87 693	1 445,486	14 238,603	9,850	9,380
56	64	86 586	1 324,586	12 793,117	9,658	9,188
57	65	85 373	1 212,091	11 468,531	9,462	8,991
58	66	84 071	1 107,762	10 256,440	9,259	8,788
59	67	82 655	1 010,765	9 148,679	9,051	8,581
60	68	81 140	920,866	8 137,914	8,837	8,367
61	69	79 501	837,373	7 217,049	8,619	8,148
62	70	77 732	759,852	6 379,675	8,396	7,925
63	71	75 836	688,000	5 619,823	8,168	7,698
64	72	73 826	621,593	4 931,823	7,934	7,464
65	73	71 696	560,238	4 310,230	7,694	7,223
66	74	69 432	503,521	3 749,992	7,448	6,977
67	75	67 060	451,345	3 246,471	7,193	6,722
68	76	64 587	403,433	2 795,126	6,928	6,458
69	77	61 982	359,314	2 391,693	6,656	6,186
70	78	59 231	318,666	2 032,379	6,378	5,907
71	79	56 320	281,214	1 713,712	6,094	5,623
72	80	53 207	246,560	1 432,499	5,810	5,339
73	81	49 924	214,709	1 185,939	5,523	5,053
74	82	46 420	185,279	971,230	5,242	4,771
75	83	42 756	158,381	785,951	4,962	4,492
76	84	38 975	133,991	627,570	4,684	4,213
77	85	35 081	111,929	493,579	4,410	3,939
78	86	31 092	92,065	381,650	4,145	3,675
79	87	27 091	74,448	289,584	3,890	3,419
80	88	23 152	59,049	215,136	3,643	3,173
81	89	19 351	45,805	156,087	3,408	2,937
82	90	15 758	34,616	110,282	3,186	2,715
83	91	12 458	25,399	75,666	2,979	2,508
84	92	9 525	18,022	50,267	2,789	2,319
85	93	7 027	12,340	32,245	2,613	2,143
86	94	4 977	8,111	19,906	2,454	1,984
87	95	3 380	5,113	11,795	2,307	1,836
88	96	2 192	3,077	6,683	2,172	1,701
89	97	1 333	1,737	3,605	2,076	1,605
90	98	780	0,943	1,869	1,981	1,511
91	99	439	0,492	0,926	1,881	1,410
92	100	233	0,243	0,433	1,787	1,316

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 613	99 613,291	1 364 251,350	13,695	13,225
1	10	99 252	92 113,569	1 264 638,059	13,729	13,258
2	11	99 219	85 459,601	1 172 524,490	13,720	13,250
3	12	99 196	79 294,341	1 087 064,889	13,709	13,239
4	13	99 177	73 577,241	1 007 770,547	13,697	13,226
5	14	99 157	68 271,435	934 193,306	13,684	13,213
6	15	99 138	63 348,754	865 921,871	13,669	13,198
7	16	99 117	58 779,850	802 573,117	13,654	13,183
8	17	99 094	54 539,334	743 793,267	13,638	13,167
9	18	99 072	50 605,331	689 253,933	13,620	13,150
10	19	99 045	46 952,495	638 648,602	13,602	13,131
11	20	99 020	43 564,332	591 696,108	13,582	13,111
12	21	98 994	40 420,331	548 131,775	13,561	13,090
13	22	98 970	37 504,301	507 711,444	13,537	13,067
14	23	98 945	34 797,772	470 207,143	13,513	13,042
15	24	98 914	32 284,724	435 409,371	13,487	13,016
16	25	98 880	29 952,440	403 124,648	13,459	12,988
17	26	98 837	27 785,922	373 172,208	13,430	12,960
18	27	98 791	25 775,462	345 386,285	13,400	12,929
19	28	98 732	23 907,231	319 610,824	13,369	12,898
20	29	98 669	22 173,635	295 703,593	13,336	12,865
21	30	98 601	20 564,571	273 529,957	13,301	12,830
22	31	98 530	19 071,664	252 965,387	13,264	12,793
23	32	98 454	17 686,335	233 893,723	13,225	12,754
24	33	98 380	16 401,888	216 207,388	13,182	12,711
25	34	98 298	15 209,459	199 805,500	13,137	12,666
26	35	98 215	14 103,597	184 596,041	13,089	12,618
27	36	98 130	13 077,787	170 492,444	13,037	12,566
28	37	98 039	12 125,990	157 414,657	12,982	12,511
29	38	97 945	11 243,023	145 288,667	12,923	12,452
30	39	97 835	10 422,626	134 045,643	12,861	12,390
31	40	97 722	9 661,729	123 623,017	12,795	12,324
32	41	97 594	8 955,135	113 961,288	12,726	12,255
33	42	97 460	8 299,612	105 006,154	12,652	12,181
34	43	97 312	7 690,911	96 706,541	12,574	12,103
35	44	97 149	7 125,767	89 015,631	12,492	12,021
36	45	96 976	6 601,522	81 889,864	12,405	11,934
37	46	96 781	6 114,383	75 288,342	12,313	11,843
38	47	96 569	5 662,139	69 173,958	12,217	11,746
39	48	96 334	5 242,082	63 511,819	12,116	11,645
40	49	96 073	4 851,875	58 269,737	12,010	11,539
41	50	95 786	4 489,466	53 417,861	11,898	11,428
42	51	95 481	4 153,289	48 928,396	11,781	11,310
43	52	95 139	3 840,760	44 775,107	11,658	11,187
44	53	94 771	3 550,719	40 934,347	11,528	11,058
45	54	94 358	3 280,959	37 383,628	11,394	10,923
46	55	93 901	3 030,231	34 102,669	11,254	10,783
47	56	93 392	2 797,044	31 072,438	11,109	10,638
48	57	92 838	2 580,454	28 275,394	10,958	10,487
49	58	92 228	2 379,121	25 694,940	10,800	10,330
50	59	91 554	2 191,865	23 315,820	10,637	10,167
51	60	90 820	2 017,910	21 123,954	10,468	9,998
52	61	90 007	1 855,993	19 106,045	10,294	9,824
53	62	89 124	1 705,613	17 250,052	10,114	9,643
54	63	88 162	1 565,835	15 544,439	9,927	9,457
55	64	87 101	1 435,730	13 978,603	9,736	9,266
56	65	85 939	1 314,688	12 542,873	9,541	9,070
57	66	84 692	1 202,430	11 228,185	9,338	8,867
58	67	83 335	1 098,055	10 025,755	9,130	8,660
59	68	81 871	1 001,180	8 927,700	8,917	8,447
60	69	80 290	911,228	7 926,520	8,699	8,228
61	70	78 582	827,698	7 015,292	8,476	8,005
62	71	76 753	750,279	6 187,594	8,247	7,776
63	72	74 797	678,573	5 437,315	8,013	7,542
64	73	72 733	612,385	4 758,742	7,771	7,300
65	74	70 519	551,041	4 146,357	7,525	7,054
66	75	68 193	494,537	3 595,315	7,270	6,799
67	76	65 771	442,665	3 100,779	7,005	6,534
68	77	63 194	394,732	2 658,114	6,734	6,263
69	78	60 507	350,764	2 263,382	6,453	5,982
70	79	57 605	309,920	1 912,618	6,171	5,701
71	80	54 551	272,379	1 602,698	5,884	5,413
72	81	51 267	237,570	1 330,319	5,600	5,129
73	82	47 794	205,547	1 092,749	5,316	4,846
74	83	44 128	176,130	887,202	5,037	4,567
75	84	40 331	149,399	711,072	4,760	4,289
76	85	36 436	125,260	561,673	4,484	4,013
77	86	32 411	103,409	436,413	4,220	3,750
78	87	28 381	84,039	333,005	3,962	3,492
79	88	24 383	67,007	248,966	3,715	3,245
80	89	20 508	52,306	181,958	3,479	3,008
81	90	16 845	39,872	129,652	3,252	2,781
82	91	13 434	29,511	89,780	3,042	2,572
83	92	10 370	21,141	60,269	2,851	2,380
84	93	7 739	14,643	39,128	2,672	2,201
85	94	5 559	9,761	24,485	2,508	2,038
86	95	3 831	6,244	14,724	2,358	1,888
87	96	2 526	3,820	8,480	2,220	1,749
88	97	1 566	2,198	4,660	2,120	1,649
89	98	934	1,217	2,462	2,022	1,552
90	99	536	0,648	1,245	1,921	1,450
91	100	291	0,326	0,597	1,829	1,358

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 607	99 607,197	1 363 561,618	13,689	13,219
1	11	99 247	92 108,180	1 263 954,421	13,722	13,252
2	12	99 211	85 452,993	1 171 846,241	13,713	13,243
3	13	99 188	79 288,115	1 086 393,248	13,702	13,231
4	14	99 168	73 570,309	1 007 105,133	13,689	13,218
5	15	99 148	68 265,140	933 534,824	13,675	13,204
6	16	99 126	63 341,046	865 269,683	13,660	13,190
7	17	99 103	58 771,195	801 928,637	13,645	13,174
8	18	99 081	54 531,908	743 157,442	13,628	13,157
9	19	99 053	50 595,361	688 625,534	13,610	13,140
10	20	99 027	46 944,288	638 030,173	13,591	13,121
11	21	99 001	43 556,278	591 085,886	13,571	13,100
12	22	98 977	40 413,666	547 529,608	13,548	13,077
13	23	98 954	37 498,195	507 115,941	13,524	13,053
14	24	98 927	34 791,510	469 617,747	13,498	13,027
15	25	98 896	32 278,914	434 826,237	13,471	13,000
16	26	98 861	29 946,742	402 547,323	13,442	12,971
17	27	98 818	27 780,693	372 600,580	13,412	12,942
18	28	98 770	25 769,916	344 819,887	13,381	12,910
19	29	98 709	23 901,597	319 049,972	13,348	12,878
20	30	98 644	22 167,898	295 148,375	13,314	12,844
21	31	98 570	20 558,049	272 980,477	13,279	12,808
22	32	98 499	19 065,675	252 422,428	13,240	12,769
23	33	98 421	17 680,275	233 356,753	13,199	12,728
24	34	98 345	16 395,978	215 676,478	13,154	12,684
25	35	98 258	15 203,284	199 280,500	13,108	12,637
26	36	98 175	14 097,785	184 077,216	13,057	12,587
27	37	98 085	13 071,791	169 979,431	13,004	12,533
28	38	97 993	12 120,234	156 907,640	12,946	12,475
29	39	97 886	11 236,241	144 787,406	12,886	12,415
30	40	97 776	10 416,361	133 551,165	12,821	12,351
31	41	97 655	9 655,104	123 134,804	12,753	12,283
32	42	97 522	8 948,506	113 479,700	12,681	12,211
33	43	97 383	8 293,024	104 531,195	12,605	12,134
34	44	97 223	7 683,927	96 238,171	12,525	12,054
35	45	97 054	7 118,851	88 554,244	12,439	11,969
36	46	96 865	6 593,915	81 435,393	12,350	11,879
37	47	96 664	6 106,939	74 841,477	12,255	11,784
38	48	96 437	5 654,381	68 734,538	12,156	11,685
39	49	96 180	5 233,726	63 080,158	12,053	11,582
40	50	95 905	4 843,394	57 846,432	11,943	11,473
41	51	95 609	4 481,146	53 003,038	11,828	11,357
42	52	95 277	4 144,390	48 521,892	11,708	11,237
43	53	94 917	3 831,799	44 377,502	11,581	11,111
44	54	94 528	3 541,602	40 545,703	11,448	10,978
45	55	94 085	3 271,482	37 004,101	11,311	10,840
46	56	93 596	3 020,397	33 732,620	11,168	10,698
47	57	93 058	2 787,039	30 712,223	11,020	10,549
48	58	92 474	2 570,328	27 925,184	10,864	10,394
49	59	91 827	2 368,773	25 354,856	10,704	10,233
50	60	91 123	2 181,549	22 986,083	10,537	10,066
51	61	90 341	2 007,263	20 804,534	10,365	9,894
52	62	89 495	1 845,440	18 797,271	10,186	9,715
53	63	88 578	1 695,150	16 951,831	10,000	9,530
54	64	87 567	1 555,268	15 256,681	9,810	9,339
55	65	86 450	1 425,002	13 701,413	9,615	9,144
56	66	85 254	1 304,209	12 276,411	9,413	8,942
57	67	83 950	1 191,894	10 972,202	9,206	8,735
58	68	82 545	1 087,643	9 780,308	8,992	8,522
59	69	81 014	990,702	8 692,665	8,774	8,304
60	70	79 363	900,699	7 701,963	8,551	8,080
61	71	77 592	817,270	6 801,263	8,322	7,851
62	72	75 701	739,999	5 983,994	8,086	7,616
63	73	73 689	668,521	5 243,995	7,844	7,374
64	74	71 539	602,332	4 575,474	7,596	7,126
65	75	69 261	541,209	3 973,142	7,341	6,871
66	76	66 881	485,026	3 431,933	7,076	6,605
67	77	64 352	433,119	2 946,907	6,804	6,333
68	78	61 690	385,339	2 513,788	6,524	6,053
69	79	58 846	341,136	2 128,449	6,239	5,769
70	80	55 795	300,184	1 787,313	5,954	5,483
71	81	52 562	262,448	1 487,129	5,666	5,196
72	82	49 079	227,432	1 224,681	5,385	4,914
73	83	45 434	195,397	997,249	5,104	4,633
74	84	41 625	166,142	801,852	4,826	4,356
75	85	37 703	139,663	635,711	4,552	4,081
76	86	33 662	115,725	496,047	4,286	3,816
77	87	29 585	94,393	380,323	4,029	3,558
78	88	25 545	75,640	285,929	3,780	3,309
79	89	21 598	59,355	210,290	3,543	3,072
80	90	17 852	45,531	150,935	3,315	2,844
81	91	14 361	33,992	105,403	3,101	2,630
82	92	11 182	24,564	71,412	2,907	2,436
83	93	8 425	17,177	46,847	2,727	2,257
84	94	6 122	11,583	29,670	2,562	2,091
85	95	4 279	7,514	18,087	2,407	1,936
86	96	2 863	4,665	10,573	2,266	1,796
87	97	1 804	2,729	5,908	2,165	1,694
88	98	1 098	1,541	3,179	2,063	1,592
89	99	642	0,836	1,638	1,959	1,488
90	100	355	0,430	0,802	1,866	1,395

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 601	99 601,371	1 362 816,759	13,683	13,212
1	12	99 239	92 101,058	1 263 215,388	13,716	13,245
2	13	99 204	85 446,283	1 171 114,330	13,706	13,235
3	14	99 179	79 280,645	1 085 668,047	13,694	13,223
4	15	99 159	73 563,526	1 006 387,402	13,681	13,210
5	16	99 136	68 256,834	932 823,876	13,666	13,196
6	17	99 112	63 331,720	864 567,042	13,651	13,181
7	18	99 089	58 763,192	801 235,322	13,635	13,164
8	19	99 061	54 521,164	742 472,130	13,618	13,147
9	20	99 035	50 586,518	687 950,966	13,599	13,129
10	21	99 009	46 935,609	637 364,448	13,580	13,109
11	22	98 985	43 549,096	590 428,840	13,558	13,087
12	23	98 961	40 407,086	546 879,744	13,534	13,064
13	24	98 937	37 491,446	506 472,657	13,509	13,038
14	25	98 909	34 785,249	468 981,211	13,482	13,012
15	26	98 877	32 272,774	434 195,962	13,454	12,983
16	27	98 843	29 941,106	401 923,188	13,424	12,953
17	28	98 797	27 774,715	371 982,081	13,393	12,922
18	29	98 746	25 763,843	344 207,366	13,360	12,889
19	30	98 683	23 895,412	318 443,523	13,327	12,856
20	31	98 613	22 160,868	294 548,111	13,291	12,821
21	32	98 539	20 551,594	272 387,243	13,254	12,783
22	33	98 465	19 059,143	251 835,650	13,213	12,743
23	34	98 385	17 673,904	232 776,507	13,171	12,700
24	35	98 305	16 389,321	215 102,603	13,125	12,654
25	36	98 218	15 197,018	198 713,282	13,076	12,605
26	37	98 130	14 091,321	183 516,263	13,023	12,553
27	38	98 038	13 065,586	169 424,942	12,967	12,497
28	39	97 934	12 112,923	156 359,356	12,908	12,438
29	40	97 828	11 229,486	144 246,433	12,845	12,375
30	41	97 709	10 409,218	133 016,947	12,779	12,308
31	42	97 582	9 647,957	122 607,729	12,708	12,237
32	43	97 445	8 941,403	112 959,772	12,633	12,163
33	44	97 295	8 285,494	104 018,369	12,554	12,084
34	45	97 129	7 676,469	95 732,876	12,471	12,000
35	46	96 942	7 110,648	88 056,407	12,384	11,913
36	47	96 747	6 585,887	80 945,758	12,291	11,820
37	48	96 531	6 098,571	74 359,871	12,193	11,722
38	49	96 283	5 645,367	68 261,301	12,092	11,621
39	50	96 012	5 224,577	62 615,933	11,985	11,514
40	51	95 727	4 834,418	57 391,356	11,871	11,401
41	52	95 404	4 471,544	52 556,938	11,754	11,283
42	53	95 054	4 134,721	48 085,394	11,630	11,159
43	54	94 674	3 821,961	43 950,673	11,500	11,029
44	55	94 255	3 531,371	40 128,713	11,363	10,893
45	56	93 780	3 260,864	36 597,342	11,223	10,753
46	57	93 262	3 009,593	33 336,477	11,077	10,606
47	58	92 693	2 776,102	30 326,885	10,924	10,454
48	59	92 071	2 559,149	27 550,783	10,766	10,295
49	60	91 395	2 357,625	24 991,634	10,600	10,130
50	61	90 642	2 170,040	22 634,009	10,430	9,960
51	62	89 827	1 995,850	20 463,970	10,253	9,783
52	63	88 946	1 834,119	18 468,119	10,069	9,599
53	64	87 980	1 683,710	16 634,000	9,879	9,409
54	65	86 912	1 543,646	14 950,290	9,685	9,214
55	66	85 761	1 413,644	13 406,645	9,484	9,013
56	67	84 507	1 292,782	11 993,001	9,277	8,806
57	68	83 154	1 180,592	10 700,219	9,063	8,593
58	69	81 681	1 076,260	9 519,627	8,845	8,374
59	70	80 078	979,255	8 443,367	8,622	8,152
60	71	78 363	889,352	7 464,112	8,393	7,922
61	72	76 529	806,072	6 574,760	8,157	7,686
62	73	74 580	729,037	5 768,689	7,913	7,442
63	74	72 479	657,546	5 039,652	7,664	7,194
64	75	70 262	591,584	4 382,105	7,407	6,937
65	76	67 929	530,801	3 790,521	7,141	6,670
66	77	65 439	474,566	3 259,720	6,869	6,398
67	78	62 821	422,812	2 785,154	6,587	6,117
68	79	59 997	374,762	2 362,342	6,304	5,833
69	80	56 998	330,420	1 987,580	6,015	5,545
70	81	53 761	289,239	1 657,160	5,729	5,259
71	82	50 319	251,248	1 367,922	5,445	4,974
72	83	46 655	216,201	1 116,673	5,165	4,694
73	84	42 857	184,316	900,472	4,885	4,415
74	85	38 913	155,315	716,156	4,611	4,140
75	86	34 833	129,032	560,841	4,347	3,876
76	87	30 727	105,636	431,809	4,088	3,617
77	88	26 628	84,959	326,174	3,839	3,369
78	89	22 627	67,001	241,214	3,600	3,129
79	90	18 801	51,667	174,213	3,372	2,901
80	91	15 219	38,816	122,545	3,157	2,686
81	92	11 953	28,294	83,729	2,959	2,489
82	93	9 085	19,958	55,435	2,778	2,307
83	94	6 665	13,587	35,477	2,611	2,140
84	95	4 713	8,917	21,889	2,455	1,984
85	96	3 197	5,615	12,973	2,310	1,840
86	97	2 045	3,333	7,358	2,208	1,737
87	98	1 265	1,913	4,025	2,104	1,633
88	99	754	1,058	2,112	1,995	1,525
89	100	426	0,554	1,054	1,900	1,430

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 594	99 593,669	1 362 012,068	13,676	13,205
1	13	99 231	92 093,826	1 262 418,399	13,708	13,237
2	14	99 194	85 438,233	1 170 324,573	13,698	13,227
3	15	99 170	79 273,335	1 084 886,341	13,685	13,215
4	16	99 147	73 554,575	1 005 613,006	13,672	13,201
5	17	99 122	68 246,784	932 058,431	13,657	13,187
6	18	99 098	63 323,096	863 811,647	13,641	13,171
7	19	99 070	58 751,615	800 488,551	13,625	13,154
8	20	99 044	54 511,634	741 736,936	13,607	13,136
9	21	99 017	50 577,165	687 225,301	13,588	13,117
10	22	98 993	46 927,869	636 648,136	13,567	13,096
11	23	98 969	43 542,006	589 720,267	13,544	13,073
12	24	98 943	40 399,815	546 178,262	13,519	13,049
13	25	98 919	37 484,700	505 778,447	13,493	13,022
14	26	98 890	34 778,632	468 293,747	13,465	12,994
15	27	98 858	32 266,700	433 515,114	13,435	12,965
16	28	98 821	29 934,664	401 248,414	13,404	12,933
17	29	98 774	27 768,170	371 313,750	13,372	12,901
18	30	98 721	25 757,176	343 545,580	13,338	12,867
19	31	98 652	23 887,834	317 788,404	13,303	12,833
20	32	98 582	22 153,909	293 900,570	13,266	12,796
21	33	98 505	20 544,552	271 746,661	13,227	12,757
22	34	98 430	19 052,275	251 202,109	13,185	12,714
23	35	98 345	17 666,729	232 149,833	13,141	12,670
24	36	98 264	16 382,567	214 483,105	13,092	12,621
25	37	98 173	15 190,050	198 100,538	13,041	12,571
26	38	98 083	14 084,632	182 910,488	12,987	12,516
27	39	97 979	13 057,705	168 825,855	12,929	12,459
28	40	97 875	12 105,641	155 768,151	12,867	12,397
29	41	97 760	11 221,786	143 662,510	12,802	12,331
30	42	97 637	10 401,513	132 440,723	12,733	12,262
31	43	97 505	9 640,298	122 039,211	12,659	12,189
32	44	97 356	8 933,283	112 398,912	12,582	12,111
33	45	97 200	8 277,452	103 465,629	12,500	12,029
34	46	97 017	7 667,624	95 188,177	12,414	11,944
35	47	96 824	7 101,991	87 520,553	12,323	11,853
36	48	96 614	6 576,862	80 418,562	12,227	11,757
37	49	96 377	6 088,849	73 841,699	12,127	11,657
38	50	96 115	5 635,499	67 752,850	12,023	11,552
39	51	95 834	5 214,895	62 117,351	11,912	11,441
40	52	95 522	4 824,060	56 902,457	11,796	11,325
41	53	95 181	4 461,112	52 078,397	11,674	11,203
42	54	94 810	4 124,104	47 617,285	11,546	11,075
43	55	94 400	3 810,920	43 493,181	11,413	10,942
44	56	93 949	3 519,910	39 682,261	11,274	10,803
45	57	93 445	3 249,200	36 162,351	11,130	10,659
46	58	92 896	2 997,783	32 913,150	10,979	10,509
47	59	92 290	2 764,028	29 915,368	10,823	10,352
48	60	91 638	2 547,104	27 151,340	10,660	10,189
49	61	90 913	2 345,186	24 604,236	10,491	10,021
50	62	90 127	2 157,701	22 259,050	10,316	9,845
51	63	89 276	1 983,607	20 101,349	10,134	9,663
52	64	88 346	1 821,741	18 117,742	9,945	9,475
53	65	87 322	1 671,128	16 296,001	9,751	9,281
54	66	86 219	1 531,342	14 624,873	9,550	9,080
55	67	85 010	1 401,257	13 093,531	9,344	8,873
56	68	83 706	1 280,523	11 692,273	9,131	8,660
57	69	82 284	1 168,236	10 411,750	8,912	8,442
58	70	80 737	1 063,825	9 243,514	8,689	8,218
59	71	79 070	966,918	8 179,689	8,460	7,989
60	72	77 289	877,166	7 212,772	8,223	7,752
61	73	75 396	794,131	6 335,606	7,978	7,507
62	74	73 355	717,069	5 541,475	7,728	7,257
63	75	71 186	645,814	4 824,406	7,470	7,000
64	76	68 911	580,207	4 178,592	7,202	6,731
65	77	66 464	519,354	3 598,385	6,929	6,458
66	78	63 882	463,273	3 079,031	6,646	6,176
67	79	61 097	411,206	2 615,758	6,361	5,891
68	80	58 112	362,989	2 204,552	6,073	5,603
69	81	54 920	318,372	1 841,563	5,784	5,314
70	82	51 467	276,896	1 523,191	5,501	5,030
71	83	47 834	238,842	1 246,295	5,218	4,747
72	84	44 010	203,940	1 007,453	4,940	4,469
73	85	40 065	172,305	803,513	4,663	4,193
74	86	35 951	143,492	631,207	4,399	3,928
75	87	31 796	117,783	487,715	4,141	3,670
76	88	27 656	95,078	369,933	3,891	3,420
77	89	23 587	75,257	274,855	3,652	3,182
78	90	19 697	58,324	199,598	3,422	2,952
79	91	16 028	44,048	141,275	3,207	2,737
80	92	12 668	32,309	97,227	3,009	2,539
81	93	9 712	22,989	64,917	2,824	2,353
82	94	7 187	15,788	41,929	2,656	2,185
83	95	5 131	10,460	26,141	2,499	2,028
84	96	3 521	6,663	15,681	2,353	1,883
85	97	2 284	4,011	9,018	2,248	1,778
86	98	1 434	2,336	5,007	2,143	1,673
87	99	869	1,314	2,671	2,033	1,562
88	100	500	0,702	1,357	1,934	1,463

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	13	99 586	99 585,848	1 361 144,810	13,668	13,197
1	14	99 222	92 085,149	1 261 558,962	13,700	13,229
2	15	99 185	85 430,355	1 169 473,813	13,689	13,219
3	16	99 158	79 263,690	1 084 043,458	13,676	13,206
4	17	99 132	73 543,745	1 004 779,768	13,662	13,192
5	18	99 108	68 237,491	931 236,024	13,647	13,176
6	19	99 079	63 310,621	862 998,533	13,631	13,161
7	20	99 052	58 741,346	799 687,912	13,614	13,143
8	21	99 026	54 501,556	740 946,566	13,595	13,124
9	22	99 001	50 568,825	686 445,010	13,574	13,104
10	23	98 977	46 920,229	635 876,185	13,552	13,082
11	24	98 951	43 534,170	588 955,956	13,529	13,058
12	25	98 926	40 392,545	545 421,786	13,503	13,032
13	26	98 900	37 477,570	505 029,241	13,476	13,005
14	27	98 872	34 772,087	467 551,671	13,446	12,976
15	28	98 837	32 259,757	432 779,584	13,415	12,945
16	29	98 798	29 927,610	400 519,827	13,383	12,912
17	30	98 748	27 760,985	370 592,217	13,349	12,879
18	31	98 690	25 749,008	342 831,233	13,314	12,844
19	32	98 621	23 880,333	317 082,225	13,278	12,807
20	33	98 548	22 146,318	293 201,891	13,239	12,769
21	34	98 470	20 537,149	271 055,573	13,198	12,728
22	35	98 390	19 044,540	250 518,424	13,154	12,684
23	36	98 305	17 659,448	231 473,884	13,108	12,637
24	37	98 219	16 375,055	213 814,436	13,057	12,587
25	38	98 126	15 182,840	197 439,381	13,004	12,533
26	39	98 024	14 076,136	182 256,541	12,948	12,477
27	40	97 920	13 049,855	168 180,405	12,888	12,417
28	41	97 808	12 097,340	155 130,550	12,824	12,353
29	42	97 688	11 213,479	143 033,209	12,755	12,285
30	43	97 560	10 393,256	131 819,730	12,683	12,213
31	44	97 416	9 631,544	121 426,474	12,607	12,137
32	45	97 262	8 924,613	111 794,929	12,527	12,056
33	46	97 088	8 267,914	102 870,317	12,442	11,971
34	47	96 899	7 658,289	94 602,402	12,353	11,882
35	48	96 692	7 092,259	86 944,114	12,259	11,788
36	49	96 460	6 566,379	79 851,854	12,161	11,690
37	50	96 209	6 078,205	73 285,476	12,057	11,586
38	51	95 936	5 625,055	67 207,270	11,948	11,477
39	52	95 629	5 203,721	61 582,215	11,834	11,364
40	53	95 299	4 812,805	56 378,494	11,714	11,244
41	54	94 937	4 449,657	51 565,689	11,589	11,118
42	55	94 536	4 112,191	47 116,032	11,458	10,987
43	56	94 094	3 798,552	43 003,841	11,321	10,850
44	57	93 613	3 507,319	39 205,289	11,178	10,707
45	58	93 078	3 236,450	35 697,969	11,030	10,559
46	59	92 492	2 984,744	32 461,519	10,876	10,405
47	60	91 856	2 751,019	29 476,775	10,715	10,244
48	61	91 155	2 533,666	26 725,756	10,548	10,078
49	62	90 396	2 331,851	24 192,090	10,375	9,904
50	63	89 574	2 144,465	21 860,239	10,194	9,723
51	64	88 674	1 970,219	19 715,774	10,007	9,536
52	65	87 685	1 808,128	17 745,554	9,814	9,344
53	66	86 626	1 657,809	15 937,427	9,614	9,143
54	67	85 464	1 517,924	14 279,618	9,407	8,937
55	68	84 204	1 387,970	12 761,694	9,195	8,724
56	69	82 830	1 267,122	11 373,724	8,976	8,505
57	70	81 333	1 154,738	10 106,602	8,752	8,282
58	71	79 720	1 050,422	8 951,864	8,522	8,051
59	72	77 986	953,669	7 901,443	8,285	7,815
60	73	76 144	864,172	6 947,773	8,040	7,569
61	74	74 158	781,094	6 083,601	7,789	7,318
62	75	72 047	704,274	5 302,507	7,529	7,058
63	76	69 817	633,394	4 598,233	7,260	6,789
64	77	67 425	567,695	3 964,839	6,984	6,513
65	78	64 882	506,995	3 397,145	6,701	6,230
66	79	62 128	450,557	2 890,150	6,415	5,944
67	80	59 177	398,289	2 439,593	6,125	5,655
68	81	55 994	349,754	2 041,304	5,836	5,366
69	82	52 576	304,786	1 691,550	5,550	5,079
70	83	48 925	263,223	1 386,764	5,268	4,798
71	84	45 121	225,297	1 123,541	4,987	4,516
72	85	41 142	190,651	898,244	4,711	4,241
73	86	37 015	159,189	707,593	4,445	3,974
74	87	32 816	130,982	548,405	4,187	3,716
75	88	28 618	106,011	417,422	3,938	3,467
76	89	24 498	84,220	311,412	3,698	3,227
77	90	20 532	65,510	227,192	3,468	2,997
78	91	16 792	49,722	161,682	3,252	2,781
79	92	13 341	36,664	111,960	3,054	2,583
80	93	10 293	26,251	75,296	2,868	2,398
81	94	7 683	18,185	49,045	2,697	2,226
82	95	5 533	12,154	30,860	2,539	2,068
83	96	3 834	7,816	18,706	2,393	1,923
84	97	2 516	4,760	10,890	2,288	1,817
85	98	1 601	2,812	6,131	2,181	1,710
86	99	985	1,605	3,319	2,068	1,598
87	100	576	0,871	1,715	1,968	1,497

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,466	1 360 210,152	13,660	13,189
1	15	99 213	92 076,659	1 260 633,686	13,691	13,220
2	16	99 173	85 419,961	1 168 557,027	13,680	13,209
3	17	99 143	79 252,018	1 083 137,067	13,667	13,196
4	18	99 119	73 533,731	1 003 885,048	13,652	13,181
5	19	99 089	68 224,047	930 351,318	13,637	13,166
6	20	99 061	63 299,555	862 127,271	13,620	13,149
7	21	99 034	58 730,486	798 827,716	13,602	13,131
8	22	99 009	54 492,569	740 097,230	13,582	13,111
9	23	98 985	50 560,592	685 604,661	13,560	13,089
10	24	98 959	46 911,785	635 044,069	13,537	13,066
11	25	98 933	43 526,336	588 132,284	13,512	13,041
12	26	98 907	40 384,862	544 605,948	13,485	13,015
13	27	98 881	37 470,517	504 221,087	13,456	12,986
14	28	98 851	34 764,605	466 750,570	13,426	12,955
15	29	98 814	32 252,155	431 985,965	13,394	12,923
16	30	98 773	29 919,865	399 733,810	13,360	12,889
17	31	98 717	27 752,181	369 813,944	13,326	12,855
18	32	98 659	25 740,923	342 061,764	13,289	12,818
19	33	98 587	23 872,151	316 320,841	13,251	12,780
20	34	98 512	22 138,338	292 448,690	13,210	12,739
21	35	98 430	20 528,811	270 310,351	13,167	12,697
22	36	98 349	19 036,691	249 781,540	13,121	12,650
23	37	98 260	17 651,351	230 744,849	13,072	12,602
24	38	98 173	16 367,282	213 093,498	13,019	12,549
25	39	98 067	15 173,681	196 726,215	12,965	12,494
26	40	97 965	14 067,674	181 552,534	12,906	12,435
27	41	97 853	13 040,907	167 484,860	12,843	12,372
28	42	97 735	12 088,385	154 443,953	12,776	12,306
29	43	97 611	11 204,579	142 355,568	12,705	12,234
30	44	97 471	10 383,819	131 150,990	12,630	12,160
31	45	97 322	9 622,196	120 767,171	12,551	12,080
32	46	97 150	8 914,329	111 144,975	12,468	11,997
33	47	96 970	8 257,848	102 230,645	12,380	11,909
34	48	96 766	7 647,794	93 972,797	12,288	11,817
35	49	96 538	7 080,954	86 325,003	12,191	11,720
36	50	96 292	6 554,900	79 244,049	12,089	11,619
37	51	96 030	6 066,941	72 689,149	11,981	11,511
38	52	95 731	5 613,002	66 622,208	11,869	11,399
39	53	95 406	5 191,581	61 009,205	11,752	11,281
40	54	95 055	4 800,447	55 817,624	11,628	11,157
41	55	94 663	4 436,804	51 017,177	11,499	11,028
42	56	94 230	4 098,845	46 580,373	11,364	10,894
43	57	93 757	3 784,965	42 481,528	11,224	10,753
44	58	93 246	3 493,556	38 696,564	11,077	10,606
45	59	92 673	3 222,373	35 203,007	10,925	10,454
46	60	92 056	2 970,697	31 980,634	10,765	10,295
47	61	91 371	2 736,505	29 009,937	10,601	10,130
48	62	90 636	2 519,260	26 273,432	10,429	9,958
49	63	89 841	2 317,547	23 754,172	10,250	9,779
50	64	88 970	2 129,992	21 436,626	10,064	9,594
51	65	88 011	1 955,497	19 306,634	9,873	9,402
52	66	86 987	1 793,716	17 351,137	9,673	9,203
53	67	85 867	1 643,283	15 557,421	9,467	8,997
54	68	84 654	1 503,531	13 914,138	9,254	8,784
55	69	83 322	1 373,444	12 410,607	9,036	8,565
56	70	81 873	1 252,481	11 037,163	8,812	8,342
57	71	80 309	1 140,190	9 784,682	8,582	8,111
58	72	78 627	1 036,029	8 644,493	8,344	7,873
59	73	76 831	939,542	7 608,464	8,098	7,627
60	74	74 894	849,986	6 668,922	7,846	7,375
61	75	72 835	767,157	5 818,936	7,585	7,114
62	76	70 661	690,730	5 051,779	7,314	6,843
63	77	68 312	619,734	4 361,049	7,037	6,566
64	78	65 820	554,186	3 741,315	6,751	6,280
65	79	63 101	493,079	3 187,130	6,464	5,993
66	80	60 177	436,403	2 694,051	6,173	5,703
67	81	57 020	383,766	2 257,648	5,883	5,412
68	82	53 604	334,829	1 873,881	5,597	5,126
69	83	49 980	289,736	1 539,053	5,312	4,841
70	84	46 151	248,295	1 249,317	5,032	4,561
71	85	42 181	210,616	1 001,022	4,753	4,282
72	86	38 010	176,138	790,406	4,487	4,017
73	87	33 788	145,311	614,268	4,227	3,757
74	88	29 537	117,891	468,958	3,978	3,507
75	89	25 350	93,904	351,066	3,739	3,268
76	90	21 325	73,312	257,162	3,508	3,037
77	91	17 504	55,849	183,850	3,292	2,821
78	92	13 977	41,387	128,002	3,093	2,622
79	93	10 840	29,789	86,615	2,908	2,437
80	94	8 142	20,766	56,826	2,737	2,266
81	95	5 914	13,999	36,060	2,576	2,105
82	96	4 134	9,082	22,061	2,429	1,959
83	97	2 739	5,583	12,979	2,325	1,854
84	98	1 763	3,336	7,396	2,217	1,746
85	99	1 100	1,931	4,060	2,102	1,631
86	100	653	1,064	2,128	2,000	1,530

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 567	99 567,285	1 359 204,456	13,651	13,180
1	16	99 201	92 065,456	1 259 637,172	13,682	13,211
2	17	99 159	85 407,383	1 167 571,716	13,671	13,200
3	18	99 130	79 241,227	1 082 164,333	13,657	13,186
4	19	99 099	73 519,243	1 002 923,106	13,642	13,171
5	20	99 071	68 212,122	929 403,863	13,625	13,155
6	21	99 043	63 287,852	861 191,741	13,608	13,137
7	22	99 018	58 720,801	797 903,889	13,588	13,117
8	23	98 993	54 483,697	739 183,088	13,567	13,096
9	24	98 967	50 551,493	684 699,390	13,545	13,074
10	25	98 941	46 903,344	634 147,898	13,520	13,050
11	26	98 914	43 518,056	587 244,554	13,494	13,024
12	27	98 888	40 377,261	543 726,497	13,466	12,995
13	28	98 860	37 462,454	503 349,236	13,436	12,965
14	29	98 827	34 756,413	465 886,782	13,404	12,934
15	30	98 788	32 243,810	431 130,370	13,371	12,900
16	31	98 741	29 910,377	398 886,560	13,336	12,865
17	32	98 686	27 743,467	368 976,183	13,300	12,829
18	33	98 625	25 732,103	341 232,717	13,261	12,790
19	34	98 552	23 863,549	315 500,614	13,221	12,750
20	35	98 472	22 129,350	291 637,064	13,179	12,708
21	36	98 389	20 520,351	269 507,714	13,134	12,663
22	37	98 304	19 027,963	248 987,363	13,085	12,615
23	38	98 213	17 642,972	229 959,400	13,034	12,563
24	39	98 114	16 357,409	212 316,428	12,980	12,509
25	40	98 008	15 164,560	195 959,019	12,922	12,452
26	41	97 898	14 058,028	180 794,459	12,861	12,390
27	42	97 781	13 031,253	166 736,431	12,795	12,324
28	43	97 658	12 078,790	153 705,178	12,725	12,255
29	44	97 522	11 194,404	141 626,388	12,652	12,181
30	45	97 376	10 373,740	130 431,984	12,573	12,103
31	46	97 210	9 611,109	120 058,244	12,492	12,021
32	47	97 031	8 903,476	110 447,135	12,405	11,934
33	48	96 837	8 246,532	101 543,659	12,313	11,843
34	49	96 612	7 635,604	93 297,126	12,219	11,748
35	50	96 369	7 068,576	85 661,523	12,119	11,648
36	51	96 113	6 542,753	78 592,947	12,012	11,542
37	52	95 825	6 053,942	72 050,195	11,901	11,431
38	53	95 507	5 599,907	65 996,253	11,785	11,315
39	54	95 161	5 178,251	60 396,346	11,663	11,193
40	55	94 780	4 786,580	55 218,095	11,536	11,065
41	56	94 355	4 422,404	50 431,515	11,404	10,933
42	57	93 893	4 084,184	46 009,110	11,265	10,795
43	58	93 389	3 770,112	41 924,927	11,120	10,650
44	59	92 840	3 478,361	38 154,815	10,969	10,499
45	60	92 237	3 207,208	34 676,453	10,812	10,341
46	61	91 571	2 955,023	31 469,246	10,649	10,179
47	62	90 851	2 720,945	28 514,222	10,480	10,009
48	63	90 080	2 503,806	25 793,277	10,302	9,831
49	64	89 235	2 301,906	23 289,471	10,117	9,647
50	65	88 305	2 114,075	20 987,565	9,928	9,457
51	66	87 310	1 939,911	18 873,490	9,729	9,258
52	67	86 224	1 777,999	16 933,579	9,524	9,053
53	68	85 053	1 627,701	15 155,580	9,311	8,840
54	69	83 768	1 487,796	13 527,879	9,093	8,622
55	70	82 360	1 357,575	12 040,084	8,869	8,398
56	71	80 841	1 236,701	10 682,509	8,638	8,167
57	72	79 208	1 124,567	9 445,808	8,400	7,929
58	73	77 463	1 020,682	8 321,241	8,153	7,682
59	74	75 570	924,118	7 300,560	7,900	7,429
60	75	73 558	834,819	6 376,441	7,638	7,167
61	76	71 434	752,404	5 541,622	7,365	6,895
62	77	69 137	675,834	4 789,219	7,086	6,616
63	78	66 686	604,987	4 113,385	6,799	6,328
64	79	64 014	538,974	3 508,398	6,509	6,039
65	80	61 119	477,589	2 969,424	6,218	5,747
66	81	57 983	420,491	2 491,835	5,926	5,455
67	82	54 586	367,390	2 071,344	5,638	5,167
68	83	50 957	318,295	1 703,954	5,353	4,883
69	84	47 145	273,304	1 385,659	5,070	4,599
70	85	43 143	232,115	1 112,355	4,792	4,322
71	86	38 970	194,583	880,239	4,524	4,053
72	87	34 696	160,782	685,656	4,265	3,794
73	88	30 411	130,787	524,874	4,013	3,543
74	89	26 163	104,428	394,087	3,774	3,303
75	90	22 067	81,742	289,659	3,544	3,073
76	91	18 180	62,500	207,917	3,327	2,856
77	92	14 570	46,486	145,417	3,128	2,658
78	93	11 356	33,627	98,931	2,942	2,471
79	94	8 575	23,564	65,304	2,771	2,301
80	95	6 268	15,986	41,740	2,611	2,140
81	96	4 419	10,460	25,754	2,462	1,991
82	97	2 953	6,487	15,293	2,357	1,887
83	98	1 920	3,914	8,806	2,250	1,779
84	99	1 211	2,292	4,892	2,135	1,664
85	100	729	1,280	2,600	2,031	1,560

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 555	99 555,170	1 358 121,907	13,642	13,171
1	17	99 186	92 051,899	1 258 566,736	13,672	13,202
2	18	99 145	85 395,753	1 166 514,837	13,660	13,189
3	19	99 110	79 225,615	1 081 119,083	13,646	13,175
4	20	99 082	73 506,393	1 001 893,468	13,630	13,159
5	21	99 053	68 199,511	928 387,075	13,613	13,142
6	22	99 027	63 277,416	860 187,564	13,594	13,123
7	23	99 002	58 711,241	796 910,148	13,573	13,103
8	24	98 975	54 473,892	738 198,907	13,551	13,081
9	25	98 949	50 542,397	683 725,015	13,528	13,057
10	26	98 922	46 894,422	633 182,618	13,502	13,032
11	27	98 896	43 509,867	586 288,197	13,475	13,004
12	28	98 867	40 368,573	542 778,330	13,446	12,975
13	29	98 837	37 453,626	502 409,757	13,414	12,944
14	30	98 802	34 747,419	464 956,131	13,381	12,910
15	31	98 757	32 233,584	430 208,713	13,347	12,876
16	32	98 710	29 900,985	397 975,129	13,310	12,839
17	33	98 652	27 733,961	368 074,143	13,272	12,801
18	34	98 589	25 722,831	340 340,183	13,231	12,760
19	35	98 512	23 853,861	314 617,352	13,189	12,719
20	36	98 432	22 120,230	290 763,491	13,145	12,674
21	37	98 344	20 510,942	268 643,261	13,098	12,627
22	38	98 258	19 018,931	248 132,318	13,047	12,576
23	39	98 154	17 632,329	229 113,387	12,994	12,523
24	40	98 055	16 347,576	211 481,058	12,937	12,466
25	41	97 941	15 154,161	195 133,482	12,877	12,406
26	42	97 825	14 047,621	179 979,321	12,812	12,341
27	43	97 703	13 020,910	165 931,700	12,743	12,273
28	44	97 569	12 067,822	152 910,790	12,671	12,200
29	45	97 427	11 183,539	140 842,969	12,594	12,123
30	46	97 264	10 361,787	129 659,430	12,513	12,043
31	47	97 091	9 599,408	119 297,643	12,428	11,957
32	48	96 898	8 891,276	109 698,235	12,338	11,867
33	49	96 683	8 233,387	100 806,959	12,244	11,773
34	50	96 443	7 622,256	92 573,572	12,145	11,675
35	51	96 190	7 055,476	84 951,316	12,040	11,570
36	52	95 907	6 528,733	77 895,840	11,931	11,461
37	53	95 601	6 039,818	71 367,107	11,816	11,345
38	54	95 262	5 585,529	65 327,289	11,696	11,225
39	55	94 886	5 163,292	59 741,760	11,570	11,100
40	56	94 472	4 771,046	54 578,468	11,440	10,969
41	57	94 018	4 406,585	49 807,422	11,303	10,832
42	58	93 524	4 068,157	45 400,837	11,160	10,689
43	59	92 983	3 753,714	41 332,680	11,011	10,540
44	60	92 403	3 461,991	37 578,966	10,855	10,384
45	61	91 750	3 190,287	34 116,975	10,694	10,223
46	62	91 050	2 938,222	30 926,688	10,526	10,055
47	63	90 294	2 704,254	27 988,466	10,350	9,879
48	64	89 472	2 486,908	25 284,212	10,167	9,696
49	65	88 568	2 284,705	22 797,305	9,978	9,508
50	66	87 601	2 097,225	20 512,600	9,781	9,310
51	67	86 545	1 922,913	18 415,375	9,577	9,106
52	68	85 407	1 761,140	16 492,462	9,365	8,894
53	69	84 163	1 610,666	14 731,322	9,146	8,675
54	70	82 800	1 470,605	13 120,657	8,922	8,451
55	71	81 322	1 340,471	11 650,052	8,691	8,220
56	72	79 733	1 219,756	10 309,581	8,452	7,982
57	73	78 035	1 107,908	9 089,825	8,204	7,734
58	74	76 191	1 003,926	7 981,917	7,951	7,480
59	75	74 221	907,629	6 977,991	7,688	7,217
60	76	72 143	818,764	6 070,362	7,414	6,943
61	77	69 893	736,177	5 251,598	7,134	6,663
62	78	67 492	659,751	4 515,420	6,844	6,373
63	79	64 856	588,381	3 855,669	6,553	6,082
64	80	62 003	522,043	3 267,288	6,259	5,788
65	81	58 891	460,176	2 745,246	5,966	5,495
66	82	55 508	402,547	2 285,070	5,677	5,206
67	83	51 891	349,248	1 882,523	5,390	4,920
68	84	48 067	300,244	1 533,275	5,107	4,636
69	85	44 073	255,495	1 233,030	4,826	4,355
70	86	39 859	214,446	977,535	4,558	4,088
71	87	35 573	177,619	763,090	4,296	3,826
72	88	31 228	144,713	585,471	4,046	3,575
73	89	26 938	115,851	440,758	3,805	3,334
74	90	22 775	90,903	324,907	3,574	3,104
75	91	18 813	69,687	234,004	3,358	2,887
76	92	15 132	52,023	164,317	3,159	2,688
77	93	11 838	37,770	112,294	2,973	2,502
78	94	8 983	26,600	74,524	2,802	2,331
79	95	6 601	18,140	47,925	2,642	2,171
80	96	4 684	11,945	29,784	2,493	2,023
81	97	3 157	7,472	17,839	2,387	1,917
82	98	2 070	4,548	10,367	2,280	1,809
83	99	1 319	2,688	5,819	2,165	1,694
84	100	803	1,519	3,131	2,060	1,590

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	17	99 541	99 540,511	1 356 959,621	13,632	13,162
1	18	99 172	92 039,365	1 257 419,110	13,662	13,191
2	19	99 125	85 378,929	1 165 379,744	13,650	13,179
3	20	99 093	79 211,768	1 080 000,815	13,634	13,164
4	21	99 064	73 492,803	1 000 789,048	13,618	13,147
5	22	99 037	68 188,265	927 296,245	13,599	13,128
6	23	99 011	63 267,114	859 107,979	13,579	13,108
7	24	98 984	58 700,675	795 840,866	13,558	13,087
8	25	98 957	54 464,090	737 140,191	13,534	13,064
9	26	98 930	50 532,782	682 676,101	13,510	13,039
10	27	98 904	46 885,596	632 143,318	13,483	13,012
11	28	98 875	43 500,504	585 257,722	13,454	12,983
12	29	98 844	40 359,060	541 757,218	13,423	12,953
13	30	98 811	37 443,934	501 398,158	13,391	12,920
14	31	98 770	34 736,399	463 954,224	13,356	12,886
15	32	98 726	32 223,463	429 217,824	13,320	12,849
16	33	98 676	29 890,740	396 994,362	13,282	12,811
17	34	98 616	27 723,967	367 103,621	13,241	12,771
18	35	98 549	25 712,388	339 379,654	13,199	12,728
19	36	98 471	23 844,030	313 667,266	13,155	12,684
20	37	98 387	22 110,088	289 823,236	13,108	12,638
21	38	98 297	20 501,206	267 713,148	13,058	12,588
22	39	98 198	19 007,458	247 211,942	13,006	12,535
23	40	98 095	17 621,730	228 204,484	12,950	12,480
24	41	97 987	16 336,366	210 582,754	12,890	12,420
25	42	97 868	15 142,943	194 246,388	12,828	12,357
26	43	97 748	14 036,471	179 103,445	12,760	12,289
27	44	97 614	13 009,086	165 066,974	12,689	12,218
28	45	97 474	12 056,109	152 057,888	12,613	12,142
29	46	97 315	11 170,653	140 001,780	12,533	12,062
30	47	97 146	10 349,172	128 831,127	12,448	11,978
31	48	96 958	9 586,254	118 481,955	12,360	11,889
32	49	96 744	8 877,103	108 895,702	12,267	11,796
33	50	96 514	8 218,994	100 018,599	12,169	11,699
34	51	96 264	7 608,130	91 799,605	12,066	11,595
35	52	95 984	7 040,358	84 191,474	11,958	11,488
36	53	95 683	6 513,502	77 151,116	11,845	11,374
37	54	95 356	6 024,310	70 637,614	11,725	11,255
38	55	94 987	5 569,394	64 613,304	11,601	11,131
39	56	94 578	5 146,535	59 043,910	11,473	11,002
40	57	94 134	4 753,980	53 897,375	11,337	10,867
41	58	93 649	4 389,293	49 143,395	11,196	10,726
42	59	93 117	4 050,463	44 754,102	11,049	10,578
43	60	92 546	3 736,048	40 703,639	10,895	10,424
44	61	91 916	3 443,726	36 967,591	10,735	10,264
45	62	91 229	3 172,147	33 523,866	10,568	10,098
46	63	90 491	2 920,197	30 351,718	10,394	9,923
47	64	89 685	2 686,003	27 431,521	10,213	9,742
48	65	88 804	2 468,324	24 745,518	10,025	9,555
49	66	87 862	2 266,494	22 277,194	9,829	9,358
50	67	86 833	2 078,849	20 010,700	9,626	9,155
51	68	85 724	1 904,679	17 931,851	9,415	8,944
52	69	84 513	1 742,708	16 027,171	9,197	8,726
53	70	83 191	1 592,055	14 284,463	8,972	8,502
54	71	81 757	1 452,077	12 692,408	8,741	8,270
55	72	80 208	1 322,104	11 240,331	8,502	8,031
56	73	78 552	1 201,687	9 918,227	8,254	7,783
57	74	76 754	1 089,720	8 716,540	7,999	7,528
58	75	74 832	986,013	7 626,820	7,735	7,264
59	76	72 794	890,174	6 640,807	7,460	6,989
60	77	70 587	801,107	5 750,633	7,178	6,708
61	78	68 230	718,659	4 949,526	6,887	6,417
62	79	65 639	641,642	4 230,867	6,594	6,123
63	80	62 818	569,897	3 589,225	6,298	5,827
64	81	59 742	503,008	3 019,327	6,003	5,532
65	82	56 378	440,538	2 516,319	5,712	5,241
66	83	52 767	382,670	2 075,781	5,424	4,954
67	84	48 948	329,442	1 693,111	5,139	4,669
68	85	44 935	280,679	1 363,669	4,858	4,388
69	86	40 718	236,046	1 082,990	4,588	4,117
70	87	36 384	195,750	846,944	4,327	3,856
71	88	32 017	159,867	651,194	4,073	3,603
72	89	27 662	128,186	491,327	3,833	3,362
73	90	23 449	100,846	363,141	3,601	3,130
74	91	19 416	77,497	262,295	3,385	2,914
75	92	15 659	58,005	184,798	3,186	2,715
76	93	12 295	42,269	126,793	3,000	2,529
77	94	9 364	29,877	84,525	2,829	2,358
78	95	6 915	20,477	54,647	2,669	2,198
79	96	4 932	13,555	34,170	2,521	2,050
80	97	3 346	8,533	20,615	2,416	1,945
81	98	2 213	5,238	12,082	2,307	1,836
82	99	1 422	3,124	6,844	2,191	1,720
83	100	874	1,782	3,720	2,087	1,617

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 527	99 526,958	1 355 714,099	13,622	13,151
1	19	99 153	92 021,232	1 256 187,141	13,651	13,180
2	20	99 108	85 364,006	1 164 165,909	13,638	13,167
3	21	99 074	79 197,123	1 078 801,903	13,622	13,151
4	22	99 047	73 480,684	999 604,780	13,604	13,133
5	23	99 021	68 177,164	926 124,096	13,584	13,113
6	24	98 993	63 255,728	857 946,932	13,563	13,092
7	25	98 966	58 690,113	794 691,205	13,540	13,070
8	26	98 939	54 453,730	736 001,092	13,516	13,045
9	27	98 912	50 523,272	681 547,362	13,490	13,019
10	28	98 882	46 875,507	631 024,090	13,462	12,991
11	29	98 851	43 490,253	584 148,583	13,432	12,961
12	30	98 818	40 348,617	540 658,329	13,400	12,929
13	31	98 780	37 432,059	500 309,713	13,366	12,895
14	32	98 739	34 725,492	462 877,653	13,330	12,859
15	33	98 692	32 212,422	428 152,161	13,292	12,821
16	34	98 641	29 879,969	395 939,739	13,251	12,780
17	35	98 576	27 712,712	366 059,770	13,209	12,738
18	36	98 509	25 701,791	338 347,058	13,164	12,694
19	37	98 426	23 833,098	312 645,267	13,118	12,647
20	38	98 340	22 099,593	288 812,170	13,069	12,598
21	39	98 238	20 488,839	266 712,576	13,017	12,547
22	40	98 139	18 996,032	246 223,737	12,962	12,491
23	41	98 028	17 609,647	227 227,706	12,904	12,433
24	42	97 915	16 324,273	209 618,059	12,841	12,370
25	43	97 791	15 130,923	193 293,786	12,775	12,304
26	44	97 659	14 023,725	178 162,863	12,704	12,234
27	45	97 520	12 996,459	164 139,138	12,630	12,159
28	46	97 362	12 042,217	151 142,679	12,551	12,080
29	47	97 196	11 157,053	139 100,461	12,467	11,997
30	48	97 013	10 334,990	127 943,409	12,380	11,909
31	49	96 804	9 570,973	117 608,419	12,288	11,817
32	50	96 575	8 861,585	108 037,446	12,192	11,721
33	51	96 335	8 203,763	99 175,861	12,089	11,618
34	52	96 058	7 591,828	90 972,098	11,983	11,512
35	53	95 760	7 023,934	83 380,270	11,871	11,400
36	54	95 438	6 496,778	76 356,336	11,753	11,282
37	55	95 080	6 006,907	69 859,559	11,630	11,159
38	56	94 679	5 551,318	63 852,651	11,502	11,032
39	57	94 239	5 128,126	58 301,333	11,369	10,898
40	58	93 765	4 735,325	53 173,207	11,229	10,758
41	59	93 242	4 370,203	48 437,882	11,084	10,613
42	60	92 679	4 031,400	44 067,680	10,931	10,460
43	61	92 057	3 716,337	40 036,280	10,773	10,302
44	62	91 393	3 424,145	36 319,943	10,607	10,136
45	63	90 669	3 152,688	32 895,798	10,434	9,964
46	64	89 881	2 900,489	29 743,110	10,255	9,784
47	65	89 015	2 665,932	26 842,621	10,069	9,598
48	66	88 096	2 448,650	24 176,690	9,873	9,403
49	67	87 092	2 246,635	21 728,039	9,671	9,201
50	68	86 010	2 059,137	19 481,404	9,461	8,990
51	69	84 827	1 884,746	17 422,267	9,244	8,773
52	70	83 536	1 722,572	15 537,522	9,020	8,549
53	71	82 142	1 571,997	13 814,950	8,788	8,317
54	72	80 636	1 432,181	12 242,953	8,548	8,078
55	73	79 020	1 302,519	10 810,772	8,300	7,829
56	74	77 263	1 181,960	9 508,253	8,044	7,574
57	75	75 384	1 070,276	8 326,293	7,780	7,309
58	76	73 392	967,050	7 256,017	7,503	7,033
59	77	71 224	870,977	6 288,966	7,221	6,750
60	78	68 908	782,043	5 417,990	6,928	6,457
61	79	66 357	698,933	4 635,946	6,633	6,162
62	80	63 577	621,486	3 937,013	6,335	5,864
63	81	60 528	549,118	3 315,528	6,038	5,567
64	82	57 193	481,543	2 766,410	5,745	5,274
65	83	53 594	418,785	2 284,867	5,456	4,985
66	84	49 775	360,968	1 866,082	5,170	4,699
67	85	45 759	307,974	1 505,114	4,887	4,416
68	86	41 514	259,313	1 197,140	4,617	4,146
69	87	37 168	215,467	937,827	4,353	3,882
70	88	32 748	176,186	722,360	4,100	3,629
71	89	28 361	141,610	546,174	3,857	3,386
72	90	24 079	111,584	404,564	3,626	3,155
73	91	19 991	85,974	292,980	3,408	2,937
74	92	16 161	64,505	207,006	3,209	2,738
75	93	12 723	47,129	142,501	3,024	2,553
76	94	9 726	33,435	95,372	2,852	2,382
77	95	7 209	23,000	61,936	2,693	2,222
78	96	5 167	15,301	38,936	2,545	2,074
79	97	3 523	9,683	23,635	2,441	1,970
80	98	2 345	5,981	13,952	2,332	1,862
81	99	1 520	3,598	7,970	2,215	1,745
82	100	943	2,071	4,372	2,111	1,640

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 507	99 507,349	1 354 377,618	13,611	13,140
1	20	99 136	92 005,148	1 254 870,269	13,639	13,168
2	21	99 090	85 348,224	1 162 865,121	13,625	13,154
3	22	99 058	79 184,064	1 077 516,898	13,608	13,137
4	23	99 031	73 468,721	998 332,834	13,589	13,118
5	24	99 003	68 164,894	924 864,113	13,568	13,097
6	25	98 975	63 244,346	856 699,219	13,546	13,075
7	26	98 947	58 678,948	793 454,873	13,522	13,051
8	27	98 920	54 443,482	734 775,925	13,496	13,025
9	28	98 890	50 512,401	680 332,443	13,469	12,998
10	29	98 859	46 864,461	629 820,043	13,439	12,969
11	30	98 826	43 478,999	582 955,581	13,408	12,937
12	31	98 787	40 335,821	539 476,582	13,375	12,904
13	32	98 749	37 420,306	499 140,761	13,339	12,868
14	33	98 706	34 713,594	461 720,455	13,301	12,830
15	34	98 657	32 200,815	427 006,861	13,261	12,790
16	35	98 601	29 867,838	394 806,046	13,218	12,748
17	36	98 536	27 701,290	364 938,208	13,174	12,703
18	37	98 463	25 690,006	337 236,917	13,127	12,657
19	38	98 379	23 821,785	311 546,911	13,078	12,608
20	39	98 281	22 086,262	287 725,126	13,027	12,557
21	40	98 179	20 476,522	265 638,864	12,973	12,502
22	41	98 072	18 983,006	245 162,342	12,915	12,444
23	42	97 955	17 596,611	226 179,336	12,854	12,383
24	43	97 837	16 311,316	208 582,725	12,788	12,317
25	44	97 702	15 117,184	192 271,410	12,719	12,248
26	45	97 564	14 010,114	177 154,226	12,645	12,174
27	46	97 407	12 981,484	163 144,113	12,567	12,097
28	47	97 244	12 027,556	150 162,628	12,485	12,014
29	48	97 063	11 141,764	138 135,072	12,398	11,927
30	49	96 858	10 318,516	126 993,308	12,307	11,837
31	50	96 634	9 554,242	116 674,793	12,212	11,741
32	51	96 396	8 845,162	107 120,551	12,111	11,640
33	52	96 128	8 186,185	98 275,389	12,005	11,534
34	53	95 834	7 574,117	90 089,204	11,894	11,424
35	54	95 514	7 005,898	82 515,087	11,778	11,307
36	55	95 162	6 478,010	75 509,188	11,656	11,186
37	56	94 772	5 987,412	69 031,178	11,529	11,059
38	57	94 340	5 531,462	63 043,766	11,397	10,927
39	58	93 870	5 108,003	57 512,304	11,259	10,789
40	59	93 357	4 714,729	52 404,301	11,115	10,644
41	60	92 803	4 349,635	47 689,573	10,964	10,493
42	61	92 190	4 010,130	43 339,938	10,808	10,337
43	62	91 534	3 695,206	39 329,807	10,643	10,173
44	63	90 832	3 403,140	35 634,602	10,471	10,000
45	64	90 057	3 131,411	32 231,462	10,293	9,822
46	65	89 209	2 878,815	29 100,051	10,108	9,638
47	66	88 305	2 644,683	26 221,236	9,915	9,444
48	67	87 324	2 427,195	23 576,553	9,713	9,243
49	68	86 266	2 225,332	21 149,359	9,504	9,033
50	69	85 110	2 037,587	18 924,026	9,287	8,817
51	70	83 847	1 862,968	16 886,440	9,064	8,594
52	71	82 484	1 700,870	15 023,472	8,833	8,362
53	72	81 017	1 550,458	13 322,602	8,593	8,122
54	73	79 442	1 410,965	11 772,144	8,343	7,873
55	74	77 722	1 281,136	10 361,179	8,087	7,617
56	75	75 884	1 160,870	9 080,042	7,822	7,351
57	76	73 935	1 049,693	7 919,172	7,544	7,074
58	77	71 810	946,195	6 869,479	7,260	6,789
59	78	69 529	850,251	5 923,284	6,967	6,496
60	79	67 016	760,578	5 073,033	6,670	6,199
61	80	64 273	676,976	4 312,456	6,370	5,900
62	81	61 259	598,825	3 635,479	6,071	5,600
63	82	57 945	525,685	3 036,654	5,777	5,306
64	83	54 369	457,765	2 510,969	5,485	5,015
65	84	50 554	395,035	2 053,204	5,198	4,727
66	85	46 531	337,446	1 658,169	4,914	4,443
67	86	42 275	284,530	1 320,723	4,642	4,171
68	87	37 895	236,706	1 036,193	4,378	3,907
69	88	33 454	193,932	799,487	4,123	3,652
70	89	29 008	156,065	605,555	3,880	3,409
71	90	24 688	123,269	449,490	3,646	3,176
72	91	20 528	95,128	326,221	3,429	2,959
73	92	16 640	71,562	231,093	3,229	2,759
74	93	13 131	52,411	159,531	3,044	2,573
75	94	10 064	37,280	107,121	2,873	2,403
76	95	7 487	25,740	69,841	2,713	2,243
77	96	5 387	17,186	44,101	2,566	2,095
78	97	3 691	10,930	26,914	2,462	1,992
79	98	2 470	6,788	15,984	2,355	1,884
80	99	1 611	4,109	9,197	2,238	1,768
81	100	1 008	2,386	5,088	2,133	1,662

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 490	99 489,956	1 352 949,614	13,599	13,128
1	21	99 117	91 988,138	1 253 459,658	13,626	13,156
2	22	99 073	85 334,150	1 161 471,520	13,611	13,140
3	23	99 042	79 171,172	1 076 137,370	13,593	13,122
4	24	99 013	73 455,499	996 966,198	13,572	13,102
5	25	98 985	68 152,629	923 510,699	13,551	13,080
6	26	98 956	63 232,315	855 358,070	13,527	13,057
7	27	98 929	58 667,905	792 125,755	13,502	13,031
8	28	98 899	54 431,766	733 457,850	13,475	13,004
9	29	98 867	50 500,498	679 026,084	13,446	12,975
10	30	98 833	46 852,334	628 525,586	13,415	12,944
11	31	98 794	43 465,211	581 673,252	13,383	12,912
12	32	98 756	40 323,155	538 208,041	13,347	12,877
13	33	98 715	37 407,485	497 884,885	13,310	12,839
14	34	98 670	34 701,086	460 477,401	13,270	12,799
15	35	98 617	32 187,742	425 776,315	13,228	12,757
16	36	98 560	29 855,529	393 588,573	13,183	12,712
17	37	98 491	27 688,589	363 733,044	13,137	12,666
18	38	98 417	25 677,812	336 044,455	13,087	12,616
19	39	98 320	23 807,414	310 366,643	13,037	12,566
20	40	98 222	22 072,985	286 559,228	12,982	12,512
21	41	98 112	20 462,482	264 486,244	12,925	12,455
22	42	97 999	18 968,954	244 023,762	12,864	12,394
23	43	97 877	17 582,643	225 054,808	12,800	12,329
24	44	97 748	16 296,504	207 472,165	12,731	12,260
25	45	97 607	15 102,511	191 175,661	12,659	12,188
26	46	97 452	13 993,971	176 073,150	12,582	12,111
27	47	97 289	12 965,679	162 079,179	12,501	12,030
28	48	97 110	12 011,074	149 113,500	12,415	11,944
29	49	96 909	11 124,003	137 102,426	12,325	11,854
30	50	96 689	10 300,478	125 978,422	12,230	11,760
31	51	96 455	9 536,536	115 677,944	12,130	11,659
32	52	96 189	8 826,210	106 141,408	12,026	11,555
33	53	95 904	8 167,087	97 315,198	11,916	11,445
34	54	95 588	7 554,669	89 148,112	11,800	11,330
35	55	95 238	6 985,660	81 593,443	11,680	11,209
36	56	94 853	6 456,986	74 607,782	11,555	11,084
37	57	94 433	5 965,996	68 150,796	11,423	10,953
38	58	93 970	5 509,755	62 184,800	11,286	10,816
39	59	93 461	5 085,786	56 675,045	11,144	10,673
40	60	92 918	4 692,540	51 589,259	10,994	10,523
41	61	92 313	4 326,686	46 896,719	10,839	10,368
42	62	91 666	3 987,329	42 570,033	10,676	10,206
43	63	90 972	3 672,538	38 582,704	10,506	10,035
44	64	90 219	3 380,172	34 910,166	10,328	9,857
45	65	89 384	3 108,011	31 529,994	10,145	9,674
46	66	88 498	2 855,869	28 421,983	9,952	9,481
47	67	87 531	2 621,510	25 566,114	9,752	9,282
48	68	86 496	2 404,180	22 944,604	9,544	9,073
49	69	85 364	2 202,043	20 540,424	9,328	8,857
50	70	84 126	2 014,043	18 338,382	9,105	8,635
51	71	82 790	1 839,497	16 324,338	8,874	8,404
52	72	81 354	1 677,565	14 484,841	8,634	8,164
53	73	79 817	1 527,490	12 807,277	8,385	7,914
54	74	78 138	1 387,802	11 279,786	8,128	7,657
55	75	76 336	1 258,277	9 891,984	7,862	7,391
56	76	74 425	1 138,545	8 633,707	7,583	7,112
57	77	72 340	1 027,056	7 495,162	7,298	6,827
58	78	70 101	923,679	6 468,106	7,003	6,532
59	79	67 621	826,913	5 544,428	6,705	6,234
60	80	64 911	736,685	4 717,515	6,404	5,933
61	81	61 929	652,293	3 980,830	6,103	5,632
62	82	58 645	573,271	3 328,537	5,806	5,336
63	83	55 083	499,727	2 755,266	5,514	5,043
64	84	51 285	431,804	2 255,539	5,224	4,753
65	85	47 260	369,293	1 823,735	4,938	4,468
66	86	42 989	311,758	1 454,441	4,665	4,195
67	87	38 590	259,725	1 142,683	4,400	3,929
68	88	34 108	213,048	882,959	4,144	3,674
69	89	29 633	171,785	669,910	3,900	3,429
70	90	25 251	135,852	498,126	3,667	3,196
71	91	21 047	105,090	362,274	3,447	2,977
72	92	17 087	79,181	257,184	3,248	2,777
73	93	13 520	58,144	178,003	3,061	2,591
74	94	10 387	41,458	119,859	2,891	2,420
75	95	7 748	28,700	78,401	2,732	2,261
76	96	5 595	19,233	49,701	2,584	2,113
77	97	3 848	12,277	30,468	2,482	2,011
78	98	2 588	7,662	18,191	2,374	1,904
79	99	1 697	4,662	10,529	2,258	1,788
80	100	1 068	2,724	5,867	2,154	1,683

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 472	99 471,563	1 351 420,564	13,586	13,115
1	22	99 101	91 972,969	1 251 949,001	13,612	13,141
2	23	99 057	85 320,257	1 159 976,032	13,596	13,125
3	24	99 024	79 156,924	1 074 655,775	13,576	13,106
4	25	98 995	73 442,282	995 498,851	13,555	13,084
5	26	98 966	68 139,665	922 056,570	13,532	13,061
6	27	98 938	63 220,415	853 916,905	13,507	13,036
7	28	98 907	58 655,281	790 696,490	13,480	13,010
8	29	98 875	54 418,940	732 041,209	13,452	12,981
9	30	98 841	50 487,430	677 622,269	13,422	12,951
10	31	98 802	46 837,476	627 134,839	13,390	12,919
11	32	98 763	43 451,563	580 297,363	13,355	12,884
12	33	98 722	40 309,339	536 845,800	13,318	12,847
13	34	98 679	37 394,005	496 536,461	13,279	12,808
14	35	98 630	34 686,997	459 142,456	13,237	12,766
15	36	98 576	32 174,476	424 455,458	13,192	12,722
16	37	98 515	29 841,840	392 280,982	13,145	12,675
17	38	98 444	27 675,447	362 439,142	13,096	12,625
18	39	98 357	25 662,322	334 763,695	13,045	12,574
19	40	98 261	23 793,103	309 101,373	12,991	12,521
20	41	98 154	22 057,849	285 308,271	12,935	12,464
21	42	98 039	20 447,334	263 250,421	12,875	12,404
22	43	97 922	18 953,897	242 803,087	12,810	12,340
23	44	97 788	17 566,677	223 849,191	12,743	12,272
24	45	97 653	16 280,687	206 282,513	12,670	12,200
25	46	97 495	15 085,109	190 001,827	12,595	12,125
26	47	97 333	13 976,933	174 916,717	12,515	12,044
27	48	97 155	12 947,912	160 939,784	12,430	11,959
28	49	96 956	11 991,928	147 991,872	12,341	11,870
29	50	96 739	11 104,558	135 999,944	12,247	11,777
30	51	96 510	10 281,389	124 895,386	12,148	11,677
31	52	96 249	9 516,102	114 613,997	12,044	11,574
32	53	95 965	8 805,619	105 097,895	11,935	11,465
33	54	95 658	8 146,116	96 292,276	11,821	11,350
34	55	95 312	7 532,846	88 146,160	11,702	11,231
35	56	94 929	6 962,989	80 613,314	11,577	11,107
36	57	94 514	6 433,890	73 650,325	11,447	10,977
37	58	94 062	5 942,584	67 216,435	11,311	10,840
38	59	93 561	5 485,791	61 273,851	11,170	10,699
39	60	93 021	5 061,850	55 788,059	11,021	10,551
40	61	92 428	4 667,782	50 726,209	10,867	10,397
41	62	91 788	4 302,085	46 058,427	10,706	10,235
42	63	91 104	3 962,869	41 756,342	10,537	10,066
43	64	90 358	3 647,752	37 793,473	10,361	9,890
44	65	89 545	3 354,913	34 145,720	10,178	9,707
45	66	88 672	3 083,238	30 790,807	9,987	9,516
46	67	87 723	2 830,846	27 707,569	9,788	9,317
47	68	86 701	2 596,652	24 876,723	9,580	9,110
48	69	85 591	2 379,018	22 280,070	9,365	8,895
49	70	84 377	2 176,599	19 901,052	9,143	8,673
50	71	83 067	1 988,669	17 724,453	8,913	8,442
51	72	81 656	1 814,293	15 735,785	8,673	8,203
52	73	80 149	1 652,714	13 921,492	8,423	7,953
53	74	78 506	1 502,415	12 268,778	8,166	7,695
54	75	76 743	1 363,040	10 766,363	7,899	7,428
55	76	74 867	1 234,079	9 403,324	7,620	7,149
56	77	72 820	1 113,991	8 169,245	7,333	6,863
57	78	70 619	1 002,616	7 055,254	7,037	6,566
58	79	68 177	898,326	6 052,639	6,738	6,267
59	80	65 496	800,936	5 154,313	6,435	5,965
60	81	62 544	709,824	4 353,377	6,133	5,662
61	82	59 287	624,457	3 643,553	5,835	5,364
62	83	55 749	544,964	3 019,096	5,540	5,069
63	84	51 960	471,387	2 474,132	5,249	4,778
64	85	47 943	403,667	2 002,746	4,961	4,491
65	86	43 662	341,181	1 599,079	4,687	4,216
66	87	39 241	284,579	1 257,898	4,420	3,950
67	88	34 733	233,766	973,319	4,164	3,693
68	89	30 213	188,718	739,553	3,919	3,448
69	90	25 795	149,536	550,835	3,684	3,213
70	91	21 527	115,817	401,299	3,465	2,994
71	92	17 519	87,473	285,482	3,264	2,793
72	93	13 883	64,334	198,009	3,078	2,607
73	94	10 694	45,993	133,675	2,906	2,436
74	95	7 996	31,916	87,682	2,747	2,277
75	96	5 789	21,445	55,766	2,600	2,130
76	97	3 996	13,739	34,321	2,498	2,027
77	98	2 697	8,606	20,582	2,392	1,921
78	99	1 777	5,263	11,976	2,275	1,805
79	100	1 125	3,091	6,713	2,172	1,701

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 455	99 455,160	1 349 783,694	13,572	13,101
1	23	99 085	91 957,995	1 250 328,535	13,597	13,126
2	24	99 040	85 304,902	1 158 370,539	13,579	13,109
3	25	99 006	79 142,680	1 073 065,637	13,559	13,088
4	26	98 977	73 428,311	993 922,957	13,536	13,065
5	27	98 947	68 126,841	920 494,645	13,511	13,041
6	28	98 916	63 206,811	852 367,804	13,485	13,015
7	29	98 884	58 641,459	789 160,993	13,457	12,987
8	30	98 850	54 404,858	730 519,534	13,427	12,957
9	31	98 810	50 471,419	676 114,676	13,396	12,925
10	32	98 771	46 822,769	625 643,258	13,362	12,891
11	33	98 729	43 436,675	578 820,488	13,326	12,855
12	34	98 686	40 294,815	535 383,813	13,287	12,816
13	35	98 639	37 378,824	495 088,999	13,245	12,775
14	36	98 589	34 672,702	457 710,175	13,201	12,730
15	37	98 531	32 159,724	423 037,473	13,154	12,684
16	38	98 468	29 827,675	390 877,749	13,105	12,634
17	39	98 384	27 658,751	361 050,074	13,054	12,583
18	40	98 298	25 646,895	333 391,322	12,999	12,529
19	41	98 193	23 776,788	307 744,427	12,943	12,472
20	42	98 082	22 041,521	283 967,639	12,883	12,413
21	43	97 961	20 431,104	261 926,119	12,820	12,349
22	44	97 833	18 936,685	241 495,015	12,753	12,282
23	45	97 693	17 549,627	222 558,329	12,682	12,211
24	46	97 541	16 261,928	205 008,702	12,607	12,136
25	47	97 376	15 066,743	188 746,774	12,527	12,057
26	48	97 200	13 957,780	173 680,031	12,443	11,973
27	49	97 000	12 927,273	159 722,251	12,355	11,885
28	50	96 786	11 970,965	146 794,978	12,263	11,792
29	51	96 560	11 083,979	134 824,013	12,164	11,693
30	52	96 303	10 259,359	123 740,034	12,061	11,591
31	53	96 024	9 493,901	113 480,675	11,953	11,482
32	54	95 719	8 783,009	103 986,773	11,840	11,369
33	55	95 382	8 122,585	95 203,765	11,721	11,250
34	56	95 002	7 508,398	87 081,180	11,598	11,127
35	57	94 590	6 938,083	79 572,782	11,469	10,998
36	58	94 143	6 408,643	72 634,699	11,334	10,863
37	59	93 653	5 916,737	66 226,057	11,193	10,722
38	60	93 121	5 459,973	60 309,319	11,046	10,575
39	61	92 531	5 035,144	54 849,346	10,893	10,423
40	62	91 902	4 641,242	49 814,202	10,733	10,262
41	63	91 225	4 275,694	45 172,960	10,565	10,094
42	64	90 489	3 936,124	40 897,266	10,390	9,920
43	65	89 683	3 620,494	36 961,142	10,209	9,738
44	66	88 831	3 328,173	33 340,648	10,018	9,547
45	67	87 895	3 056,223	30 012,474	9,820	9,349
46	68	86 891	2 804,003	26 956,252	9,613	9,143
47	69	85 794	2 569,477	24 152,249	9,400	8,929
48	70	84 602	2 351,530	21 582,772	9,178	8,708
49	71	83 314	2 149,176	19 231,242	8,948	8,478
50	72	81 928	1 961,420	17 082,066	8,709	8,238
51	73	80 446	1 787,416	15 120,646	8,459	7,989
52	74	78 833	1 625,583	13 333,229	8,202	7,731
53	75	77 106	1 475,607	11 707,646	7,934	7,463
54	76	75 268	1 336,827	10 232,040	7,654	7,183
55	77	73 253	1 207,464	8 895,213	7,367	6,896
56	78	71 087	1 087,482	7 687,749	7,069	6,599
57	79	68 680	975,096	6 600,267	6,769	6,298
58	80	66 035	870,105	5 625,171	6,465	5,994
59	81	63 108	771,733	4 755,066	6,162	5,691
60	82	59 875	679,533	3 983,333	5,862	5,391
61	83	56 359	593,622	3 303,800	5,565	5,095
62	84	52 588	514,058	2 710,178	5,272	4,801
63	85	48 574	440,670	2 196,120	4,984	4,513
64	86	44 294	372,938	1 755,450	4,707	4,236
65	87	39 856	311,437	1 382,513	4,439	3,968
66	88	35 319	256,137	1 071,076	4,182	3,711
67	89	30 766	207,070	814,939	3,936	3,465
68	90	26 299	164,275	607,870	3,700	3,230
69	91	21 991	127,483	443,594	3,480	3,009
70	92	17 918	96,402	316,112	3,279	2,808
71	93	14 234	71,072	219,709	3,091	2,621
72	94	10 982	50,890	148,638	2,921	2,450
73	95	8 233	35,407	97,748	2,761	2,290
74	96	5 975	23,848	62,340	2,614	2,143
75	97	4 136	15,319	38,492	2,513	2,042
76	98	2 801	9,631	23,173	2,406	1,935
77	99	1 853	5,911	13,542	2,291	1,820
78	100	1 178	3,489	7,631	2,187	1,716

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 439	99 438,968	1 348 028,491	13,556	13,086
1	24	99 067	91 941,446	1 248 589,523	13,580	13,110
2	25	99 022	85 289,553	1 156 648,077	13,561	13,091
3	26	98 987	79 127,626	1 071 358,524	13,540	13,069
4	27	98 958	73 414,492	992 230,899	13,515	13,045
5	28	98 926	68 112,181	918 816,406	13,490	13,019
6	29	98 893	63 191,917	850 704,225	13,462	12,992
7	30	98 858	58 626,285	787 512,308	13,433	12,962
8	31	98 818	54 387,605	728 886,024	13,402	12,931
9	32	98 779	50 455,571	674 498,419	13,368	12,898
10	33	98 737	46 806,726	624 042,848	13,332	12,862
11	34	98 694	43 421,023	577 236,122	13,294	12,823
12	35	98 646	40 278,455	533 815,099	13,253	12,782
13	36	98 599	37 363,419	493 536,644	13,209	12,738
14	37	98 544	34 656,804	456 173,225	13,163	12,692
15	38	98 484	32 144,459	421 516,420	13,113	12,643
16	39	98 409	29 809,682	389 371,962	13,062	12,591
17	40	98 325	27 642,124	359 562,280	13,008	12,537
18	41	98 231	25 629,309	331 920,155	12,951	12,480
19	42	98 121	23 759,187	306 290,846	12,891	12,421
20	43	98 004	22 024,025	282 531,659	12,828	12,358
21	44	97 872	20 412,551	260 507,634	12,762	12,291
22	45	97 738	18 918,306	240 095,083	12,691	12,220
23	46	97 581	17 529,406	221 176,777	12,617	12,147
24	47	97 422	16 242,128	203 647,371	12,538	12,068
25	48	97 242	15 046,097	187 405,243	12,455	11,985
26	49	97 045	13 935,531	172 359,145	12,368	11,898
27	50	96 831	12 904,675	158 423,615	12,276	11,806
28	51	96 607	11 948,781	145 518,940	12,179	11,708
29	52	96 353	11 060,229	133 570,159	12,077	11,606
30	53	96 078	10 235,425	122 509,930	11,969	11,499
31	54	95 778	9 469,524	112 274,505	11,856	11,386
32	55	95 442	8 757,637	102 804,981	11,739	11,268
33	56	95 072	8 096,223	94 047,344	11,616	11,146
34	57	94 663	7 481,541	85 951,120	11,488	11,018
35	58	94 219	6 910,857	78 469,579	11,355	10,884
36	59	93 734	6 380,769	71 558,723	11,215	10,744
37	60	93 212	5 888,891	65 177,954	11,068	10,597
38	61	92 630	5 431,167	59 289,063	10,916	10,446
39	62	92 005	5 006,515	53 857,896	10,758	10,287
40	63	91 338	4 612,770	48 851,381	10,590	10,120
41	64	90 610	4 246,838	44 238,611	10,417	9,946
42	65	89 813	3 906,711	39 991,773	10,237	9,766
43	66	88 968	3 591,637	36 085,062	10,047	9,576
44	67	88 053	3 299,011	32 493,425	9,849	9,379
45	68	87 061	3 027,243	29 194,414	9,644	9,173
46	69	85 981	2 774,657	26 167,171	9,431	8,960
47	70	84 803	2 539,787	23 392,513	9,210	8,740
48	71	83 536	2 321,903	20 852,726	8,981	8,510
49	72	82 173	2 119,729	18 530,823	8,742	8,271
50	73	80 715	1 932,365	16 411,094	8,493	8,022
51	74	79 126	1 758,074	14 478,729	8,236	7,765
52	75	77 426	1 596,577	12 720,656	7,967	7,497
53	76	75 623	1 447,229	11 124,078	7,686	7,216
54	77	73 644	1 307,997	9 676,849	7,398	6,928
55	78	71 510	1 178,731	8 368,853	7,100	6,629
56	79	69 136	1 057,633	7 190,122	6,798	6,328
57	80	66 523	944,464	6 132,489	6,493	6,022
58	81	63 627	838,380	5 188,025	6,188	5,717
59	82	60 415	738,800	4 349,645	5,887	5,417
60	83	56 919	645,979	3 610,846	5,590	5,119
61	84	53 163	559,957	2 964,867	5,295	4,824
62	85	49 161	480,560	2 404,910	5,004	4,534
63	86	44 876	407,124	1 924,350	4,727	4,256
64	87	40 432	340,425	1 517,226	4,457	3,986
65	88	35 873	280,310	1 176,801	4,198	3,728
66	89	31 286	226,885	896,491	3,951	3,481
67	90	26 781	180,251	669,606	3,715	3,244
68	91	22 421	140,049	489,355	3,494	3,024
69	92	18 304	106,112	349,307	3,292	2,821
70	93	14 559	78,327	243,195	3,105	2,634
71	94	11 259	56,219	164,868	2,933	2,462
72	95	8 454	39,177	108,649	2,773	2,303
73	96	6 152	26,457	69,472	2,626	2,155
74	97	4 268	17,036	43,014	2,525	2,054
75	98	2 899	10,738	25,978	2,419	1,949
76	99	1 924	6,615	15,240	2,304	1,833
77	100	1 228	3,919	8,625	2,201	1,730

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 421	99 421,072	1 346 145,547	13,540	13,069
1	25	99 049	91 924,902	1 246 724,475	13,562	13,092
2	26	99 003	85 273,329	1 154 799,573	13,542	13,072
3	27	98 969	79 112,734	1 069 526,244	13,519	13,048
4	28	98 937	73 398,695	990 413,510	13,494	13,023
5	29	98 903	68 096,131	917 014,815	13,466	12,996
6	30	98 867	63 175,565	848 918,684	13,437	12,967
7	31	98 827	58 607,692	785 743,120	13,407	12,936
8	32	98 787	54 370,527	727 135,427	13,374	12,903
9	33	98 745	50 438,283	672 764,900	13,338	12,868
10	34	98 702	46 789,860	622 326,617	13,300	12,830
11	35	98 654	43 403,395	575 536,757	13,260	12,790
12	36	98 605	40 261,855	532 133,362	13,217	12,746
13	37	98 554	37 346,288	491 871,507	13,171	12,700
14	38	98 497	34 640,354	454 525,219	13,121	12,651
15	39	98 425	32 125,068	419 884,865	13,070	12,600
16	40	98 350	29 791,762	387 759,797	13,016	12,545
17	41	98 258	27 623,170	357 968,036	12,959	12,488
18	42	98 158	25 610,337	330 344,865	12,899	12,428
19	43	98 043	23 740,328	304 734,528	12,836	12,365
20	44	97 915	22 004,026	280 994,200	12,770	12,299
21	45	97 777	20 392,739	258 990,175	12,700	12,229
22	46	97 625	18 896,508	238 597,436	12,627	12,156
23	47	97 462	17 508,064	219 700,928	12,549	12,078
24	48	97 289	16 219,872	202 192,864	12,466	11,995
25	49	97 087	15 022,113	185 972,992	12,380	11,909
26	50	96 875	13 911,171	170 950,879	12,289	11,818
27	51	96 651	12 880,760	157 039,709	12,192	11,721
28	52	96 400	11 923,178	144 158,949	12,091	11,620
29	53	96 128	11 034,426	132 235,771	11,984	11,513
30	54	95 831	10 209,143	121 201,345	11,872	11,401
31	55	95 501	9 442,169	110 992,201	11,755	11,284
32	56	95 132	8 729,215	101 550,032	11,633	11,163
33	57	94 732	8 067,263	92 820,817	11,506	11,035
34	58	94 291	7 452,183	84 753,554	11,373	10,902
35	59	93 809	6 880,798	77 301,371	11,234	10,764
36	60	93 292	6 350,739	70 420,572	11,089	10,618
37	61	92 720	5 857,822	64 069,834	10,937	10,467
38	62	92 103	5 400,286	58 212,012	10,779	10,309
39	63	91 440	4 975,803	52 811,727	10,614	10,143
40	64	90 722	4 581,639	47 835,924	10,441	9,970
41	65	89 932	4 215,103	43 254,285	10,262	9,791
42	66	89 097	3 875,573	39 039,182	10,073	9,602
43	67	88 189	3 560,167	35 163,609	9,877	9,406
44	68	87 218	3 267,730	31 603,443	9,671	9,201
45	69	86 150	2 995,561	28 335,713	9,459	8,989
46	70	84 988	2 742,597	25 340,152	9,239	8,769
47	71	83 734	2 507,789	22 597,555	9,011	8,540
48	72	82 391	2 290,089	20 089,766	8,772	8,302
49	73	80 955	2 088,328	17 799,677	8,523	8,053
50	74	79 390	1 900,643	15 711,349	8,266	7,796
51	75	77 714	1 726,704	13 810,706	7,998	7,528
52	76	75 937	1 565,873	12 084,002	7,717	7,246
53	77	73 992	1 416,018	10 518,129	7,428	6,957
54	78	71 892	1 276,871	9 102,111	7,128	6,658
55	79	69 547	1 146,377	7 825,240	6,826	6,355
56	80	66 964	1 024,408	6 678,863	6,520	6,049
57	81	64 097	910,027	5 654,455	6,214	5,743
58	82	60 912	802,603	4 744,428	5,911	5,441
59	83	57 432	702,319	3 941,825	5,613	5,142
60	84	53 691	609,344	3 239,507	5,316	4,846
61	85	49 699	523,468	2 630,163	5,024	4,554
62	86	45 418	443,978	2 106,694	4,745	4,274
63	87	40 964	371,631	1 662,717	4,474	4,003
64	88	36 391	306,401	1 291,086	4,214	3,743
65	89	31 776	248,298	984,685	3,966	3,495
66	90	27 234	197,500	736,387	3,729	3,258
67	91	22 832	153,668	538,887	3,507	3,036
68	92	18 662	116,572	385,219	3,305	2,834
69	93	14 872	86,216	268,647	3,116	2,645
70	94	11 516	61,958	182,432	2,944	2,474
71	95	8 668	43,280	120,473	2,784	2,313
72	96	6 317	29,274	77,194	2,637	2,166
73	97	4 395	18,900	47,920	2,535	2,065
74	98	2 992	11,942	29,020	2,430	1,959
75	99	1 991	7,376	17,078	2,315	1,845
76	100	1 276	4,386	9,702	2,212	1,741

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 403	99 403,183	1 344 126,813	13,522	13,051
1	26	99 030	91 907,416	1 244 723,630	13,543	13,073
2	27	98 984	85 257,280	1 152 816,214	13,522	13,051
3	28	98 947	79 095,710	1 067 558,934	13,497	13,026
4	29	98 913	73 381,399	988 463,224	13,470	13,000
5	30	98 877	68 078,510	915 081,825	13,442	12,971
6	31	98 836	63 155,530	847 003,315	13,411	12,941
7	32	98 796	58 589,290	783 847,785	13,379	12,908
8	33	98 754	54 351,898	725 258,495	13,344	12,873
9	34	98 710	50 420,109	670 906,597	13,306	12,836
10	35	98 662	46 770,864	620 486,489	13,267	12,796
11	36	98 613	43 385,507	573 715,625	13,224	12,753
12	37	98 560	40 243,395	530 330,118	13,178	12,707
13	38	98 507	37 328,561	490 086,723	13,129	12,658
14	39	98 438	34 619,457	452 758,162	13,078	12,607
15	40	98 365	32 105,756	418 138,705	13,024	12,553
16	41	98 282	29 771,334	386 032,949	12,967	12,496
17	42	98 185	27 602,722	356 261,615	12,907	12,436
18	43	98 080	25 590,009	328 658,893	12,843	12,373
19	44	97 954	23 718,770	303 068,885	12,778	12,307
20	45	97 820	21 982,669	279 350,115	12,708	12,237
21	46	97 665	20 369,242	257 367,445	12,635	12,164
22	47	97 506	18 873,501	236 998,204	12,557	12,087
23	48	97 328	17 484,072	218 124,703	12,476	12,005
24	49	97 134	16 194,017	200 640,630	12,390	11,919
25	50	96 918	14 995,853	184 446,614	12,300	11,829
26	51	96 696	13 885,390	169 450,761	12,204	11,733
27	52	96 444	12 853,160	155 565,370	12,103	11,633
28	53	96 175	11 895,362	142 712,210	11,997	11,527
29	54	95 881	11 006,093	130 816,848	11,886	11,415
30	55	95 555	10 179,652	119 810,755	11,770	11,299
31	56	95 191	9 411,525	109 631,102	11,649	11,178
32	57	94 792	8 697,991	100 219,577	11,522	11,051
33	58	94 360	8 035,606	91 521,586	11,390	10,919
34	59	93 881	7 419,770	83 485,980	11,252	10,781
35	60	93 367	6 848,415	76 066,210	11,107	10,636
36	61	92 800	6 317,232	69 217,795	10,957	10,486
37	62	92 193	5 824,515	62 900,563	10,799	10,329
38	63	91 538	5 367,158	57 076,048	10,634	10,164
39	64	90 823	4 942,222	51 708,890	10,463	9,992
40	65	90 044	4 547,402	46 766,669	10,284	9,814
41	66	89 216	4 181,507	42 219,267	10,097	9,626
42	67	88 316	3 841,614	38 037,760	9,902	9,431
43	68	87 353	3 526,408	34 196,145	9,697	9,226
44	69	86 305	3 233,531	30 669,737	9,485	9,014
45	70	85 155	2 960,948	27 436,207	9,266	8,795
46	71	83 917	2 708,044	24 475,258	9,038	8,567
47	72	82 587	2 473,428	21 767,214	8,800	8,330
48	73	81 171	2 256,165	19 293,787	8,552	8,081
49	74	79 626	2 054,046	17 037,622	8,295	7,824
50	75	77 973	1 866,729	14 983,576	8,027	7,556
51	76	76 219	1 693,497	13 116,847	7,745	7,275
52	77	74 300	1 532,103	11 423,350	7,456	6,985
53	78	72 231	1 382,322	9 891,246	7,156	6,685
54	79	69 919	1 241,823	8 508,925	6,852	6,381
55	80	67 362	1 110,364	7 267,101	6,545	6,074
56	81	64 522	987,056	6 156,737	6,237	5,767
57	82	61 362	871,193	5 169,681	5,934	5,463
58	83	57 904	762,971	4 298,488	5,634	5,163
59	84	54 175	662,489	3 535,517	5,337	4,866
60	85	50 192	569,637	2 873,028	5,044	4,573
61	86	45 915	483,619	2 303,390	4,763	4,292
62	87	41 459	405,272	1 819,771	4,490	4,020
63	88	36 870	334,488	1 414,499	4,229	3,758
64	89	32 235	271,409	1 080,011	3,979	3,509
65	90	27 660	216,139	808,601	3,741	3,270
66	91	23 217	168,373	592,463	3,519	3,048
67	92	19 004	127,908	424,089	3,316	2,845
68	93	15 163	94,714	296,181	3,127	2,656
69	94	11 764	68,199	201,467	2,954	2,483
70	95	8 866	47,698	133,268	2,794	2,323
71	96	6 477	32,340	85,571	2,646	2,175
72	97	4 513	20,912	53,231	2,545	2,075
73	98	3 080	13,248	32,319	2,440	1,969
74	99	2 055	8,203	19,071	2,325	1,854
75	100	1 320	4,891	10,868	2,222	1,752

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1	0	99 644	92 476,820	1 269 596,963	13,729	13,258
2	1	99 317	85 543,768	1 177 120,143	13,760	13,290
3	2	99 277	79 358,893	1 091 576,374	13,755	13,284
4	3	99 254	73 633,773	1 012 217,481	13,747	13,276
5	4	99 233	68 323,282	938 583,707	13,737	13,267
6	5	99 213	63 396,641	870 260,426	13,727	13,257
7	6	99 195	58 826,201	806 863,785	13,716	13,245
8	7	99 178	54 585,550	748 037,584	13,704	13,233
9	8	99 165	50 652,758	693 452,034	13,690	13,220
10	9	99 150	47 002,483	642 799,276	13,676	13,205
11	10	99 136	43 615,669	595 796,793	13,660	13,189
12	11	99 123	40 473,079	552 181,123	13,643	13,173
13	12	99 108	37 556,532	511 708,044	13,625	13,154
14	13	99 091	34 849,172	474 151,512	13,606	13,135
15	14	99 068	32 335,184	439 302,340	13,586	13,115
16	15	99 043	30 001,888	406 967,156	13,565	13,094
17	16	99 007	27 833,702	376 965,269	13,543	13,073
18	17	98 965	25 820,842	349 131,567	13,521	13,051
19	18	98 914	23 951,214	323 310,725	13,499	13,028
20	19	98 855	22 215,288	299 359,511	13,475	13,005
21	20	98 795	20 604,931	277 144,223	13,450	12,980
22	21	98 736	19 111,622	256 539,292	13,423	12,953
23	22	98 675	17 726,034	237 427,670	13,394	12,924
24	23	98 619	16 441,661	219 701,636	13,362	12,892
25	24	98 554	15 249,092	203 259,975	13,329	12,859
26	25	98 493	14 143,546	188 010,883	13,293	12,822
27	26	98 430	13 117,742	173 867,337	13,254	12,784
28	27	98 366	12 166,326	160 749,595	13,213	12,742
29	28	98 297	11 283,351	148 583,269	13,168	12,698
30	29	98 222	10 463,858	137 299,918	13,121	12,651
31	30	98 142	9 703,274	126 836,060	13,071	12,601
32	31	98 050	8 996,958	117 132,786	13,019	12,548
33	32	97 957	8 341,931	108 135,827	12,963	12,492
34	33	97 852	7 733,616	99 793,896	12,904	12,433
35	34	97 742	7 169,263	92 060,279	12,841	12,370
36	35	97 623	6 645,571	84 891,017	12,774	12,303
37	36	97 499	6 159,743	78 245,445	12,703	12,232
38	37	97 359	5 708,479	72 085,703	12,628	12,157
39	38	97 209	5 289,724	66 377,224	12,548	12,078
40	39	97 042	4 900,829	61 087,500	12,465	11,994
41	40	96 864	4 539,973	56 186,671	12,376	11,905
42	41	96 668	4 204,927	51 646,698	12,282	11,812
43	42	96 458	3 893,977	47 441,771	12,183	11,713
44	43	96 233	3 605,471	43 547,794	12,078	11,608
45	44	95 972	3 337,096	39 942,323	11,969	11,499
46	45	95 691	3 088,006	36 605,227	11,854	11,383
47	46	95 373	2 856,359	33 517,221	11,734	11,264
48	47	95 031	2 641,416	30 660,862	11,608	11,137
49	48	94 649	2 441,570	28 019,446	11,476	11,005
50	49	94 217	2 255,624	25 577,876	11,340	10,869
51	50	93 740	2 082,781	23 322,252	11,198	10,727
52	51	93 220	1 922,250	21 239,471	11,049	10,579
53	52	92 635	1 772,797	19 317,221	10,896	10,426
54	53	91 985	1 633,739	17 544,424	10,739	10,268
55	54	91 261	1 504,298	15 910,685	10,577	10,106
56	55	90 459	1 383,836	14 406,388	10,410	9,940
57	56	89 572	1 271,702	13 022,551	10,240	9,770
58	57	88 597	1 167,389	11 750,850	10,066	9,595
59	58	87 529	1 070,370	10 583,460	9,888	9,417
60	59	86 370	980,223	9 513,090	9,705	9,234
61	60	85 118	896,537	8 532,867	9,518	9,047
62	61	83 753	818,706	7 636,331	9,327	8,857
63	62	82 282	746,478	6 817,625	9,133	8,662
64	63	80 716	679,601	6 071,146	8,933	8,463
65	64	79 029	617,535	5 391,545	8,731	8,260
66	65	77 229	560,064	4 774,010	8,524	8,053
67	66	75 341	507,075	4 213,946	8,310	7,840
68	67	73 337	458,085	3 706,870	8,092	7,621
69	68	71 248	413,029	3 248,785	7,866	7,395
70	69	69 015	371,307	2 835,757	7,637	7,167
71	70	66 696	333,022	2 464,450	7,400	6,930
72	71	64 233	297,656	2 131,428	7,161	6,690
73	72	61 694	265,327	1 833,773	6,911	6,441
74	73	59 033	235,622	1 568,446	6,657	6,186
75	74	56 259	208,399	1 332,824	6,396	5,925
76	75	53 397	183,572	1 124,425	6,125	5,655
77	76	50 424	160,881	940,853	5,848	5,377
78	77	47 328	140,144	779,972	5,566	5,095
79	78	44 101	121,196	639,828	5,279	4,809
80	79	40 726	103,871	518,632	4,993	4,522
81	80	37 221	88,103	414,762	4,708	4,237
82	81	33 550	73,701	326,659	4,432	3,962
83	82	29 784	60,723	252,958	4,166	3,695
84	83	26 007	49,209	192,235	3,907	3,436
85	84	22 275	39,116	143,026	3,656	3,186
86	85	18 644	30,385	103,910	3,420	2,949
87	86	15 197	22,986	73,525	3,199	2,728
88	87	12 040	16,900	50,539	2,990	2,520
89	88	9 225	12,018	33,639	2,799	2,328
90	89	6 822	8,249	21,621	2,621	2,150
91	90	4 860	5,454	13,372	2,452	1,981
92	91	3 319	3,456	7,918	2,291	1,820
93	92	2 140	2,068	4,462	2,158	1,687
94	93	1 315	1,180	2,394	2,029	1,558
95	94	760	0,632	1,214	1,920	1,450
96	95	415	0,321	0,582	1,815	1,344
97	96	210	0,151	0,261	1,734	1,263
98	97	100	0,066	0,111	1,668	1,198
99	98	45	0,028	0,044	1,607	1,136
100	99	19	0,011	0,017	1,545	1,074

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 616	85 801,632	1 177 690,710	13,726	13,255
3	1	99 301	79 378,575	1 091 889,078	13,755	13,285
4	2	99 266	73 642,922	1 012 510,504	13,749	13,278
5	3	99 243	68 330,328	938 867,582	13,740	13,269
6	4	99 223	63 402,708	870 537,254	13,730	13,260
7	5	99 204	58 831,441	807 134,546	13,719	13,249
8	6	99 187	54 590,379	748 303,104	13,708	13,237
9	7	99 170	50 655,111	693 712,725	13,695	13,224
10	8	99 157	47 005,759	643 057,614	13,680	13,210
11	9	99 142	43 618,338	596 051,855	13,665	13,195
12	10	99 129	40 475,447	552 433,518	13,649	13,178
13	11	99 116	37 559,437	511 958,071	13,631	13,160
14	12	99 099	34 851,908	474 398,634	13,612	13,141
15	13	99 078	32 338,231	439 546,726	13,592	13,122
16	14	99 052	30 004,654	407 208,495	13,572	13,101
17	15	99 019	27 837,089	377 203,841	13,550	13,080
18	16	98 980	25 824,644	349 366,753	13,528	13,058
19	17	98 927	23 954,476	323 542,108	13,507	13,036
20	18	98 874	22 219,666	299 587,632	13,483	13,012
21	19	98 812	20 608,533	277 367,967	13,459	12,988
22	20	98 755	19 115,156	256 759,434	13,432	12,962
23	21	98 692	17 728,958	237 644,277	13,404	12,934
24	22	98 635	16 444,338	219 915,320	13,373	12,903
25	23	98 572	15 251,836	203 470,981	13,341	12,870
26	24	98 511	14 146,092	188 219,145	13,305	12,835
27	25	98 448	13 120,238	174 073,053	13,268	12,797
28	26	98 384	12 168,616	160 952,815	13,227	12,756
29	27	98 318	11 285,779	148 784,199	13,183	12,713
30	28	98 245	10 466,325	137 498,420	13,137	12,667
31	29	98 167	9 705,786	127 032,095	13,088	12,618
32	30	98 081	8 999,813	117 326,310	13,037	12,566
33	31	97 988	8 344,552	108 326,497	12,982	12,511
34	32	97 886	7 736,267	99 981,946	12,924	12,453
35	33	97 777	7 171,847	92 245,679	12,862	12,392
36	34	97 663	6 648,270	85 073,832	12,796	12,326
37	35	97 540	6 162,282	78 425,561	12,727	12,256
38	36	97 404	5 711,097	72 263,279	12,653	12,182
39	37	97 255	5 292,236	66 552,182	12,575	12,105
40	38	97 101	4 903,788	61 259,946	12,492	12,022
41	39	96 922	4 542,704	56 356,158	12,406	11,935
42	40	96 735	4 207,812	51 813,455	12,314	11,843
43	41	96 529	3 896,862	47 605,642	12,216	11,746
44	42	96 309	3 608,335	43 708,781	12,113	11,643
45	43	96 060	3 340,129	40 100,445	12,006	11,535
46	44	95 784	3 091,006	36 760,317	11,893	11,422
47	45	95 483	2 859,654	33 669,310	11,774	11,303
48	46	95 147	2 644,636	30 809,657	11,650	11,179
49	47	94 779	2 444,920	28 165,021	11,520	11,049
50	48	94 368	2 259,226	25 720,101	11,384	10,914
51	49	93 904	2 086,428	23 460,875	11,245	10,774
52	50	93 393	1 925,819	21 374,447	11,099	10,628
53	51	92 834	1 776,604	19 448,628	10,947	10,476
54	52	92 200	1 637,559	17 672,024	10,792	10,321
55	53	91 496	1 508,170	16 034,465	10,632	10,161
56	54	90 721	1 387,845	14 526,295	10,467	9,996
57	55	89 863	1 275,843	13 138,450	10,298	9,827
58	56	88 915	1 171,580	11 862,607	10,125	9,655
59	57	87 874	1 074,587	10 691,027	9,949	9,478
60	58	86 747	984,505	9 616,440	9,768	9,297
61	59	85 521	900,776	8 631,935	9,583	9,112
62	60	84 197	823,049	7 731,159	9,393	8,923
63	61	82 753	750,747	6 908,111	9,202	8,731
64	62	81 214	683,796	6 157,364	9,005	8,534
65	63	79 566	621,731	5 473,568	8,804	8,333
66	64	77 810	564,280	4 851,836	8,598	8,128
67	65	75 946	511,149	4 287,556	8,388	7,917
68	66	73 985	462,134	3 776,407	8,172	7,701
69	67	71 930	416,983	3 314,272	7,948	7,478
70	68	69 745	375,234	2 897,289	7,721	7,251
71	69	67 476	336,915	2 522,056	7,486	7,015
72	70	65 053	301,453	2 185,141	7,249	6,778
73	71	62 551	269,013	1 883,688	7,002	6,532
74	72	59 921	239,165	1 614,674	6,751	6,281
75	73	57 198	211,877	1 375,510	6,492	6,021
76	74	54 367	186,907	1 163,633	6,226	5,755
77	75	51 412	164,035	976,726	5,954	5,484
78	76	48 372	143,233	812,690	5,674	5,203
79	77	45 176	124,150	669,457	5,392	4,922
80	78	41 876	106,802	545,307	5,106	4,635
81	79	38 428	90,960	438,505	4,821	4,350
82	80	34 819	76,490	347,545	4,544	4,073
83	81	31 112	63,430	271,055	4,273	3,803
84	82	27 358	51,765	207,625	4,011	3,540
85	83	23 615	41,468	155,860	3,759	3,288
86	84	19 944	32,503	114,392	3,519	3,049
87	85	16 450	24,880	81,889	3,291	2,821
88	86	13 190	18,515	57,010	3,079	2,609
89	87	10 249	13,352	38,495	2,883	2,412
90	88	7 702	9,312	25,142	2,700	2,229
91	89	5 584	6,265	15,830	2,527	2,056
92	90	3 893	4,054	9,565	2,359	1,889
93	91	2 571	2,485	5,511	2,218	1,747
94	92	1 619	1,452	3,027	2,084	1,614
95	93	960	0,799	1,574	1,970	1,499
96	94	539	0,417	0,775	1,861	1,390
97	95	281	0,202	0,359	1,778	1,307
98	96	139	0,093	0,157	1,691	1,220
99	97	64	0,039	0,064	1,631	1,160
100	98	27	0,016	0,025	1,574	1,104

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3	0	99 601	79 617,854	1 092 413,827	13,721	13,250
4	1	99 291	73 661,185	1 012 795,974	13,749	13,279
5	2	99 255	68 338,818	939 134,789	13,742	13,272
6	3	99 233	63 409,247	870 795,971	13,733	13,262
7	4	99 214	58 837,071	807 386,723	13,722	13,252
8	5	99 196	54 595,243	748 549,652	13,711	13,240
9	6	99 178	50 659,592	693 954,410	13,698	13,228
10	7	99 162	47 007,943	643 294,817	13,685	13,214
11	8	99 149	43 621,377	596 286,875	13,670	13,199
12	9	99 135	40 477,923	552 665,497	13,654	13,183
13	10	99 122	37 561,634	512 187,574	13,636	13,165
14	11	99 106	34 854,603	474 625,941	13,617	13,147
15	12	99 085	32 340,770	439 771,337	13,598	13,127
16	13	99 062	30 007,481	407 430,567	13,578	13,107
17	14	99 028	27 839,655	377 423,086	13,557	13,086
18	15	98 992	25 827,787	349 583,430	13,535	13,065
19	16	98 942	23 958,004	323 755,643	13,513	13,043
20	17	98 888	22 222,691	299 797,640	13,491	13,020
21	18	98 832	20 612,594	277 574,948	13,466	12,996
22	19	98 772	19 118,498	256 962,354	13,441	12,970
23	20	98 710	17 732,236	237 843,856	13,413	12,942
24	21	98 651	16 447,051	220 111,620	13,383	12,912
25	22	98 588	15 254,320	203 664,570	13,351	12,881
26	23	98 529	14 148,638	188 410,250	13,316	12,846
27	24	98 466	13 122,599	174 261,612	13,280	12,809
28	25	98 403	12 170,931	161 139,013	13,240	12,769
29	26	98 336	11 287,904	148 968,081	13,197	12,726
30	27	98 267	10 468,577	137 680,178	13,152	12,681
31	28	98 190	9 708,073	127 211,600	13,104	12,633
32	29	98 107	9 002,142	117 503,527	13,053	12,582
33	30	98 019	8 347,199	108 501,385	12,999	12,528
34	31	97 916	7 738,697	100 154,186	12,942	12,471
35	32	97 810	7 174,305	92 415,489	12,881	12,411
36	33	97 698	6 650,667	85 241,184	12,817	12,346
37	34	97 579	6 164,785	78 590,518	12,748	12,278
38	35	97 444	5 713,452	72 425,732	12,676	12,206
39	36	97 300	5 294,663	66 712,280	12,600	12,129
40	37	97 147	4 906,116	61 417,617	12,519	12,048
41	38	96 981	4 545,446	56 511,501	12,433	11,962
42	39	96 793	4 210,343	51 966,055	12,342	11,872
43	40	96 595	3 899,536	47 755,712	12,247	11,776
44	41	96 380	3 611,008	43 856,176	12,145	11,674
45	42	96 136	3 342,782	40 245,168	12,039	11,569
46	43	95 871	3 093,816	36 902,386	11,928	11,457
47	44	95 576	2 862,432	33 808,570	11,811	11,340
48	45	95 257	2 647,687	30 946,138	11,688	11,217
49	46	94 894	2 447,901	28 298,451	11,560	11,090
50	47	94 497	2 262,326	25 850,551	11,427	10,956
51	48	94 054	2 089,759	23 588,225	11,288	10,817
52	49	93 556	1 929,192	21 498,466	11,144	10,673
53	50	93 006	1 779,903	19 569,274	10,995	10,524
54	51	92 398	1 641,075	17 789,372	10,840	10,369
55	52	91 710	1 511,697	16 148,297	10,682	10,212
56	53	90 955	1 391,418	14 636,600	10,519	10,049
57	54	90 124	1 279,539	13 245,182	10,352	9,881
58	55	89 204	1 175,395	11 965,643	10,180	9,709
59	56	88 190	1 078,445	10 790,249	10,005	9,535
60	57	87 089	988,384	9 711,804	9,826	9,355
61	58	85 894	904,711	8 723,421	9,642	9,172
62	59	84 595	826,940	7 818,710	9,455	8,984
63	60	83 192	754,729	6 991,769	9,264	8,793
64	61	81 679	687,706	6 237,040	9,069	8,599
65	62	80 057	625,569	5 549,334	8,871	8,400
66	63	78 339	568,115	4 923,765	8,667	8,196
67	64	76 518	514,998	4 355,651	8,458	7,987
68	65	74 579	465,847	3 840,653	8,244	7,774
69	66	72 566	420,669	3 374,805	8,022	7,552
70	67	70 412	378,826	2 954,137	7,798	7,327
71	68	68 189	340,478	2 575,311	7,564	7,093
72	69	65 813	304,977	2 234,833	7,328	6,857
73	70	63 349	272,446	1 929,856	7,083	6,613
74	71	60 753	242,487	1 657,410	6,835	6,364
75	72	58 058	215,063	1 414,923	6,579	6,108
76	73	55 275	190,026	1 199,860	6,314	5,844
77	74	52 346	167,015	1 009,833	6,046	5,576
78	75	49 320	146,042	842,818	5,771	5,300
79	76	46 172	126,886	696,776	5,491	5,021
80	77	42 896	109,406	569,890	5,209	4,738
81	78	39 513	93,528	460,484	4,924	4,453
82	79	35 949	78,970	366,957	4,647	4,176
83	80	32 289	65,830	287,986	4,375	3,904
84	81	28 578	54,072	222,156	4,108	3,638
85	82	24 841	43,622	168,084	3,853	3,383
86	83	21 143	34,457	124,462	3,612	3,141
87	84	17 596	26,614	90,005	3,382	2,911
88	85	14 276	20,040	63,391	3,163	2,693
89	86	11 228	14,628	43,350	2,964	2,493
90	87	8 557	10,346	28,723	2,776	2,306
91	88	6 304	7,073	18,377	2,598	2,127
92	89	4 472	4,657	11,304	2,427	1,957
93	90	3 015	2,914	6,646	2,281	1,810
94	91	1 945	1,745	3,732	2,139	1,669
95	92	1 182	0,984	1,987	2,020	1,550
96	93	682	0,527	1,004	1,906	1,435
97	94	365	0,262	0,477	1,821	1,350
98	95	187	0,124	0,215	1,732	1,262
99	96	89	0,055	0,091	1,652	1,182
100	97	39	0,022	0,036	1,597	1,126

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4	0	99 590	73 883,230	1 013 278,525	13,715	13,244
5	1	99 280	68 355,766	939 395,295	13,743	13,272
6	2	99 245	63 417,125	871 039,529	13,735	13,264
7	3	99 224	58 843,140	807 622,404	13,725	13,254
8	4	99 205	54 600,467	748 779,264	13,714	13,243
9	5	99 187	50 664,106	694 178,797	13,702	13,231
10	6	99 170	47 012,101	643 514,691	13,688	13,218
11	7	99 154	43 623,404	596 502,590	13,674	13,203
12	8	99 142	40 480,744	552 879,186	13,658	13,187
13	9	99 128	37 563,932	512 398,442	13,641	13,170
14	10	99 112	34 856,642	474 834,511	13,622	13,152
15	11	99 093	32 343,271	439 977,869	13,603	13,133
16	12	99 070	30 009,838	407 634,597	13,583	13,113
17	13	99 037	27 842,279	377 624,759	13,563	13,092
18	14	99 001	25 830,168	349 782,481	13,542	13,071
19	15	98 954	23 960,919	323 952,312	13,520	13,049
20	16	98 902	22 225,964	299 991,393	13,497	13,027
21	17	98 845	20 615,401	277 765,429	13,474	13,003
22	18	98 791	19 122,265	257 150,028	13,448	12,977
23	19	98 727	17 735,336	238 027,763	13,421	12,950
24	20	98 670	16 450,092	220 292,427	13,392	12,921
25	21	98 604	15 256,836	203 842,335	13,361	12,890
26	22	98 545	14 150,942	188 585,499	13,327	12,856
27	23	98 484	13 124,961	174 434,557	13,290	12,820
28	24	98 421	12 173,122	161 309,596	13,251	12,781
29	25	98 355	11 290,051	149 136,474	13,210	12,739
30	26	98 285	10 470,548	137 846,423	13,165	12,694
31	27	98 211	9 710,163	127 375,875	13,118	12,647
32	28	98 130	9 004,264	117 665,713	13,068	12,597
33	29	98 045	8 349,359	108 661,449	13,014	12,544
34	30	97 947	7 741,152	100 312,090	12,958	12,488
35	31	97 841	7 176,559	92 570,938	12,899	12,428
36	32	97 732	6 652,946	85 394,379	12,836	12,365
37	33	97 614	6 167,008	78 741,433	12,768	12,298
38	34	97 484	5 715,773	72 574,425	12,697	12,227
39	35	97 340	5 296,846	66 858,653	12,622	12,152
40	36	97 191	4 908,367	61 561,807	12,542	12,072
41	37	97 027	4 547,604	56 653,440	12,458	11,987
42	38	96 851	4 212,885	52 105,835	12,368	11,898
43	39	96 653	3 901,881	47 892,951	12,274	11,804
44	40	96 447	3 613,486	43 991,070	12,174	11,703
45	41	96 207	3 345,258	40 377,583	12,070	11,599
46	42	95 948	3 096,273	37 032,325	11,960	11,490
47	43	95 663	2 865,034	33 936,052	11,845	11,374
48	44	95 349	2 650,259	31 071,018	11,724	11,253
49	45	95 004	2 450,725	28 420,759	11,597	11,126
50	46	94 612	2 265,083	25 970,035	11,465	10,995
51	47	94 183	2 092,627	23 704,951	11,328	10,857
52	48	93 706	1 932,272	21 612,325	11,185	10,714
53	49	93 169	1 783,019	19 680,053	11,037	10,567
54	50	92 569	1 644,122	17 897,034	10,885	10,415
55	51	91 907	1 514,943	16 252,911	10,728	10,258
56	52	91 167	1 394,672	14 737,969	10,567	10,097
57	53	90 356	1 282,833	13 343,297	10,401	9,931
58	54	89 463	1 178,800	12 060,464	10,231	9,760
59	55	88 477	1 081,956	10 881,664	10,057	9,587
60	56	87 401	991,932	9 799,709	9,879	9,409
61	57	86 233	908,275	8 807,777	9,697	9,227
62	58	84 965	830,553	7 899,502	9,511	9,040
63	59	83 585	758,298	7 068,949	9,322	8,851
64	60	82 112	691,354	6 310,651	9,128	8,657
65	61	80 515	629,146	5 619,297	8,932	8,461
66	62	78 822	571,621	4 990,151	8,730	8,259
67	63	77 038	518,497	4 418,530	8,522	8,051
68	64	75 141	469,355	3 900,033	8,309	7,839
69	65	73 149	424,049	3 430,678	8,090	7,620
70	66	71 035	382,174	3 006,630	7,867	7,397
71	67	68 842	343,737	2 624,455	7,635	7,164
72	68	66 509	308,203	2 280,718	7,400	6,929
73	69	64 090	275,631	1 972,515	7,156	6,686
74	70	61 528	245,581	1 696,885	6,910	6,439
75	71	58 864	218,051	1 451,303	6,656	6,185
76	72	56 106	192,884	1 233,253	6,394	5,923
77	73	53 220	169,803	1 040,369	6,127	5,656
78	74	50 216	148,695	870,566	5,855	5,384
79	75	47 078	129,375	721,871	5,580	5,109
80	76	43 842	111,817	592,497	5,299	4,828
81	77	40 476	95,808	480,680	5,017	4,546
82	78	36 963	81,199	384,872	4,740	4,269
83	79	33 337	67,966	303,673	4,468	3,997
84	80	29 659	56,118	235,708	4,200	3,730
85	81	25 949	45,567	179,589	3,941	3,471
86	82	22 241	36,247	134,023	3,698	3,227
87	83	18 654	28,214	97,776	3,465	2,995
88	84	15 272	21,437	69,562	3,245	2,774
89	85	12 154	15,833	48,125	3,040	2,569
90	86	9 374	11,334	32,292	2,849	2,378
91	87	7 003	7,859	20,958	2,667	2,196
92	88	5 049	5,258	13,099	2,491	2,021
93	89	3 464	3,348	7,841	2,342	1,871
94	90	2 281	2,046	4,493	2,196	1,725
95	91	1 420	1,182	2,447	2,070	1,600
96	92	839	0,648	1,265	1,952	1,481
97	93	462	0,331	0,617	1,863	1,392
98	94	242	0,161	0,286	1,772	1,301
99	95	119	0,074	0,125	1,691	1,220
100	96	55	0,031	0,051	1,616	1,146

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5	0	99 579	68 561,818	939 838,992	13,708	13,237
6	1	99 270	63 432,853	871 277,175	13,735	13,265
7	2	99 236	58 850,450	807 844,322	13,727	13,256
8	3	99 215	54 606,098	748 993,871	13,716	13,246
9	4	99 197	50 668,954	694 387,773	13,704	13,234
10	5	99 179	47 016,289	643 718,819	13,691	13,221
11	6	99 163	43 627,263	596 702,529	13,677	13,207
12	7	99 146	40 482,624	553 075,266	13,662	13,191
13	8	99 135	37 566,549	512 592,642	13,645	13,174
14	9	99 118	34 858,775	475 026,092	13,627	13,156
15	10	99 099	32 345,163	440 167,318	13,608	13,138
16	11	99 077	30 012,159	407 822,154	13,589	13,118
17	12	99 045	27 844,465	377 809,996	13,569	13,098
18	13	99 010	25 832,602	349 965,531	13,547	13,077
19	14	98 963	23 963,128	324 132,928	13,526	13,056
20	15	98 914	22 228,669	300 169,800	13,504	13,033
21	16	98 860	20 618,437	277 941,131	13,480	13,010
22	17	98 805	19 124,869	257 322,694	13,455	12,984
23	18	98 747	17 738,831	238 197,825	13,428	12,957
24	19	98 687	16 452,968	220 458,994	13,399	12,929
25	20	98 623	15 259,657	204 006,026	13,369	12,898
26	21	98 561	14 153,276	188 746,369	13,336	12,865
27	22	98 500	13 127,098	174 593,094	13,300	12,830
28	23	98 438	12 175,313	161 465,995	13,262	12,791
29	24	98 373	11 292,083	149 290,682	13,221	12,750
30	25	98 304	10 472,540	137 998,599	13,177	12,707
31	26	98 230	9 711,990	127 526,059	13,131	12,660
32	27	98 151	9 006,202	117 814,069	13,081	12,611
33	28	98 068	8 351,327	108 807,867	13,029	12,558
34	29	97 973	7 743,156	100 456,540	12,974	12,503
35	30	97 872	7 178,835	92 713,384	12,915	12,444
36	31	97 763	6 655,036	85 534,549	12,853	12,382
37	32	97 648	6 169,121	78 879,513	12,786	12,316
38	33	97 519	5 717,833	72 710,392	12,716	12,246
39	34	97 380	5 298,998	66 992,559	12,642	12,172
40	35	97 232	4 910,390	61 693,561	12,564	12,093
41	36	97 071	4 549,690	56 783,171	12,481	12,010
42	37	96 897	4 214,885	52 233,481	12,393	11,922
43	38	96 712	3 904,237	48 018,595	12,299	11,828
44	39	96 505	3 615,660	44 114,359	12,201	11,730
45	40	96 273	3 347,554	40 498,699	12,098	11,627
46	41	96 019	3 098,567	37 151,145	11,990	11,519
47	42	95 739	2 867,310	34 052,578	11,876	11,405
48	43	95 436	2 652,668	31 185,269	11,756	11,286
49	44	95 096	2 453,105	28 532,601	11,631	11,161
50	45	94 722	2 267,696	26 079,496	11,500	11,030
51	46	94 298	2 095,178	23 811,799	11,365	10,894
52	47	93 834	1 934,923	21 716,622	11,224	10,753
53	48	93 318	1 785,866	19 781,699	11,077	10,606
54	49	92 731	1 647,001	17 995,832	10,926	10,456
55	50	92 077	1 517,756	16 348,831	10,772	10,301
56	51	91 363	1 397,666	14 831,076	10,611	10,141
57	52	90 567	1 285,832	13 433,409	10,447	9,977
58	53	89 693	1 181,834	12 147,577	10,279	9,808
59	54	88 733	1 085,090	10 965,742	10,106	9,635
60	55	87 686	995,161	9 880,652	9,929	9,458
61	56	86 542	911,536	8 885,491	9,748	9,277
62	57	85 299	833,825	7 973,955	9,563	9,092
63	58	83 950	761,610	7 140,130	9,375	8,904
64	59	82 500	694,623	6 378,520	9,183	8,712
65	60	80 942	632,483	5 683,897	8,987	8,516
66	61	79 273	574,890	5 051,414	8,787	8,316
67	62	77 513	521,697	4 476,524	8,581	8,110
68	63	75 651	472,544	3 954,826	8,369	7,899
69	64	73 700	427,241	3 482,283	8,151	7,680
70	65	71 606	385,245	3 055,041	7,930	7,459
71	66	69 451	346,776	2 669,796	7,699	7,228
72	67	67 146	311,153	2 323,021	7,466	6,995
73	68	64 768	278,546	2 011,867	7,223	6,752
74	69	62 247	248,452	1 733,322	6,976	6,506
75	70	59 616	220,833	1 484,870	6,724	6,253
76	71	56 885	195,563	1 264,037	6,464	5,993
77	72	54 020	172,356	1 068,473	6,199	5,729
78	73	51 054	151,176	896,117	5,928	5,457
79	74	47 933	131,725	744,941	5,655	5,185
80	75	44 702	114,010	613,216	5,379	4,908
81	76	41 368	97,919	499,206	5,098	4,627
82	77	37 864	83,179	401,287	4,824	4,354
83	78	34 278	69,884	318,109	4,552	4,081
84	79	30 621	57,939	248,225	4,284	3,814
85	80	26 931	47,291	190,286	4,024	3,553
86	81	23 232	37,862	142,995	3,777	3,306
87	82	19 623	29,680	105,133	3,542	3,072
88	83	16 190	22,726	75,453	3,320	2,849
89	84	13 001	16,937	52,727	3,113	2,643
90	85	10 147	12,268	35,791	2,917	2,447
91	86	7 672	8,609	23,523	2,732	2,262
92	87	5 609	5,841	14,914	2,553	2,082
93	88	3 911	3,780	9,072	2,400	1,930
94	89	2 621	2,351	5,293	2,251	1,781
95	90	1 665	1,386	2,942	2,122	1,651
96	91	1 008	0,779	1,555	1,998	1,527
97	92	568	0,408	0,777	1,906	1,435
98	93	306	0,204	0,369	1,810	1,340
99	94	155	0,096	0,165	1,727	1,257
100	95	73	0,042	0,070	1,652	1,181

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	63 624,065	871 685,115	13,701	13,230
7	1	99 261	58 865,045	808 061,050	13,727	13,257
8	2	99 228	54 612,883	749 196,004	13,718	13,248
9	3	99 207	50 674,180	694 583,121	13,707	13,236
10	4	99 189	47 020,789	643 908,942	13,694	13,223
11	5	99 171	43 631,150	596 888,153	13,680	13,210
12	6	99 155	40 486,206	553 257,003	13,665	13,195
13	7	99 139	37 568,295	512 770,797	13,649	13,178
14	8	99 125	34 861,204	475 202,503	13,631	13,161
15	9	99 105	32 347,142	440 341,299	13,613	13,142
16	10	99 083	30 013,914	407 994,156	13,594	13,123
17	11	99 053	27 846,618	377 980,242	13,574	13,103
18	12	99 018	25 834,631	350 133,624	13,553	13,082
19	13	98 972	23 965,386	324 298,993	13,532	13,061
20	14	98 923	22 230,718	300 333,607	13,510	13,039
21	15	98 872	20 620,946	278 102,888	13,486	13,016
22	16	98 819	19 127,686	257 481,942	13,461	12,991
23	17	98 760	17 741,247	238 354,256	13,435	12,964
24	18	98 706	16 456,210	220 613,010	13,406	12,935
25	19	98 640	15 262,325	204 156,800	13,377	12,906
26	20	98 579	14 155,893	188 894,475	13,344	12,873
27	21	98 516	13 129,263	174 738,582	13,309	12,838
28	22	98 454	12 177,295	161 609,319	13,271	12,801
29	23	98 391	11 294,116	149 432,024	13,231	12,760
30	24	98 322	10 474,425	138 137,908	13,188	12,717
31	25	98 249	9 713,838	127 663,483	13,142	12,672
32	26	98 169	9 007,897	117 949,645	13,094	12,623
33	27	98 089	8 353,125	108 941,748	13,042	12,571
34	28	97 996	7 744,981	100 588,623	12,988	12,517
35	29	97 897	7 180,693	92 843,643	12,930	12,459
36	30	97 794	6 657,147	85 662,949	12,868	12,397
37	31	97 679	6 171,059	79 005,802	12,803	12,332
38	32	97 552	5 719,793	72 834,743	12,734	12,263
39	33	97 415	5 300,908	67 114,951	12,661	12,190
40	34	97 271	4 912,385	61 814,043	12,583	12,113
41	35	97 111	4 551,566	56 901,658	12,502	12,031
42	36	96 942	4 216,819	52 350,092	12,415	11,944
43	37	96 758	3 906,091	48 133,273	12,323	11,852
44	38	96 563	3 617,842	44 227,183	12,225	11,754
45	39	96 331	3 349,567	40 609,340	12,124	11,653
46	40	96 085	3 100,693	37 259,773	12,017	11,546
47	41	95 809	2 869,434	34 159,080	11,904	11,434
48	42	95 512	2 654,775	31 289,646	11,786	11,316
49	43	95 183	2 455,335	28 634,871	11,662	11,192
50	44	94 814	2 269,899	26 179,536	11,533	11,063
51	45	94 407	2 097,594	23 909,637	11,399	10,928
52	46	93 949	1 937,282	21 812,042	11,259	10,788
53	47	93 446	1 788,317	19 874,761	11,114	10,643
54	48	92 879	1 649,631	18 086,444	10,964	10,493
55	49	92 238	1 520,413	16 436,813	10,811	10,340
56	50	91 533	1 400,261	14 916,400	10,653	10,182
57	51	90 761	1 288,594	13 516,138	10,489	10,018
58	52	89 903	1 184,598	12 227,545	10,322	9,851
59	53	88 961	1 087,884	11 042,947	10,151	9,680
60	54	87 940	998,044	9 955,063	9,975	9,504
61	55	86 824	914,504	8 957,019	9,794	9,324
62	56	85 606	836,818	8 042,515	9,611	9,140
63	57	84 281	764,611	7 205,697	9,424	8,953
64	58	82 861	697,657	6 441,086	9,232	8,762
65	59	81 324	635,474	5 743,429	9,038	8,567
66	60	79 693	577,939	5 107,955	8,838	8,368
67	61	77 957	524,681	4 530,016	8,634	8,163
68	62	76 118	475,461	4 005,335	8,424	7,953
69	63	74 200	430,144	3 529,875	8,206	7,736
70	64	72 145	388,145	3 099,730	7,986	7,515
71	65	70 009	349,562	2 711,585	7,757	7,286
72	66	67 739	313,904	2 362,023	7,525	7,054
73	67	65 388	281,212	2 048,119	7,283	6,813
74	68	62 906	251,080	1 766,907	7,037	6,567
75	69	60 312	223,414	1 515,827	6,785	6,314
76	70	57 611	198,059	1 292,413	6,525	6,055
77	71	54 771	174,750	1 094,354	6,262	5,792
78	72	51 822	153,450	919,604	5,993	5,522
79	73	48 733	133,923	766,154	5,721	5,250
80	74	45 514	116,081	632,231	5,446	4,976
81	75	42 179	99,839	516,150	5,170	4,699
82	76	38 699	85,012	416,311	4,897	4,426
83	77	35 113	71,587	331,299	4,628	4,157
84	78	31 485	59,574	259,712	4,359	3,889
85	79	27 804	48,825	200,138	4,099	3,628
86	80	24 111	39,295	151,313	3,851	3,380
87	81	20 498	31,003	112,018	3,613	3,142
88	82	17 031	23,906	81,015	3,389	2,918
89	83	13 782	17,955	57,109	3,181	2,710
90	84	10 854	13,123	39,154	2,984	2,513
91	85	8 305	9,318	26,031	2,793	2,323
92	86	6 145	6,399	16,712	2,612	2,141
93	87	4 345	4,199	10,313	2,456	1,985
94	88	2 959	2,654	6,114	2,304	1,833
95	89	1 913	1,593	3,460	2,172	1,702
96	90	1 182	0,913	1,867	2,044	1,574
97	91	683	0,490	0,954	1,948	1,477
98	92	377	0,251	0,464	1,850	1,379
99	93	196	0,121	0,213	1,763	1,292
100	94	95	0,055	0,092	1,686	1,215

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 560	59 042,488	808 436,096	13,692	13,222
8	1	99 252	54 626,427	749 393,607	13,719	13,248
9	2	99 219	50 680,476	694 767,180	13,709	13,238
10	3	99 199	47 025,638	644 086,705	13,697	13,226
11	4	99 181	43 635,325	597 061,066	13,683	13,212
12	5	99 164	40 489,813	553 425,741	13,668	13,198
13	6	99 148	37 571,618	512 935,929	13,652	13,182
14	7	99 130	34 862,824	475 364,310	13,635	13,165
15	8	99 112	32 349,396	440 501,487	13,617	13,146
16	9	99 089	30 015,750	408 152,090	13,598	13,127
17	10	99 058	27 848,247	378 136,340	13,578	13,108
18	11	99 025	25 836,629	350 288,093	13,558	13,087
19	12	98 980	23 967,268	324 451,464	13,537	13,067
20	13	98 933	22 232,813	300 484,196	13,515	13,045
21	14	98 881	20 622,848	278 251,382	13,492	13,022
22	15	98 832	19 130,013	257 628,535	13,467	12,997
23	16	98 775	17 743,859	238 498,521	13,441	12,971
24	17	98 720	16 458,451	220 754,662	13,413	12,942
25	18	98 659	15 265,332	204 296,211	13,383	12,912
26	19	98 597	14 158,368	189 030,879	13,351	12,881
27	20	98 534	13 131,691	174 872,512	13,317	12,846
28	21	98 471	12 179,304	161 740,821	13,280	12,809
29	22	98 407	11 295,955	149 561,517	13,240	12,770
30	23	98 339	10 476,310	138 265,562	13,198	12,727
31	24	98 266	9 715,586	127 789,252	13,153	12,682
32	25	98 188	9 009,611	118 073,666	13,105	12,635
33	26	98 107	8 354,697	109 064,055	13,054	12,584
34	27	98 017	7 746,648	100 709,358	13,000	12,530
35	28	97 920	7 182,386	92 962,710	12,943	12,472
36	29	97 819	6 658,870	85 780,324	12,882	12,411
37	30	97 709	6 173,017	79 121,454	12,817	12,347
38	31	97 583	5 721,589	72 948,437	12,750	12,279
39	32	97 448	5 302,725	67 226,848	12,678	12,207
40	33	97 306	4 914,156	61 924,124	12,601	12,131
41	34	97 151	4 553,415	57 009,968	12,520	12,050
42	35	96 982	4 218,557	52 456,553	12,435	11,964
43	36	96 802	3 907,882	48 237,996	12,344	11,873
44	37	96 609	3 619,560	44 330,114	12,247	11,777
45	38	96 389	3 351,589	40 710,553	12,147	11,676
46	39	96 142	3 102,558	37 358,964	12,041	11,571
47	40	95 875	2 871,403	34 256,406	11,930	11,460
48	41	95 583	2 656,742	31 385,003	11,813	11,343
49	42	95 258	2 457,286	28 728,262	11,691	11,220
50	43	94 900	2 271,963	26 270,976	11,563	11,092
51	44	94 498	2 099,632	23 999,014	11,430	10,959
52	45	94 057	1 939,517	21 899,381	11,291	10,820
53	46	93 560	1 790,497	19 959,865	11,148	10,677
54	47	93 007	1 651,894	18 169,368	10,999	10,528
55	48	92 386	1 522,841	16 517,474	10,846	10,376
56	49	91 693	1 402,713	14 994,633	10,690	10,219
57	50	90 930	1 290,986	13 591,919	10,528	10,058
58	51	90 096	1 187,142	12 300,933	10,362	9,891
59	52	89 169	1 090,428	11 113,792	10,192	9,721
60	53	88 166	1 000,614	10 023,364	10,017	9,547
61	54	87 075	917,153	9 022,750	9,838	9,367
62	55	85 884	839,543	8 105,597	9,655	9,184
63	56	84 583	767,355	7 266,054	9,469	8,998
64	57	83 187	700,406	6 498,699	9,278	8,808
65	58	81 680	638,250	5 798,293	9,085	8,614
66	59	80 070	580,672	5 160,043	8,886	8,416
67	60	78 370	527,463	4 579,371	8,682	8,211
68	61	76 554	478,179	4 051,908	8,474	8,003
69	62	74 658	432,799	3 573,728	8,257	7,787
70	63	72 635	390,783	3 140,929	8,038	7,567
71	64	70 536	352,194	2 750,146	7,809	7,338
72	65	68 284	316,426	2 397,953	7,578	7,108
73	66	65 966	283,698	2 081,527	7,337	6,866
74	67	63 508	253,483	1 797,829	7,092	6,622
75	68	60 950	225,777	1 544,345	6,840	6,369
76	69	58 285	200,374	1 318,568	6,581	6,110
77	70	55 470	176,980	1 118,194	6,318	5,848
78	71	52 542	155,581	941,214	6,050	5,579
79	72	49 466	135,937	785,633	5,779	5,309
80	73	46 273	118,018	649,696	5,505	5,034
81	74	42 946	101,653	531,677	5,230	4,760
82	75	39 458	86,679	430,024	4,961	4,490
83	76	35 887	73,165	343,345	4,693	4,222
84	77	32 253	61,026	270,180	4,427	3,957
85	78	28 589	50,203	209,154	4,166	3,696
86	79	24 893	40,570	158,952	3,918	3,447
87	80	21 273	32,176	118,382	3,679	3,209
88	81	17 790	24,972	86,206	3,452	2,981
89	82	14 498	18,888	61,234	3,242	2,771
90	83	11 507	13,912	42,347	3,044	2,573
91	84	8 883	9,968	28,435	2,853	2,382
92	85	6 651	6,927	18,467	2,666	2,195
93	86	4 760	4,600	11,540	2,508	2,038
94	87	3 287	2,949	6,940	2,353	1,883
95	88	2 160	1,798	3,991	2,220	1,749
96	89	1 358	1,049	2,193	2,090	1,619
97	90	801	0,574	1,144	1,991	1,520
98	91	453	0,302	0,569	1,888	1,417
99	92	241	0,149	0,268	1,799	1,328
100	93	121	0,069	0,119	1,719	1,248

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 552	54 791,093	749 738,401	13,684	13,213
9	1	99 244	50 693,044	694 947,308	13,709	13,238
10	2	99 211	47 031,481	644 254,264	13,698	13,228
11	3	99 191	43 639,826	597 222,783	13,685	13,215
12	4	99 173	40 493,687	553 582,957	13,671	13,200
13	5	99 157	37 574,965	513 089,270	13,655	13,184
14	6	99 139	34 865,908	475 514,305	13,638	13,168
15	7	99 116	32 350,899	440 648,397	13,621	13,150
16	8	99 096	30 017,842	408 297,497	13,602	13,131
17	9	99 065	27 849,951	378 279,655	13,583	13,112
18	10	99 031	25 838,140	350 429,704	13,562	13,092
19	11	98 988	23 969,122	324 591,564	13,542	13,071
20	12	98 940	22 234,559	300 622,442	13,521	13,050
21	13	98 890	20 624,791	278 387,883	13,498	13,027
22	14	98 841	19 131,777	257 763,092	13,473	13,002
23	15	98 787	17 746,018	238 631,315	13,447	12,976
24	16	98 734	16 460,875	220 885,297	13,419	12,948
25	17	98 673	15 267,411	204 424,422	13,390	12,919
26	18	98 616	14 161,157	189 157,011	13,357	12,887
27	19	98 551	13 133,987	174 995,853	13,324	12,853
28	20	98 489	12 181,556	161 861,867	13,287	12,817
29	21	98 423	11 297,818	149 680,311	13,249	12,778
30	22	98 355	10 478,016	138 382,493	13,207	12,736
31	23	98 284	9 717,335	127 904,477	13,163	12,692
32	24	98 206	9 011,232	118 187,142	13,116	12,645
33	25	98 126	8 356,287	109 175,910	13,065	12,594
34	26	98 035	7 748,106	100 819,623	13,012	12,542
35	27	97 942	7 183,932	93 071,517	12,956	12,485
36	28	97 842	6 660,440	85 887,586	12,895	12,425
37	29	97 735	6 174,614	79 227,146	12,831	12,360
38	30	97 614	5 723,404	73 052,532	12,764	12,293
39	31	97 479	5 304,390	67 329,127	12,693	12,222
40	32	97 339	4 915,840	62 024,737	12,617	12,147
41	33	97 186	4 555,056	57 108,897	12,537	12,067
42	34	97 021	4 220,271	52 553,841	12,453	11,982
43	35	96 842	3 909,494	48 333,570	12,363	11,892
44	36	96 653	3 621,221	44 424,077	12,268	11,797
45	37	96 435	3 353,181	40 802,856	12,168	11,698
46	38	96 200	3 104,431	37 449,675	12,063	11,593
47	39	95 933	2 873,130	34 345,244	11,954	11,483
48	40	95 648	2 658,565	31 472,114	11,838	11,367
49	41	95 329	2 459,106	28 813,550	11,717	11,246
50	42	94 975	2 273,767	26 354,444	11,591	11,120
51	43	94 584	2 101,541	24 080,677	11,459	10,988
52	44	94 149	1 941,401	21 979,136	11,321	10,851
53	45	93 668	1 792,562	20 037,735	11,178	10,708
54	46	93 120	1 653,908	18 245,173	11,032	10,561
55	47	92 512	1 524,930	16 591,265	10,880	10,409
56	48	91 839	1 404,953	15 066,334	10,724	10,253
57	49	91 089	1 293,247	13 661,381	10,564	10,093
58	50	90 263	1 189,346	12 368,135	10,399	9,928
59	51	89 361	1 092,769	11 178,789	10,230	9,759
60	52	88 373	1 002,954	10 086,020	10,056	9,586
61	53	87 300	919,514	9 083,066	9,878	9,407
62	54	86 133	841,975	8 163,552	9,696	9,225
63	55	84 859	769,854	7 321,577	9,510	9,040
64	56	83 486	702,920	6 551,723	9,321	8,850
65	57	82 001	640,764	5 848,803	9,128	8,657
66	58	80 420	583,209	5 208,039	8,930	8,459
67	59	78 741	529,958	4 624,830	8,727	8,256
68	60	76 960	480,716	4 094,873	8,518	8,048
69	61	75 085	435,274	3 614,157	8,303	7,833
70	62	73 083	393,195	3 178,883	8,085	7,614
71	63	71 015	354,587	2 785,688	7,856	7,385
72	64	68 798	318,808	2 431,101	7,626	7,155
73	65	66 496	285,977	2 112,293	7,386	6,916
74	66	64 069	255,724	1 826,316	7,142	6,671
75	67	61 534	227,939	1 570,591	6,890	6,420
76	68	58 901	202,493	1 342,653	6,631	6,160
77	69	56 118	179,049	1 140,160	6,368	5,897
78	70	53 212	157,566	961,111	6,100	5,629
79	71	50 153	137,826	803,544	5,830	5,359
80	72	46 969	119,793	665,719	5,557	5,087
81	73	43 663	103,350	545,926	5,282	4,812
82	74	40 174	88,254	442,576	5,015	4,544
83	75	36 591	74,600	354,323	4,750	4,279
84	76	32 964	62,371	279,723	4,485	4,014
85	77	29 286	51,426	217,352	4,226	3,756
86	78	25 596	41,715	165,925	3,978	3,507
87	79	21 963	33,220	124,211	3,739	3,268
88	80	18 463	25,917	90,991	3,511	3,040
89	81	15 144	19,729	65,074	3,298	2,828
90	82	12 104	14,635	45,345	3,098	2,628
91	83	9 417	10,567	30,710	2,906	2,435
92	84	7 115	7,409	20,143	2,719	2,248
93	85	5 152	4,980	12,734	2,557	2,087
94	86	3 601	3,230	7,754	2,400	1,930
95	87	2 400	1,998	4,524	2,265	1,794
96	88	1 533	1,185	2,526	2,132	1,662
97	89	920	0,660	1,342	2,033	1,562
98	90	531	0,354	0,682	1,927	1,457
99	91	290	0,179	0,328	1,834	1,363
100	92	149	0,085	0,149	1,752	1,281

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9	0	99 543	50 845,854	695 264,286	13,674	13,203
10	1	99 236	47 043,145	644 418,433	13,698	13,228
11	2	99 204	43 645,248	597 375,288	13,687	13,216
12	3	99 184	40 497,864	553 730,040	13,673	13,202
13	4	99 166	37 578,561	513 232,177	13,658	13,187
14	5	99 147	34 869,014	475 653,615	13,641	13,170
15	6	99 125	32 353,761	440 784,601	13,624	13,153
16	7	99 101	30 019,237	408 430,840	13,606	13,135
17	8	99 071	27 851,892	378 411,603	13,587	13,116
18	9	99 037	25 839,721	350 559,712	13,567	13,096
19	10	98 993	23 970,524	324 719,991	13,547	13,076
20	11	98 948	22 236,279	300 749,467	13,525	13,055
21	12	98 898	20 626,411	278 513,188	13,503	13,032
22	13	98 850	19 133,580	257 886,778	13,478	13,008
23	14	98 796	17 747,655	238 753,198	13,453	12,982
24	15	98 746	16 462,878	221 005,543	13,424	12,954
25	16	98 687	15 269,659	204 542,665	13,395	12,925
26	17	98 630	14 163,086	189 273,006	13,364	12,893
27	18	98 571	13 136,575	175 109,920	13,330	12,859
28	19	98 506	12 183,685	161 973,345	13,294	12,824
29	20	98 441	11 299,907	149 789,659	13,256	12,785
30	21	98 371	10 479,744	138 489,753	13,215	12,744
31	22	98 300	9 718,918	128 010,009	13,171	12,701
32	23	98 223	9 012,854	118 291,091	13,125	12,654
33	24	98 144	8 357,790	109 278,237	13,075	12,604
34	25	98 054	7 749,580	100 920,446	13,023	12,552
35	26	97 960	7 185,284	93 170,866	12,967	12,496
36	27	97 863	6 661,873	85 985,582	12,907	12,436
37	28	97 758	6 176,070	79 323,709	12,844	12,373
38	29	97 639	5 724,886	73 147,640	12,777	12,306
39	30	97 510	5 306,073	67 422,754	12,707	12,236
40	31	97 370	4 917,384	62 116,681	12,632	12,161
41	32	97 219	4 556,618	57 199,297	12,553	12,082
42	33	97 056	4 221,792	52 642,679	12,469	11,999
43	34	96 881	3 911,081	48 420,888	12,380	11,910
44	35	96 693	3 622,714	44 509,806	12,286	11,816
45	36	96 479	3 354,719	40 887,092	12,188	11,717
46	37	96 246	3 105,905	37 532,374	12,084	11,614
47	38	95 991	2 874,864	34 426,468	11,975	11,504
48	39	95 706	2 660,164	31 551,604	11,861	11,390
49	40	95 394	2 460,793	28 891,440	11,741	11,270
50	41	95 046	2 275,452	26 430,647	11,616	11,145
51	42	94 659	2 103,210	24 155,195	11,485	11,014
52	43	94 234	1 943,165	22 051,985	11,348	10,878
53	44	93 759	1 794,304	20 108,820	11,207	10,736
54	45	93 228	1 655,816	18 314,516	11,061	10,590
55	46	92 625	1 526,789	16 658,700	10,911	10,440
56	47	91 966	1 406,881	15 131,911	10,756	10,285
57	48	91 235	1 295,311	13 725,030	10,596	10,125
58	49	90 421	1 191,428	12 429,719	10,433	9,962
59	50	89 527	1 094,798	11 238,290	10,265	9,795
60	51	88 562	1 005,107	10 143,492	10,092	9,621
61	52	87 504	921,664	9 138,385	9,915	9,444
62	53	86 355	844,143	8 216,721	9,734	9,263
63	54	85 105	772,084	7 372,578	9,549	9,078
64	55	83 757	705,209	6 600,494	9,360	8,889
65	56	82 296	643,064	5 895,285	9,167	8,697
66	57	80 737	585,506	5 252,221	8,970	8,500
67	58	79 085	532,273	4 666,714	8,768	8,297
68	59	77 324	482,989	4 134,442	8,560	8,089
69	60	75 484	437,583	3 651,453	8,345	7,874
70	61	73 501	395,443	3 213,870	8,127	7,657
71	62	71 453	356,775	2 818,427	7,900	7,429
72	63	69 265	320,974	2 461,651	7,669	7,199
73	64	66 996	288,130	2 140,677	7,430	6,959
74	65	64 584	257,779	1 852,546	7,187	6,716
75	66	62 078	229,954	1 594,768	6,935	6,465
76	67	59 465	204,431	1 364,814	6,676	6,205
77	68	56 712	180,943	1 160,383	6,413	5,942
78	69	53 834	159,408	979,440	6,144	5,674
79	70	50 793	139,584	820,032	5,875	5,404
80	71	47 622	121,457	680,447	5,602	5,132
81	72	44 319	104,904	558,990	5,329	4,858
82	73	40 845	89,727	454,087	5,061	4,590
83	74	37 256	75,955	364,360	4,797	4,326
84	75	33 610	63,594	288,405	4,535	4,064
85	76	29 931	52,560	224,811	4,277	3,807
86	77	26 220	42,731	172,251	4,031	3,560
87	78	22 583	34,157	129,520	3,792	3,321
88	79	19 062	26,757	95,363	3,564	3,093
89	80	15 718	20,476	68,605	3,351	2,880
90	81	12 644	15,287	48,129	3,148	2,678
91	82	9 907	11,116	32,842	2,954	2,484
92	83	7 543	7,855	21,726	2,766	2,295
93	84	5 511	5,327	13,871	2,604	2,133
94	85	3 898	3,496	8,544	2,444	1,973
95	86	2 629	2,188	5,048	2,307	1,836
96	87	1 704	1,316	2,860	2,173	1,702
97	88	1 039	0,745	1,543	2,072	1,601
98	89	611	0,406	0,799	1,965	1,495
99	90	340	0,210	0,392	1,870	1,399
100	91	178	0,102	0,182	1,784	1,313

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10	0	99 535	47 184,952	644 709,840	13,663	13,193
11	1	99 228	43 656,072	597 524,888	13,687	13,216
12	2	99 196	40 502,895	553 868,817	13,675	13,204
13	3	99 177	37 582,437	513 365,921	13,660	13,189
14	4	99 157	34 872,351	475 783,484	13,644	13,173
15	5	99 134	32 356,644	440 911,134	13,627	13,156
16	6	99 109	30 021,892	408 554,490	13,609	13,138
17	7	99 076	27 853,186	378 532,598	13,590	13,120
18	8	99 044	25 841,522	350 679,412	13,570	13,100
19	9	98 999	23 971,990	324 837,890	13,551	13,080
20	10	98 954	22 237,579	300 865,900	13,530	13,059
21	11	98 905	20 628,006	278 628,321	13,507	13,037
22	12	98 858	19 135,083	258 000,315	13,483	13,012
23	13	98 805	17 749,327	238 865,232	13,458	12,987
24	14	98 755	16 464,396	221 115,905	13,430	12,959
25	15	98 699	15 271,517	204 651,509	13,401	12,930
26	16	98 644	14 165,172	189 379,992	13,369	12,899
27	17	98 584	13 138,364	175 214,820	13,336	12,865
28	18	98 525	12 186,086	162 076,456	13,300	12,829
29	19	98 458	11 301,882	149 890,370	13,262	12,792
30	20	98 390	10 481,682	138 588,488	13,222	12,751
31	21	98 316	9 720,520	128 106,806	13,179	12,708
32	22	98 239	9 014,322	118 386,285	13,133	12,662
33	23	98 161	8 359,295	109 371,963	13,084	12,613
34	24	98 072	7 750,975	101 012,669	13,032	12,562
35	25	97 979	7 186,651	93 261,694	12,977	12,506
36	26	97 881	6 663,127	86 075,043	12,918	12,447
37	27	97 779	6 177,399	79 411,916	12,855	12,385
38	28	97 662	5 726,235	73 234,517	12,789	12,319
39	29	97 535	5 307,446	67 508,282	12,720	12,249
40	30	97 401	4 918,944	62 200,836	12,645	12,174
41	31	97 250	4 558,049	57 281,892	12,567	12,097
42	32	97 089	4 223,239	52 723,843	12,484	12,014
43	33	96 916	3 912,491	48 500,604	12,396	11,926
44	34	96 732	3 624,185	44 588,113	12,303	11,832
45	35	96 519	3 356,102	40 963,928	12,206	11,735
46	36	96 290	3 107,330	37 607,826	12,103	11,632
47	37	96 036	2 876,229	34 500,496	11,995	11,524
48	38	95 763	2 661,769	31 624,266	11,881	11,410
49	39	95 452	2 462,273	28 962,497	11,763	11,292
50	40	95 111	2 277,013	26 500,223	11,638	11,167
51	41	94 730	2 104,768	24 223,210	11,509	11,038
52	42	94 309	1 944,709	22 118,442	11,374	10,903
53	43	93 844	1 795,934	20 173,733	11,233	10,762
54	44	93 318	1 657,425	18 377,799	11,088	10,618
55	45	92 732	1 528,551	16 720,374	10,939	10,468
56	46	92 078	1 408,596	15 191,824	10,785	10,314
57	47	91 360	1 297,089	13 783,228	10,626	10,156
58	48	90 566	1 193,331	12 486,139	10,463	9,993
59	49	89 684	1 096,715	11 292,808	10,297	9,826
60	50	88 727	1 006,973	10 196,093	10,125	9,655
61	51	87 692	923,643	9 189,120	9,949	9,478
62	52	86 557	846,116	8 265,476	9,769	9,298
63	53	85 324	774,072	7 419,360	9,585	9,114
64	54	84 000	707,252	6 645,288	9,396	8,925
65	55	82 564	645,158	5 938,036	9,204	8,733
66	56	81 027	587,608	5 292,878	9,007	8,537
67	57	79 396	534,370	4 705,270	8,805	8,335
68	58	77 661	485,099	4 170,900	8,598	8,127
69	59	75 841	439,652	3 685,801	8,383	7,913
70	60	73 891	397,541	3 246,149	8,166	7,695
71	61	71 862	358,816	2 848,609	7,939	7,468
72	62	69 693	322,956	2 489,793	7,709	7,239
73	63	67 451	290,088	2 166,837	7,470	6,999
74	64	65 070	259,720	1 876,749	7,226	6,755
75	65	62 577	231,801	1 617,030	6,976	6,505
76	66	59 991	206,239	1 385,229	6,717	6,246
77	67	57 254	182,675	1 178,990	6,454	5,983
78	68	54 404	161,094	996,315	6,185	5,714
79	69	51 386	141,216	835,221	5,914	5,444
80	70	48 229	123,007	694,005	5,642	5,171
81	71	44 935	106,361	570,998	5,368	4,898
82	72	41 459	91,076	464,637	5,102	4,631
83	73	37 877	77,223	373,561	4,837	4,367
84	74	34 221	64,749	296,339	4,577	4,106
85	75	30 518	53,590	231,589	4,321	3,851
86	76	26 798	43,673	177,999	4,076	3,605
87	77	23 134	34,990	134,326	3,839	3,368
88	78	19 600	27,513	99,336	3,611	3,140
89	79	16 227	21,140	71,823	3,397	2,927
90	80	13 122	15,866	50,683	3,195	2,724
91	81	10 348	11,612	34,817	2,998	2,528
92	82	7 934	8,263	23,206	2,808	2,338
93	83	5 843	5,647	14,943	2,646	2,176
94	84	4 170	3,740	9,296	2,485	2,015
95	85	2 846	2,369	5,556	2,345	1,875
96	86	1 866	1,442	3,187	2,211	1,740
97	87	1 154	0,828	1,745	2,109	1,638
98	88	689	0,459	0,918	2,001	1,530
99	89	390	0,241	0,459	1,905	1,434
100	90	209	0,120	0,218	1,817	1,346

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
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7						
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9						
10						
11	0	99 527	43 787,669	597 792,791	13,652	13,181
12	1	99 220	40 512,940	554 005,122	13,675	13,204
13	2	99 189	37 587,106	513 492,182	13,661	13,191
14	3	99 167	34 875,947	475 905,076	13,646	13,175
15	4	99 143	32 359,740	441 029,128	13,629	13,158
16	5	99 118	30 024,567	408 669,388	13,611	13,141
17	6	99 085	27 855,650	378 644,821	13,593	13,122
18	7	99 049	25 842,722	350 789,171	13,574	13,103
19	8	99 006	23 973,661	324 946,449	13,554	13,084
20	9	98 960	22 238,940	300 972,788	13,534	13,063
21	10	98 911	20 629,212	278 733,849	13,512	13,041
22	11	98 865	19 136,562	258 104,636	13,488	13,017
23	12	98 813	17 750,721	238 968,074	13,462	12,992
24	13	98 765	16 465,947	221 217,353	13,435	12,964
25	14	98 708	15 272,926	204 751,406	13,406	12,936
26	15	98 656	14 166,895	189 478,480	13,375	12,904
27	16	98 599	13 140,299	175 311,585	13,342	12,871
28	17	98 539	12 187,746	162 171,286	13,306	12,835
29	18	98 478	11 304,109	149 983,540	13,268	12,797
30	19	98 407	10 483,514	138 679,431	13,228	12,758
31	20	98 334	9 722,318	128 195,916	13,186	12,715
32	21	98 256	9 015,809	118 473,599	13,141	12,670
33	22	98 177	8 360,656	109 457,790	13,092	12,621
34	23	98 089	7 752,370	101 097,134	13,041	12,570
35	24	97 996	7 187,944	93 344,764	12,986	12,516
36	25	97 900	6 664,395	86 156,820	12,928	12,457
37	26	97 797	6 178,562	79 492,425	12,866	12,395
38	27	97 683	5 727,467	73 313,863	12,800	12,330
39	28	97 558	5 308,697	67 586,396	12,731	12,261
40	29	97 426	4 920,217	62 277,698	12,658	12,187
41	30	97 280	4 559,495	57 357,481	12,580	12,109
42	31	97 120	4 224,565	52 797,987	12,498	12,027
43	32	96 949	3 913,832	48 573,421	12,411	11,940
44	33	96 767	3 625,491	44 659,589	12,318	11,848
45	34	96 558	3 357,465	41 034,097	12,222	11,751
46	35	96 330	3 108,611	37 676,632	12,120	11,649
47	36	96 080	2 877,549	34 568,021	12,013	11,542
48	37	95 809	2 663,034	31 690,472	11,900	11,429
49	38	95 509	2 463,760	29 027,439	11,782	11,311
50	39	95 168	2 278,383	26 563,679	11,659	11,188
51	40	94 795	2 106,212	24 285,297	11,530	11,060
52	41	94 379	1 946,150	22 179,084	11,396	10,926
53	42	93 918	1 797,361	20 232,934	11,257	10,786
54	43	93 403	1 658,931	18 435,573	11,113	10,642
55	44	92 822	1 530,036	16 776,642	10,965	10,494
56	45	92 184	1 410,221	15 246,607	10,812	10,341
57	46	91 471	1 298,670	13 836,386	10,654	10,184
58	47	90 690	1 194,968	12 537,716	10,492	10,021
59	48	89 827	1 098,466	11 342,748	10,326	9,855
60	49	88 882	1 008,737	10 244,282	10,156	9,685
61	50	87 854	925,358	9 235,545	9,981	9,510
62	51	86 743	847,933	8 310,187	9,801	9,330
63	52	85 523	775,882	7 462,253	9,618	9,147
64	53	84 216	709,073	6 686,371	9,430	8,959
65	54	82 803	647,027	5 977,299	9,238	8,767
66	55	81 291	589,521	5 330,271	9,042	8,571
67	56	79 681	536,288	4 740,750	8,840	8,369
68	57	77 967	487,010	4 204,462	8,633	8,163
69	58	76 172	441,573	3 717,452	8,419	7,948
70	59	74 240	399,420	3 275,880	8,202	7,731
71	60	72 243	360,719	2 876,459	7,974	7,504
72	61	70 091	324,802	2 515,741	7,745	7,275
73	62	67 868	291,879	2 190,938	7,506	7,036
74	63	65 513	261,484	1 899,059	7,263	6,792
75	64	63 048	233,546	1 637,575	7,012	6,541
76	65	60 473	207,896	1 404,029	6,754	6,283
77	66	57 761	184,290	1 196,133	6,491	6,020
78	67	54 924	162,636	1 011,844	6,222	5,751
79	68	51 930	142,709	849,207	5,951	5,480
80	69	48 793	124,445	706,498	5,677	5,207
81	70	45 508	107,718	582,053	5,403	4,933
82	71	42 035	92,341	474,335	5,137	4,666
83	72	38 447	78,384	381,994	4,873	4,403
84	73	34 792	65,830	303,610	4,612	4,141
85	74	31 072	54,564	237,780	4,358	3,887
86	75	27 323	44,530	183,216	4,114	3,644
87	76	23 644	35,761	138,686	3,878	3,407
88	77	20 078	28,183	102,925	3,652	3,181
89	78	16 685	21,737	74,742	3,439	2,968
90	79	13 548	16,380	53,005	3,236	2,765
91	80	10 740	12,051	36,625	3,039	2,568
92	81	8 288	8,631	24,574	2,847	2,376
93	82	6 146	5,940	15,943	2,684	2,213
94	83	4 420	3,965	10,003	2,523	2,052
95	84	3 044	2,534	6,038	2,383	1,912
96	85	2 020	1,561	3,504	2,245	1,775
97	86	1 265	0,907	1,943	2,143	1,672
98	87	766	0,510	1,036	2,034	1,563
99	88	441	0,272	0,527	1,937	1,466
100	89	240	0,138	0,255	1,849	1,378

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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12	0	99 520	40 635,062	554 251,420	13,640	13,169
13	1	99 214	37 596,428	513 616,357	13,661	13,191
14	2	99 179	34 880,280	476 019,929	13,647	13,177
15	3	99 154	32 363,078	441 139,649	13,631	13,160
16	4	99 128	30 027,440	408 776,571	13,613	13,143
17	5	99 094	27 858,132	378 749,131	13,596	13,125
18	6	99 058	25 845,008	350 891,000	13,577	13,106
19	7	99 011	23 974,775	325 045,991	13,558	13,087
20	8	98 967	22 240,490	301 071,216	13,537	13,066
21	9	98 917	20 630,474	278 830,727	13,515	13,045
22	10	98 871	19 137,682	258 200,253	13,492	13,021
23	11	98 820	17 752,094	239 062,571	13,467	12,996
24	12	98 772	16 467,240	221 310,477	13,439	12,969
25	13	98 718	15 274,365	204 843,237	13,411	12,940
26	14	98 665	14 168,202	189 568,872	13,380	12,909
27	15	98 611	13 141,898	175 400,670	13,347	12,876
28	16	98 553	12 189,541	162 258,773	13,311	12,841
29	17	98 491	11 305,649	150 069,232	13,274	12,803
30	18	98 426	10 485,580	138 763,583	13,234	12,763
31	19	98 352	9 724,018	128 278,003	13,192	12,721
32	20	98 274	9 017,476	118 553,986	13,147	12,676
33	21	98 193	8 362,035	109 536,510	13,099	12,629
34	22	98 105	7 753,632	101 174,475	13,049	12,578
35	23	98 014	7 189,238	93 420,843	12,995	12,524
36	24	97 918	6 665,594	86 231,605	12,937	12,466
37	25	97 816	6 179,737	79 566,010	12,875	12,405
38	26	97 701	5 728,546	73 386,273	12,811	12,340
39	27	97 579	5 309,840	67 657,727	12,742	12,271
40	28	97 449	4 921,377	62 347,888	12,669	12,198
41	29	97 306	4 560,675	57 426,511	12,592	12,121
42	30	97 151	4 225,906	52 865,836	12,510	12,039
43	31	96 980	3 915,062	48 639,930	12,424	11,953
44	32	96 800	3 626,734	44 724,869	12,332	11,861
45	33	96 593	3 358,675	41 098,135	12,236	11,766
46	34	96 369	3 109,874	37 739,459	12,135	11,665
47	35	96 120	2 878,735	34 629,586	12,029	11,559
48	36	95 853	2 664,255	31 750,850	11,917	11,447
49	37	95 555	2 464,930	29 086,595	11,800	11,330
50	38	95 225	2 279,758	26 621,666	11,677	11,207
51	39	94 852	2 107,479	24 341,908	11,550	11,080
52	40	94 444	1 947,485	22 234,428	11,417	10,946
53	41	93 988	1 798,693	20 286,943	11,279	10,808
54	42	93 477	1 660,249	18 488,251	11,136	10,665
55	43	92 907	1 531,426	16 828,002	10,988	10,518
56	44	92 273	1 411,591	15 296,576	10,836	10,366
57	45	91 577	1 300,168	13 884,985	10,679	10,209
58	46	90 800	1 196,425	12 584,817	10,519	10,048
59	47	89 950	1 099,973	11 388,392	10,353	9,883
60	48	89 024	1 010,347	10 288,418	10,183	9,712
61	49	88 008	926,979	9 278,071	10,009	9,538
62	50	86 904	849,508	8 351,093	9,831	9,360
63	51	85 707	777,548	7 501,585	9,648	9,177
64	52	84 413	710,731	6 724,037	9,461	8,990
65	53	83 016	648,693	6 013,306	9,270	8,799
66	54	81 526	591,229	5 364,613	9,074	8,603
67	55	79 941	538,034	4 773,384	8,872	8,401
68	56	78 247	488,758	4 235,350	8,666	8,195
69	57	76 472	443,312	3 746,592	8,451	7,981
70	58	74 565	401,165	3 303,280	8,234	7,764
71	59	72 585	362,424	2 902,114	8,008	7,537
72	60	70 463	326,525	2 539,690	7,778	7,307
73	61	68 256	293,548	2 213,165	7,539	7,069
74	62	65 917	263,098	1 919,617	7,296	6,826
75	63	63 476	235,133	1 656,519	7,045	6,574
76	64	60 928	209,461	1 421,386	6,786	6,315
77	65	58 225	185,770	1 211,925	6,524	6,053
78	66	55 410	164,074	1 026,154	6,254	5,784
79	67	52 427	144,076	862,080	5,984	5,513
80	68	49 309	125,761	718,005	5,709	5,239
81	69	46 040	108,977	592,244	5,435	4,964
82	70	42 571	93,519	483,267	5,168	4,697
83	71	38 981	79,473	389,747	4,904	4,433
84	72	35 315	66,820	310,275	4,643	4,173
85	73	31 591	55,475	243,455	4,389	3,918
86	74	27 820	45,339	187,980	4,146	3,675
87	75	24 107	36,462	142,641	3,912	3,441
88	76	20 520	28,805	106,179	3,686	3,216
89	77	17 092	22,267	77,375	3,475	3,004
90	78	13 930	16,843	55,108	3,272	2,801
91	79	11 088	12,442	38,265	3,076	2,605
92	80	8 602	8,958	25,823	2,883	2,412
93	81	6 420	6,205	16,866	2,718	2,247
94	82	4 650	4,171	10,661	2,556	2,085
95	83	3 227	2,686	6,490	2,416	1,945
96	84	2 161	1,669	3,804	2,278	1,808
97	85	1 369	0,981	2,134	2,175	1,704
98	86	839	0,558	1,153	2,065	1,594
99	87	489	0,302	0,594	1,967	1,496
100	88	271	0,156	0,292	1,878	1,407

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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13	0	99 513	37 709,759	513 842,798	13,626	13,156
14	1	99 204	34 888,931	476 133,039	13,647	13,176
15	2	99 166	32 367,098	441 244,108	13,632	13,162
16	3	99 138	30 030,537	408 877,010	13,615	13,145
17	4	99 103	27 860,797	378 846,472	13,598	13,127
18	5	99 066	25 847,311	350 985,675	13,579	13,109
19	6	99 020	23 976,896	325 138,364	13,560	13,090
20	7	98 971	22 241,523	301 161,468	13,541	13,070
21	8	98 924	20 631,912	278 919,946	13,519	13,048
22	9	98 877	19 138,853	258 288,034	13,495	13,025
23	10	98 826	17 753,132	239 149,181	13,471	13,000
24	11	98 780	16 468,514	221 396,049	13,444	12,973
25	12	98 725	15 275,564	204 927,535	13,415	12,945
26	13	98 674	14 169,537	189 651,971	13,384	12,914
27	14	98 620	13 143,110	175 482,434	13,352	12,881
28	15	98 565	12 191,024	162 339,325	13,316	12,846
29	16	98 506	11 307,314	150 148,301	13,279	12,808
30	17	98 440	10 487,008	138 840,987	13,239	12,769
31	18	98 371	9 725,934	128 353,979	13,197	12,726
32	19	98 291	9 019,052	118 628,045	13,153	12,682
33	20	98 212	8 363,581	109 608,993	13,106	12,635
34	21	98 122	7 754,911	101 245,412	13,056	12,585
35	22	98 030	7 190,409	93 490,501	13,002	12,531
36	23	97 935	6 666,794	86 300,092	12,945	12,474
37	24	97 833	6 180,850	79 633,298	12,884	12,413
38	25	97 720	5 729,636	73 452,449	12,820	12,349
39	26	97 597	5 310,839	67 722,813	12,752	12,281
40	27	97 470	4 922,436	62 411,974	12,679	12,208
41	28	97 328	4 561,750	57 489,538	12,603	12,132
42	29	97 176	4 226,999	52 927,788	12,521	12,051
43	30	97 011	3 916,304	48 700,789	12,435	11,965
44	31	96 831	3 627,873	44 784,485	12,345	11,874
45	32	96 626	3 359,827	41 156,612	12,250	11,779
46	33	96 404	3 110,995	37 796,785	12,149	11,679
47	34	96 159	2 879,904	34 685,790	12,044	11,573
48	35	95 892	2 665,354	31 805,886	11,933	11,462
49	36	95 598	2 466,060	29 140,533	11,817	11,346
50	37	95 271	2 280,841	26 674,472	11,695	11,224
51	38	94 909	2 108,751	24 393,632	11,568	11,097
52	39	94 500	1 948,657	22 284,880	11,436	10,965
53	40	94 053	1 799,927	20 336,224	11,298	10,828
54	41	93 547	1 661,479	18 536,297	11,157	10,686
55	42	92 980	1 532,643	16 874,818	11,010	10,540
56	43	92 357	1 412,874	15 342,175	10,859	10,388
57	44	91 666	1 301,431	13 929,301	10,703	10,232
58	45	90 905	1 197,805	12 627,870	10,543	10,072
59	46	90 060	1 101,314	11 430,065	10,379	9,908
60	47	89 146	1 011,734	10 328,751	10,209	9,738
61	48	88 149	928,459	9 317,017	10,035	9,564
62	49	87 056	850,995	8 388,559	9,857	9,387
63	50	85 866	778,992	7 537,563	9,676	9,205
64	51	84 595	712,257	6 758,572	9,489	9,018
65	52	83 210	650,210	6 046,315	9,299	8,828
66	53	81 736	592,751	5 396,105	9,103	8,633
67	54	80 172	539,593	4 803,354	8,902	8,431
68	55	78 502	490,349	4 263,761	8,695	8,225
69	56	76 746	444,904	3 773,412	8,481	8,011
70	57	74 858	402,746	3 328,508	8,265	7,794
71	58	72 902	364,008	2 925,762	8,038	7,567
72	59	70 796	328,069	2 561,755	7,809	7,338
73	60	68 618	295,105	2 233,685	7,569	7,098
74	61	66 294	264,603	1 938,581	7,326	6,856
75	62	63 868	236,584	1 673,978	7,076	6,605
76	63	61 342	210,884	1 437,393	6,816	6,345
77	64	58 663	187,169	1 226,509	6,553	6,082
78	65	55 855	165,392	1 039,340	6,284	5,813
79	66	52 890	145,349	873,948	6,013	5,542
80	67	49 781	126,965	728,599	5,739	5,268
81	68	46 527	110,130	601,634	5,463	4,992
82	69	43 069	94,612	491,504	5,195	4,724
83	70	39 478	80,487	396,892	4,931	4,460
84	71	35 805	67,748	316,405	4,670	4,200
85	72	32 066	56,309	248,657	4,416	3,945
86	73	28 284	46,095	192,348	4,173	3,702
87	74	24 545	37,125	146,253	3,939	3,469
88	75	20 923	29,369	109,128	3,716	3,245
89	76	17 469	22,757	79,759	3,505	3,034
90	77	14 270	17,253	57,001	3,304	2,833
91	78	11 401	12,793	39,748	3,107	2,636
92	79	8 881	9,248	26,955	2,915	2,444
93	80	6 663	6,440	17,707	2,750	2,279
94	81	4 857	4,357	11,267	2,586	2,115
95	82	3 395	2,826	6,910	2,445	1,975
96	83	2 291	1,770	4,084	2,308	1,837
97	84	1 464	1,050	2,315	2,205	1,734
98	85	908	0,604	1,265	2,093	1,622
99	86	536	0,331	0,661	1,995	1,524
100	87	302	0,173	0,329	1,905	1,435

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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14	0	99 503	34 994,100	476 341,224	13,612	13,141
15	1	99 191	32 375,125	441 347,124	13,632	13,162
16	2	99 150	30 034,268	408 971,998	13,617	13,146
17	3	99 113	27 863,671	378 937,730	13,600	13,129
18	4	99 076	25 849,784	351 074,059	13,581	13,111
19	5	99 028	23 979,032	325 224,275	13,563	13,092
20	6	98 980	22 243,490	301 245,243	13,543	13,072
21	7	98 929	20 632,871	279 001,753	13,522	13,052
22	8	98 884	19 140,186	258 368,882	13,499	13,028
23	9	98 832	17 754,218	239 228,696	13,474	13,004
24	10	98 786	16 469,477	221 474,477	13,448	12,977
25	11	98 733	15 276,746	205 005,000	13,419	12,949
26	12	98 682	14 170,650	189 728,255	13,389	12,918
27	13	98 629	13 144,348	175 557,605	13,356	12,885
28	14	98 574	12 192,148	162 413,257	13,321	12,850
29	15	98 517	11 308,690	150 221,109	13,284	12,813
30	16	98 454	10 488,552	138 912,420	13,244	12,774
31	17	98 384	9 727,258	128 423,867	13,202	12,732
32	18	98 310	9 020,829	118 696,609	13,158	12,687
33	19	98 229	8 365,043	109 675,779	13,111	12,641
34	20	98 140	7 756,345	101 310,736	13,062	12,591
35	21	98 046	7 191,595	93 554,391	13,009	12,538
36	22	97 951	6 667,880	86 362,797	12,952	12,481
37	23	97 851	6 181,962	79 694,917	12,892	12,421
38	24	97 738	5 730,667	73 512,955	12,828	12,357
39	25	97 616	5 311,850	67 782,288	12,761	12,290
40	26	97 488	4 923,363	62 470,438	12,689	12,218
41	27	97 349	4 562,732	57 547,076	12,612	12,142
42	28	97 199	4 227,996	52 984,344	12,532	12,061
43	29	97 036	3 917,317	48 756,349	12,446	11,976
44	30	96 861	3 629,024	44 839,031	12,356	11,885
45	31	96 656	3 360,882	41 210,007	12,262	11,791
46	32	96 437	3 112,061	37 849,125	12,162	11,691
47	33	96 194	2 880,942	34 737,064	12,058	11,587
48	34	95 931	2 666,436	31 856,122	11,947	11,476
49	35	95 638	2 467,077	29 189,686	11,832	11,361
50	36	95 314	2 281,887	26 722,609	11,711	11,240
51	37	94 954	2 109,753	24 440,722	11,585	11,114
52	38	94 557	1 949,833	22 330,969	11,453	10,982
53	39	94 109	1 801,009	20 381,136	11,317	10,846
54	40	93 611	1 662,619	18 580,127	11,175	10,705
55	41	93 049	1 533,778	16 917,508	11,030	10,559
56	42	92 431	1 413,996	15 383,730	10,880	10,409
57	43	91 749	1 302,614	13 969,734	10,724	10,254
58	44	90 993	1 198,969	12 667,119	10,565	10,094
59	45	90 164	1 102,585	11 468,151	10,401	9,930
60	46	89 255	1 012,967	10 365,566	10,233	9,762
61	47	88 270	929,733	9 352,599	10,059	9,589
62	48	87 195	852,354	8 422,867	9,882	9,411
63	49	86 016	780,356	7 570,513	9,701	9,231
64	50	84 752	713,579	6 790,157	9,516	9,045
65	51	83 389	651,606	6 076,577	9,326	8,855
66	52	81 927	594,137	5 424,971	9,131	8,660
67	53	80 379	540,982	4 830,834	8,930	8,459
68	54	78 729	491,770	4 289,852	8,723	8,253
69	55	76 996	446,352	3 798,082	8,509	8,038
70	56	75 127	404,192	3 351,730	8,292	7,822
71	57	73 189	365,442	2 947,538	8,066	7,595
72	58	71 105	329,502	2 582,097	7,836	7,366
73	59	68 942	296,500	2 252,595	7,597	7,127
74	60	66 645	266,006	1 956,094	7,354	6,883
75	61	64 233	237,937	1 690,088	7,103	6,632
76	62	61 720	212,186	1 452,151	6,844	6,373
77	63	59 062	188,441	1 239,965	6,580	6,109
78	64	56 276	166,638	1 051,524	6,310	5,840
79	65	53 315	146,517	884,887	6,039	5,569
80	66	50 221	128,087	738,370	5,765	5,294
81	67	46 972	111,184	610,283	5,489	5,018
82	68	43 525	95,613	499,098	5,220	4,749
83	69	39 940	81,428	403,485	4,955	4,484
84	70	36 262	68,613	322,058	4,694	4,223
85	71	32 512	57,091	253,445	4,439	3,969
86	72	28 709	46,788	196,354	4,197	3,726
87	73	24 955	37,744	149,566	3,963	3,492
88	74	21 303	29,903	111,821	3,739	3,269
89	75	17 811	23,204	81,918	3,530	3,060
90	76	14 584	17,633	58,715	3,330	2,859
91	77	11 679	13,105	41,081	3,135	2,664
92	78	9 131	9,509	27,976	2,942	2,471
93	79	6 879	6,649	18,467	2,778	2,307
94	80	5 041	4,522	11,819	2,614	2,143
95	81	3 546	2,952	7,297	2,472	2,001
96	82	2 410	1,862	4,345	2,334	1,863
97	83	1 552	1,113	2,483	2,231	1,761
98	84	971	0,646	1,370	2,120	1,650
99	85	580	0,358	0,724	2,020	1,549
100	86	330	0,189	0,366	1,931	1,460

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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15	0	99 490	32 472,717	441 538,524	13,597	13,127
16	1	99 175	30 041,717	409 065,807	13,617	13,146
17	2	99 126	27 867,133	379 024,091	13,601	13,130
18	3	99 086	25 852,450	351 156,958	13,583	13,112
19	4	99 038	23 981,326	325 304,507	13,565	13,094
20	5	98 989	22 245,472	301 323,181	13,545	13,075
21	6	98 937	20 634,696	279 077,709	13,525	13,054
22	7	98 889	19 141,076	258 443,013	13,502	13,031
23	8	98 839	17 755,455	239 301,937	13,478	13,007
24	9	98 792	16 470,485	221 546,482	13,451	12,980
25	10	98 739	15 277,639	205 075,997	13,423	12,953
26	11	98 690	14 171,745	189 798,358	13,393	12,922
27	12	98 637	13 145,380	175 626,613	13,360	12,890
28	13	98 584	12 193,297	162 481,233	13,325	12,855
29	14	98 527	11 309,732	150 287,936	13,288	12,818
30	15	98 466	10 489,829	138 978,203	13,249	12,778
31	16	98 399	9 728,691	128 488,375	13,207	12,736
32	17	98 324	9 022,058	118 759,684	13,163	12,693
33	18	98 248	8 366,692	109 737,626	13,116	12,645
34	19	98 157	7 757,701	101 370,934	13,067	12,596
35	20	98 064	7 192,924	93 613,233	13,015	12,544
36	21	97 967	6 668,979	86 420,309	12,959	12,488
37	22	97 867	6 182,969	79 751,329	12,899	12,428
38	23	97 755	5 731,698	73 568,361	12,835	12,365
39	24	97 633	5 312,806	67 836,663	12,769	12,298
40	25	97 507	4 924,299	62 523,857	12,697	12,226
41	26	97 368	4 563,590	57 599,558	12,622	12,151
42	27	97 220	4 228,906	53 035,967	12,541	12,071
43	28	97 059	3 918,241	48 807,061	12,456	11,986
44	29	96 886	3 629,963	44 888,821	12,366	11,896
45	30	96 687	3 361,948	41 258,858	12,272	11,802
46	31	96 467	3 113,038	37 896,909	12,174	11,703
47	32	96 227	2 881,930	34 783,871	12,070	11,599
48	33	95 966	2 667,397	31 901,941	11,960	11,489
49	34	95 677	2 468,079	29 234,544	11,845	11,374
50	35	95 354	2 282,828	26 766,465	11,725	11,254
51	36	94 997	2 110,721	24 483,637	11,600	11,129
52	37	94 602	1 950,759	22 372,916	11,469	10,998
53	38	94 166	1 802,097	20 422,158	11,332	10,862
54	39	93 667	1 663,619	18 620,061	11,193	10,722
55	40	93 113	1 534,831	16 956,442	11,048	10,577
56	41	92 499	1 415,044	15 421,612	10,898	10,428
57	42	91 822	1 303,649	14 006,568	10,744	10,273
58	43	91 076	1 200,058	12 702,919	10,585	10,115
59	44	90 251	1 103,656	11 502,861	10,423	9,952
60	45	89 358	1 014,135	10 399,205	10,254	9,784
61	46	88 377	930,866	9 385,069	10,082	9,611
62	47	87 315	853,524	8 454,203	9,905	9,434
63	48	86 154	781,602	7 600,680	9,724	9,254
64	49	84 900	714,829	6 819,078	9,539	9,069
65	50	83 544	652,816	6 104,249	9,351	8,880
66	51	82 103	595,413	5 451,433	9,156	8,685
67	52	80 567	542,247	4 856,020	8,955	8,485
68	53	78 932	493,036	4 313,773	8,749	8,279
69	54	77 219	447,645	3 820,737	8,535	8,065
70	55	75 372	405,508	3 373,092	8,318	7,848
71	56	73 452	366,754	2 967,584	8,091	7,621
72	57	71 386	330,800	2 600,831	7,862	7,392
73	58	69 244	297,795	2 270,030	7,623	7,152
74	59	66 961	267,264	1 972,235	7,379	6,909
75	60	64 574	239,199	1 704,971	7,128	6,657
76	61	62 073	213,399	1 465,772	6,869	6,398
77	62	59 426	189,604	1 252,373	6,605	6,135
78	63	56 658	167,770	1 062,769	6,335	5,864
79	64	53 717	147,620	894,999	6,063	5,592
80	65	50 625	129,116	747,379	5,788	5,318
81	66	47 388	112,167	618,263	5,512	5,041
82	67	43 941	96,528	506,096	5,243	4,772
83	68	40 362	82,289	409,567	4,977	4,507
84	69	36 686	69,415	327,278	4,715	4,244
85	70	32 926	57,820	257,864	4,460	3,989
86	71	29 108	47,438	200,044	4,217	3,746
87	72	25 330	38,312	152,606	3,983	3,513
88	73	21 658	30,402	114,294	3,759	3,289
89	74	18 135	23,625	83,892	3,551	3,080
90	75	14 870	17,979	60,267	3,352	2,881
91	76	11 936	13,394	42,288	3,157	2,687
92	77	9 354	9,741	28,894	2,966	2,496
93	78	7 073	6,836	19,153	2,802	2,331
94	79	5 205	4,668	12,316	2,638	2,168
95	80	3 680	3,063	7,648	2,497	2,026
96	81	2 517	1,945	4,585	2,358	1,887
97	82	1 633	1,171	2,640	2,255	1,784
98	83	1 030	0,685	1,469	2,144	1,673
99	84	621	0,383	0,784	2,045	1,574
100	85	358	0,205	0,401	1,954	1,483

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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16	0	99 474	30 132,275	409 241,778	13,582	13,111
17	1	99 150	27 874,044	379 109,503	13,601	13,130
18	2	99 098	25 855,662	351 235,459	13,584	13,114
19	3	99 048	23 983,800	325 379,797	13,567	13,096
20	4	98 999	22 247,601	301 395,997	13,547	13,077
21	5	98 946	20 636,534	279 148,396	13,527	13,056
22	6	98 897	19 142,769	258 511,862	13,504	13,034
23	7	98 844	17 756,280	239 369,093	13,481	13,010
24	8	98 799	16 471,632	221 612,813	13,454	12,984
25	9	98 745	15 278,574	205 141,180	13,427	12,956
26	10	98 696	14 172,574	189 862,606	13,396	12,926
27	11	98 645	13 146,397	175 690,032	13,364	12,893
28	12	98 591	12 194,254	162 543,635	13,330	12,859
29	13	98 536	11 310,798	150 349,381	13,293	12,822
30	14	98 475	10 490,796	139 038,583	13,253	12,783
31	15	98 411	9 729,875	128 547,787	13,212	12,741
32	16	98 338	9 023,387	118 817,912	13,168	12,697
33	17	98 261	8 367,831	109 794,526	13,121	12,650
34	18	98 176	7 759,230	101 426,694	13,072	12,601
35	19	98 081	7 194,182	93 667,465	13,020	12,549
36	20	97 985	6 670,212	86 473,283	12,964	12,493
37	21	97 883	6 183,988	79 803,070	12,905	12,434
38	22	97 771	5 732,631	73 619,082	12,842	12,371
39	23	97 651	5 313,762	67 886,451	12,776	12,305
40	24	97 525	4 925,186	62 572,689	12,705	12,234
41	25	97 386	4 564,459	57 647,503	12,630	12,159
42	26	97 238	4 229,702	53 083,044	12,550	12,079
43	27	97 080	3 919,084	48 853,343	12,466	11,995
44	28	96 909	3 630,819	44 934,259	12,376	11,905
45	29	96 712	3 362,818	41 303,440	12,282	11,812
46	30	96 498	3 114,026	37 940,621	12,184	11,713
47	31	96 257	2 882,835	34 826,595	12,081	11,610
48	32	95 999	2 668,311	31 943,760	11,972	11,501
49	33	95 711	2 468,969	29 275,449	11,857	11,387
50	34	95 392	2 283,755	26 806,480	11,738	11,267
51	35	95 037	2 111,591	24 522,725	11,613	11,143
52	36	94 646	1 951,654	22 411,134	11,483	11,012
53	37	94 211	1 802,952	20 459,481	11,348	10,877
54	38	93 724	1 664,623	18 656,528	11,208	10,737
55	39	93 169	1 535,754	16 991,905	11,064	10,594
56	40	92 563	1 416,015	15 456,151	10,915	10,445
57	41	91 890	1 304,615	14 040,137	10,762	10,291
58	42	91 148	1 201,012	12 735,522	10,604	10,133
59	43	90 333	1 104,659	11 534,510	10,442	9,971
60	44	89 445	1 015,121	10 429,851	10,274	9,804
61	45	88 479	931,940	9 414,731	10,102	9,632
62	46	87 421	854,564	8 482,791	9,926	9,456
63	47	86 272	782,674	7 628,227	9,746	9,276
64	48	85 036	715,970	6 845,553	9,561	9,091
65	49	83 690	653,959	6 129,583	9,373	8,902
66	50	82 255	596,519	5 475,624	9,179	8,709
67	51	80 740	543,411	4 879,105	8,979	8,508
68	52	79 117	494,189	4 335,694	8,773	8,303
69	53	77 418	448,798	3 841,505	8,560	8,089
70	54	75 590	406,682	3 392,707	8,342	7,872
71	55	73 691	367,948	2 986,025	8,115	7,645
72	56	71 642	331,988	2 618,077	7,886	7,415
73	57	69 516	298,969	2 286,089	7,647	7,176
74	58	67 253	268,432	1 987,121	7,403	6,932
75	59	64 879	240,330	1 718,689	7,151	6,681
76	60	62 403	214,531	1 478,359	6,891	6,420
77	61	59 766	190,688	1 263,828	6,628	6,157
78	62	57 008	168,805	1 073,140	6,357	5,887
79	63	54 082	148,623	904,334	6,085	5,614
80	64	51 006	130,088	755,711	5,809	5,339
81	65	47 768	113,068	625,623	5,533	5,062
82	66	44 330	97,382	512,555	5,263	4,793
83	67	40 749	83,077	415,173	4,997	4,527
84	68	37 074	70,149	332,096	4,734	4,264
85	69	33 311	58,496	261,947	4,478	4,007
86	70	29 480	48,044	203,452	4,235	3,764
87	71	25 682	38,844	155,408	4,001	3,530
88	72	21 984	30,859	116,564	3,777	3,307
89	73	18 438	24,020	85,705	3,568	3,097
90	74	15 141	18,306	61,686	3,370	2,899
91	75	12 171	13,656	43,380	3,177	2,706
92	76	9 560	9,956	29,723	2,986	2,515
93	77	7 246	7,003	19,768	2,823	2,352
94	78	5 352	4,800	12,765	2,659	2,189
95	79	3 799	3,163	7,965	2,518	2,048
96	80	2 612	2,018	4,802	2,379	1,909
97	81	1 706	1,223	2,784	2,276	1,805
98	82	1 083	0,721	1,561	2,165	1,694
99	83	658	0,406	0,840	2,066	1,595
100	84	383	0,219	0,433	1,976	1,505

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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17	0	99 449	27 958,067	379 271,282	13,566	13,095
18	1	99 123	25 862,075	351 313,214	13,584	13,113
19	2	99 060	23 986,780	325 451,140	13,568	13,097
20	3	99 009	22 249,895	301 464,360	13,549	13,078
21	4	98 956	20 638,509	279 214,465	13,529	13,058
22	5	98 906	19 144,474	258 575,956	13,507	13,036
23	6	98 853	17 757,851	239 431,481	13,483	13,012
24	7	98 803	16 472,398	221 673,630	13,457	12,987
25	8	98 752	15 279,639	205 201,232	13,430	12,959
26	9	98 702	14 173,441	189 921,594	13,400	12,929
27	10	98 650	13 147,166	175 748,152	13,368	12,897
28	11	98 599	12 195,198	162 600,987	13,333	12,863
29	12	98 544	11 311,686	150 405,789	13,296	12,826
30	13	98 484	10 491,785	139 094,103	13,257	12,787
31	14	98 420	9 730,772	128 602,318	13,216	12,745
32	15	98 350	9 024,485	118 871,547	13,172	12,701
33	16	98 276	8 369,063	109 847,062	13,125	12,655
34	17	98 190	7 760,286	101 477,999	13,077	12,606
35	18	98 101	7 195,600	93 717,712	13,024	12,554
36	19	98 003	6 671,379	86 522,113	12,969	12,498
37	20	97 901	6 185,132	79 850,734	12,910	12,439
38	21	97 787	5 733,577	73 665,602	12,848	12,377
39	22	97 667	5 314,627	67 932,025	12,782	12,311
40	23	97 542	4 926,072	62 617,398	12,711	12,241
41	24	97 404	4 565,280	57 691,326	12,637	12,166
42	25	97 256	4 230,506	53 126,046	12,558	12,087
43	26	97 098	3 919,822	48 895,539	12,474	12,003
44	27	96 930	3 631,600	44 975,718	12,385	11,914
45	28	96 735	3 363,611	41 344,117	12,292	11,821
46	29	96 523	3 114,832	37 980,506	12,193	11,723
47	30	96 287	2 883,750	34 865,674	12,090	11,620
48	31	96 029	2 669,150	31 981,925	11,982	11,511
49	32	95 744	2 469,815	29 312,775	11,868	11,398
50	33	95 427	2 284,578	26 842,960	11,750	11,279
51	34	95 075	2 112,448	24 558,382	11,626	11,155
52	35	94 685	1 952,458	22 445,934	11,496	11,026
53	36	94 254	1 803,779	20 493,475	11,361	10,891
54	37	93 768	1 665,414	18 689,696	11,222	10,752
55	38	93 225	1 536,681	17 024,282	11,079	10,608
56	39	92 618	1 416,866	15 487,601	10,931	10,460
57	40	91 953	1 305,510	14 070,735	10,778	10,307
58	41	91 216	1 201,901	12 765,225	10,621	10,150
59	42	90 405	1 105,537	11 563,324	10,459	9,989
60	43	89 526	1 016,043	10 457,787	10,293	9,822
61	44	88 565	932,845	9 441,744	10,121	9,651
62	45	87 522	855,550	8 508,899	9,946	9,475
63	46	86 377	783,628	7 653,349	9,767	9,296
64	47	85 152	716,953	6 869,721	9,582	9,111
65	48	83 824	655,003	6 152,768	9,393	8,923
66	49	82 399	597,563	5 497,765	9,200	8,730
67	50	80 889	544,420	4 900,202	9,001	8,530
68	51	79 287	495,250	4 355,782	8,795	8,324
69	52	77 599	449,847	3 860,531	8,582	8,111
70	53	75 785	407,729	3 410,684	8,365	7,894
71	54	73 904	369,014	3 002,955	8,138	7,667
72	55	71 875	333,069	2 633,941	7,908	7,437
73	56	69 766	300,042	2 300,873	7,669	7,198
74	57	67 518	269,489	2 000,831	7,425	6,954
75	58	65 163	241,380	1 731,342	7,173	6,702
76	59	62 698	215,545	1 489,961	6,913	6,442
77	60	60 083	191,699	1 274,416	6,648	6,177
78	61	57 334	169,771	1 082,716	6,378	5,907
79	62	54 416	149,540	912,946	6,105	5,634
80	63	51 352	130,972	763,405	5,829	5,358
81	64	48 128	113,920	632,433	5,552	5,081
82	65	44 686	98,164	518,514	5,282	4,811
83	66	41 109	83,811	420,350	5,015	4,545
84	67	37 429	70,820	336,539	4,752	4,281
85	68	33 664	59,114	265,718	4,495	4,024
86	69	29 824	48,605	206,604	4,251	3,780
87	70	26 010	39,340	157,999	4,016	3,546
88	71	22 289	31,288	118,659	3,793	3,322
89	72	18 715	24,381	87,371	3,584	3,113
90	73	15 393	18,611	62,991	3,385	2,914
91	74	12 392	13,904	44,379	3,192	2,721
92	75	9 748	10,151	30,475	3,002	2,531
93	76	7 406	7,157	20,324	2,840	2,369
94	77	5 482	4,917	13,167	2,678	2,207
95	78	3 907	3,252	8,249	2,537	2,066
96	79	2 697	2,084	4,997	2,398	1,928
97	80	1 770	1,269	2,914	2,296	1,825
98	81	1 132	0,753	1,644	2,184	1,713
99	82	692	0,428	0,891	2,085	1,614
100	83	406	0,232	0,464	1,995	1,525

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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18	0	99 422	25 940,033	351 461,945	13,549	13,078
19	1	99 085	23 992,728	325 521,912	13,568	13,097
20	2	99 021	22 252,660	301 529,184	13,550	13,080
21	3	98 966	20 640,638	279 276,524	13,530	13,060
22	4	98 916	19 146,306	258 635,886	13,508	13,038
23	5	98 861	17 759,433	239 489,580	13,485	13,015
24	6	98 812	16 473,855	221 730,147	13,460	12,989
25	7	98 756	15 280,348	205 256,292	13,433	12,962
26	8	98 709	14 174,429	189 975,943	13,403	12,932
27	9	98 656	13 147,970	175 801,514	13,371	12,900
28	10	98 605	12 195,911	162 653,544	13,337	12,866
29	11	98 551	11 312,561	150 457,633	13,300	12,829
30	12	98 492	10 492,608	139 145,072	13,261	12,791
31	13	98 429	9 731,689	128 652,464	13,220	12,749
32	14	98 359	9 025,317	118 920,775	13,176	12,706
33	15	98 288	8 370,082	109 895,458	13,130	12,659
34	16	98 204	7 761,429	101 525,376	13,081	12,610
35	17	98 114	7 196,580	93 763,947	13,029	12,558
36	18	98 022	6 672,693	86 567,368	12,973	12,503
37	19	97 918	6 186,213	79 894,675	12,915	12,444
38	20	97 805	5 734,637	73 708,461	12,853	12,383
39	21	97 683	5 315,504	67 973,824	12,788	12,317
40	22	97 558	4 926,874	62 658,320	12,718	12,247
41	23	97 421	4 566,102	57 731,446	12,643	12,173
42	24	97 274	4 231,268	53 165,344	12,565	12,094
43	25	97 116	3 920,567	48 934,077	12,481	12,011
44	26	96 948	3 632,284	45 013,509	12,393	11,922
45	27	96 756	3 364,335	41 381,225	12,300	11,829
46	28	96 545	3 115,566	38 016,890	12,202	11,732
47	29	96 312	2 884,496	34 901,324	12,100	11,629
48	30	96 059	2 669,996	32 016,828	11,991	11,521
49	31	95 774	2 470,591	29 346,832	11,878	11,408
50	32	95 459	2 285,361	26 876,241	11,760	11,290
51	33	95 109	2 113,210	24 590,880	11,637	11,166
52	34	94 723	1 953,251	22 477,670	11,508	11,037
53	35	94 293	1 804,523	20 524,419	11,374	10,903
54	36	93 811	1 666,178	18 719,896	11,235	10,765
55	37	93 270	1 537,411	17 053,718	11,092	10,622
56	38	92 674	1 417,722	15 516,307	10,945	10,474
57	39	92 008	1 306,295	14 098,586	10,793	10,322
58	40	91 279	1 202,726	12 792,291	10,636	10,165
59	41	90 472	1 106,356	11 589,565	10,475	10,005
60	42	89 597	1 016,850	10 483,209	10,309	9,839
61	43	88 646	933,693	9 466,359	10,139	9,668
62	44	87 607	856,381	8 532,666	9,964	9,493
63	45	86 477	784,532	7 676,285	9,785	9,314
64	46	85 256	717,827	6 891,752	9,601	9,130
65	47	83 939	655,902	6 173,926	9,413	8,942
66	48	82 531	598,517	5 518,024	9,219	8,749
67	49	81 031	545,374	4 919,507	9,020	8,550
68	50	79 434	496,170	4 374,133	8,816	8,345
69	51	77 766	450,813	3 877,963	8,602	8,131
70	52	75 962	408,683	3 427,150	8,386	7,915
71	53	74 094	369,964	3 018,468	8,159	7,688
72	54	72 083	334,034	2 648,504	7,929	7,458
73	55	69 993	301,019	2 314,470	7,689	7,218
74	56	67 760	270,456	2 013,451	7,445	6,974
75	57	65 419	242,331	1 742,995	7,193	6,722
76	58	62 972	216,487	1 500,664	6,932	6,461
77	59	60 367	192,606	1 284,177	6,667	6,197
78	60	57 638	170,671	1 091,571	6,396	5,925
79	61	54 727	150,396	920,900	6,123	5,653
80	62	51 669	131,781	770,504	5,847	5,376
81	63	48 455	114,694	638,724	5,569	5,098
82	64	45 022	98,903	524,030	5,298	4,828
83	65	41 439	84,484	425,127	5,032	4,561
84	66	37 760	71,446	340,642	4,768	4,297
85	67	33 986	59,680	269,196	4,511	4,040
86	68	30 140	49,119	209,516	4,265	3,795
87	69	26 314	39,800	160,397	4,030	3,559
88	70	22 574	31,687	120,597	3,806	3,335
89	71	18 975	24,719	88,910	3,597	3,126
90	72	15 625	18,891	64,191	3,398	2,927
91	73	12 598	14,137	45,300	3,204	2,734
92	74	9 925	10,335	31,163	3,015	2,545
93	75	7 551	7,298	20,828	2,854	2,383
94	76	5 603	5,026	13,530	2,692	2,222
95	77	4 002	3,331	8,504	2,553	2,082
96	78	2 773	2,142	5,173	2,415	1,944
97	79	1 828	1,310	3,031	2,313	1,842
98	80	1 174	0,781	1,720	2,201	1,731
99	81	723	0,447	0,939	2,102	1,631
100	82	427	0,245	0,492	2,012	1,542

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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19	0	99 384	24 065,052	325 658,642	13,532	13,062
20	1	99 046	22 258,178	301 593,590	13,550	13,079
21	2	98 978	20 643,202	279 335,411	13,532	13,061
22	3	98 926	19 148,281	258 692,209	13,510	13,039
23	4	98 871	17 761,133	239 543,928	13,487	13,016
24	5	98 821	16 475,322	221 782,795	13,462	12,991
25	6	98 765	15 281,700	205 307,473	13,435	12,964
26	7	98 713	14 175,088	190 025,773	13,406	12,935
27	8	98 663	13 148,886	175 850,685	13,374	12,903
28	9	98 611	12 196,657	162 701,799	13,340	12,869
29	10	98 557	11 313,223	150 505,142	13,303	12,833
30	11	98 500	10 493,420	139 191,919	13,265	12,794
31	12	98 437	9 732,453	128 698,499	13,224	12,753
32	13	98 369	9 026,167	118 966,046	13,180	12,709
33	14	98 297	8 370,854	109 939,879	13,134	12,663
34	15	98 216	7 762,374	101 569,025	13,085	12,614
35	16	98 128	7 197,639	93 806,652	13,033	12,562
36	17	98 035	6 673,602	86 609,012	12,978	12,507
37	18	97 938	6 187,432	79 935,410	12,919	12,448
38	19	97 822	5 735,640	73 747,978	12,858	12,387
39	20	97 701	5 316,487	68 012,338	12,793	12,322
40	21	97 574	4 927,687	62 695,852	12,723	12,253
41	22	97 437	4 566,845	57 768,165	12,649	12,179
42	23	97 291	4 232,029	53 201,319	12,571	12,100
43	24	97 134	3 921,273	48 969,290	12,488	12,017
44	25	96 967	3 632,975	45 048,017	12,400	11,929
45	26	96 774	3 364,968	41 415,042	12,308	11,837
46	27	96 566	3 116,237	38 050,074	12,210	11,740
47	28	96 335	2 885,176	34 933,837	12,108	11,637
48	29	96 084	2 670,687	32 048,661	12,000	11,529
49	30	95 804	2 471,375	29 377,974	11,887	11,417
50	31	95 489	2 286,079	26 906,599	11,770	11,299
51	32	95 142	2 113,934	24 620,520	11,647	11,176
52	33	94 757	1 953,955	22 506,586	11,518	11,048
53	34	94 331	1 805,256	20 552,631	11,385	10,914
54	35	93 850	1 666,865	18 747,375	11,247	10,776
55	36	93 312	1 538,116	17 080,510	11,105	10,634
56	37	92 718	1 418,395	15 542,394	10,958	10,487
57	38	92 064	1 307,084	14 124,000	10,806	10,335
58	39	91 333	1 203,450	12 816,916	10,650	10,179
59	40	90 534	1 107,115	11 613,466	10,490	10,019
60	41	89 663	1 017,604	10 506,352	10,325	9,854
61	42	88 716	934,435	9 488,748	10,155	9,684
62	43	87 687	857,159	8 554,313	9,980	9,509
63	44	86 561	785,294	7 697,154	9,802	9,331
64	45	85 354	718,655	6 911,859	9,618	9,147
65	46	84 041	656,701	6 193,205	9,431	8,960
66	47	82 644	599,338	5 536,503	9,238	8,767
67	48	81 160	546,244	4 937,165	9,038	8,568
68	49	79 573	497,038	4 390,921	8,834	8,364
69	50	77 910	451,650	3 893,882	8,621	8,151
70	51	76 125	409,560	3 442,232	8,405	7,934
71	52	74 268	370,829	3 032,672	8,178	7,707
72	53	72 269	334,894	2 661,843	7,948	7,478
73	54	70 196	301,891	2 326,949	7,708	7,237
74	55	67 981	271,337	2 025,058	7,463	6,993
75	56	65 654	243,201	1 753,721	7,211	6,740
76	57	63 220	217,340	1 510,520	6,950	6,479
77	58	60 631	193,447	1 293,180	6,685	6,214
78	59	57 910	171,478	1 099,733	6,413	5,943
79	60	55 017	151,193	928,255	6,140	5,669
80	61	51 965	132,534	777,062	5,863	5,392
81	62	48 754	115,402	644,527	5,585	5,114
82	63	45 328	99,575	529,126	5,314	4,843
83	64	41 751	85,120	429,551	5,046	4,576
84	65	38 063	72,020	344,430	4,782	4,312
85	66	34 286	60,208	272,410	4,525	4,054
86	67	30 428	49,590	212,202	4,279	3,809
87	68	26 592	40,221	162,613	4,043	3,572
88	69	22 838	32,057	122,392	3,818	3,347
89	70	19 217	25,035	90,335	3,608	3,138
90	71	15 842	19,154	65,300	3,409	2,939
91	72	12 788	14,349	46,146	3,216	2,745
92	73	10 090	10,508	31,797	3,026	2,555
93	74	7 688	7,430	21,289	2,865	2,395
94	75	5 713	5,124	13,859	2,705	2,234
95	76	4 090	3,405	8,735	2,566	2,095
96	77	2 841	2,195	5,330	2,429	1,958
97	78	1 879	1,347	3,136	2,327	1,857
98	79	1 212	0,807	1,788	2,216	1,746
99	80	751	0,464	0,981	2,117	1,647
100	81	446	0,255	0,518	2,027	1,557

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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20	0	99 344	22 325,274	301 719,287	13,515	13,044
21	1	99 003	20 648,322	279 394,014	13,531	13,060
22	2	98 938	19 150,660	258 745,692	13,511	13,040
23	3	98 881	17 762,965	239 595,032	13,488	13,018
24	4	98 830	16 476,899	221 832,067	13,463	12,993
25	5	98 774	15 283,062	205 355,168	13,437	12,966
26	6	98 722	14 176,342	190 072,106	13,408	12,937
27	7	98 668	13 149,497	175 895,765	13,377	12,906
28	8	98 618	12 197,507	162 746,268	13,343	12,872
29	9	98 563	11 313,915	150 548,761	13,307	12,836
30	10	98 506	10 494,034	139 234,846	13,268	12,797
31	11	98 445	9 733,206	128 740,812	13,227	12,756
32	12	98 376	9 026,876	119 007,606	13,184	12,713
33	13	98 306	8 371,642	109 980,730	13,137	12,667
34	14	98 225	7 763,089	101 609,088	13,089	12,618
35	15	98 140	7 198,515	93 845,999	13,037	12,566
36	16	98 050	6 674,585	86 647,483	12,982	12,511
37	17	97 951	6 188,275	79 972,899	12,923	12,453
38	18	97 842	5 736,770	73 784,624	12,862	12,391
39	19	97 718	5 317,416	68 047,854	12,797	12,327
40	20	97 592	4 928,598	62 730,438	12,728	12,257
41	21	97 453	4 567,599	57 801,840	12,655	12,184
42	22	97 307	4 232,719	53 234,241	12,577	12,106
43	23	97 151	3 921,979	49 001,523	12,494	12,023
44	24	96 984	3 633,629	45 079,544	12,406	11,936
45	25	96 792	3 365,608	41 445,915	12,315	11,844
46	26	96 584	3 116,823	38 080,307	12,218	11,747
47	27	96 356	2 885,797	34 963,483	12,116	11,645
48	28	96 107	2 671,317	32 077,687	12,008	11,538
49	29	95 829	2 472,014	29 406,370	11,896	11,425
50	30	95 520	2 286,804	26 934,355	11,778	11,308
51	31	95 172	2 114,598	24 647,551	11,656	11,185
52	32	94 790	1 954,625	22 532,953	11,528	11,057
53	33	94 365	1 805,907	20 578,328	11,395	10,924
54	34	93 888	1 667,542	18 772,421	11,258	10,787
55	35	93 351	1 538,750	17 104,880	11,116	10,645
56	36	92 761	1 419,046	15 566,130	10,969	10,499
57	37	92 107	1 307,704	14 147,084	10,818	10,348
58	38	91 389	1 204,176	12 839,380	10,662	10,192
59	39	90 589	1 107,781	11 635,204	10,503	10,033
60	40	89 725	1 018,302	10 527,423	10,338	9,868
61	41	88 782	935,127	9 509,121	10,169	9,698
62	42	87 756	857,840	8 573,994	9,995	9,524
63	43	86 639	786,008	7 716,154	9,817	9,346
64	44	85 437	719,353	6 930,146	9,634	9,163
65	45	84 138	657,459	6 210,793	9,447	8,976
66	46	82 745	600,069	5 553,334	9,254	8,784
67	47	81 272	546,994	4 953,265	9,055	8,585
68	48	79 700	497,832	4 406,271	8,851	8,380
69	49	78 047	452,441	3 908,439	8,639	8,168
70	50	76 266	410,321	3 455,998	8,423	7,952
71	51	74 427	371,625	3 045,677	8,196	7,725
72	52	72 438	335,677	2 674,052	7,966	7,495
73	53	70 377	302,668	2 338,376	7,726	7,255
74	54	68 178	272,123	2 035,708	7,481	7,010
75	55	65 868	243,993	1 763,584	7,228	6,757
76	56	63 447	218,120	1 519,591	6,967	6,496
77	57	60 870	194,209	1 301,471	6,701	6,231
78	58	58 163	172,227	1 107,262	6,429	5,958
79	59	55 277	151,908	935,035	6,155	5,685
80	60	52 241	133,237	783,126	5,878	5,407
81	61	49 033	116,061	649,889	5,600	5,129
82	62	45 608	100,190	533,828	5,328	4,858
83	63	42 035	85,699	433,638	5,060	4,589
84	64	38 350	72,563	347,939	4,795	4,324
85	65	34 562	60,691	275,377	4,537	4,067
86	66	30 697	50,028	214,685	4,291	3,821
87	67	26 847	40,606	164,657	4,055	3,584
88	68	23 079	32,396	124,052	3,829	3,359
89	69	19 442	25,327	91,655	3,619	3,148
90	70	16 044	19,398	66,328	3,419	2,949
91	71	12 966	14,548	46,930	3,226	2,755
92	72	10 242	10,666	32,381	3,036	2,565
93	73	7 816	7,554	21,716	2,875	2,404
94	74	5 817	5,217	14,161	2,714	2,244
95	75	4 170	3,471	8,944	2,576	2,106
96	76	2 903	2,243	5,473	2,440	1,969
97	77	1 925	1,380	3,230	2,340	1,869
98	78	1 247	0,830	1,849	2,229	1,759
99	79	775	0,479	1,020	2,131	1,660
100	80	463	0,265	0,541	2,041	1,571

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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21	0	99 301	20 710,564	279 509,568	13,496	13,025
22	1	98 963	19 155,410	258 799,005	13,510	13,040
23	2	98 893	17 765,171	239 643,595	13,490	13,019
24	3	98 841	16 478,598	221 878,424	13,465	12,994
25	4	98 783	15 284,524	205 399,825	13,438	12,968
26	5	98 731	14 177,605	190 115,301	13,410	12,939
27	6	98 677	13 150,660	175 937,696	13,379	12,908
28	7	98 622	12 198,074	162 787,036	13,345	12,875
29	8	98 570	11 314,703	150 588,962	13,309	12,838
30	9	98 512	10 494,676	139 274,259	13,271	12,800
31	10	98 450	9 733,775	128 779,583	13,230	12,760
32	11	98 384	9 027,574	119 045,808	13,187	12,716
33	12	98 314	8 372,300	110 018,234	13,141	12,670
34	13	98 234	7 763,821	101 645,934	13,092	12,622
35	14	98 149	7 199,179	93 882,113	13,041	12,570
36	15	98 062	6 675,397	86 682,934	12,985	12,515
37	16	97 965	6 189,186	80 007,538	12,927	12,456
38	17	97 855	5 737,551	73 818,351	12,866	12,395
39	18	97 737	5 318,464	68 080,800	12,801	12,330
40	19	97 609	4 929,460	62 762,336	12,732	12,261
41	20	97 471	4 568,443	57 832,877	12,659	12,189
42	21	97 323	4 233,417	53 264,433	12,582	12,111
43	22	97 167	3 922,617	49 031,017	12,500	12,029
44	23	97 002	3 634,283	45 108,399	12,412	11,941
45	24	96 810	3 366,214	41 474,116	12,321	11,850
46	25	96 603	3 117,416	38 107,902	12,224	11,754
47	26	96 374	2 886,340	34 990,486	12,123	11,652
48	27	96 128	2 671,892	32 104,146	12,016	11,545
49	28	95 852	2 472,597	29 432,254	11,903	11,433
50	29	95 544	2 287,396	26 959,657	11,786	11,316
51	30	95 202	2 115,269	24 672,261	11,664	11,193
52	31	94 820	1 955,239	22 556,992	11,537	11,066
53	32	94 397	1 806,526	20 601,753	11,404	10,933
54	33	93 922	1 668,143	18 795,227	11,267	10,796
55	34	93 389	1 539,375	17 127,085	11,126	10,655
56	35	92 799	1 419,631	15 587,710	10,980	10,509
57	36	92 150	1 308,304	14 168,079	10,829	10,359
58	37	91 432	1 204,748	12 859,775	10,674	10,204
59	38	90 643	1 108,449	11 655,027	10,515	10,044
60	39	89 779	1 018,914	10 546,578	10,351	9,880
61	40	88 843	935,769	9 527,663	10,182	9,711
62	41	87 821	858,476	8 591,895	10,008	9,538
63	42	86 708	786,633	7 733,419	9,831	9,360
64	43	85 515	720,007	6 946,787	9,648	9,178
65	44	84 220	658,098	6 226,780	9,462	8,991
66	45	82 840	600,761	5 568,682	9,269	8,799
67	46	81 371	547,661	4 967,921	9,071	8,601
68	47	79 809	498,515	4 420,260	8,867	8,396
69	48	78 171	453,163	3 921,745	8,654	8,183
70	49	76 400	411,039	3 468,582	8,439	7,968
71	50	74 565	372,315	3 057,542	8,212	7,742
72	51	72 593	336,398	2 685,227	7,982	7,512
73	52	70 541	303,376	2 348,830	7,742	7,272
74	53	68 353	272,824	2 045,454	7,497	7,027
75	54	66 059	244,700	1 772,630	7,244	6,773
76	55	63 653	218,830	1 527,930	6,982	6,512
77	56	61 088	194,907	1 309,100	6,717	6,246
78	57	58 393	172,906	1 114,194	6,444	5,973
79	58	55 519	152,572	941,288	6,169	5,699
80	59	52 488	133,867	788,716	5,892	5,421
81	60	49 293	116,677	654,849	5,612	5,142
82	61	45 869	100,763	538,172	5,341	4,870
83	62	42 294	86,228	437,409	5,073	4,602
84	63	38 610	73,056	351,181	4,807	4,336
85	64	34 822	61,148	278,126	4,548	4,078
86	65	30 944	50,430	216,978	4,303	3,832
87	66	27 084	40,964	166,548	4,066	3,595
88	67	23 300	32,707	125,583	3,840	3,369
89	68	19 647	25,595	92,877	3,629	3,158
90	69	16 231	19,625	67,281	3,428	2,958
91	70	13 131	14,734	47,657	3,234	2,764
92	71	10 384	10,814	32,922	3,044	2,574
93	72	7 934	7,668	22,108	2,883	2,413
94	73	5 914	5,304	14,441	2,722	2,252
95	74	4 246	3,535	9,136	2,585	2,114
96	75	2 960	2,287	5,602	2,449	1,979
97	76	1 967	1,411	3,315	2,350	1,879
98	77	1 277	0,850	1,904	2,240	1,770
99	78	797	0,492	1,054	2,142	1,672
100	79	478	0,274	0,562	2,054	1,583

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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22	0	99 261	19 213,152	258 905,239	13,475	13,005
23	1	98 918	17 769,577	239 692,087	13,489	13,018
24	2	98 853	16 480,646	221 922,510	13,466	12,995
25	3	98 794	15 286,101	205 441,864	13,440	12,969
26	4	98 740	14 178,961	190 155,763	13,411	12,940
27	5	98 685	13 151,832	175 976,802	13,380	12,910
28	6	98 631	12 199,153	162 824,970	13,347	12,877
29	7	98 574	11 315,229	150 625,817	13,312	12,841
30	8	98 518	10 495,407	139 310,588	13,273	12,803
31	9	98 456	9 734,370	128 815,181	13,233	12,762
32	10	98 390	9 028,102	119 080,811	13,190	12,719
33	11	98 322	8 372,947	110 052,708	13,144	12,673
34	12	98 242	7 764,431	101 679,761	13,096	12,625
35	13	98 159	7 199,857	93 915,331	13,044	12,573
36	14	98 071	6 676,012	86 715,473	12,989	12,518
37	15	97 977	6 189,939	80 039,461	12,931	12,460
38	16	97 869	5 738,396	73 849,522	12,869	12,399
39	17	97 751	5 319,188	68 111,126	12,805	12,334
40	18	97 628	4 930,431	62 791,937	12,736	12,265
41	19	97 488	4 569,242	57 861,506	12,663	12,193
42	20	97 341	4 234,199	53 292,264	12,586	12,115
43	21	97 183	3 923,264	49 058,065	12,504	12,034
44	22	97 017	3 634,875	45 134,801	12,417	11,946
45	23	96 827	3 366,820	41 499,926	12,326	11,855
46	24	96 620	3 117,977	38 133,106	12,230	11,759
47	25	96 392	2 886,889	35 015,129	12,129	11,658
48	26	96 146	2 672,395	32 128,239	12,022	11,552
49	27	95 872	2 473,129	29 455,845	11,910	11,440
50	28	95 567	2 287,935	26 982,716	11,793	11,323
51	29	95 227	2 115,817	24 694,780	11,672	11,201
52	30	94 850	1 955,859	22 578,964	11,544	11,074
53	31	94 427	1 807,093	20 623,105	11,412	10,942
54	32	93 954	1 668,714	18 816,011	11,276	10,805
55	33	93 422	1 539,930	17 147,297	11,135	10,664
56	34	92 837	1 420,207	15 607,367	10,990	10,519
57	35	92 188	1 308,844	14 187,160	10,839	10,369
58	36	91 474	1 205,300	12 878,317	10,685	10,214
59	37	90 686	1 108,976	11 673,016	10,526	10,055
60	38	89 833	1 019,529	10 564,040	10,362	9,891
61	39	88 896	936,332	9 544,511	10,194	9,723
62	40	87 881	859,065	8 608,179	10,020	9,550
63	41	86 772	787,215	7 749,114	9,844	9,373
64	42	85 583	720,579	6 961,899	9,662	9,191
65	43	84 296	658,696	6 241,321	9,475	9,005
66	44	82 921	601,345	5 582,625	9,284	8,813
67	45	81 465	548,292	4 981,280	9,085	8,614
68	46	79 907	499,123	4 432,987	8,882	8,411
69	47	78 279	453,785	3 933,864	8,669	8,198
70	48	76 522	411,695	3 480,079	8,453	7,982
71	49	74 696	372,967	3 068,384	8,227	7,756
72	50	72 728	337,022	2 695,417	7,998	7,527
73	51	70 693	304,027	2 358,395	7,757	7,287
74	52	68 513	273,462	2 054,367	7,512	7,042
75	53	66 229	245,330	1 780,906	7,259	6,789
76	54	63 838	219,464	1 535,576	6,997	6,526
77	55	61 287	195,541	1 316,112	6,731	6,260
78	56	58 602	173,526	1 120,571	6,458	5,987
79	57	55 737	153,173	947,044	6,183	5,712
80	58	52 717	134,452	793,871	5,904	5,434
81	59	49 526	117,229	659,419	5,625	5,154
82	60	46 112	101,297	542,191	5,352	4,882
83	61	42 536	86,721	440,893	5,084	4,613
84	62	38 849	73,507	354,173	4,818	4,348
85	63	35 059	61,564	280,666	4,559	4,088
86	64	31 177	50,810	219,102	4,312	3,842
87	65	27 301	41,294	168,293	4,076	3,605
88	66	23 506	32,996	126,999	3,849	3,378
89	67	19 835	25,840	94,003	3,638	3,167
90	68	16 403	19,832	68,163	3,437	2,966
91	69	13 284	14,906	48,331	3,242	2,772
92	70	10 517	10,952	33,424	3,052	2,581
93	71	8 044	7,774	22,472	2,891	2,420
94	72	6 003	5,384	14,698	2,730	2,259
95	73	4 317	3,594	9,314	2,592	2,121
96	74	3 014	2,329	5,720	2,457	1,986
97	75	2 006	1,438	3,392	2,358	1,887
98	76	1 305	0,869	1,953	2,249	1,778
99	77	816	0,504	1,085	2,152	1,682
100	78	491	0,281	0,581	2,064	1,593

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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23	0	99 216	17 823,142	239 789,752	13,454	12,983
24	1	98 877	16 484,733	221 966,610	13,465	12,994
25	2	98 806	15 288,000	205 481,877	13,441	12,970
26	3	98 750	14 180,424	190 193,877	13,412	12,942
27	4	98 695	13 153,091	176 013,453	13,382	12,911
28	5	98 640	12 200,240	162 860,363	13,349	12,878
29	6	98 583	11 316,230	150 660,123	13,314	12,843
30	7	98 523	10 495,895	139 343,893	13,276	12,805
31	8	98 463	9 735,049	128 847,998	13,235	12,765
32	9	98 396	9 028,654	119 112,950	13,193	12,722
33	10	98 327	8 373,437	110 084,295	13,147	12,676
34	11	98 250	7 765,031	101 710,858	13,099	12,628
35	12	98 166	7 200,423	93 945,827	13,047	12,577
36	13	98 080	6 676,641	86 745,405	12,992	12,522
37	14	97 986	6 190,510	80 068,763	12,934	12,463
38	15	97 881	5 739,094	73 878,253	12,873	12,402
39	16	97 765	5 319,972	68 139,159	12,808	12,338
40	17	97 642	4 931,102	62 819,187	12,739	12,269
41	18	97 508	4 570,142	57 888,085	12,667	12,196
42	19	97 358	4 234,940	53 317,942	12,590	12,119
43	20	97 201	3 923,990	49 083,003	12,508	12,038
44	21	97 033	3 635,474	45 159,013	12,422	11,951
45	22	96 843	3 367,368	41 523,539	12,331	11,860
46	23	96 638	3 118,539	38 156,170	12,235	11,765
47	24	96 410	2 887,409	35 037,632	12,135	11,664
48	25	96 164	2 672,903	32 150,223	12,028	11,558
49	26	95 890	2 473,595	29 477,320	11,917	11,446
50	27	95 588	2 288,428	27 003,725	11,800	11,329
51	28	95 249	2 116,315	24 715,298	11,678	11,208
52	29	94 874	1 956,365	22 598,982	11,552	11,081
53	30	94 457	1 807,666	20 642,617	11,419	10,949
54	31	93 983	1 669,239	18 834,950	11,284	10,813
55	32	93 454	1 540,458	17 165,712	11,143	10,673
56	33	92 870	1 420,719	15 625,254	10,998	10,527
57	34	92 225	1 309,375	14 204,535	10,848	10,378
58	35	91 512	1 205,797	12 895,160	10,694	10,224
59	36	90 728	1 109,484	11 689,363	10,536	10,065
60	37	89 876	1 020,014	10 579,878	10,372	9,902
61	38	88 950	936,897	9 559,865	10,204	9,733
62	39	87 934	859,582	8 622,968	10,032	9,561
63	40	86 832	787,755	7 763,386	9,855	9,384
64	41	85 646	721,112	6 975,631	9,673	9,203
65	42	84 363	659,219	6 254,518	9,488	9,017
66	43	82 996	601,892	5 595,299	9,296	8,826
67	44	81 544	548,825	4 993,408	9,098	8,628
68	45	79 999	499,699	4 444,583	8,895	8,424
69	46	78 374	454,338	3 944,884	8,683	8,212
70	47	76 627	412,260	3 490,546	8,467	7,996
71	48	74 815	373,562	3 078,285	8,240	7,770
72	49	72 856	337,612	2 704,723	8,011	7,541
73	50	70 824	304,592	2 367,111	7,771	7,301
74	51	68 660	274,049	2 062,519	7,526	7,055
75	52	66 384	245,904	1 788,470	7,273	6,802
76	53	64 002	220,029	1 542,566	7,011	6,540
77	54	61 465	196,108	1 322,537	6,744	6,273
78	55	58 793	174,091	1 126,430	6,470	6,000
79	56	55 938	153,723	952,338	6,195	5,725
80	57	52 925	134,982	798,615	5,916	5,446
81	58	49 742	117,741	663,634	5,636	5,166
82	59	46 330	101,776	545,893	5,364	4,893
83	60	42 762	87,181	444,117	5,094	4,624
84	61	39 071	73,927	356,936	4,828	4,358
85	62	35 275	61,944	283,009	4,569	4,098
86	63	31 389	51,155	221,065	4,321	3,851
87	64	27 507	41,605	169,911	4,084	3,613
88	65	23 695	33,261	128,306	3,858	3,387
89	66	20 011	26,069	95,045	3,646	3,175
90	67	16 560	20,022	68,976	3,445	2,974
91	68	13 425	15,064	48,954	3,250	2,779
92	69	10 640	11,080	33,890	3,059	2,588
93	70	8 147	7,874	22,810	2,897	2,426
94	71	6 086	5,459	14,937	2,736	2,266
95	72	4 382	3,648	9,478	2,598	2,128
96	73	3 064	2,367	5,830	2,463	1,992
97	74	2 042	1,464	3,463	2,365	1,894
98	75	1 331	0,886	1,998	2,257	1,786
99	76	834	0,515	1,113	2,160	1,689
100	77	503	0,288	0,598	2,073	1,602

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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24	0	99 175	16 534,425	222 056,401	13,430	12,959
25	1	98 830	15 291,791	205 521,977	13,440	12,969
26	2	98 763	14 182,186	190 230,185	13,413	12,943
27	3	98 705	13 154,447	176 048,000	13,383	12,912
28	4	98 649	12 201,407	162 893,552	13,350	12,880
29	5	98 592	11 317,238	150 692,145	13,315	12,845
30	6	98 532	10 496,823	139 374,907	13,278	12,807
31	7	98 468	9 735,501	128 878,084	13,238	12,767
32	8	98 403	9 029,284	119 142,583	13,195	12,724
33	9	98 333	8 373,949	110 113,299	13,150	12,679
34	10	98 255	7 765,485	101 739,350	13,101	12,631
35	11	98 174	7 200,980	93 973,865	13,050	12,579
36	12	98 088	6 677,166	86 772,885	12,995	12,525
37	13	97 996	6 191,093	80 095,719	12,937	12,467
38	14	97 890	5 739,624	73 904,626	12,876	12,406
39	15	97 777	5 320,619	68 165,002	12,811	12,341
40	16	97 656	4 931,829	62 844,383	12,743	12,272
41	17	97 521	4 570,765	57 912,555	12,670	12,200
42	18	97 377	4 235,774	53 341,790	12,593	12,122
43	19	97 218	3 924,676	49 106,016	12,512	12,041
44	20	97 051	3 636,146	45 181,340	12,426	11,955
45	21	96 859	3 367,924	41 545,194	12,336	11,865
46	22	96 653	3 119,046	38 177,270	12,240	11,769
47	23	96 427	2 887,928	35 058,224	12,140	11,669
48	24	96 181	2 673,384	32 170,295	12,034	11,563
49	25	95 909	2 474,065	29 496,911	11,922	11,452
50	26	95 605	2 288,858	27 022,846	11,806	11,336
51	27	95 270	2 116,771	24 733,987	11,685	11,214
52	28	94 897	1 956,827	22 617,217	11,558	11,087
53	29	94 481	1 808,134	20 660,390	11,426	10,956
54	30	94 013	1 669,768	18 852,256	11,290	10,820
55	31	93 484	1 540,941	17 182,488	11,151	10,680
56	32	92 902	1 421,206	15 641,546	11,006	10,535
57	33	92 258	1 309,847	14 220,340	10,856	10,386
58	34	91 549	1 206,287	12 910,493	10,703	10,232
59	35	90 765	1 109,942	11 704,206	10,545	10,074
60	36	89 917	1 020,482	10 594,264	10,382	9,911
61	37	88 992	937,342	9 573,783	10,214	9,743
62	38	87 987	860,100	8 636,441	10,041	9,571
63	39	86 884	788,229	7 776,340	9,866	9,395
64	40	85 705	721,607	6 988,111	9,684	9,213
65	41	84 426	659,708	6 266,504	9,499	9,028
66	42	83 062	602,370	5 606,796	9,308	8,837
67	43	81 618	549,324	5 004,427	9,110	8,639
68	44	80 076	500,184	4 455,103	8,907	8,436
69	45	78 464	454,862	3 954,919	8,695	8,224
70	46	76 720	412,763	3 500,056	8,480	8,009
71	47	74 918	374,075	3 087,293	8,253	7,782
72	48	72 972	338,151	2 713,218	8,024	7,553
73	49	70 948	305,125	2 375,067	7,784	7,313
74	50	68 788	274,558	2 069,942	7,539	7,069
75	51	66 526	246,432	1 795,384	7,286	6,815
76	52	64 152	220,544	1 548,953	7,023	6,553
77	53	61 623	196,613	1 328,409	6,756	6,286
78	54	58 963	174,596	1 131,796	6,482	6,012
79	55	56 120	154,223	957,201	6,207	5,736
80	56	53 114	135,466	802,977	5,928	5,457
81	57	49 938	118,205	667,511	5,647	5,176
82	58	46 532	102,221	549,307	5,374	4,903
83	59	42 964	87,593	447,086	5,104	4,633
84	60	39 278	74,319	359,493	4,837	4,366
85	61	35 477	62,298	285,174	4,578	4,107
86	62	31 582	51,471	222,876	4,330	3,860
87	63	27 694	41,887	171,405	4,092	3,621
88	64	23 873	33,511	129,518	3,865	3,394
89	65	20 171	26,278	96,007	3,653	3,183
90	66	16 707	20,199	69,729	3,452	2,981
91	67	13 553	15,208	49,529	3,257	2,786
92	68	10 752	11,197	34,321	3,065	2,594
93	69	8 242	7,966	23,124	2,903	2,432
94	70	6 164	5,528	15,158	2,742	2,271
95	71	4 443	3,698	9,630	2,604	2,133
96	72	3 110	2,403	5,932	2,468	1,998
97	73	2 077	1,489	3,529	2,370	1,899
98	74	1 355	0,902	2,040	2,262	1,791
99	75	851	0,525	1,138	2,166	1,696
100	76	514	0,295	0,613	2,080	1,609

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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24						
25	0	99 128	15 337,887	205 604,528	13,405	12,934
26	1	98 787	14 185,703	190 266,641	13,413	12,942
27	2	98 717	13 156,082	176 080,939	13,384	12,913
28	3	98 659	12 202,666	162 924,857	13,352	12,881
29	4	98 601	11 318,321	150 722,192	13,317	12,846
30	5	98 541	10 497,758	139 403,870	13,279	12,809
31	6	98 476	9 736,362	128 906,112	13,240	12,769
32	7	98 407	9 029,703	119 169,750	13,198	12,727
33	8	98 340	8 374,533	110 140,047	13,152	12,681
34	9	98 261	7 765,960	101 765,514	13,104	12,633
35	10	98 180	7 201,401	93 999,553	13,053	12,582
36	11	98 095	6 677,682	86 798,153	12,998	12,528
37	12	98 003	6 191,580	80 120,471	12,940	12,470
38	13	97 900	5 740,164	73 928,891	12,879	12,409
39	14	97 786	5 321,110	68 188,727	12,815	12,344
40	15	97 668	4 932,429	62 867,617	12,746	12,275
41	16	97 535	4 571,438	57 935,188	12,673	12,203
42	17	97 391	4 236,351	53 363,750	12,597	12,126
43	18	97 237	3 925,449	49 127,399	12,515	12,044
44	19	97 068	3 636,782	45 201,950	12,429	11,958
45	20	96 877	3 368,546	41 565,168	12,339	11,869
46	21	96 669	3 119,561	38 196,622	12,244	11,774
47	22	96 443	2 888,399	35 077,061	12,144	11,673
48	23	96 199	2 673,865	32 188,662	12,038	11,568
49	24	95 926	2 474,511	29 514,797	11,928	11,457
50	25	95 624	2 289,294	27 040,286	11,812	11,341
51	26	95 288	2 117,169	24 750,992	11,691	11,220
52	27	94 917	1 957,248	22 633,823	11,564	11,093
53	28	94 504	1 808,560	20 676,576	11,433	10,962
54	29	94 038	1 670,200	18 868,015	11,297	10,826
55	30	93 513	1 541,430	17 197,815	11,157	10,686
56	31	92 931	1 421,652	15 656,384	11,013	10,542
57	32	92 290	1 310,296	14 234,732	10,864	10,393
58	33	91 582	1 206,722	12 924,436	10,710	10,240
59	34	90 802	1 110,393	11 717,714	10,553	10,082
60	35	89 954	1 020,902	10 607,321	10,390	9,919
61	36	89 033	937,772	9 586,419	10,223	9,752
62	37	88 029	860,509	8 648,647	10,051	9,580
63	38	86 937	788,705	7 788,138	9,875	9,404
64	39	85 757	722,041	6 999,433	9,694	9,223
65	40	84 484	660,160	6 277,392	9,509	9,038
66	41	83 124	602,816	5 617,232	9,318	8,848
67	42	81 683	549,760	5 014,416	9,121	8,650
68	43	80 149	500,639	4 464,656	8,918	8,447
69	44	78 541	455,304	3 964,017	8,706	8,236
70	45	76 809	413,239	3 508,713	8,491	8,020
71	46	75 009	374,531	3 095,474	8,265	7,794
72	47	73 072	338,615	2 720,943	8,035	7,565
73	48	71 061	305,612	2 382,327	7,795	7,325
74	49	68 908	275,038	2 076,715	7,551	7,080
75	50	66 650	246,889	1 801,677	7,298	6,827
76	51	64 289	221,017	1 554,787	7,035	6,564
77	52	61 767	197,072	1 333,770	6,768	6,297
78	53	59 115	175,045	1 136,698	6,494	6,023
79	54	56 282	154,670	961,653	6,217	5,747
80	55	53 287	135,907	806,983	5,938	5,467
81	56	50 118	118,629	671,075	5,657	5,186
82	57	46 716	102,623	552,446	5,383	4,913
83	58	43 152	87,976	449,823	5,113	4,642
84	59	39 464	74,670	361,847	4,846	4,375
85	60	35 665	62,628	287,177	4,585	4,115
86	61	31 763	51,765	224,548	4,338	3,867
87	62	27 865	42,146	172,783	4,100	3,629
88	63	24 035	33,739	130,638	3,872	3,401
89	64	20 323	26,476	96,899	3,660	3,189
90	65	16 841	20,361	70,423	3,459	2,988
91	66	13 673	15,343	50,061	3,263	2,792
92	67	10 855	11,304	34,719	3,071	2,601
93	68	8 329	8,050	23,414	2,909	2,438
94	69	6 236	5,593	15,364	2,747	2,276
95	70	4 499	3,745	9,771	2,609	2,138
96	71	3 154	2,436	6,026	2,473	2,002
97	72	2 108	1,511	3,589	2,375	1,904
98	73	1 378	0,917	2,078	2,267	1,796
99	74	866	0,535	1,161	2,171	1,701
100	75	524	0,300	0,626	2,085	1,615

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	0	100 000	100 000,000	1 330 478,416	13,305	12,834	50	50	94 053	2 005,317	22 191,439	11,066	10,595
1	1	99 344	91 985,472	1 230 478,416	13,377	12,906	51	51	93 566	1 847,173	20 186,122	10,928	10,457
2	2	99 292	85 127,079	1 138 492,944	13,374	12,903	52	52	93 020	1 700,363	18 338,948	10,785	10,314
3	3	99 264	78 799,275	1 053 365,865	13,368	12,897	53	53	92 419	1 564,233	16 638,586	10,637	10,166
4	4	99 243	72 946,819	974 566,590	13,360	12,889	54	54	91 749	1 437,859	15 074,353	10,484	10,013
5	5	99 223	67 529,693	901 619,771	13,351	12,880	55	55	90 997	1 320,448	13 636,494	10,327	9,856
6	6	99 204	62 515,643	834 090,078	13,342	12,871	56	56	90 166	1 211,463	12 316,046	10,166	9,695
7	7	99 187	57 874,472	771 574,435	13,332	12,861	57	57	89 251	1 110,350	11 104,583	10,001	9,530
8	8	99 174	53 580,369	713 699,962	13,320	12,849	58	58	88 249	1 016,559	9 994,233	9,831	9,360
9	9	99 158	49 603,754	660 119,593	13,308	12,837	59	59	87 149	929,520	8 977,674	9,658	9,187
10	10	99 144	45 922,917	610 515,840	13,294	12,823	60	60	85 963	848,961	8 048,154	9,480	9,009
11	11	99 130	42 515,363	564 592,922	13,280	12,809	61	61	84 669	774,240	7 199,194	9,298	8,827
12	12	99 115	39 359,987	522 077,559	13,264	12,793	62	62	83 277	705,099	6 424,954	9,112	8,641
13	13	99 101	36 439,062	482 717,572	13,247	12,776	63	63	81 777	641,116	5 719,855	8,922	8,451
14	14	99 082	33 733,458	446 278,511	13,230	12,759	64	64	80 171	581,968	5 078,738	8,727	8,256
15	15	99 059	31 227,567	412 545,052	13,211	12,740	65	65	78 438	527,210	4 496,771	8,529	8,058
16	16	99 031	28 906,274	381 317,486	13,192	12,720	66	66	76 613	476,798	3 969,561	8,325	7,854
17	17	98 992	26 754,504	352 411,212	13,172	12,701	67	67	74 681	430,345	3 492,763	8,116	7,645
18	18	98 951	24 762,511	325 656,708	13,151	12,680	68	68	72 641	387,586	3 062,418	7,901	7,430
19	19	98 894	22 914,950	300 894,197	13,131	12,660	69	69	70 502	348,309	2 674,832	7,679	7,208
20	20	98 837	21 205,401	277 979,247	13,109	12,638	70	70	68 217	312,056	2 326,524	7,455	6,984
21	21	98 777	19 622,523	256 773,846	13,086	12,615	71	71	65 856	278,937	2 014,468	7,222	6,751
22	22	98 720	18 158,645	237 151,323	13,060	12,589	72	72	63 353	248,460	1 735,531	6,985	6,514
23	23	98 659	16 803,197	218 992,677	13,033	12,562	73	73	60 780	220,713	1 487,071	6,738	6,267
24	24	98 601	15 549,345	202 189,481	13,003	12,532	74	74	58 064	195,231	1 266,359	6,486	6,015
25	25	98 537	14 388,115	186 640,136	12,972	12,501	75	75	55 255	172,025	1 071,128	6,227	5,756
26	26	98 475	13 313,962	172 252,021	12,938	12,467	76	76	52 370	150,966	899,103	5,956	5,485
27	27	98 411	12 319,767	158 938,060	12,901	12,430	77	77	49 336	131,685	748,137	5,681	5,210
28	28	98 344	11 399,470	146 618,293	12,862	12,391	78	78	46 202	114,185	616,452	5,399	4,928
29	29	98 274	10 547,461	135 218,824	12,820	12,349	79	79	42 891	98,150	502,267	5,117	4,646
30	30	98 197	9 758,547	124 671,363	12,776	12,305	80	80	39 447	83,582	404,117	4,835	4,364
31	31	98 111	9 027,755	114 912,816	12,729	12,258	81	81	35 864	70,362	320,535	4,556	4,084
32	32	98 019	8 351,261	105 885,061	12,679	12,208	82	82	32 118	58,345	250,174	4,288	3,817
33	33	97 924	7 725,099	97 533,799	12,626	12,155	83	83	28 314	47,624	191,829	4,028	3,557
34	34	97 817	7 145,060	89 808,700	12,569	12,098	84	84	24 532	38,207	144,205	3,774	3,303
35	35	97 702	6 608,022	82 663,640	12,510	12,039	85	85	20 824	30,029	105,998	3,530	3,059
36	36	97 583	6 111,110	76 055,618	12,445	11,974	86	86	17 225	22,999	75,969	3,303	2,832
37	37	97 455	5 650,980	69 944,508	12,377	11,906	87	87	13 872	17,151	52,970	3,088	2,617
38	38	97 313	5 224,781	64 293,528	12,305	11,834	88	88	10 836	12,405	35,819	2,887	2,416
39	39	97 150	4 829,680	59 068,747	12,230	11,759	89	89	8 172	8,661	23,414	2,703	2,232
40	40	96 984	4 464,259	54 239,067	12,150	11,679	90	90	5 939	5,828	14,753	2,531	2,060
41	41	96 797	4 125,626	49 774,809	12,065	11,594	91	91	4 144	3,765	8,924	2,370	1,899
42	42	96 597	3 812,105	45 649,183	11,975	11,504	92	92	2 762	2,324	5,159	2,219	1,748
43	43	96 381	3 521,843	41 837,078	11,879	11,408	93	93	1 739	1,355	2,834	2,092	1,621
44	44	96 145	3 252,988	38 315,235	11,778	11,307	94	94	1 041	0,751	1,480	1,971	1,500
45	45	95 879	3 003,693	35 062,247	11,673	11,202	95	95	585	0,391	0,729	1,867	1,396
46	46	95 581	2 772,551	32 058,554	11,563	11,092	96	96	310	0,192	0,339	1,765	1,294
47	47	95 257	2 558,464	29 286,003	11,447	10,976	97	97	150	0,086	0,147	1,706	1,235
48	48	94 901	2 360,100	26 727,539	11,325	10,854	98	98	70	0,037	0,061	1,640	1,169
49	49	94 498	2 176,001	24 367,439	11,198	10,727	99	99	31	0,015	0,024	1,574	1,102
							100	100	13	0,006	0,009	1,516	1,045

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	1	99 699	99 699,466	1 329 837,104	13,338	12,867	50	51	93 878	2 001,601	22 047,729	11,015	10,544
1	2	99 320	91 962,665	1 230 137,638	13,376	12,905	51	52	93 366	1 843,215	20 046,128	10,876	10,405
2	3	99 280	85 116,504	1 138 174,973	13,372	12,901	52	53	92 803	1 696,396	18 202,913	10,730	10,259
3	4	99 254	78 791,148	1 053 058,469	13,365	12,894	53	54	92 182	1 560,217	16 506,517	10,580	10,109
4	5	99 234	72 939,839	974 267,321	13,357	12,886	54	55	91 483	1 433,705	14 946,300	10,425	9,954
5	6	99 214	67 523,678	901 327,482	13,348	12,877	55	56	90 702	1 316,162	13 512,595	10,267	9,796
6	7	99 196	62 510,113	833 803,804	13,339	12,868	56	57	89 843	1 207,130	12 196,433	10,104	9,633
7	8	99 182	57 871,784	771 293,691	13,328	12,857	57	58	88 901	1 105,993	10 989,303	9,936	9,465
8	9	99 167	53 576,636	713 421,908	13,316	12,845	58	59	87 865	1 012,137	9 883,310	9,765	9,294
9	10	99 152	49 600,719	659 845,272	13,303	12,832	59	60	86 738	925,146	8 871,173	9,589	9,118
10	11	99 138	45 920,231	610 244,553	13,289	12,818	60	61	85 510	844,481	7 946,028	9,409	8,938
11	12	99 123	42 512,076	564 324,322	13,274	12,803	61	62	84 188	769,838	7 101,546	9,225	8,754
12	13	99 107	39 356,896	521 812,246	13,258	12,787	62	63	82 766	700,774	6 331,708	9,035	8,564
13	14	99 091	36 435,629	482 455,350	13,241	12,770	63	64	81 226	636,789	5 630,935	8,843	8,372
14	15	99 073	33 730,348	446 019,722	13,223	12,752	64	65	79 572	577,619	4 994,145	8,646	8,175
15	16	99 047	31 223,767	412 289,374	13,204	12,733	65	66	77 813	523,007	4 416,527	8,444	7,973
16	17	99 017	28 902,017	381 065,607	13,185	12,714	66	67	75 942	472,620	3 893,519	8,238	7,767
17	18	98 979	26 750,861	352 163,589	13,165	12,694	67	68	73 972	426,264	3 420,899	8,025	7,554
18	19	98 932	24 757,632	325 412,728	13,144	12,673	68	69	71 881	383,530	2 994,635	7,808	7,337
19	20	98 877	22 910,944	300 655,096	13,123	12,652	69	70	69 688	344,284	2 611,105	7,584	7,113
20	21	98 819	21 201,481	277 744,151	13,100	12,629	70	71	67 358	308,124	2 266,821	7,357	6,886
21	22	98 760	19 619,288	256 542,671	13,076	12,605	71	72	64 953	275,115	1 958,697	7,120	6,649
22	23	98 704	18 155,689	236 923,383	13,050	12,578	72	73	62 414	244,779	1 683,582	6,878	6,407
23	24	98 642	16 800,173	218 767,694	13,022	12,551	73	74	59 782	217,090	1 438,803	6,628	6,157
24	25	98 583	15 546,547	201 967,521	12,991	12,520	74	75	57 028	191,747	1 221,713	6,371	5,900
25	26	98 518	14 385,378	186 420,975	12,959	12,488	75	76	54 192	168,716	1 029,966	6,105	5,634
26	27	98 456	13 311,456	172 035,596	12,924	12,453	76	77	51 241	147,711	861,250	5,831	5,360
27	28	98 390	12 317,115	158 724,140	12,886	12,415	77	78	48 162	128,551	713,539	5,551	5,080
28	29	98 321	11 396,783	146 407,025	12,846	12,375	78	79	44 934	111,051	584,987	5,268	4,797
29	30	98 248	10 544,731	135 010,242	12,804	12,333	79	80	41 544	95,066	473,936	4,985	4,514
30	31	98 166	9 755,452	124 465,510	12,759	12,288	80	81	38 009	80,534	378,870	4,704	4,233
31	32	98 080	9 024,920	114 710,058	12,710	12,239	81	82	34 334	67,359	298,336	4,429	3,958
32	33	97 986	8 348,400	105 685,138	12,659	12,188	82	83	30 532	55,464	230,977	4,164	3,693
33	34	97 888	7 722,315	97 336,738	12,605	12,134	83	84	26 708	44,923	175,513	3,907	3,436
34	35	97 777	7 142,160	89 614,422	12,547	12,076	84	85	22 934	35,717	130,590	3,656	3,185
35	36	97 662	6 605,298	82 472,263	12,486	12,015	85	86	19 239	27,743	94,873	3,420	2,949
36	37	97 539	6 108,308	75 866,965	12,420	11,949	86	87	15 723	20,994	67,130	3,198	2,727
37	38	97 408	5 648,298	69 758,656	12,350	11,879	87	88	12 486	15,437	46,136	2,989	2,518
38	39	97 254	5 221,629	64 110,358	12,278	11,807	88	89	9 599	10,988	30,699	2,794	2,323
39	40	97 092	4 826,776	58 888,729	12,200	11,729	89	90	7 113	7,540	19,711	2,614	2,143
40	41	96 917	4 461,198	54 061,953	12,118	11,647	90	91	5 063	4,969	12,171	2,449	1,978
41	42	96 726	4 122,572	49 600,755	12,032	11,560	91	92	3 449	3,134	7,202	2,298	1,827
42	43	96 520	3 809,079	45 478,184	11,939	11,468	92	93	2 244	1,889	4,068	2,154	1,683
43	44	96 293	3 518,645	41 669,105	11,842	11,371	93	94	1 375	1,071	2,179	2,034	1,563
44	45	96 052	3 249,831	38 150,460	11,739	11,268	94	95	801	0,578	1,108	1,917	1,446
45	46	95 769	3 000,232	34 900,629	11,633	11,162	95	96	437	0,292	0,530	1,816	1,345
46	47	95 465	2 769,175	31 900,397	11,520	11,049	96	97	222	0,137	0,238	1,738	1,267
47	48	95 126	2 554,958	29 131,222	11,402	10,931	97	98	105	0,060	0,101	1,678	1,207
48	49	94 750	2 356,338	26 576,264	11,279	10,808	98	99	48	0,025	0,041	1,606	1,135
49	50	94 333	2 172,197	24 219,926	11,150	10,679	99	100	20	0,010	0,015	1,544	1,073

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	2	99 675	99 674,746	1 329 463,877	13,338	12,867	50	52	93 677	1 997,312	21 891,566	10,961	10,489
1	3	99 307	91 951,241	1 229 789,131	13,374	12,903	51	53	93 148	1 838,915	19 894,254	10,818	10,347
2	4	99 270	85 107,726	1 137 837,890	13,369	12,898	52	54	92 565	1 692,040	18 055,339	10,671	10,200
3	5	99 245	78 783,609	1 052 730,164	13,362	12,891	53	55	91 915	1 555,710	16 363,298	10,518	10,047
4	6	99 225	72 933,342	973 946,555	13,354	12,883	54	56	91 187	1 429,052	14 807,589	10,362	9,891
5	7	99 206	67 517,704	901 013,213	13,345	12,874	55	57	90 377	1 311,454	13 378,536	10,201	9,730
6	8	99 191	62 507,209	833 495,509	13,334	12,863	56	58	89 490	1 202,393	12 067,082	10,036	9,565
7	9	99 175	57 867,751	770 988,300	13,323	12,852	57	59	88 514	1 101,182	10 864,689	9,866	9,395
8	10	99 161	53 573,358	713 120,549	13,311	12,840	58	60	87 452	1 007,374	9 763,507	9,692	9,221
9	11	99 146	49 597,818	659 547,191	13,298	12,827	59	61	86 281	920,264	8 756,133	9,515	9,044
10	12	99 131	45 916,680	609 949,373	13,284	12,813	60	62	85 024	839,680	7 835,869	9,332	8,861
11	13	99 115	42 508,738	564 032,693	13,269	12,798	61	63	83 671	765,115	6 996,189	9,144	8,673
12	14	99 098	39 353,188	521 523,955	13,252	12,781	62	64	82 207	696,044	6 231,074	8,952	8,481
13	15	99 082	36 432,269	482 170,767	13,235	12,764	63	65	80 619	632,031	5 535,029	8,758	8,286
14	16	99 061	33 726,244	445 738,498	13,216	12,745	64	66	78 938	573,015	4 902,999	8,556	8,085
15	17	99 032	31 219,170	412 012,254	13,197	12,726	65	67	77 131	518,425	4 329,984	8,352	7,881
16	18	99 003	28 898,082	380 793,085	13,177	12,706	66	68	75 222	468,139	3 811,559	8,142	7,671
17	19	98 959	26 745,591	351 895,003	13,157	12,686	67	69	73 198	421,803	3 343,420	7,926	7,455
18	20	98 915	24 753,305	325 149,412	13,136	12,665	68	70	71 050	379,098	2 921,617	7,707	7,236
19	21	98 859	22 906,709	300 396,107	13,114	12,643	69	71	68 810	339,947	2 542,519	7,479	7,008
20	22	98 803	21 197,985	277 489,398	13,090	12,619	70	72	66 435	303,902	2 202,572	7,248	6,777
21	23	98 744	19 616,094	256 291,414	13,065	12,594	71	73	63 991	271,040	1 898,670	7,005	6,534
22	24	98 686	18 152,421	236 675,320	13,038	12,567	72	74	61 390	240,761	1 627,630	6,760	6,289
23	25	98 624	16 797,150	218 522,899	13,010	12,538	73	75	58 716	213,216	1 386,870	6,505	6,033
24	26	98 565	15 543,589	201 725,749	12,978	12,507	74	76	55 931	188,059	1 173,654	6,241	5,770
25	27	98 499	14 382,671	186 182,160	12,945	12,474	75	77	53 024	165,078	985,594	5,970	5,499
26	28	98 435	13 308,592	171 799,489	12,909	12,438	76	78	50 022	144,196	820,516	5,690	5,219
27	29	98 367	12 314,213	158 490,897	12,871	12,400	77	79	46 840	125,023	676,321	5,410	4,939
28	30	98 296	11 393,834	146 176,684	12,829	12,358	78	80	43 522	107,562	551,298	5,125	4,654
29	31	98 217	10 541,387	134 782,850	12,786	12,315	79	81	40 029	91,600	443,735	4,844	4,373
30	32	98 135	9 752,389	124 241,463	12,740	12,269	80	82	36 387	77,098	352,135	4,567	4,096
31	33	98 046	9 021,828	114 489,074	12,690	12,219	81	83	32 638	64,033	275,038	4,295	3,824
32	34	97 951	8 345,392	105 467,245	12,638	12,167	82	84	28 801	52,318	211,005	4,033	3,562
33	35	97 849	7 719,180	97 121,854	12,582	12,111	83	85	24 968	41,996	158,687	3,779	3,308
34	36	97 737	7 139,216	89 402,673	12,523	12,052	84	86	21 188	32,998	116,691	3,536	3,065
35	37	97 617	6 602,270	82 263,457	12,460	11,989	85	87	17 561	25,325	83,692	3,305	2,834
36	38	97 492	6 105,409	75 661,188	12,392	11,921	86	88	14 152	18,896	58,368	3,089	2,618
37	39	97 350	5 644,890	69 555,779	12,322	11,851	87	89	11 060	13,674	39,472	2,887	2,416
38	40	97 196	5 218,490	63 910,888	12,247	11,776	88	90	8 356	9,565	25,798	2,697	2,226
39	41	97 025	4 823,467	58 692,398	12,168	11,697	89	91	6 064	6,428	16,233	2,526	2,054
40	42	96 846	4 457,895	53 868,932	12,084	11,613	90	92	4 214	4,136	9,806	2,371	1,900
41	43	96 649	4 119,299	49 411,036	11,995	11,524	91	93	2 802	2,547	5,670	2,226	1,755
42	44	96 432	3 805,620	45 291,737	11,901	11,430	92	94	1 775	1,494	3,123	2,091	1,619
43	45	96 200	3 515,230	41 486,117	11,802	11,331	93	95	1 059	0,825	1,629	1,975	1,504
44	46	95 941	3 246,087	37 970,887	11,697	11,226	94	96	599	0,432	0,804	1,863	1,392
45	47	95 652	2 996,579	34 724,800	11,588	11,117	95	97	312	0,208	0,372	1,787	1,316
46	48	95 334	2 765,381	31 728,222	11,473	11,002	96	98	155	0,096	0,164	1,707	1,236
47	49	94 975	2 550,885	28 962,841	11,354	10,883	97	99	72	0,041	0,068	1,641	1,170
48	50	94 584	2 352,219	26 411,956	11,229	10,757	98	100	32	0,017	0,027	1,575	1,104
49	51	94 158	2 168,171	24 059,737	11,097	10,626							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	3	99 662	99 662,364	1 329 082,080	13,336	12,865
1	4	99 297	91 941,758	1 229 419,716	13,372	12,901
2	5	99 260	85 099,583	1 137 477,958	13,366	12,895
3	6	99 236	78 776,591	1 052 378,375	13,359	12,888
4	7	99 216	72 926,890	973 601,784	13,350	12,879
5	8	99 201	67 514,568	900 674,894	13,340	12,869
6	9	99 184	62 502,853	833 160,326	13,330	12,859
7	10	99 169	57 864,211	770 657,473	13,318	12,847
8	11	99 155	53 570,224	712 793,262	13,306	12,835
9	12	99 139	49 593,983	659 223,038	13,292	12,821
10	13	99 123	45 913,074	609 629,055	13,278	12,807
11	14	99 106	42 504,733	563 715,981	13,262	12,791
12	15	99 089	39 349,559	521 211,248	13,246	12,775
13	16	99 070	36 427,836	481 861,689	13,228	12,757
14	17	99 046	33 721,278	445 433,852	13,209	12,738
15	18	99 019	31 214,919	411 712,574	13,190	12,719
16	19	98 984	28 892,388	380 497,656	13,169	12,698
17	20	98 942	26 740,916	351 605,267	13,149	12,678
18	21	98 896	24 748,728	324 864,351	13,127	12,655
19	22	98 842	22 902,931	300 115,623	13,104	12,633
20	23	98 787	21 194,534	277 212,691	13,079	12,608
21	24	98 726	19 612,563	256 018,158	13,054	12,583
22	25	98 669	18 149,155	236 405,594	13,026	12,555
23	26	98 605	16 793,954	218 256,439	12,996	12,525
24	27	98 546	15 540,664	201 462,485	12,964	12,493
25	28	98 478	14 379,576	185 921,821	12,930	12,459
26	29	98 412	13 305,455	171 542,245	12,893	12,422
27	30	98 341	12 311,027	158 236,789	12,853	12,382
28	31	98 265	11 390,221	145 925,763	12,811	12,340
29	32	98 186	10 538,077	134 535,542	12,767	12,296
30	33	98 101	9 749,048	123 997,464	12,719	12,248
31	34	98 011	9 018,577	114 248,417	12,668	12,197
32	35	97 911	8 342,004	105 229,840	12,614	12,143
33	36	97 808	7 715,999	96 887,836	12,557	12,086
34	37	97 692	7 135,943	89 171,837	12,496	12,025
35	38	97 570	6 599,136	82 035,894	12,431	11,960
36	39	97 433	6 101,726	75 436,759	12,363	11,892
37	40	97 291	5 641,497	69 335,033	12,290	11,819
38	41	97 129	5 214,912	63 693,536	12,214	11,743
39	42	96 954	4 819,896	58 478,624	12,133	11,662
40	43	96 769	4 454,357	53 658,728	12,046	11,575
41	44	96 561	4 115,559	49 204,371	11,956	11,485
42	45	96 339	3 801,926	45 088,812	11,859	11,388
43	46	96 089	3 511,180	41 286,886	11,759	11,288
44	47	95 824	3 242,134	37 775,706	11,651	11,180
45	48	95 521	2 992,473	34 533,572	11,540	11,069
46	49	95 182	2 760,973	31 541,100	11,424	10,953
47	50	94 809	2 546,426	28 780,127	11,302	10,831
48	51	94 409	2 347,860	26 233,701	11,173	10,702
49	52	93 956	2 163,525	23 885,841	11,040	10,569
50	53	93 459	1 992,652	21 722,316	10,901	10,430
51	54	92 909	1 834,194	19 729,663	10,757	10,286
52	55	92 297	1 687,152	17 895,470	10,607	10,136
53	56	91 617	1 550,661	16 208,317	10,453	9,981
54	57	90 860	1 423,941	14 657,657	10,294	9,823
55	58	90 023	1 306,308	13 233,716	10,131	9,660
56	59	89 101	1 197,163	11 927,408	9,963	9,492
57	60	88 098	1 096,000	10 730,245	9,790	9,319
58	61	86 990	1 002,059	9 634,245	9,614	9,143
59	62	85 790	915,032	8 632,186	9,434	8,963
60	63	84 502	834,529	7 717,154	9,247	8,776
61	64	83 106	759,951	6 882,626	9,057	8,586
62	65	81 593	690,843	6 122,674	8,863	8,392
63	66	79 976	626,993	5 431,831	8,663	8,192
64	67	78 246	567,994	4 804,838	8,459	7,988
65	68	76 400	513,509	4 236,844	8,251	7,780
66	69	74 434	463,240	3 723,335	8,038	7,567
67	70	72 353	416,929	3 260,095	7,819	7,348
68	71	70 155	374,322	2 843,166	7,596	7,124
69	72	67 867	335,289	2 468,844	7,363	6,892
70	73	65 451	299,400	2 133,555	7,126	6,655
71	74	62 941	266,590	1 834,155	6,880	6,409
72	75	60 294	236,465	1 567,565	6,629	6,158
73	76	57 586	209,116	1 331,100	6,365	5,894
74	77	54 725	184,004	1 121,984	6,098	5,627
75	78	51 762	161,150	937,981	5,821	5,350
76	79	48 649	140,238	776,831	5,539	5,068
77	80	45 369	121,095	636,593	5,257	4,786
78	81	41 936	103,640	515,498	4,974	4,503
79	82	38 321	87,691	411,857	4,697	4,226
80	83	34 590	73,291	324,166	4,423	3,952
81	84	30 787	60,401	250,876	4,153	3,682
82	85	26 924	48,909	190,474	3,894	3,423
83	86	23 067	38,799	141,565	3,649	3,178
84	87	19 341	30,122	102,766	3,412	2,941
85	88	15 806	22,793	72,645	3,187	2,716
86	89	12 536	16,738	49,851	2,978	2,507
87	90	9 628	11,903	33,113	2,782	2,311
88	91	7 123	8,155	21,211	2,601	2,130
89	92	5 048	5,350	13,056	2,440	1,969
90	93	3 424	3,360	7,706	2,293	1,822
91	94	2 217	2,014	4,345	2,157	1,686
92	95	1 367	1,150	2,331	2,027	1,556
93	96	791	0,616	1,181	1,916	1,445
94	97	428	0,308	0,565	1,831	1,360
95	98	219	0,146	0,256	1,753	1,282
96	99	107	0,066	0,110	1,669	1,198
97	100	48	0,027	0,044	1,608	1,137

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 652	99 652,086	1 328 677,455	13,333	12,862
1	5	99 288	91 932,961	1 229 025,369	13,369	12,898
2	6	99 251	85 092,002	1 137 092,409	13,363	12,892
3	7	99 227	78 769,622	1 052 000,407	13,355	12,884
4	8	99 212	72 923,502	973 230,784	13,346	12,875
5	9	99 194	67 509,863	900 307,282	13,336	12,865
6	10	99 178	62 499,030	832 797,419	13,325	12,854
7	11	99 163	57 860,826	770 298,389	13,313	12,842
8	12	99 147	53 566,082	712 437,563	13,300	12,829
9	13	99 131	49 590,088	658 871,481	13,286	12,815
10	14	99 114	45 908,749	609 281,393	13,272	12,801
11	15	99 097	42 500,813	563 372,644	13,256	12,785
12	16	99 077	39 344,772	520 871,831	13,239	12,768
13	17	99 055	36 422,472	481 527,059	13,221	12,750
14	18	99 032	33 716,686	445 104,586	13,201	12,730
15	19	98 999	31 208,769	411 387,900	13,182	12,711
16	20	98 966	28 887,338	380 179,131	13,161	12,690
17	21	98 924	26 735,972	351 291,793	13,139	12,668
18	22	98 880	24 744,647	324 555,820	13,116	12,645
19	23	98 826	22 899,203	299 811,173	13,093	12,622
20	24	98 769	21 190,719	276 911,971	13,068	12,597
21	25	98 709	19 609,034	255 721,251	13,041	12,570
22	26	98 650	18 145,703	236 112,217	13,012	12,541
23	27	98 587	16 790,794	217 966,514	12,981	12,510
24	28	98 525	15 537,320	201 175,720	12,948	12,477
25	29	98 455	14 376,188	185 638,400	12,913	12,442
26	30	98 386	13 302,012	171 262,213	12,875	12,404
27	31	98 310	12 307,122	157 960,200	12,835	12,364
28	32	98 234	11 386,644	145 653,078	12,792	12,321
29	33	98 153	10 534,467	134 266,434	12,745	12,274
30	34	98 066	9 745,535	123 731,967	12,696	12,225
31	35	97 971	9 014,916	113 986,432	12,644	12,173
32	36	97 870	8 338,566	104 971,516	12,589	12,118
33	37	97 764	7 712,461	96 632,951	12,529	12,058
34	38	97 646	7 132,556	88 920,490	12,467	11,996
35	39	97 512	6 595,155	81 787,934	12,401	11,930
36	40	97 375	6 098,058	75 192,779	12,331	11,860
37	41	97 224	5 637,629	69 094,721	12,256	11,785
38	42	97 057	5 211,051	63 457,093	12,177	11,706
39	43	96 877	4 816,070	58 246,041	12,094	11,623
40	44	96 681	4 450,312	53 429,971	12,006	11,535
41	45	96 468	4 111,564	48 979,659	11,913	11,442
42	46	96 228	3 797,546	44 868,095	11,815	11,344
43	47	95 972	3 506,905	41 070,550	11,711	11,240
44	48	95 693	3 237,692	37 563,645	11,602	11,131
45	49	95 369	2 987,702	34 325,953	11,489	11,018
46	50	95 016	2 756,146	31 338,251	11,370	10,899
47	51	94 633	2 541,707	28 582,104	11,245	10,774
48	52	94 206	2 342,829	26 040,397	11,115	10,644
49	53	93 737	2 158,478	23 697,569	10,979	10,508
50	54	93 219	1 987,536	21 539,091	10,837	10,366
51	55	92 640	1 828,895	19 551,555	10,690	10,219
52	56	91 998	1 681,677	17 722,659	10,539	10,068
53	57	91 289	1 545,114	16 040,983	10,382	9,911
54	58	90 504	1 418,353	14 495,869	10,220	9,749
55	59	89 631	1 300,626	13 077,516	10,055	9,584
56	60	88 682	1 191,529	11 776,890	9,884	9,413
57	61	87 633	1 090,217	10 585,361	9,709	9,238
58	62	86 496	996,361	9 495,143	9,530	9,059
59	63	85 264	909,419	8 498,782	9,345	8,874
60	64	83 932	828,897	7 589,363	9,156	8,685
61	65	82 485	754,273	6 760,466	8,963	8,492
62	66	80 943	685,337	6 006,194	8,764	8,293
63	67	79 275	621,500	5 320,857	8,561	8,090
64	68	77 504	562,608	4 699,358	8,353	7,882
65	69	75 600	508,135	4 136,749	8,141	7,670
66	70	73 574	457,887	3 628,615	7,925	7,454
67	71	71 441	411,676	3 170,728	7,702	7,231
68	72	69 194	369,193	2 759,051	7,473	7,002
69	73	66 862	330,322	2 389,858	7,235	6,764
70	74	64 376	294,485	2 059,536	6,994	6,523
71	75	61 818	261,833	1 765,051	6,741	6,270
72	76	59 135	231,917	1 503,218	6,482	6,011
73	77	56 345	204,606	1 271,300	6,213	5,742
74	78	53 423	179,625	1 066,695	5,938	5,467
75	79	50 341	156,726	887,069	5,660	5,189
76	80	47 120	135,832	730,343	5,377	4,906
77	81	43 715	116,680	594,511	5,095	4,624
78	82	40 146	99,218	477,831	4,816	4,345
79	83	36 428	83,361	378,613	4,542	4,071
80	84	32 628	69,134	295,252	4,271	3,800
81	85	28 781	56,465	226,118	4,005	3,533
82	86	24 874	45,186	169,652	3,755	3,284
83	87	21 056	35,416	124,466	3,514	3,043
84	88	17 408	27,111	89,050	3,285	2,814
85	89	14 001	20,190	61,939	3,068	2,597
86	90	10 912	14,570	41,749	2,865	2,394
87	91	8 208	10,147	27,179	2,678	2,207
88	92	5 929	6,788	17,031	2,509	2,038
89	93	4 101	4,347	10,244	2,356	1,885
90	94	2 708	2,658	5,897	2,218	1,747
91	95	1 707	1,551	3,238	2,088	1,617
92	96	1 021	0,859	1,688	1,964	1,493
93	97	565	0,440	0,828	1,881	1,410
94	98	300	0,216	0,388	1,795	1,324
95	99	150	0,100	0,172	1,712	1,241
96	100	71	0,044	0,071	1,633	1,162

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 643	99 642,551	1 328 245,667	13,330	12,859
1	6	99 279	91 924,771	1 228 603,116	13,365	12,894
2	7	99 243	85 084,475	1 136 678,345	13,359	12,888
3	8	99 222	78 765,963	1 051 593,870	13,351	12,880
4	9	99 205	72 918,421	972 827,907	13,341	12,870
5	10	99 188	67 505,733	899 909,487	13,331	12,860
6	11	99 172	62 495,374	832 403,753	13,319	12,848
7	12	99 156	57 856,352	769 908,379	13,307	12,836
8	13	99 139	53 561,876	712 052,027	13,294	12,823
9	14	99 121	49 585,416	658 490,152	13,280	12,809
10	15	99 104	45 904,516	608 904,735	13,265	12,794
11	16	99 084	42 495,642	563 000,220	13,248	12,777
12	17	99 062	39 338,978	520 504,577	13,231	12,760
13	18	99 042	36 417,513	481 165,599	13,212	12,741
14	19	99 013	33 710,044	444 748,086	13,193	12,722
15	20	98 982	31 203,314	411 038,042	13,173	12,702
16	21	98 948	28 881,998	379 834,728	13,151	12,680
17	22	98 907	26 731,564	350 952,731	13,129	12,658
18	23	98 864	24 740,619	324 221,167	13,105	12,634
19	24	98 808	22 895,081	299 480,548	13,081	12,610
20	25	98 751	21 186,906	276 585,467	13,055	12,584
21	26	98 690	19 605,304	255 398,560	13,027	12,556
22	27	98 631	18 142,288	235 793,256	12,997	12,526
23	28	98 565	16 787,181	217 650,968	12,965	12,494
24	29	98 502	15 533,659	200 863,788	12,931	12,460
25	30	98 429	14 372,467	185 330,129	12,895	12,424
26	31	98 355	13 297,794	170 957,661	12,856	12,385
27	32	98 279	12 303,258	157 659,867	12,814	12,343
28	33	98 200	11 382,743	145 356,609	12,770	12,299
29	34	98 117	10 530,671	133 973,867	12,722	12,251
30	35	98 026	9 741,578	123 443,196	12,672	12,201
31	36	97 931	9 011,201	113 701,618	12,618	12,147
32	37	97 826	8 334,742	104 690,417	12,561	12,090
33	38	97 717	7 708,800	96 355,675	12,499	12,028
34	39	97 587	7 128,253	88 646,875	12,436	11,965
35	40	97 453	6 591,190	81 518,622	12,368	11,897
36	41	97 308	6 093,876	74 927,432	12,296	11,824
37	42	97 152	5 633,455	68 833,555	12,219	11,748
38	43	96 980	5 206,915	63 200,100	12,138	11,667
39	44	96 789	4 811,697	57 993,185	12,053	11,581
40	45	96 587	4 445,992	53 181,488	11,962	11,491
41	46	96 356	4 106,827	48 735,495	11,867	11,396
42	47	96 111	3 792,922	44 628,669	11,766	11,295
43	48	95 841	3 502,099	40 835,747	11,660	11,189
44	49	95 541	3 232,531	37 333,647	11,549	11,078
45	50	95 202	2 982,480	34 101,117	11,434	10,963
46	51	94 840	2 751,038	31 118,637	11,312	10,841
47	52	94 430	2 536,261	28 367,599	11,185	10,714
48	53	93 987	2 337,363	25 831,338	11,051	10,580
49	54	93 496	2 152,936	23 493,974	10,913	10,441
50	55	92 949	1 981,795	21 341,039	10,769	10,297
51	56	92 340	1 822,959	19 359,244	10,620	10,149
52	57	91 669	1 675,661	17 536,285	10,465	9,994
53	58	90 931	1 539,051	15 860,623	10,305	9,834
54	59	90 110	1 412,184	14 321,572	10,141	9,670
55	60	89 209	1 294,505	12 909,388	9,972	9,501
56	61	88 214	1 185,242	11 614,883	9,800	9,329
57	62	87 135	1 084,019	10 429,641	9,621	9,150
58	63	85 965	990,249	9 345,622	9,438	8,967
59	64	84 689	903,281	8 355,373	9,250	8,779
60	65	83 304	822,703	7 452,092	9,058	8,587
61	66	81 828	748,261	6 629,389	8,860	8,389
62	67	80 233	679,332	5 881,129	8,657	8,186
63	68	78 524	615,606	5 201,797	8,450	7,979
64	69	76 693	556,720	4 586,191	8,238	7,767
65	70	74 727	502,263	4 029,471	8,023	7,552
66	71	72 647	452,118	3 527,207	7,802	7,330
67	72	70 462	406,036	3 075,089	7,573	7,102
68	73	68 169	363,724	2 669,053	7,338	6,867
69	74	65 764	324,899	2 305,329	7,096	6,624
70	75	63 228	289,231	1 980,430	6,847	6,376
71	76	60 629	256,798	1 691,199	6,586	6,115
72	77	57 860	226,916	1 434,401	6,321	5,850
73	78	55 004	199,737	1 207,485	6,045	5,574
74	79	51 956	174,695	1 007,749	5,769	5,298
75	80	48 760	151,803	833,054	5,488	5,017
76	81	45 402	130,880	681,251	5,205	4,734
77	82	41 849	111,701	550,371	4,927	4,456
78	83	38 164	94,318	438,670	4,651	4,180
79	84	34 362	78,633	344,352	4,379	3,908
80	85	30 502	64,629	265,718	4,111	3,640
81	86	26 590	52,167	201,089	3,855	3,384
82	87	22 706	41,246	148,922	3,611	3,139
83	88	18 952	31,877	107,676	3,378	2,907
84	89	15 420	24,015	75,799	3,156	2,685
85	90	12 188	17,575	51,784	2,946	2,475
86	91	9 303	12,421	34,209	2,754	2,283
87	92	6 832	8,446	21,787	2,579	2,108
88	93	4 818	5,515	13,341	2,419	1,948
89	94	3 244	3,439	7,826	2,276	1,805
90	95	2 085	2,046	4,387	2,144	1,673
91	96	1 275	1,159	2,341	2,020	1,549
92	97	730	0,614	1,182	1,926	1,455
93	98	396	0,309	0,568	1,842	1,371
94	99	206	0,149	0,260	1,750	1,279
95	100	100	0,067	0,111	1,673	1,202

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	6	99 634	99 633,675	1 327 783,517	13,327	12,856
1	7	99 270	91 916,640	1 228 149,843	13,362	12,891
2	8	99 238	85 080,522	1 136 233,203	13,355	12,884
3	9	99 216	78 760,474	1 051 152,681	13,346	12,875
4	10	99 199	72 913,960	972 392,207	13,336	12,865
5	11	99 182	67 501,785	899 478,247	13,325	12,854
6	12	99 165	62 490,541	831 976,462	13,314	12,843
7	13	99 148	57 851,809	769 485,921	13,301	12,830
8	14	99 130	53 556,829	711 634,112	13,287	12,816
9	15	99 112	49 580,844	658 077,282	13,273	12,802
10	16	99 092	45 898,931	608 496,438	13,257	12,786
11	17	99 070	42 489,385	562 597,508	13,241	12,770
12	18	99 049	39 333,622	520 108,123	13,223	12,752
13	19	99 022	36 410,338	480 774,501	13,204	12,733
14	20	98 996	33 704,151	444 364,162	13,184	12,713
15	21	98 964	31 197,545	410 660,011	13,163	12,692
16	22	98 932	28 877,235	379 462,466	13,141	12,669
17	23	98 891	26 727,212	350 585,231	13,117	12,646
18	24	98 846	24 736,166	323 858,019	13,092	12,621
19	25	98 791	22 890,962	299 121,853	13,067	12,596
20	26	98 732	21 182,876	276 230,891	13,040	12,569
21	27	98 671	19 601,615	255 048,015	13,012	12,541
22	28	98 610	18 138,384	235 446,401	12,981	12,510
23	29	98 542	16 783,225	217 308,017	12,948	12,477
24	30	98 476	15 529,639	200 524,792	12,912	12,441
25	31	98 398	14 367,909	184 995,153	12,876	12,405
26	32	98 324	13 293,619	170 627,243	12,835	12,364
27	33	98 246	12 299,042	157 333,625	12,792	12,321
28	34	98 165	11 378,641	145 034,582	12,746	12,275
29	35	98 077	10 526,395	133 655,941	12,697	12,226
30	36	97 986	9 737,563	123 129,546	12,645	12,174
31	37	97 886	9 007,069	113 391,982	12,589	12,118
32	38	97 779	8 330,786	104 384,913	12,530	12,059
33	39	97 658	7 704,150	96 054,127	12,468	11,997
34	40	97 528	7 123,968	88 349,977	12,402	11,931
35	41	97 386	6 586,671	81 226,010	12,332	11,861
36	42	97 236	6 089,365	74 639,339	12,257	11,786
37	43	97 075	5 628,984	68 549,974	12,178	11,707
38	44	96 892	5 202,187	62 920,990	12,095	11,624
39	45	96 695	4 807,027	57 718,803	12,007	11,536
40	46	96 476	4 440,870	52 911,776	11,915	11,444
41	47	96 239	4 101,827	48 470,907	11,817	11,346
42	48	95 979	3 787,724	44 369,080	11,714	11,243
43	49	95 688	3 496,517	40 581,355	11,606	11,135
44	50	95 374	3 226,880	37 084,839	11,492	11,021
45	51	95 026	2 976,953	33 857,959	11,373	10,902
46	52	94 636	2 745,144	30 881,006	11,249	10,778
47	53	94 210	2 530,344	28 135,862	11,119	10,648
48	54	93 745	2 331,362	25 605,518	10,983	10,512
49	55	93 226	2 146,717	23 274,157	10,842	10,371
50	56	92 648	1 975,363	21 127,440	10,695	10,224
51	57	92 009	1 816,439	19 152,077	10,544	10,073
52	58	91 309	1 669,086	17 335,639	10,386	9,915
53	59	90 536	1 532,357	15 666,553	10,224	9,753
54	60	89 686	1 405,538	14 134,196	10,056	9,585
55	61	88 739	1 287,675	12 728,658	9,885	9,414
56	62	87 712	1 178,503	11 440,983	9,708	9,237
57	63	86 600	1 077,369	10 262,480	9,526	9,054
58	64	85 385	983,566	9 185,111	9,339	8,868
59	65	84 056	896,531	8 201,545	9,148	8,677
60	66	82 640	816,145	7 305,014	8,951	8,480
61	67	81 111	741,704	6 488,868	8,749	8,278
62	68	79 473	672,890	5 747,164	8,541	8,070
63	69	77 702	609,164	5 074,274	8,330	7,859
64	70	75 807	550,288	4 465,110	8,114	7,643
65	71	73 785	495,936	3 914,823	7,894	7,423
66	72	71 652	445,923	3 418,887	7,667	7,196
67	73	69 418	400,021	2 972,964	7,432	6,961
68	74	67 050	357,753	2 572,943	7,192	6,721
69	75	64 591	319,102	2 215,190	6,942	6,471
70	76	62 012	283,668	1 896,088	6,684	6,213
71	77	59 321	251,260	1 612,419	6,417	5,946
72	78	56 483	221,516	1 361,160	6,145	5,674
73	79	53 494	194,254	1 139,644	5,867	5,396
74	80	50 324	169,207	945,389	5,587	5,116
75	81	46 982	146,268	776,182	5,307	4,836
76	82	43 465	125,295	629,914	5,027	4,556
77	83	39 783	106,185	504,620	4,752	4,281
78	84	35 999	88,970	398,435	4,478	4,007
79	85	32 123	73,509	309,465	4,210	3,739
80	86	28 180	59,709	235,955	3,952	3,481
81	87	24 272	47,619	176,246	3,701	3,230
82	88	20 436	37,124	128,627	3,465	2,994
83	89	16 787	28,236	91,503	3,241	2,770
84	90	13 423	20,905	63,267	3,026	2,555
85	91	10 390	14,983	42,362	2,827	2,356
86	92	7 743	10,339	27,379	2,648	2,177
87	93	5 551	6,863	17,040	2,483	2,012
88	94	3 811	4,362	10,177	2,333	1,862
89	95	2 497	2,647	5,815	2,197	1,725
90	96	1 558	1,529	3,167	2,071	1,600
91	97	911	0,828	1,638	1,979	1,508
92	98	511	0,430	0,811	1,884	1,413
93	99	272	0,212	0,380	1,793	1,322
94	100	136	0,098	0,168	1,708	1,237

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 625	99 624,861	1 327 287,659	13,323	12,852
1	8	99 265	91 912,370	1 227 662,798	13,357	12,886
2	9	99 231	85 074,593	1 135 750,428	13,350	12,879
3	10	99 209	78 755,656	1 050 675,835	13,341	12,870
4	11	99 193	72 909,695	971 920,179	13,330	12,859
5	12	99 175	67 496,565	899 010,484	13,319	12,848
6	13	99 157	62 485,634	831 513,919	13,307	12,836
7	14	99 138	57 846,359	769 028,285	13,294	12,823
8	15	99 121	53 551,891	711 181,926	13,280	12,809
9	16	99 100	49 574,812	657 630,035	13,265	12,794
10	17	99 078	45 892,172	608 055,223	13,250	12,779
11	18	99 056	42 483,600	562 163,051	13,232	12,761
12	19	99 029	39 325,872	519 679,452	13,215	12,744
13	20	99 005	36 403,974	480 353,579	13,195	12,724
14	21	98 977	33 697,920	443 949,605	13,174	12,703
15	22	98 948	31 192,401	410 251,685	13,152	12,681
16	23	98 916	28 872,534	379 059,284	13,129	12,658
17	24	98 873	26 722,402	350 186,751	13,105	12,634
18	25	98 828	24 731,715	323 464,349	13,079	12,608
19	26	98 772	22 886,607	298 732,634	13,053	12,582
20	27	98 714	21 178,889	275 846,026	13,025	12,554
21	28	98 650	19 597,397	254 667,137	12,995	12,524
22	29	98 587	18 134,110	235 069,740	12,963	12,492
23	30	98 517	16 778,882	216 935,630	12,929	12,458
24	31	98 445	15 524,714	200 156,748	12,893	12,422
25	32	98 367	14 363,398	184 632,034	12,854	12,383
26	33	98 291	13 289,064	170 268,636	12,813	12,342
27	34	98 210	12 294,611	156 979,572	12,768	12,297
28	35	98 125	11 374,022	144 684,962	12,721	12,250
29	36	98 037	10 522,057	133 310,940	12,670	12,199
30	37	97 941	9 733,099	122 788,883	12,616	12,145
31	38	97 839	9 002,794	113 055,784	12,558	12,087
32	39	97 720	8 325,761	104 052,991	12,498	12,027
33	40	97 599	7 699,519	95 727,230	12,433	11,962
34	41	97 461	7 119,083	88 027,712	12,365	11,894
35	42	97 314	6 581,795	80 908,629	12,293	11,822
36	43	97 159	6 084,532	74 326,834	12,216	11,745
37	44	96 987	5 623,872	68 242,302	12,134	11,663
38	45	96 798	5 197,138	62 618,430	12,049	11,578
39	46	96 583	4 801,488	57 421,292	11,959	11,488
40	47	96 358	4 435,463	52 619,804	11,863	11,392
41	48	96 107	4 096,206	48 184,341	11,763	11,292
42	49	95 826	3 781,687	44 088,135	11,658	11,187
43	50	95 521	3 490,405	40 306,449	11,548	11,077
44	51	95 197	3 220,900	36 816,044	11,430	10,959
45	52	94 822	2 970,574	33 595,144	11,309	10,838
46	53	94 416	2 738,740	30 624,570	11,182	10,711
47	54	93 968	2 523,847	27 885,831	11,049	10,578
48	55	93 475	2 324,627	25 361,984	10,910	10,439
49	56	92 924	2 139,750	23 037,357	10,766	10,295
50	57	92 316	1 968,297	20 897,607	10,617	10,146
51	58	91 648	1 809,311	18 929,311	10,462	9,991
52	59	90 912	1 661,826	17 120,000	10,302	9,831
53	60	90 109	1 525,145	15 458,173	10,136	9,664
54	61	89 213	1 398,122	13 933,028	9,966	9,494
55	62	88 234	1 280,354	12 534,906	9,790	9,319
56	63	87 174	1 171,274	11 254,552	9,609	9,138
57	64	86 016	1 070,098	10 083,279	9,423	8,952
58	65	84 747	976,216	9 013,181	9,233	8,762
59	66	83 386	889,386	8 036,965	9,037	8,565
60	67	81 916	808,994	7 147,579	8,835	8,364
61	68	80 342	734,671	6 338,585	8,628	8,157
62	69	78 641	665,848	5 603,914	8,416	7,945
63	70	76 804	602,125	4 938,066	8,201	7,730
64	71	74 852	543,355	4 335,941	7,980	7,509
65	72	72 774	489,140	3 792,586	7,754	7,283
66	73	70 591	439,318	3 303,446	7,519	7,048
67	74	68 279	393,454	2 864,128	7,279	6,808
68	75	65 854	351,370	2 470,674	7,032	6,561
69	76	63 348	312,965	2 119,305	6,772	6,301
70	77	60 674	277,551	1 806,339	6,508	6,037
71	78	57 910	245,281	1 528,789	6,233	5,762
72	79	54 932	215,436	1 283,508	5,958	5,487
73	80	51 814	188,152	1 068,072	5,677	5,206
74	81	48 489	163,037	879,920	5,397	4,926
75	82	44 977	140,026	716,883	5,120	4,649
76	83	41 319	119,108	576,857	4,843	4,372
77	84	37 526	100,163	457,749	4,570	4,099
78	85	33 653	83,172	357,586	4,299	3,828
79	86	29 678	67,914	274,414	4,041	3,570
80	87	25 723	54,504	206,500	3,789	3,318
81	88	21 846	42,860	151,996	3,546	3,075
82	89	18 102	32,884	109,136	3,319	2,848
83	90	14 613	24,579	76,252	3,102	2,631
84	91	11 443	17,822	51,673	2,899	2,428
85	92	8 649	12,472	33,851	2,714	2,243
86	93	6 291	8,400	21,379	2,545	2,074
87	94	4 391	5,429	12,979	2,391	1,920
88	95	2 934	3,358	7,550	2,248	1,777
89	96	1 866	1,978	4,192	2,119	1,648
90	97	1 113	1,092	2,214	2,027	1,556
91	98	639	0,580	1,122	1,933	1,462
92	99	351	0,296	0,541	1,832	1,361
93	100	180	0,141	0,246	1,749	1,278

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 620	99 620,233	1 326 755,152	13,318	12,847
1	9	99 258	91 905,965	1 227 134,919	13,352	12,881
2	10	99 225	85 069,389	1 135 228,954	13,345	12,874
3	11	99 204	78 751,050	1 050 159,565	13,335	12,864
4	12	99 185	72 904,057	971 408,516	13,324	12,853
5	13	99 167	67 491,265	898 504,459	13,313	12,842
6	14	99 148	62 479,747	831 013,194	13,301	12,829
7	15	99 129	57 841,025	768 533,447	13,287	12,816
8	16	99 109	53 545,376	710 692,422	13,273	12,802
9	17	99 086	49 567,512	657 147,046	13,258	12,787
10	18	99 064	45 885,923	607 579,534	13,241	12,770
11	19	99 037	42 475,230	561 693,611	13,224	12,753
12	20	99 012	39 318,999	519 218,381	13,205	12,734
13	21	98 987	36 397,244	479 899,382	13,185	12,714
14	22	98 961	33 692,363	443 502,139	13,163	12,692
15	23	98 931	31 187,322	409 809,775	13,140	12,669
16	24	98 898	28 867,338	378 622,453	13,116	12,645
17	25	98 856	26 717,593	349 755,115	13,091	12,620
18	26	98 810	24 727,011	323 037,522	13,064	12,593
19	27	98 753	22 882,300	298 310,511	13,037	12,566
20	28	98 693	21 174,332	275 428,211	13,008	12,537
21	29	98 627	19 592,779	254 253,879	12,977	12,506
22	30	98 561	18 129,417	234 661,100	12,944	12,473
23	31	98 485	16 773,561	216 531,683	12,909	12,438
24	32	98 414	15 519,840	199 758,122	12,871	12,400
25	33	98 334	14 358,477	184 238,283	12,831	12,360
26	34	98 255	13 284,275	169 879,806	12,788	12,317
27	35	98 170	12 289,619	156 595,531	12,742	12,271
28	36	98 084	11 369,334	144 305,912	12,693	12,222
29	37	97 992	10 517,233	132 936,577	12,640	12,169
30	38	97 894	9 728,479	122 419,345	12,584	12,113
31	39	97 780	8 997,363	112 690,866	12,525	12,054
32	40	97 661	8 320,756	103 693,504	12,462	11,991
33	41	97 533	7 694,239	95 372,748	12,395	11,924
34	42	97 389	7 113,813	87 678,509	12,325	11,854
35	43	97 237	6 576,571	80 564,696	12,250	11,779
36	44	97 071	6 079,007	73 988,125	12,171	11,700
37	45	96 893	5 618,414	67 909,119	12,087	11,616
38	46	96 687	5 191,149	62 290,705	11,999	11,528
39	47	96 466	4 795,642	57 099,555	11,907	11,436
40	48	96 226	4 429,385	52 303,913	11,808	11,337
41	49	95 954	4 089,676	47 874,529	11,706	11,235
42	50	95 658	3 775,076	43 784,852	11,598	11,127
43	51	95 344	3 483,936	40 009,776	11,484	11,013
44	52	94 993	3 213,998	36 525,840	11,365	10,894
45	53	94 601	2 963,644	33 311,841	11,240	10,769
46	54	94 173	2 731,707	30 348,198	11,110	10,639
47	55	93 696	2 516,556	27 616,491	10,974	10,503
48	56	93 171	2 317,083	25 099,934	10,833	10,362
49	57	92 591	2 132,096	22 782,852	10,686	10,215
50	58	91 954	1 960,573	20 650,756	10,533	10,062
51	59	91 250	1 801,441	18 690,183	10,375	9,904
52	60	90 484	1 654,005	16 888,742	10,211	9,740
53	61	89 634	1 517,098	15 234,736	10,042	9,571
54	62	88 706	1 390,173	13 717,638	9,868	9,397
55	63	87 693	1 272,499	12 327,465	9,688	9,217
56	64	86 586	1 163,369	11 054,966	9,503	9,031
57	65	85 373	1 062,101	9 891,597	9,313	8,842
58	66	84 071	968,435	8 829,496	9,117	8,646
59	67	82 655	881,593	7 861,060	8,917	8,446
60	68	81 140	801,323	6 979,468	8,710	8,239
61	69	79 501	726,983	6 178,145	8,498	8,027
62	70	77 732	658,154	5 451,162	8,283	7,811
63	71	75 836	594,539	4 793,008	8,062	7,591
64	72	73 826	535,910	4 198,469	7,834	7,363
65	73	71 696	481,894	3 662,559	7,600	7,129
66	74	69 432	432,106	3 180,665	7,361	6,890
67	75	67 060	386,433	2 748,559	7,113	6,642
68	76	64 587	344,612	2 362,126	6,854	6,383
69	77	61 982	306,216	2 017,513	6,589	6,117
70	78	59 231	270,946	1 711,297	6,316	5,845
71	79	56 320	238,548	1 440,351	6,038	5,567
72	80	53 207	208,668	1 201,803	5,759	5,288
73	81	49 924	181,292	993,135	5,478	5,007
74	82	46 420	156,080	811,843	5,201	4,730
75	83	42 756	133,112	655,763	4,926	4,455
76	84	38 975	112,353	522,652	4,652	4,181
77	85	35 081	93,636	410,299	4,382	3,911
78	86	31 092	76,841	316,662	4,121	3,650
79	87	27 091	61,993	239,822	3,869	3,397
80	88	23 152	49,057	177,829	3,625	3,154
81	89	19 351	37,965	128,772	3,392	2,921
82	90	15 758	28,625	90,807	3,172	2,701
83	91	12 458	20,954	62,182	2,967	2,496
84	92	9 525	14,834	41,228	2,779	2,308
85	93	7 027	10,133	26,394	2,605	2,134
86	94	4 977	6,645	16,260	2,447	1,976
87	95	3 380	4,179	9,615	2,301	1,830
88	96	2 192	2,509	5,436	2,166	1,695
89	97	1 333	1,413	2,927	2,071	1,600
90	98	780	0,766	1,514	1,977	1,506
91	99	439	0,399	0,748	1,877	1,406
92	100	233	0,196	0,350	1,784	1,313

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	9	99 613	99 613,291	1 326 178,362	13,313	12,842
1	10	99 252	91 900,343	1 226 565,071	13,347	12,876
2	11	99 219	85 064,413	1 134 664,729	13,339	12,868
3	12	99 196	78 744,960	1 049 600,316	13,329	12,858
4	13	99 177	72 898,332	970 855,356	13,318	12,847
5	14	99 157	67 484,906	897 957,023	13,306	12,835
6	15	99 138	62 473,986	830 472,117	13,293	12,822
7	16	99 117	57 833,987	767 998,131	13,279	12,808
8	17	99 094	53 537,491	710 164,144	13,265	12,794
9	18	99 072	49 560,763	656 626,652	13,249	12,778
10	19	99 045	45 876,883	607 065,890	13,233	12,761
11	20	99 020	42 467,805	561 189,007	13,214	12,743
12	21	98 994	39 311,729	518 721,201	13,195	12,724
13	22	98 970	36 391,242	479 409,472	13,174	12,703
14	23	98 945	33 686,878	443 018,230	13,151	12,680
15	24	98 914	31 181,710	409 331,352	13,127	12,656
16	25	98 880	28 862,143	378 149,642	13,102	12,631
17	26	98 837	26 712,511	349 287,499	13,076	12,605
18	27	98 791	24 722,357	322 574,988	13,048	12,577
19	28	98 732	22 877,376	297 852,631	13,020	12,548
20	29	98 669	21 169,343	274 975,254	12,989	12,518
21	30	98 601	19 587,709	253 805,912	12,957	12,486
22	31	98 530	18 123,668	234 218,203	12,923	12,452
23	32	98 454	16 768,294	216 094,535	12,887	12,416
24	33	98 380	15 514,522	199 326,241	12,848	12,377
25	34	98 298	14 353,303	183 811,719	12,806	12,335
26	35	98 215	13 278,882	169 458,416	12,761	12,290
27	36	98 130	12 284,554	156 179,535	12,713	12,242
28	37	98 039	11 364,121	143 894,980	12,662	12,191
29	38	97 945	10 512,241	132 530,859	12,607	12,136
30	39	97 835	9 722,610	122 018,618	12,550	12,079
31	40	97 722	8 991,954	112 296,009	12,488	12,017
32	41	97 594	8 315,050	103 304,055	12,424	11,953
33	42	97 460	7 688,543	94 989,005	12,355	11,884
34	43	97 312	7 108,166	87 300,461	12,282	11,811
35	44	97 149	6 570,599	80 192,295	12,205	11,734
36	45	96 976	6 073,107	73 621,696	12,123	11,652
37	46	96 781	5 611,940	67 548,590	12,037	11,566
38	47	96 569	5 184,829	61 936,650	11,946	11,475
39	48	96 334	4 789,071	56 751,821	11,850	11,379
40	49	96 073	4 422,324	51 962,750	11,750	11,279
41	50	95 786	4 082,527	47 540,426	11,645	11,174
42	51	95 481	3 768,080	43 457,899	11,533	11,062
43	52	95 139	3 476,471	39 689,819	11,417	10,946
44	53	94 771	3 206,500	36 213,347	11,294	10,823
45	54	94 358	2 956,034	33 006,847	11,166	10,695
46	55	93 901	2 723,816	30 050,813	11,033	10,562
47	56	93 392	2 508,389	27 326,997	10,894	10,423
48	57	92 838	2 308,794	24 818,608	10,750	10,279
49	58	92 228	2 123,729	22 509,814	10,599	10,128
50	59	91 554	1 952,046	20 386,084	10,443	9,972
51	60	90 820	1 792,963	18 434,039	10,281	9,810
52	61	90 007	1 645,279	16 641,075	10,114	9,643
53	62	89 124	1 508,472	14 995,797	9,941	9,470
54	63	88 162	1 381,645	13 487,324	9,762	9,291
55	64	87 101	1 263,912	12 105,680	9,578	9,107
56	65	85 939	1 154,676	10 841,768	9,389	8,918
57	66	84 692	1 053,636	9 687,093	9,194	8,723
58	67	83 335	959,950	8 633,457	8,994	8,523
59	68	81 871	873,233	7 673,507	8,787	8,316
60	69	80 290	792,937	6 800,274	8,576	8,105
61	70	78 582	718,583	6 007,337	8,360	7,889
62	71	76 753	649,862	5 288,755	8,138	7,667
63	72	74 797	586,393	4 638,892	7,911	7,440
64	73	72 733	527,971	4 052,500	7,676	7,205
65	74	70 519	473,984	3 524,529	7,436	6,965
66	75	68 193	424,396	3 050,545	7,188	6,717
67	76	65 771	379,002	2 626,150	6,929	6,458
68	77	63 194	337,180	2 247,148	6,665	6,193
69	78	60 507	298,929	1 909,967	6,389	5,918
70	79	57 605	263,509	1 611,038	6,114	5,643
71	80	54 551	231,054	1 347,529	5,832	5,361
72	81	51 267	201,060	1 116,475	5,553	5,082
73	82	47 794	173,555	915,415	5,274	4,803
74	83	44 128	148,373	741,860	5,000	4,529
75	84	40 331	125,563	593,487	4,727	4,256
76	85	36 436	105,032	467,924	4,455	3,984
77	86	32 411	86,508	362,893	4,195	3,724
78	87	28 381	70,142	276,384	3,940	3,469
79	88	24 383	55,797	206,243	3,696	3,225
80	89	20 508	43,454	150,446	3,462	2,991
81	90	16 845	33,048	106,991	3,237	2,766
82	91	13 434	24,404	73,943	3,030	2,559
83	92	10 370	17,442	49,540	2,840	2,369
84	93	7 739	12,053	32,098	2,663	2,192
85	94	5 559	8,016	20,045	2,501	2,030
86	95	3 831	5,116	12,030	2,352	1,881
87	96	2 526	3,123	6,914	2,214	1,743
88	97	1 566	1,793	3,791	2,115	1,644
89	98	934	0,990	1,999	2,018	1,547
90	99	536	0,526	1,008	1,917	1,446
91	100	291	0,264	0,482	1,826	1,355

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 607	99 607,197	1 325 556,093	13,308	12,837
1	11	99 247	91 894,967	1 225 948,896	13,341	12,870
2	12	99 211	85 057,835	1 134 053,929	13,333	12,862
3	13	99 188	78 738,777	1 048 996,094	13,322	12,851
4	14	99 168	72 891,464	970 257,317	13,311	12,840
5	15	99 148	67 478,684	897 365,853	13,299	12,827
6	16	99 126	62 466,385	829 887,169	13,285	12,814
7	17	99 103	57 825,472	767 420,784	13,271	12,800
8	18	99 081	53 530,201	709 595,313	13,256	12,785
9	19	99 053	49 550,998	656 065,111	13,240	12,769
10	20	99 027	45 868,864	606 514,113	13,223	12,752
11	21	99 001	42 459,954	560 645,248	13,204	12,733
12	22	98 977	39 305,247	518 185,294	13,184	12,713
13	23	98 954	36 385,317	478 880,047	13,161	12,690
14	24	98 927	33 680,816	442 494,730	13,138	12,667
15	25	98 896	31 176,099	408 813,915	13,113	12,642
16	26	98 861	28 856,653	377 637,816	13,087	12,616
17	27	98 818	26 707,484	348 781,163	13,059	12,588
18	28	98 770	24 717,037	322 073,679	13,030	12,559
19	29	98 709	22 871,985	297 356,642	13,001	12,530
20	30	98 644	21 163,865	274 484,656	12,969	12,498
21	31	98 570	19 581,497	253 320,791	12,937	12,466
22	32	98 499	18 117,977	233 739,295	12,901	12,430
23	33	98 421	16 762,549	215 621,318	12,863	12,392
24	34	98 345	15 508,932	198 858,769	12,822	12,351
25	35	98 258	14 347,475	183 349,837	12,779	12,308
26	36	98 175	13 273,409	169 002,362	12,732	12,261
27	37	98 085	12 278,922	155 728,953	12,683	12,212
28	38	97 993	11 358,727	143 450,031	12,629	12,158
29	39	97 886	10 505,899	132 091,304	12,573	12,102
30	40	97 776	9 716,765	121 585,405	12,513	12,042
31	41	97 655	8 985,788	111 868,640	12,450	11,978
32	42	97 522	8 308,895	102 882,851	12,382	11,911
33	43	97 383	7 682,441	94 573,957	12,310	11,839
34	44	97 223	7 101,711	86 891,516	12,235	11,764
35	45	97 054	6 564,221	79 789,805	12,155	11,684
36	46	96 865	6 066,109	73 225,583	12,071	11,600
37	47	96 664	5 605,107	67 159,474	11,982	11,511
38	48	96 437	5 177,724	61 554,367	11,888	11,417
39	49	96 180	4 781,437	56 376,643	11,791	11,320
40	50	95 905	4 414,594	51 595,206	11,687	11,216
41	51	95 609	4 074,962	47 180,612	11,578	11,107
42	52	95 277	3 760,006	43 105,651	11,464	10,993
43	53	94 917	3 468,361	39 345,645	11,344	10,873
44	54	94 528	3 198,267	35 877,284	11,218	10,747
45	55	94 085	2 947,495	32 679,017	11,087	10,616
46	56	93 596	2 714,976	29 731,522	10,951	10,480
47	57	93 058	2 499,416	27 016,546	10,809	10,338
48	58	92 474	2 299,734	24 517,129	10,661	10,190
49	59	91 827	2 114,492	22 217,395	10,507	10,036
50	60	91 123	1 942,859	20 102,903	10,347	9,876
51	61	90 341	1 783,504	18 160,044	10,182	9,711
52	62	89 495	1 635,924	16 376,540	10,011	9,540
53	63	88 578	1 499,219	14 740,616	9,832	9,361
54	64	87 567	1 372,320	13 241,398	9,649	9,178
55	65	86 450	1 254,467	11 869,078	9,461	8,990
56	66	85 254	1 145,472	10 614,611	9,267	8,796
57	67	83 950	1 044,404	9 469,139	9,067	8,596
58	68	82 545	950,847	8 424,735	8,860	8,389
59	69	81 014	864,094	7 473,888	8,649	8,178
60	70	79 363	783,775	6 609,793	8,433	7,962
61	71	77 592	709,529	5 826,019	8,211	7,740
62	72	75 701	640,958	5 116,489	7,983	7,512
63	73	73 689	577,706	4 475,532	7,747	7,276
64	74	71 539	519,304	3 897,825	7,506	7,035
65	75	69 261	465,526	3 378,522	7,257	6,786
66	76	66 881	416,234	2 912,996	6,998	6,527
67	77	64 352	370,828	2 496,762	6,733	6,262
68	78	61 690	329,157	2 125,933	6,459	5,988
69	79	58 846	290,724	1 796,777	6,180	5,709
70	80	55 795	255,231	1 506,053	5,901	5,430
71	81	52 562	222,630	1 250,821	5,618	5,147
72	82	49 079	192,480	1 028,192	5,342	4,871
73	83	45 434	164,985	835,712	5,065	4,594
74	84	41 625	139,958	670,727	4,792	4,321
75	85	37 703	117,381	530,768	4,522	4,051
76	86	33 662	97,036	413,387	4,260	3,789
77	87	29 585	78,967	316,351	4,006	3,535
78	88	25 545	63,131	237,385	3,760	3,289
79	89	21 598	49,425	174,254	3,526	3,055
80	90	17 852	37,826	124,829	3,300	2,829
81	91	14 361	28,174	87,003	3,088	2,617
82	92	11 182	20,313	58,828	2,896	2,425
83	93	8 425	14,171	38,516	2,718	2,247
84	94	6 122	9,534	24,344	2,553	2,082
85	95	4 279	6,171	14,810	2,400	1,929
86	96	2 863	3,822	8,640	2,260	1,789
87	97	1 804	2,231	4,817	2,159	1,688
88	98	1 098	1,257	2,586	2,058	1,587
89	99	642	0,680	1,330	1,955	1,484
90	100	355	0,349	0,650	1,863	1,392

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	11	99 601	99 601,371	1 324 883,650	13,302	12,831
1	12	99 239	91 887,861	1 225 282,279	13,335	12,863
2	13	99 204	85 051,156	1 133 394,418	13,326	12,855
3	14	99 179	78 731,358	1 048 343,262	13,315	12,844
4	15	99 159	72 884,743	969 611,903	13,303	12,832
5	16	99 136	67 470,474	896 727,160	13,291	12,820
6	17	99 112	62 457,187	829 256,686	13,277	12,806
7	18	99 089	57 817,598	766 799,499	13,262	12,791
8	19	99 061	53 519,655	708 981,901	13,247	12,776
9	20	99 035	49 542,337	655 462,246	13,230	12,759
10	21	99 009	45 860,384	605 919,909	13,212	12,741
11	22	98 985	42 452,952	560 059,525	13,192	12,721
12	23	98 961	39 298,848	517 606,572	13,171	12,700
13	24	98 937	36 378,769	478 307,724	13,148	12,677
14	25	98 909	33 674,755	441 928,955	13,123	12,652
15	26	98 877	31 170,168	408 254,200	13,098	12,627
16	27	98 843	28 851,222	377 084,032	13,070	12,599
17	28	98 797	26 701,737	348 232,809	13,042	12,571
18	29	98 746	24 711,213	321 531,073	13,012	12,541
19	30	98 683	22 866,067	296 819,860	12,981	12,510
20	31	98 613	21 157,153	273 953,793	12,949	12,477
21	32	98 539	19 575,348	252 796,640	12,914	12,443
22	33	98 465	18 111,769	233 221,292	12,877	12,406
23	34	98 385	16 756,509	215 109,522	12,837	12,366
24	35	98 305	15 502,635	198 353,014	12,795	12,324
25	36	98 218	14 341,562	182 850,379	12,750	12,279
26	37	98 130	13 267,323	168 508,816	12,701	12,230
27	38	98 038	12 273,093	155 241,493	12,649	12,178
28	39	97 934	11 351,875	142 968,400	12,594	12,123
29	40	97 828	10 499,583	131 616,525	12,535	12,064
30	41	97 709	9 710,102	121 116,941	12,473	12,002
31	42	97 582	8 979,136	111 406,839	12,407	11,936
32	43	97 445	8 302,299	102 427,702	12,337	11,866
33	44	97 295	7 675,464	94 125,403	12,263	11,792
34	45	97 129	7 094,819	86 449,938	12,185	11,714
35	46	96 942	6 556,658	79 355,120	12,103	11,632
36	47	96 747	6 058,723	72 798,462	12,015	11,544
37	48	96 531	5 597,427	66 739,739	11,923	11,452
38	49	96 283	5 169,471	61 142,312	11,828	11,357
39	50	96 012	4 773,078	55 972,841	11,727	11,256
40	51	95 727	4 406,413	51 199,763	11,619	11,148
41	52	95 404	4 066,230	46 793,350	11,508	11,037
42	53	95 054	3 751,234	42 727,120	11,390	10,919
43	54	94 674	3 459,455	38 975,886	11,266	10,795
44	55	94 255	3 189,028	35 516,431	11,137	10,666
45	56	93 780	2 937,929	32 327,402	11,003	10,532
46	57	93 262	2 705,265	29 389,474	10,864	10,393
47	58	92 693	2 489,608	26 684,209	10,718	10,247
48	59	92 071	2 289,732	24 194,600	10,567	10,096
49	60	91 395	2 104,541	21 904,868	10,408	9,937
50	61	90 642	1 932,608	19 800,328	10,245	9,774
51	62	89 827	1 773,363	17 867,719	10,076	9,605
52	63	88 946	1 625,888	16 094,357	9,899	9,428
53	64	87 980	1 489,101	14 468,468	9,716	9,245
54	65	86 912	1 362,065	12 979,368	9,529	9,058
55	66	85 761	1 244,468	11 617,302	9,335	8,864
56	67	84 507	1 135,436	10 372,834	9,136	8,665
57	68	83 154	1 034,500	9 237,399	8,929	8,458
58	69	81 681	940,896	8 202,898	8,718	8,247
59	70	80 078	854,110	7 262,002	8,502	8,031
60	71	78 363	773,900	6 407,892	8,280	7,809
61	72	76 529	699,807	5 633,992	8,051	7,580
62	73	74 580	631,463	4 934,185	7,814	7,343
63	74	72 479	568,222	4 302,722	7,572	7,101
64	75	70 262	510,038	3 734,499	7,322	6,851
65	76	67 929	456,574	3 224,462	7,062	6,591
66	77	65 439	407,257	2 767,888	6,796	6,325
67	78	62 821	362,004	2 360,631	6,521	6,050
68	79	59 997	320,122	1 998,627	6,243	5,772
69	80	56 998	281,591	1 678,505	5,961	5,490
70	81	53 761	245,925	1 396,914	5,680	5,209
71	82	50 319	213,129	1 150,989	5,400	4,929
72	83	46 655	182,975	937,859	5,126	4,655
73	84	42 857	155,629	754,884	4,851	4,379
74	85	38 913	130,838	599,255	4,580	4,109
75	86	34 833	108,445	468,417	4,319	3,848
76	87	30 727	88,577	359,972	4,064	3,593
77	88	26 628	71,074	271,395	3,818	3,347
78	89	22 627	55,922	200,321	3,582	3,111
79	90	18 801	43,023	144,400	3,356	2,885
80	91	15 219	32,248	101,376	3,144	2,673
81	92	11 953	23,451	69,129	2,948	2,477
82	93	9 085	16,504	45,677	2,768	2,297
83	94	6 665	11,210	29,173	2,602	2,131
84	95	4 713	7,340	17,963	2,447	1,976
85	96	3 197	4,611	10,624	2,304	1,833
86	97	2 045	2,731	6,013	2,202	1,731
87	98	1 265	1,564	3,282	2,099	1,628
88	99	754	0,863	1,719	1,991	1,520
89	100	426	0,451	0,856	1,897	1,426

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	12	99 594	99 593,669	1 324 156,595	13,296	12,825
1	13	99 231	91 880,646	1 224 562,926	13,328	12,857
2	14	99 194	85 043,143	1 132 682,280	13,319	12,848
3	15	99 170	78 724,099	1 047 639,137	13,308	12,837
4	16	99 147	72 875,875	968 915,038	13,295	12,824
5	17	99 122	67 460,539	896 039,163	13,282	12,811
6	18	99 098	62 448,683	828 578,624	13,268	12,797
7	19	99 070	57 806,207	766 129,941	13,253	12,782
8	20	99 044	53 510,300	708 323,734	13,237	12,766
9	21	99 017	49 533,178	654 813,434	13,220	12,749
10	22	98 993	45 852,822	605 280,256	13,201	12,729
11	23	98 969	42 446,041	559 427,434	13,180	12,709
12	24	98 943	39 291,775	516 981,393	13,157	12,686
13	25	98 919	36 372,223	477 689,618	13,133	12,662
14	26	98 890	33 668,349	441 317,394	13,108	12,637
15	27	98 858	31 164,302	407 649,045	13,081	12,610
16	28	98 821	28 845,014	376 484,743	13,052	12,581
17	29	98 774	26 695,445	347 639,729	13,022	12,551
18	30	98 721	24 704,819	320 944,284	12,991	12,520
19	31	98 652	22 858,815	296 239,466	12,960	12,488
20	32	98 582	21 150,510	273 380,650	12,925	12,454
21	33	98 505	19 568,641	252 230,141	12,890	12,418
22	34	98 430	18 105,243	232 661,499	12,851	12,379
23	35	98 345	16 749,706	214 556,256	12,810	12,339
24	36	98 264	15 496,246	197 806,551	12,765	12,294
25	37	98 173	14 334,987	182 310,305	12,718	12,247
26	38	98 083	13 261,026	167 975,318	12,667	12,196
27	39	97 979	12 265,690	154 714,292	12,614	12,143
28	40	97 875	11 345,051	142 448,603	12,556	12,085
29	41	97 760	10 492,384	131 103,552	12,495	12,024
30	42	97 637	9 702,914	120 611,168	12,430	11,959
31	43	97 505	8 972,009	110 908,253	12,362	11,891
32	44	97 356	8 294,760	101 936,244	12,289	11,818
33	45	97 200	7 668,015	93 641,484	12,212	11,741
34	46	97 017	7 086,644	85 973,469	12,132	11,661
35	47	96 824	6 548,675	78 886,825	12,046	11,575
36	48	96 614	6 050,421	72 338,150	11,956	11,485
37	49	96 377	5 588,504	66 287,729	11,861	11,390
38	50	96 115	5 160,434	60 699,225	11,762	11,291
39	51	95 834	4 764,233	55 538,791	11,657	11,186
40	52	95 522	4 396,971	50 774,558	11,548	11,077
41	53	95 181	4 056,744	46 377,587	11,432	10,961
42	54	94 810	3 741,602	42 320,843	11,311	10,840
43	55	94 400	3 449,462	38 579,241	11,184	10,713
44	56	93 949	3 178,678	35 129,779	11,052	10,581
45	57	93 445	2 927,420	31 951,101	10,914	10,443
46	58	92 896	2 694,649	29 023,681	10,771	10,300
47	59	92 290	2 478,780	26 329,032	10,622	10,151
48	60	91 638	2 278,956	23 850,252	10,465	9,994
49	61	90 913	2 093,437	21 571,296	10,304	9,833
50	62	90 127	1 921,620	19 477,859	10,136	9,665
51	63	89 276	1 762,484	17 556,239	9,961	9,490
52	64	88 346	1 614,916	15 793,755	9,780	9,309
53	65	87 322	1 477,973	14 178,839	9,593	9,122
54	66	86 219	1 351,209	12 700,866	9,400	8,929
55	67	85 010	1 233,564	11 349,658	9,201	8,730
56	68	83 706	1 124,669	10 116,094	8,995	8,524
57	69	82 284	1 023,674	8 991,425	8,783	8,312
58	70	80 737	930,024	7 967,751	8,567	8,096
59	71	79 070	843,349	7 037,726	8,345	7,874
60	72	77 289	763,296	6 194,377	8,115	7,644
61	73	75 396	689,441	5 431,081	7,878	7,406
62	74	73 355	621,097	4 741,640	7,634	7,163
63	75	71 186	558,084	4 120,543	7,383	6,912
64	76	68 911	500,229	3 562,460	7,122	6,651
65	77	66 464	446,727	3 062,231	6,855	6,384
66	78	63 882	397,566	2 615,504	6,579	6,108
67	79	61 097	352,068	2 217,938	6,300	5,829
68	80	58 112	310,065	1 865,870	6,018	5,547
69	81	54 920	271,324	1 555,805	5,734	5,263
70	82	51 467	235,431	1 284,481	5,456	4,985
71	83	47 834	202,605	1 049,050	5,178	4,707
72	84	44 010	172,598	846,445	4,904	4,433
73	85	40 065	145,488	673,847	4,632	4,161
74	86	35 951	120,878	528,359	4,371	3,900
75	87	31 796	98,991	407,481	4,116	3,645
76	88	27 656	79,724	308,490	3,869	3,398
77	89	23 587	62,957	228,766	3,634	3,163
78	90	19 697	48,679	165,809	3,406	2,935
79	91	16 028	36,679	117,130	3,193	2,722
80	92	12 668	26,842	80,452	2,997	2,526
81	93	9 712	19,054	53,610	2,814	2,343
82	94	7 187	13,055	34,556	2,647	2,176
83	95	5 131	8,630	21,501	2,491	2,020
84	96	3 521	5,484	12,871	2,347	1,876
85	97	2 284	3,294	7,386	2,243	1,771
86	98	1 434	1,914	4,093	2,138	1,667
87	99	869	1,074	2,179	2,028	1,557
88	100	500	0,572	1,105	1,930	1,459

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 586	99 585,848	1 323 372,469	13,289	12,818
1	14	99 222	91 871,989	1 223 786,621	13,321	12,850
2	15	99 185	85 035,302	1 131 914,632	13,311	12,840
3	16	99 158	78 714,521	1 046 879,330	13,300	12,829
4	17	99 132	72 865,145	968 164,809	13,287	12,816
5	18	99 108	67 451,353	895 299,665	13,273	12,802
6	19	99 079	62 436,379	827 848,311	13,259	12,788
7	20	99 052	57 796,103	765 411,932	13,243	12,772
8	21	99 026	53 500,408	707 615,829	13,226	12,755
9	22	99 001	49 525,010	654 115,421	13,208	12,737
10	23	98 977	45 845,357	604 590,411	13,188	12,717
11	24	98 951	42 438,402	558 745,055	13,166	12,695
12	25	98 926	39 284,705	516 306,653	13,143	12,672
13	26	98 900	36 365,304	477 021,947	13,118	12,646
14	27	98 872	33 662,013	440 656,643	13,091	12,620
15	28	98 837	31 157,596	406 994,630	13,062	12,591
16	29	98 798	28 838,217	375 837,034	13,033	12,562
17	30	98 748	26 688,537	346 998,817	13,002	12,531
18	31	98 690	24 696,984	320 310,280	12,970	12,499
19	32	98 621	22 851,638	295 613,296	12,936	12,465
20	33	98 548	21 143,263	272 761,658	12,901	12,430
21	34	98 470	19 561,590	251 618,396	12,863	12,392
22	35	98 390	18 097,892	232 056,806	12,822	12,351
23	36	98 305	16 742,802	213 958,913	12,779	12,308
24	37	98 219	15 489,141	197 216,111	12,733	12,261
25	38	98 126	14 328,183	181 726,970	12,683	12,212
26	39	98 024	13 253,026	167 398,788	12,631	12,160
27	40	97 920	12 258,316	154 145,761	12,575	12,104
28	41	97 808	11 337,272	141 887,445	12,515	12,044
29	42	97 688	10 484,617	130 550,174	12,452	11,981
30	43	97 560	9 695,213	120 065,557	12,384	11,913
31	44	97 416	8 963,862	110 370,344	12,313	11,842
32	45	97 262	8 286,710	101 406,482	12,237	11,766
33	46	97 088	7 659,179	93 119,772	12,158	11,687
34	47	96 899	7 078,016	85 460,593	12,074	11,603
35	48	96 692	6 539,701	78 382,577	11,986	11,515
36	49	96 460	6 040,776	71 842,876	11,893	11,422
37	50	96 209	5 578,735	65 802,100	11,795	11,324
38	51	95 936	5 150,871	60 223,364	11,692	11,221
39	52	95 629	4 754,024	55 072,494	11,584	11,113
40	53	95 299	4 386,713	50 318,469	11,471	11,000
41	54	94 937	4 046,327	45 931,756	11,351	10,880
42	55	94 536	3 730,794	41 885,429	11,227	10,756
43	56	94 094	3 438,267	38 154,635	11,097	10,626
44	57	93 613	3 167,308	34 716,368	10,961	10,490
45	58	93 078	2 915,932	31 549,060	10,820	10,348
46	59	92 492	2 682,929	28 633,127	10,672	10,201
47	60	91 856	2 467,114	25 950,198	10,518	10,047
48	61	91 155	2 266,932	23 483,084	10,359	9,888
49	62	90 396	2 081,534	21 216,152	10,193	9,722
50	63	89 574	1 909,832	19 134,618	10,019	9,548
51	64	88 674	1 750,589	17 224,787	9,839	9,368
52	65	87 685	1 602,848	15 474,197	9,654	9,183
53	66	86 626	1 466,193	13 871,349	9,461	8,990
54	67	85 464	1 339,369	12 405,156	9,262	8,791
55	68	84 204	1 221,867	11 065,787	9,056	8,585
56	69	82 830	1 112,899	9 843,920	8,845	8,374
57	70	81 333	1 011,846	8 731,021	8,629	8,158
58	71	79 720	918,307	7 719,176	8,406	7,935
59	72	77 986	831,794	6 800,869	8,176	7,705
60	73	76 144	751,989	5 969,075	7,938	7,467
61	74	74 158	678,123	5 217,086	7,693	7,222
62	75	72 047	610,015	4 538,963	7,441	6,970
63	76	69 817	547,351	3 928,948	7,178	6,707
64	77	67 425	489,441	3 381,598	6,909	6,438
65	78	64 882	436,097	2 892,157	6,632	6,161
66	79	62 128	386,654	2 456,060	6,352	5,881
67	80	59 177	341,008	2 069,406	6,069	5,597
68	81	55 994	298,760	1 728,399	5,785	5,314
69	82	52 576	259,745	1 429,639	5,504	5,033
70	83	48 925	223,805	1 169,893	5,227	4,756
71	84	45 121	191,115	946,088	4,950	4,479
72	85	41 142	161,351	754,973	4,679	4,208
73	86	37 015	134,412	593,621	4,416	3,945
74	87	32 816	110,340	459,209	4,162	3,691
75	88	28 618	89,097	348,869	3,916	3,445
76	89	24 498	70,619	259,772	3,678	3,207
77	90	20 532	54,803	189,153	3,451	2,980
78	91	16 792	41,500	134,349	3,237	2,766
79	92	13 341	30,530	92,850	3,041	2,570
80	93	10 293	21,809	62,320	2,858	2,386
81	94	7 683	15,072	40,511	2,688	2,217
82	95	5 533	10,050	25,439	2,531	2,060
83	96	3 834	6,448	15,388	2,386	1,915
84	97	2 516	3,918	8,940	2,282	1,811
85	98	1 601	2,309	5,022	2,175	1,704
86	99	985	1,315	2,713	2,064	1,593
87	100	576	0,712	1,399	1,964	1,493

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,466	1 322 526,726	13,282	12,810
1	15	99 213	91 863,518	1 222 950,260	13,313	12,842
2	16	99 173	85 024,955	1 131 086,742	13,303	12,832
3	17	99 143	78 702,930	1 046 061,786	13,291	12,820
4	18	99 119	72 855,223	967 358,856	13,278	12,807
5	19	99 089	67 438,064	894 503,633	13,264	12,793
6	20	99 061	62 425,466	827 065,568	13,249	12,778
7	21	99 034	57 785,418	764 640,102	13,232	12,761
8	22	99 009	53 491,585	706 854,685	13,214	12,743
9	23	98 985	49 516,947	653 363,099	13,195	12,724
10	24	98 959	45 837,106	603 846,152	13,174	12,703
11	25	98 933	42 430,766	558 009,046	13,151	12,680
12	26	98 907	39 277,232	515 578,280	13,127	12,656
13	27	98 881	36 358,460	476 301,048	13,100	12,629
14	28	98 851	33 654,770	439 942,588	13,072	12,601
15	29	98 814	31 150,254	406 287,818	13,043	12,572
16	30	98 773	28 830,755	375 137,564	13,012	12,541
17	31	98 717	26 680,073	346 306,809	12,980	12,509
18	32	98 659	24 689,229	319 626,736	12,946	12,475
19	33	98 587	22 843,808	294 937,507	12,911	12,440
20	34	98 512	21 135,644	272 093,699	12,874	12,403
21	35	98 430	19 553,648	250 958,055	12,834	12,363
22	36	98 349	18 090,434	231 404,407	12,792	12,320
23	37	98 260	16 735,126	213 313,973	12,746	12,275
24	38	98 173	15 481,789	196 578,847	12,697	12,226
25	39	98 067	14 319,539	181 097,059	12,647	12,176
26	40	97 965	13 245,059	166 777,519	12,592	12,121
27	41	97 853	12 249,911	153 532,460	12,533	12,062
28	42	97 735	11 328,879	141 282,550	12,471	12,000
29	43	97 611	10 476,295	129 953,671	12,405	11,934
30	44	97 471	9 686,409	119 477,376	12,335	11,863
31	45	97 322	8 955,162	109 790,967	12,260	11,789
32	46	97 150	8 277,162	100 835,805	12,182	11,711
33	47	96 970	7 649,854	92 558,644	12,099	11,628
34	48	96 766	7 068,317	84 908,790	12,013	11,542
35	49	96 538	6 529,277	77 840,473	11,922	11,451
36	50	96 292	6 030,217	71 311,196	11,826	11,355
37	51	96 030	5 568,397	65 280,980	11,723	11,252
38	52	95 731	5 139,834	59 712,583	11,618	11,147
39	53	95 406	4 742,933	54 572,749	11,506	11,035
40	54	95 055	4 375,449	49 829,815	11,389	10,917
41	55	94 663	4 034,639	45 454,366	11,266	10,795
42	56	94 230	3 718,686	41 419,727	11,138	10,667
43	57	93 757	3 425,968	37 701,041	11,004	10,533
44	58	93 246	3 154,879	34 275,073	10,864	10,393
45	59	92 673	2 903,250	31 120,194	10,719	10,248
46	60	92 056	2 670,302	28 216,944	10,567	10,096
47	61	91 371	2 454,098	25 546,642	10,410	9,939
48	62	90 636	2 254,042	23 092,544	10,245	9,774
49	63	89 841	2 068,765	20 838,502	10,073	9,602
50	64	88 970	1 896,942	18 769,737	9,895	9,424
51	65	88 011	1 737,508	16 872,794	9,711	9,240
52	66	86 987	1 590,072	15 135,286	9,519	9,048
53	67	85 867	1 453,346	13 545,214	9,320	8,849
54	68	84 654	1 326,669	12 091,868	9,114	8,643
55	69	83 322	1 209,079	10 765,199	8,904	8,433
56	70	81 873	1 100,040	9 556,120	8,687	8,216
57	71	80 309	999,098	8 456,080	8,464	7,993
58	72	78 627	905,725	7 456,982	8,233	7,762
59	73	76 831	819,472	6 551,258	7,994	7,523
60	74	74 894	739,644	5 731,786	7,749	7,278
61	75	72 835	666,023	4 992,141	7,495	7,024
62	76	70 661	598,283	4 326,118	7,231	6,760
63	77	68 312	535,547	3 727,835	6,961	6,490
64	78	65 820	477,794	3 192,289	6,681	6,210
65	79	63 101	424,127	2 714,495	6,400	5,929
66	80	60 177	374,507	2 290,368	6,116	5,645
67	81	57 020	328,574	1 915,861	5,831	5,360
68	82	53 604	286,011	1 587,287	5,550	5,079
69	83	49 980	246,919	1 301,276	5,270	4,799
70	84	46 151	211,113	1 054,357	4,994	4,523
71	85	42 181	178,662	843,244	4,720	4,249
72	86	38 010	149,069	664,582	4,458	3,987
73	87	33 788	122,694	515,514	4,202	3,731
74	88	29 537	99,312	392,819	3,955	3,484
75	89	25 350	78,922	293,507	3,719	3,248
76	90	21 325	61,473	214,585	3,491	3,020
77	91	17 504	46,721	153,113	3,277	2,806
78	92	13 977	34,543	106,391	3,080	2,609
79	93	10 840	24,806	71,848	2,896	2,425
80	94	8 142	17,251	47,043	2,727	2,256
81	95	5 914	11,603	29,792	2,568	2,096
82	96	4 134	7,510	18,188	2,422	1,951
83	97	2 739	4,606	10,679	2,318	1,847
84	98	1 763	2,746	6,072	2,211	1,740
85	99	1 100	1,586	3,326	2,097	1,626
86	100	653	0,872	1,740	1,996	1,525

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	15	99 567	99 567,285	1 321 616,026	13,274	12,803
1	16	99 201	91 852,341	1 222 048,741	13,304	12,833
2	17	99 159	85 012,436	1 130 196,400	13,294	12,823
3	18	99 130	78 692,214	1 045 183,964	13,282	12,811
4	19	99 099	72 840,870	966 491,750	13,269	12,797
5	20	99 071	67 426,277	893 650,881	13,254	12,783
6	21	99 043	62 413,925	826 224,604	13,238	12,767
7	22	99 018	57 775,889	763 810,679	13,220	12,749
8	23	98 993	53 482,877	706 034,790	13,201	12,730
9	24	98 967	49 508,036	652 551,914	13,181	12,710
10	25	98 941	45 828,858	603 043,878	13,159	12,688
11	26	98 914	42 422,694	557 215,020	13,135	12,664
12	27	98 888	39 269,841	514 792,325	13,109	12,638
13	28	98 860	36 350,637	475 522,485	13,082	12,611
14	29	98 827	33 646,839	439 171,848	13,052	12,581
15	30	98 788	31 142,193	405 525,009	13,022	12,551
16	31	98 741	28 821,611	374 382,816	12,990	12,519
17	32	98 686	26 671,696	345 561,204	12,956	12,485
18	33	98 625	24 680,770	318 889,509	12,921	12,450
19	34	98 552	22 835,577	294 208,739	12,884	12,413
20	35	98 472	21 127,063	271 373,162	12,845	12,374
21	36	98 389	19 545,589	250 246,099	12,803	12,332
22	37	98 304	18 082,139	230 700,510	12,758	12,287
23	38	98 213	16 727,182	212 618,370	12,711	12,240
24	39	98 114	15 472,449	195 891,188	12,661	12,190
25	40	98 008	14 310,931	180 418,739	12,607	12,136
26	41	97 898	13 235,977	166 107,808	12,550	12,079
27	42	97 781	12 240,843	152 871,831	12,489	12,018
28	43	97 658	11 319,887	140 630,988	12,423	11,952
29	44	97 522	10 466,781	129 311,101	12,354	11,883
30	45	97 376	9 677,007	118 844,320	12,281	11,810
31	46	97 210	8 944,843	109 167,313	12,204	11,733
32	47	97 031	8 267,084	100 222,469	12,123	11,652
33	48	96 837	7 639,372	91 955,385	12,037	11,566
34	49	96 612	7 057,049	84 316,014	11,948	11,477
35	50	96 369	6 517,863	77 258,964	11,853	11,382
36	51	96 113	6 019,042	70 741,101	11,753	11,282
37	52	95 825	5 556,465	64 722,060	11,648	11,177
38	53	95 507	5 127,843	59 165,594	11,538	11,067
39	54	95 161	4 730,755	54 037,751	11,423	10,952
40	55	94 780	4 362,810	49 306,996	11,302	10,831
41	56	94 355	4 021,545	44 944,186	11,176	10,705
42	57	93 893	3 705,384	40 922,642	11,044	10,573
43	58	93 389	3 412,524	37 217,257	10,906	10,435
44	59	92 840	3 141,158	33 804,733	10,762	10,291
45	60	92 237	2 889,586	30 663,575	10,612	10,141
46	61	91 571	2 656,214	27 773,989	10,456	9,985
47	62	90 851	2 440,144	25 117,776	10,294	9,823
48	63	90 080	2 240,215	22 677,632	10,123	9,652
49	64	89 235	2 054,803	20 437,417	9,946	9,475
50	65	88 305	1 882,767	18 382,614	9,764	9,293
51	66	87 310	1 723,659	16 499,846	9,573	9,102
52	67	86 224	1 576,140	14 776,187	9,375	8,904
53	68	85 053	1 439,565	13 200,047	9,169	8,698
54	69	83 768	1 312,785	11 760,482	8,958	8,487
55	70	82 360	1 195,109	10 447,697	8,742	8,271
56	71	80 841	1 086,180	9 252,588	8,518	8,047
57	72	79 208	985,408	8 166,408	8,287	7,816
58	73	77 463	892,308	7 181,000	8,048	7,577
59	74	75 570	806,019	6 288,692	7,802	7,331
60	75	73 558	726,447	5 482,673	7,547	7,076
61	76	71 434	653,214	4 756,226	7,281	6,810
62	77	69 137	585,381	4 103,012	7,009	6,538
63	78	66 686	522,803	3 517,631	6,728	6,257
64	79	64 014	464,680	2 994,829	6,445	5,974
65	80	61 119	410,803	2 530,149	6,159	5,688
66	81	57 983	360,852	2 119,346	5,873	5,402
67	82	54 586	314,552	1 758,494	5,590	5,119
68	83	50 957	271,888	1 443,942	5,311	4,840
69	84	47 145	232,916	1 172,054	5,032	4,561
70	85	43 143	197,356	939,138	4,759	4,288
71	86	38 970	165,061	741,781	4,494	4,023
72	87	34 696	136,073	576,720	4,238	3,767
73	88	30 411	110,432	440,648	3,990	3,519
74	89	26 163	87,970	330,216	3,754	3,283
75	90	22 067	68,700	242,246	3,526	3,055
76	91	18 180	52,407	173,545	3,311	2,840
77	92	14 570	38,889	121,139	3,115	2,644
78	93	11 356	28,066	82,249	2,931	2,460
79	94	8 575	19,622	54,183	2,761	2,290
80	95	6 268	13,281	34,562	2,602	2,131
81	96	4 419	8,670	21,281	2,454	1,983
82	97	2 953	5,365	12,611	2,351	1,880
83	98	1 920	3,229	7,246	2,244	1,773
84	99	1 211	1,886	4,017	2,130	1,659
85	100	729	1,052	2,131	2,026	1,555

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 555	99 555,170	1 320 634,859	13,265	12,794
1	17	99 186	91 838,816	1 221 079,688	13,296	12,825
2	18	99 145	85 000,860	1 129 240,872	13,285	12,814
3	19	99 110	78 676,710	1 044 240,012	13,273	12,801
4	20	99 082	72 828,138	965 563,301	13,258	12,787
5	21	99 053	67 413,811	892 735,164	13,243	12,772
6	22	99 027	62 403,633	825 321,353	13,226	12,754
7	23	99 002	57 766,482	762 917,720	13,207	12,736
8	24	98 975	53 473,252	705 151,237	13,187	12,716
9	25	98 949	49 499,127	651 677,986	13,165	12,694
10	26	98 922	45 820,140	602 178,858	13,142	12,671
11	27	98 896	42 414,711	556 358,718	13,117	12,646
12	28	98 867	39 261,390	513 944,007	13,090	12,619
13	29	98 837	36 342,071	474 682,617	13,062	12,590
14	30	98 802	33 638,132	438 340,546	13,031	12,560
15	31	98 757	31 132,317	404 702,414	12,999	12,528
16	32	98 710	28 812,561	373 570,096	12,966	12,494
17	33	98 652	26 662,557	344 757,535	12,930	12,459
18	34	98 589	24 671,877	318 094,978	12,893	12,422
19	35	98 512	22 826,306	293 423,101	12,855	12,384
20	36	98 432	21 118,356	270 596,796	12,813	12,342
21	37	98 344	19 536,628	249 478,440	12,770	12,299
22	38	98 258	18 073,556	229 941,812	12,723	12,252
23	39	98 154	16 717,092	211 868,256	12,674	12,203
24	40	98 055	15 463,148	195 151,164	12,620	12,149
25	41	97 941	14 301,118	179 688,016	12,565	12,094
26	42	97 825	13 226,179	165 386,898	12,505	12,033
27	43	97 703	12 231,126	152 160,719	12,440	11,969
28	44	97 569	11 309,607	139 929,592	12,373	11,902
29	45	97 427	10 456,623	128 619,985	12,300	11,829
30	46	97 264	9 665,857	118 163,362	12,225	11,754
31	47	97 091	8 933,953	108 497,505	12,144	11,673
32	48	96 898	8 255,756	99 563,552	12,060	11,589
33	49	96 683	7 627,194	91 307,797	11,971	11,500
34	50	96 443	7 044,713	83 680,603	11,878	11,407
35	51	96 190	6 505,784	76 635,889	11,780	11,309
36	52	95 907	6 006,145	70 130,105	11,676	11,205
37	53	95 601	5 543,502	64 123,961	11,567	11,096
38	54	95 262	5 114,676	58 580,459	11,453	10,982
39	55	94 886	4 717,089	53 465,782	11,334	10,863
40	56	94 472	4 348,651	48 748,693	11,210	10,739
41	57	94 018	4 007,160	44 400,042	11,080	10,609
42	58	93 524	3 690,844	40 392,882	10,944	10,473
43	59	92 983	3 397,682	36 702,038	10,802	10,331
44	60	92 403	3 126,374	33 304,357	10,653	10,182
45	61	91 750	2 874,341	30 177,982	10,499	10,028
46	62	91 050	2 641,111	27 303,642	10,338	9,867
47	63	90 294	2 425,175	24 662,531	10,169	9,698
48	64	89 472	2 225,096	22 237,356	9,994	9,523
49	65	88 568	2 039,448	20 012,260	9,813	9,342
50	66	87 601	1 867,761	17 972,812	9,623	9,152
51	67	86 545	1 708,556	16 105,051	9,426	8,955
52	68	85 407	1 561,195	14 396,495	9,221	8,750
53	69	84 163	1 424,499	12 835,300	9,010	8,539
54	70	82 800	1 297,616	11 410,801	8,794	8,323
55	71	81 322	1 180,052	10 113,185	8,570	8,099
56	72	79 733	1 071,298	8 933,133	8,339	7,868
57	73	78 035	970,811	7 861,835	8,098	7,627
58	74	76 191	877,659	6 891,024	7,852	7,381
59	75	74 221	791,637	6 013,365	7,596	7,125
60	76	72 143	712,476	5 221,727	7,329	6,858
61	77	69 893	639,127	4 509,251	7,055	6,584
62	78	67 492	571,451	3 870,124	6,772	6,301
63	79	64 856	508,453	3 298,674	6,488	6,017
64	80	62 003	450,082	2 790,221	6,199	5,728
65	81	58 891	395,824	2 340,139	5,912	5,441
66	82	55 508	345,453	1 944,315	5,628	5,157
67	83	51 891	299,020	1 598,861	5,347	4,876
68	84	48 067	256,469	1 299,841	5,068	4,597
69	85	44 073	217,739	1 043,373	4,792	4,321
70	86	39 859	182,332	825,634	4,528	4,057
71	87	35 573	150,671	643,301	4,270	3,799
72	88	31 228	122,473	492,630	4,022	3,551
73	89	26 938	97,820	370,158	3,784	3,313
74	90	22 775	76,577	272,338	3,556	3,085
75	91	18 813	58,569	195,761	3,342	2,871
76	92	15 132	43,622	137,192	3,145	2,674
77	93	11 838	31,597	93,570	2,961	2,490
78	94	8 983	22,201	61,973	2,791	2,320
79	95	6 601	15,106	39,772	2,633	2,162
80	96	4 684	9,924	24,667	2,486	2,015
81	97	3 157	6,193	14,743	2,380	1,909
82	98	2 070	3,761	8,550	2,273	1,802
83	99	1 319	2,218	4,789	2,159	1,688
84	100	803	1,251	2,571	2,056	1,585

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 541	99 540,511	1 319 580,665	13,257	12,786
1	18	99 172	91 826,311	1 220 040,154	13,286	12,815
2	19	99 125	84 984,114	1 128 213,842	13,276	12,805
3	20	99 093	78 662,958	1 043 229,729	13,262	12,791
4	21	99 064	72 814,673	964 566,770	13,247	12,776
5	22	99 037	67 402,695	891 752,097	13,230	12,759
6	23	99 011	62 393,473	824 349,403	13,212	12,741
7	24	98 984	57 756,087	761 955,929	13,193	12,722
8	25	98 957	53 463,630	704 199,843	13,172	12,701
9	26	98 930	49 489,711	650 736,213	13,149	12,678
10	27	98 904	45 811,517	601 246,502	13,124	12,653
11	28	98 875	42 405,584	555 434,984	13,098	12,627
12	29	98 844	39 252,139	513 029,401	13,070	12,599
13	30	98 811	36 332,667	473 777,262	13,040	12,569
14	31	98 770	33 627,465	437 444,595	13,009	12,538
15	32	98 726	31 122,542	403 817,130	12,975	12,504
16	33	98 676	28 802,689	372 694,589	12,940	12,469
17	34	98 616	26 652,950	343 891,899	12,903	12,432
18	35	98 549	24 661,860	317 238,950	12,864	12,393
19	36	98 471	22 816,898	292 577,090	12,823	12,352
20	37	98 387	21 108,673	269 760,192	12,780	12,309
21	38	98 297	19 527,354	248 651,518	12,733	12,262
22	39	98 198	18 062,653	229 124,164	12,685	12,214
23	40	98 095	16 707,042	211 061,510	12,633	12,162
24	41	97 987	15 452,545	194 354,468	12,578	12,106
25	42	97 868	14 290,531	178 901,923	12,519	12,048
26	43	97 748	13 215,681	164 611,392	12,456	11,985
27	44	97 614	12 220,020	151 395,711	12,389	11,918
28	45	97 474	11 298,631	139 175,691	12,318	11,847
29	46	97 315	10 444,574	127 877,061	12,243	11,772
30	47	97 146	9 654,089	117 432,487	12,164	11,693
31	48	96 958	8 921,711	107 778,398	12,080	11,609
32	49	96 744	8 242,595	98 856,687	11,993	11,522
33	50	96 514	7 613,861	90 614,092	11,901	11,430
34	51	96 264	7 031,658	83 000,230	11,804	11,333
35	52	95 984	6 491,844	75 968,572	11,702	11,231
36	53	95 683	5 992,132	69 476,728	11,595	11,124
37	54	95 356	5 529,268	63 484,596	11,482	11,011
38	55	94 987	5 099,902	57 955,328	11,364	10,893
39	56	94 578	4 701,780	52 855,426	11,242	10,771
40	57	94 134	4 333,096	48 153,646	11,113	10,642
41	58	93 649	3 991,435	43 820,550	10,979	10,508
42	59	93 117	3 674,791	39 829,115	10,838	10,367
43	60	92 546	3 381,691	36 154,324	10,691	10,220
44	61	91 916	3 109,880	32 772,633	10,538	10,067
45	62	91 229	2 857,998	29 662,753	10,379	9,908
46	63	90 491	2 624,909	26 804,756	10,212	9,741
47	64	89 685	2 408,808	24 179,847	10,038	9,567
48	65	88 804	2 208,469	21 771,039	9,858	9,387
49	66	87 862	2 023,193	19 562,570	9,669	9,198
50	67	86 833	1 851,395	17 539,377	9,474	9,003
51	68	85 724	1 692,355	15 687,982	9,270	8,799
52	69	84 513	1 544,856	13 995,627	9,060	8,588
53	70	83 191	1 408,039	12 450,771	8,843	8,372
54	71	81 757	1 281,268	11 042,731	8,619	8,148
55	72	80 208	1 163,883	9 761,464	8,387	7,916
56	73	78 552	1 055,428	8 597,581	8,146	7,675
57	74	76 754	954,874	7 542,153	7,899	7,428
58	75	74 832	861,999	6 587,279	7,642	7,171
59	76	72 794	776,413	5 725,280	7,374	6,903
60	77	70 587	697,111	4 948,866	7,099	6,628
61	78	68 230	623,918	4 251,756	6,815	6,344
62	79	65 639	555,765	3 627,837	6,528	6,057
63	80	62 818	492,480	3 072,072	6,238	5,767
64	81	59 742	433,671	2 579,592	5,948	5,477
65	82	56 378	378,933	2 145,921	5,663	5,192
66	83	52 767	328,395	1 766,988	5,381	4,910
67	84	48 948	282,062	1 438,593	5,100	4,629
68	85	44 935	239,756	1 156,531	4,824	4,353
69	86	40 718	201,163	916,774	4,557	4,086
70	87	36 384	166,437	715,611	4,300	3,829
71	88	32 017	135,612	549,174	4,050	3,579
72	89	27 662	108,486	413,562	3,812	3,341
73	90	23 449	85,151	305,076	3,583	3,112
74	91	19 416	65,283	219,925	3,369	2,898
75	92	15 659	48,751	154,642	3,172	2,701
76	93	12 295	35,443	105,891	2,988	2,517
77	94	9 364	24,994	70,448	2,819	2,348
78	95	6 915	17,091	45,454	2,660	2,188
79	96	4 932	11,287	28,363	2,513	2,042
80	97	3 346	7,089	17,076	2,409	1,938
81	98	2 213	4,342	9,987	2,300	1,829
82	99	1 422	2,583	5,645	2,186	1,715
83	100	874	1,471	3,062	2,082	1,611

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	18	99 527	99 526,958	1 318 450,282	13,247	12,776
1	19	99 153	91 808,220	1 218 923,325	13,277	12,806
2	20	99 108	84 969,259	1 127 115,105	13,265	12,794
3	21	99 074	78 648,415	1 042 145,845	13,251	12,780
4	22	99 047	72 802,666	963 497,430	13,234	12,763
5	23	99 021	67 391,721	890 694,764	13,217	12,746
6	24	98 993	62 382,245	823 303,043	13,198	12,727
7	25	98 966	57 745,694	760 920,798	13,177	12,706
8	26	98 939	53 453,460	703 175,104	13,155	12,684
9	27	98 912	49 480,398	649 721,645	13,131	12,660
10	28	98 882	45 801,659	600 241,247	13,105	12,634
11	29	98 851	42 395,591	554 439,588	13,078	12,607
12	30	98 818	39 241,982	512 043,997	13,048	12,577
13	31	98 780	36 321,145	472 802,015	13,017	12,546
14	32	98 739	33 616,906	436 480,870	12,984	12,513
15	33	98 692	31 111,878	402 863,965	12,949	12,478
16	34	98 641	28 792,311	371 752,086	12,912	12,440
17	35	98 576	26 642,129	342 959,776	12,873	12,402
18	36	98 509	24 651,696	316 317,647	12,831	12,360
19	37	98 426	22 806,437	291 665,951	12,789	12,318
20	38	98 340	21 098,654	268 859,514	12,743	12,272
21	39	98 238	19 515,574	247 760,860	12,696	12,225
22	40	98 139	18 051,795	228 245,286	12,644	12,173
23	41	98 028	16 695,586	210 193,491	12,590	12,119
24	42	97 915	15 441,106	193 497,905	12,531	12,060
25	43	97 791	14 279,188	178 056,798	12,470	11,999
26	44	97 659	13 203,680	163 777,610	12,404	11,933
27	45	97 520	12 208,159	150 573,930	12,334	11,863
28	46	97 362	11 285,612	138 365,771	12,260	11,789
29	47	97 196	10 431,858	127 080,159	12,182	11,711
30	48	97 013	9 640,860	116 648,301	12,099	11,628
31	49	96 804	8 907,489	107 007,442	12,013	11,542
32	50	96 575	8 228,187	98 099,953	11,922	11,451
33	51	96 335	7 599,751	89 871,766	11,826	11,355
34	52	96 058	7 016,591	82 272,015	11,725	11,254
35	53	95 760	6 476,699	75 255,423	11,619	11,148
36	54	95 438	5 976,747	68 778,724	11,508	11,037
37	55	95 080	5 513,296	62 801,978	11,391	10,920
38	56	94 679	5 083,350	57 288,682	11,270	10,799
39	57	94 239	4 684,962	52 205,332	11,143	10,672
40	58	93 765	4 316,092	47 520,369	11,010	10,539
41	59	93 242	3 974,075	43 204,277	10,872	10,400
42	60	92 679	3 657,496	39 230,203	10,726	10,255
43	61	92 057	3 363,849	35 572,707	10,575	10,104
44	62	91 393	3 092,197	32 208,857	10,416	9,945
45	63	90 669	2 840,465	29 116,660	10,251	9,780
46	64	89 881	2 607,194	26 276,195	10,078	9,607
47	65	89 015	2 390,807	23 669,001	9,900	9,429
48	66	88 096	2 190,866	21 278,193	9,712	9,241
49	67	87 092	2 005,466	19 087,327	9,518	9,047
50	68	86 010	1 833,840	17 081,862	9,315	8,844
51	69	84 827	1 674,644	15 248,022	9,105	8,634
52	70	83 536	1 527,006	13 573,378	8,889	8,418
53	71	82 142	1 390,300	12 046,372	8,665	8,194
54	72	80 636	1 263,712	10 656,073	8,432	7,961
55	73	79 020	1 146,642	9 392,361	8,191	7,720
56	74	77 263	1 038,102	8 245,719	7,943	7,472
57	75	75 384	937,836	7 207,617	7,685	7,214
58	76	73 392	845,422	6 269,781	7,416	6,945
59	77	71 224	759,669	5 424,359	7,140	6,669
60	78	68 908	680,522	4 664,690	6,855	6,384
61	79	66 357	606,793	3 984,168	6,566	6,095
62	80	63 577	538,306	3 377,375	6,274	5,803
63	81	60 528	474,523	2 839,069	5,983	5,512
64	82	57 193	415,165	2 364,545	5,695	5,224
65	83	53 594	360,222	1 949,381	5,412	4,941
66	84	49 775	309,771	1 589,159	5,130	4,659
67	85	45 759	263,682	1 279,388	4,852	4,381
68	86	41 514	221,505	1 015,705	4,585	4,114
69	87	37 168	183,626	794,200	4,325	3,854
70	88	32 748	149,802	610,574	4,076	3,605
71	89	28 361	120,125	460,772	3,836	3,365
72	90	24 079	94,435	340,647	3,607	3,136
73	91	19 991	72,593	246,212	3,392	2,921
74	92	16 161	54,340	173,619	3,195	2,724
75	93	12 723	39,610	119,279	3,011	2,540
76	94	9 726	28,036	79,670	2,842	2,371
77	95	7 209	19,241	51,634	2,683	2,212
78	96	5 167	12,771	32,392	2,536	2,065
79	97	3 523	8,063	19,621	2,434	1,962
80	98	2 345	4,969	11,558	2,326	1,855
81	99	1 520	2,982	6,589	2,210	1,739
82	100	943	1,713	3,607	2,106	1,635

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	19	99 507	99 507,349	1 317 236,335	13,238	12,767
1	20	99 136	91 792,173	1 217 728,986	13,266	12,795
2	21	99 090	84 953,550	1 125 936,813	13,254	12,783
3	22	99 058	78 635,446	1 040 983,263	13,238	12,767
4	23	99 031	72 790,813	962 347,817	13,221	12,750
5	24	99 003	67 379,593	889 557,004	13,202	12,731
6	25	98 975	62 371,020	822 177,411	13,182	12,711
7	26	98 947	57 734,709	759 806,391	13,160	12,689
8	27	98 920	53 443,400	702 071,682	13,137	12,666
9	28	98 890	49 469,750	648 628,282	13,112	12,641
10	29	98 859	45 790,867	599 158,531	13,085	12,614
11	30	98 826	42 384,620	553 367,665	13,056	12,585
12	31	98 787	39 229,537	510 983,044	13,025	12,554
13	32	98 749	36 309,740	471 753,508	12,992	12,521
14	33	98 706	33 605,388	435 443,768	12,958	12,487
15	34	98 657	31 100,668	401 838,380	12,921	12,450
16	35	98 601	28 780,621	370 737,713	12,882	12,410
17	36	98 536	26 631,149	341 957,091	12,840	12,369
18	37	98 463	24 640,393	315 325,943	12,797	12,326
19	38	98 379	22 795,611	290 685,549	12,752	12,281
20	39	98 281	21 085,926	267 889,938	12,705	12,234
21	40	98 179	19 503,843	246 804,012	12,654	12,183
22	41	98 072	18 039,417	227 300,169	12,600	12,129
23	42	97 955	16 683,227	209 260,752	12,543	12,072
24	43	97 837	15 428,850	192 577,525	12,482	12,011
25	44	97 702	14 266,222	177 148,675	12,417	11,946
26	45	97 564	13 190,865	162 882,454	12,348	11,877
27	46	97 407	12 194,092	149 691,589	12,276	11,805
28	47	97 244	11 271,872	137 497,496	12,198	11,727
29	48	97 063	10 417,563	126 225,625	12,117	11,646
30	49	96 858	9 625,492	115 808,062	12,031	11,560
31	50	96 634	8 891,918	106 182,570	11,941	11,470
32	51	96 396	8 212,938	97 290,652	11,846	11,375
33	52	96 128	7 583,467	89 077,714	11,746	11,275
34	53	95 834	7 000,222	81 494,246	11,642	11,171
35	54	95 514	6 460,069	74 494,025	11,531	11,060
36	55	95 162	5 959,482	68 033,956	11,416	10,945
37	56	94 772	5 495,403	62 074,474	11,296	10,825
38	57	94 340	5 065,167	56 579,071	11,170	10,699
39	58	93 870	4 666,578	51 513,904	11,039	10,568
40	59	93 357	4 297,320	46 847,326	10,902	10,430
41	60	92 803	3 955,371	42 550,007	10,758	10,286
42	61	92 190	3 638,199	38 594,635	10,608	10,137
43	62	91 534	3 344,723	34 956,436	10,451	9,980
44	63	90 832	3 073,228	31 611,713	10,286	9,815
45	64	90 057	2 821,295	28 538,485	10,115	9,644
46	65	89 209	2 587,711	25 717,190	9,938	9,467
47	66	88 305	2 371,752	23 129,478	9,752	9,281
48	67	87 324	2 171,670	20 757,727	9,558	9,087
49	68	86 266	1 986,449	18 586,057	9,356	8,885
50	69	85 110	1 814,647	16 599,608	9,148	8,677
51	70	83 847	1 655,294	14 784,960	8,932	8,461
52	71	82 484	1 507,767	13 129,666	8,708	8,237
53	72	81 017	1 371,250	11 621,899	8,475	8,004
54	73	79 442	1 244,992	10 250,649	8,234	7,762
55	74	77 722	1 127,818	9 005,657	7,985	7,514
56	75	75 884	1 019,579	7 877,839	7,727	7,256
57	76	73 935	919,800	6 858,260	7,456	6,985
58	77	71 810	827,190	5 938,460	7,179	6,708
59	78	69 529	741,592	5 111,270	6,892	6,421
60	79	67 016	661,843	4 369,679	6,602	6,131
61	80	64 273	587,731	3 707,836	6,309	5,838
62	81	61 259	518,679	3 120,105	6,015	5,544
63	82	57 945	454,274	2 601,426	5,727	5,256
64	83	54 369	394,664	2 147,152	5,440	4,969
65	84	50 554	339,793	1 752,488	5,158	4,686
66	85	46 531	289,586	1 412,695	4,878	4,407
67	86	42 275	243,609	1 123,109	4,610	4,139
68	87	37 895	202,194	879,500	4,350	3,879
69	88	33 454	165,273	677,306	4,098	3,627
70	89	29 008	132,694	512,032	3,859	3,388
71	90	24 688	104,567	379,338	3,628	3,157
72	91	20 528	80,508	274,771	3,413	2,942
73	92	16 640	60,424	194,263	3,215	2,744
74	93	13 131	44,151	133,839	3,031	2,560
75	94	10 064	31,332	89,688	2,862	2,391
76	95	7 487	21,583	58,356	2,704	2,233
77	96	5 387	14,378	36,773	2,558	2,087
78	97	3 691	9,123	22,395	2,455	1,984
79	98	2 470	5,652	13,272	2,348	1,877
80	99	1 611	3,413	7,620	2,233	1,762
81	100	1 008	1,977	4,207	2,128	1,657

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	20	99 490	99 489,956	1 315 938,629	13,227	12,756
1	21	99 117	91 775,202	1 216 448,673	13,255	12,784
2	22	99 073	84 939,542	1 124 673,470	13,241	12,770
3	23	99 042	78 622,644	1 039 733,929	13,224	12,753
4	24	99 013	72 777,714	961 111,285	13,206	12,735
5	25	98 985	67 367,469	888 333,571	13,186	12,715
6	26	98 956	62 359,155	820 966,103	13,165	12,694
7	27	98 929	57 723,844	758 606,948	13,142	12,671
8	28	98 899	53 431,900	700 883,104	13,117	12,646
9	29	98 867	49 458,093	647 451,204	13,091	12,620
10	30	98 833	45 779,017	597 993,111	13,063	12,592
11	31	98 794	42 371,179	552 214,093	13,033	12,562
12	32	98 756	39 217,219	509 842,914	13,000	12,529
13	33	98 715	36 297,299	470 625,696	12,966	12,495
14	34	98 670	33 593,278	434 328,397	12,929	12,458
15	35	98 617	31 088,041	400 735,118	12,890	12,419
16	36	98 560	28 768,760	369 647,077	12,849	12,378
17	37	98 491	26 618,938	340 878,317	12,806	12,335
18	38	98 417	24 628,697	314 259,379	12,760	12,289
19	39	98 320	22 781,860	289 630,682	12,713	12,242
20	40	98 222	21 073,250	266 848,822	12,663	12,192
21	41	98 112	19 490,469	245 775,572	12,610	12,139
22	42	97 999	18 026,063	226 285,102	12,553	12,082
23	43	97 877	16 669,985	208 259,039	12,493	12,022
24	44	97 748	15 414,839	191 589,054	12,429	11,958
25	45	97 607	14 252,375	176 174,215	12,361	11,890
26	46	97 452	13 175,666	161 921,840	12,289	11,818
27	47	97 289	12 179,246	148 746,174	12,213	11,742
28	48	97 110	11 256,426	136 566,928	12,132	11,661
29	49	96 909	10 400,957	125 310,502	12,048	11,577
30	50	96 689	9 608,666	114 909,546	11,959	11,488
31	51	96 455	8 875,440	105 300,880	11,864	11,393
32	52	96 189	8 195,341	96 425,440	11,766	11,295
33	53	95 904	7 565,775	88 230,100	11,662	11,191
34	54	95 588	6 982,248	80 664,325	11,553	11,082
35	55	95 238	6 441,408	73 682,077	11,439	10,968
36	56	94 853	5 940,140	67 240,669	11,320	10,849
37	57	94 433	5 475,746	61 300,529	11,195	10,724
38	58	93 970	5 045,291	55 824,783	11,065	10,594
39	59	93 461	4 646,281	50 779,492	10,929	10,458
40	60	92 918	4 277,095	46 133,211	10,786	10,315
41	61	92 313	3 934,503	41 856,116	10,638	10,167
42	62	91 666	3 617,513	37 921,613	10,483	10,012
43	63	90 972	3 324,205	34 304,101	10,319	9,848
44	64	90 219	3 052,487	30 979,896	10,149	9,678
45	65	89 384	2 800,213	27 927,408	9,973	9,502
46	66	88 498	2 567,086	25 127,195	9,788	9,317
47	67	87 531	2 350,970	22 560,110	9,596	9,125
48	68	86 496	2 151,077	20 209,139	9,395	8,924
49	69	85 364	1 965,660	18 058,062	9,187	8,716
50	70	84 126	1 793,680	16 092,402	8,972	8,501
51	71	82 790	1 634,439	14 298,722	8,748	8,277
52	72	81 354	1 487,108	12 664,283	8,516	8,045
53	73	79 817	1 350,937	11 177,175	8,274	7,803
54	74	78 138	1 224,554	9 826,238	8,024	7,553
55	75	76 336	1 107,695	8 601,684	7,765	7,294
56	76	74 425	999,971	7 493,989	7,494	7,023
57	77	72 340	899,963	6 494,018	7,216	6,745
58	78	70 101	807,505	5 594,055	6,928	6,457
59	79	67 621	721,236	4 786,550	6,637	6,166
60	80	64 911	641,052	4 065,313	6,342	5,871
61	81	61 929	566,301	3 424,262	6,047	5,576
62	82	58 645	496,545	2 857,960	5,756	5,285
63	83	55 083	431,842	2 361,415	5,468	4,997
64	84	51 285	372,282	1 929,573	5,183	4,712
65	85	47 260	317,651	1 557,291	4,903	4,431
66	86	42 989	267,541	1 239,640	4,633	4,162
67	87	38 590	222,372	972,099	4,372	3,900
68	88	34 108	181,986	749,727	4,120	3,649
69	89	29 633	146,399	567,742	3,878	3,407
70	90	25 251	115,508	421,343	3,648	3,177
71	91	21 047	89,146	305,835	3,431	2,960
72	92	17 087	67,012	216,689	3,234	2,763
73	93	13 520	49,094	149,677	3,049	2,578
74	94	10 387	34,925	100,582	2,880	2,409
75	95	7 748	24,121	65,658	2,722	2,251
76	96	5 595	16,127	41,537	2,576	2,105
77	97	3 848	10,271	25,410	2,474	2,003
78	98	2 588	6,395	15,139	2,367	1,896
79	99	1 697	3,882	8,744	2,252	1,781
80	100	1 068	2,263	4,862	2,148	1,677

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	21	99 472	99 471,563	1 314 548,018	13,215	12,744
1	22	99 101	91 760,069	1 215 076,455	13,242	12,771
2	23	99 057	84 925,713	1 123 316,386	13,227	12,756
3	24	99 024	78 608,494	1 038 390,674	13,210	12,739
4	25	98 995	72 764,618	959 782,179	13,190	12,719
5	26	98 966	67 354,654	887 017,561	13,169	12,698
6	27	98 938	62 347,419	819 662,907	13,147	12,676
7	28	98 907	57 711,423	757 315,488	13,122	12,651
8	29	98 875	53 419,309	699 604,065	13,096	12,625
9	30	98 841	49 445,295	646 184,756	13,069	12,598
10	31	98 802	45 764,499	596 739,461	13,039	12,568
11	32	98 763	42 357,875	550 974,962	13,008	12,537
12	33	98 722	39 203,782	508 617,087	12,974	12,503
13	34	98 679	36 284,220	469 413,306	12,937	12,466
14	35	98 630	33 579,640	433 129,086	12,899	12,428
15	36	98 576	31 075,229	399 549,446	12,857	12,386
16	37	98 515	28 755,570	368 474,217	12,814	12,343
17	38	98 444	26 606,303	339 718,648	12,768	12,297
18	39	98 357	24 613,840	313 112,345	12,721	12,250
19	40	98 261	22 768,165	288 498,505	12,671	12,200
20	41	98 154	21 058,801	265 730,340	12,618	12,147
21	42	98 039	19 476,041	244 671,539	12,563	12,092
22	43	97 922	18 011,755	225 195,498	12,503	12,032
23	44	97 788	16 654,847	207 183,744	12,440	11,969
24	45	97 653	15 399,878	190 528,896	12,372	11,901
25	46	97 495	14 235,953	175 129,018	12,302	11,831
26	47	97 333	13 159,624	160 893,065	12,226	11,755
27	48	97 155	12 162,557	147 733,441	12,147	11,676
28	49	96 956	11 238,482	135 570,884	12,063	11,592
29	50	96 739	10 382,775	124 332,402	11,975	11,504
30	51	96 510	9 590,859	113 949,627	11,881	11,410
31	52	96 249	8 856,422	104 358,768	11,783	11,312
32	53	95 965	8 176,221	95 502,345	11,680	11,209
33	54	95 658	7 546,349	87 326,124	11,572	11,101
34	55	95 312	6 962,078	79 779,776	11,459	10,988
35	56	94 929	6 420,502	72 817,698	11,341	10,870
36	57	94 514	5 918,893	66 397,195	11,218	10,747
37	58	94 062	5 454,258	60 478,302	11,088	10,617
38	59	93 561	5 023,347	55 024,044	10,954	10,483
39	60	93 021	4 624,414	50 000,697	10,812	10,341
40	61	92 428	4 254,529	45 376,283	10,665	10,194
41	62	91 788	3 912,132	41 121,754	10,511	10,040
42	63	91 104	3 595,321	37 209,622	10,349	9,878
43	64	90 358	3 301,770	33 614,301	10,181	9,710
44	65	89 545	3 029,677	30 312,531	10,005	9,534
45	66	88 672	2 777,894	27 282,854	9,821	9,350
46	67	87 723	2 544,593	24 504,960	9,630	9,159
47	68	86 701	2 328,678	21 960,367	9,430	8,959
48	69	85 591	2 128,565	19 631,689	9,223	8,752
49	70	84 377	1 942,947	17 503,124	9,009	8,537
50	71	83 067	1 771,082	15 560,177	8,786	8,315
51	72	81 656	1 612,044	13 789,095	8,554	8,083
52	73	80 149	1 465,079	12 177,051	8,312	7,840
53	74	78 506	1 328,760	10 711,972	8,062	7,591
54	75	76 743	1 202,704	9 383,212	7,802	7,331
55	76	74 867	1 086,392	8 180,508	7,530	7,059
56	77	72 820	978,406	7 094,116	7,251	6,780
57	78	70 619	878,548	6 115,710	6,961	6,490
58	79	68 177	785,341	5 237,163	6,669	6,198
59	80	65 496	698,579	4 451,822	6,373	5,902
60	81	62 544	617,678	3 753,243	6,076	5,605
61	82	59 287	542,135	3 135,565	5,784	5,313
62	83	55 749	472,026	2 593,430	5,494	5,023
63	84	51 960	407,352	2 121,404	5,208	4,737
64	85	47 943	348,023	1 714,052	4,925	4,454
65	86	43 662	293,470	1 366,029	4,655	4,184
66	87	39 241	244,217	1 072,559	4,392	3,921
67	88	34 733	200,147	828,342	4,139	3,668
68	89	30 213	161,203	628,196	3,897	3,426
69	90	25 795	127,438	466,993	3,664	3,193
70	91	21 527	98,473	339,555	3,448	2,977
71	92	17 519	74,202	241,082	3,249	2,778
72	93	13 883	54,447	166,880	3,065	2,594
73	94	10 694	38,835	112,433	2,895	2,424
74	95	7 996	26,886	73,598	2,737	2,266
75	96	5 789	18,024	46,712	2,592	2,121
76	97	3 996	11,521	28,688	2,490	2,019
77	98	2 697	7,200	17,168	2,385	1,914
78	99	1 777	4,393	9,968	2,269	1,798
79	100	1 125	2,574	5,576	2,166	1,695

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 455	99 455,160	1 313 058,118	13,203	12,731
1	23	99 085	91 745,129	1 213 602,958	13,228	12,757
2	24	99 040	84 910,429	1 121 857,829	13,212	12,741
3	25	99 006	78 594,350	1 036 947,400	13,194	12,723
4	26	98 977	72 750,777	958 353,050	13,173	12,702
5	27	98 947	67 341,978	885 602,274	13,151	12,680
6	28	98 916	62 334,003	818 260,296	13,127	12,656
7	29	98 884	57 697,824	755 926,292	13,101	12,630
8	30	98 850	53 405,486	698 228,469	13,074	12,603
9	31	98 810	49 429,614	644 822,983	13,045	12,574
10	32	98 771	45 750,130	595 393,369	13,014	12,543
11	33	98 729	42 343,361	549 643,239	12,981	12,510
12	34	98 686	39 189,655	507 299,878	12,945	12,474
13	35	98 639	36 269,489	468 110,223	12,906	12,435
14	36	98 589	33 565,801	431 840,734	12,865	12,394
15	37	98 531	31 060,981	398 274,933	12,822	12,351
16	38	98 468	28 741,920	367 213,953	12,776	12,305
17	39	98 384	26 590,253	338 472,032	12,729	12,258
18	40	98 298	24 599,044	311 881,779	12,679	12,208
19	41	98 193	22 752,553	287 282,736	12,626	12,155
20	42	98 082	21 043,212	264 530,183	12,571	12,100
21	43	97 961	19 460,582	243 486,972	12,512	12,041
22	44	97 833	17 995,399	224 026,390	12,449	11,978
23	45	97 693	16 638,683	206 030,991	12,383	11,912
24	46	97 541	15 382,134	189 392,309	12,312	11,841
25	47	97 376	14 218,621	174 010,175	12,238	11,767
26	48	97 200	13 141,592	159 791,554	12,159	11,688
27	49	97 000	12 143,169	146 649,963	12,077	11,606
28	50	96 786	11 218,837	134 506,794	11,989	11,518
29	51	96 560	10 363,534	123 287,957	11,896	11,425
30	52	96 303	9 570,309	112 924,423	11,799	11,328
31	53	96 024	8 835,760	103 354,114	11,697	11,226
32	54	95 719	8 155,227	94 518,354	11,590	11,119
33	55	95 382	7 524,550	86 363,127	11,478	11,006
34	56	95 002	6 939,483	78 838,577	11,361	10,890
35	57	94 590	6 397,537	71 899,094	11,239	10,768
36	58	94 143	5 895,666	65 501,558	11,110	10,639
37	59	93 653	5 430,536	59 605,891	10,976	10,505
38	60	93 121	4 999,705	54 175,356	10,836	10,365
39	61	92 531	4 600,016	49 175,651	10,690	10,219
40	62	91 902	4 230,338	44 575,635	10,537	10,066
41	63	91 225	3 888,133	40 345,297	10,377	9,905
42	64	90 489	3 571,057	36 457,163	10,209	9,738
43	65	89 683	3 277,097	32 886,107	10,035	9,564
44	66	88 831	3 005,529	29 609,009	9,852	9,380
45	67	87 895	2 753,554	26 603,480	9,662	9,190
46	68	86 891	2 520,464	23 849,926	9,463	8,991
47	69	85 794	2 304,307	21 329,462	9,256	8,785
48	70	84 602	2 103,970	19 025,156	9,043	8,571
49	71	83 314	1 918,469	16 921,185	8,820	8,349
50	72	81 928	1 746,815	15 002,717	8,589	8,118
51	73	80 446	1 588,164	13 255,902	8,347	7,876
52	74	78 833	1 441,028	11 667,738	8,097	7,626
53	75	77 106	1 305,051	10 226,710	7,836	7,365
54	76	75 268	1 179,574	8 921,659	7,563	7,092
55	77	73 253	1 062,963	7 742,085	7,283	6,812
56	78	71 087	955,123	6 679,122	6,993	6,522
57	79	68 680	854,433	5 723,999	6,699	6,228
58	80	66 035	760,670	4 869,566	6,402	5,931
59	81	63 108	673,108	4 108,896	6,104	5,633
60	82	59 875	591,319	3 435,788	5,810	5,339
61	83	56 359	515,365	2 844,469	5,519	5,048
62	84	52 588	445,257	2 329,104	5,231	4,760
63	85	48 574	380,807	1 883,847	4,947	4,476
64	86	44 294	321,530	1 503,040	4,675	4,204
65	87	39 856	267,885	1 181,510	4,411	3,939
66	88	35 319	219,808	913,624	4,156	3,685
67	89	30 766	177,289	693,816	3,913	3,442
68	90	26 299	140,324	516,527	3,681	3,210
69	91	21 991	108,644	376,203	3,463	2,992
70	92	17 918	81,966	267,559	3,264	2,793
71	93	14 234	60,289	185,593	3,078	2,607
72	94	10 982	43,069	125,304	2,909	2,438
73	95	8 233	29,896	82,235	2,751	2,280
74	96	5 975	20,090	52,339	2,605	2,134
75	97	4 136	12,875	32,249	2,505	2,034
76	98	2 801	8,076	19,374	2,399	1,928
77	99	1 853	4,945	11,298	2,285	1,814
78	100	1 178	2,912	6,353	2,181	1,710

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	23	99 439	99 438,968	1 311 458,809	13,189	12,718
1	24	99 067	91 728,619	1 212 019,841	13,213	12,742
2	25	99 022	84 895,151	1 120 291,223	13,196	12,725
3	26	98 987	78 579,399	1 035 396,072	13,176	12,705
4	27	98 958	72 737,085	956 816,673	13,154	12,683
5	28	98 926	67 327,487	884 079,588	13,131	12,660
6	29	98 893	62 319,315	816 752,101	13,106	12,635
7	30	98 858	57 682,893	754 432,786	13,079	12,608
8	31	98 818	53 388,549	696 749,893	13,051	12,580
9	32	98 779	49 414,094	643 361,344	13,020	12,549
10	33	98 737	45 734,454	593 947,250	12,987	12,516
11	34	98 694	42 328,104	548 212,796	12,952	12,480
12	35	98 646	39 173,744	505 884,692	12,914	12,443
13	36	98 599	36 254,541	466 710,948	12,873	12,402
14	37	98 544	33 550,411	430 456,407	12,830	12,359
15	38	98 484	31 046,237	396 905,996	12,784	12,313
16	39	98 409	28 724,582	365 859,759	12,737	12,266
17	40	98 325	26 574,268	337 135,177	12,687	12,215
18	41	98 231	24 582,176	310 560,909	12,634	12,163
19	42	98 121	22 735,710	285 978,733	12,578	12,107
20	43	98 004	21 026,508	263 243,023	12,520	12,049
21	44	97 872	19 442,910	242 216,515	12,458	11,987
22	45	97 738	17 977,933	222 773,605	12,392	11,920
23	46	97 581	16 619,511	204 795,672	12,323	11,852
24	47	97 422	15 363,406	188 176,161	12,248	11,777
25	48	97 242	14 199,137	172 812,755	12,171	11,700
26	49	97 045	13 120,643	158 613,618	12,089	11,618
27	50	96 831	12 121,942	145 492,975	12,002	11,531
28	51	96 607	11 198,046	133 371,033	11,910	11,439
29	52	96 353	10 341,328	122 172,987	11,814	11,343
30	53	96 078	9 547,981	111 831,659	11,713	11,242
31	54	95 778	8 813,073	102 283,678	11,606	11,135
32	55	95 442	8 131,669	93 470,605	11,495	11,024
33	56	95 072	7 500,129	85 338,935	11,378	10,907
34	57	94 663	6 914,661	77 838,806	11,257	10,786
35	58	94 219	6 372,432	70 924,146	11,130	10,659
36	59	93 734	5 870,024	64 551,714	10,997	10,526
37	60	93 212	5 404,978	58 681,690	10,857	10,386
38	61	92 630	4 973,327	53 276,713	10,712	10,241
39	62	92 005	4 573,861	48 303,386	10,561	10,090
40	63	91 338	4 204,388	43 729,525	10,401	9,930
41	64	90 610	3 861,892	39 525,138	10,235	9,764
42	65	89 813	3 544,372	35 663,245	10,062	9,591
43	66	88 968	3 250,977	32 118,874	9,880	9,409
44	67	88 053	2 979,194	28 867,896	9,690	9,219
45	68	87 061	2 727,444	25 888,702	9,492	9,021
46	69	85 981	2 494,086	23 161,258	9,286	8,815
47	70	84 803	2 277,681	20 667,172	9,074	8,603
48	71	83 536	2 077,463	18 389,491	8,852	8,381
49	72	82 173	1 892,182	16 312,028	8,621	8,150
50	73	80 715	1 720,938	14 419,846	8,379	7,908
51	74	79 126	1 562,093	12 698,908	8,129	7,658
52	75	77 426	1 415,315	11 136,815	7,869	7,398
53	76	75 623	1 279,953	9 721,500	7,595	7,124
54	77	73 644	1 154,136	8 441,547	7,314	6,843
55	78	71 510	1 037,668	7 287,411	7,023	6,552
56	79	69 136	928,907	6 249,743	6,728	6,257
57	80	66 523	827,592	5 320,836	6,429	5,958
58	81	63 627	732,935	4 493,245	6,130	5,659
59	82	60 415	644,384	3 760,310	5,836	5,364
60	83	56 919	562,121	3 115,926	5,543	5,072
61	84	53 163	486,138	2 553,806	5,253	4,782
62	85	49 161	416,242	2 067,668	4,967	4,496
63	86	44 876	351,818	1 651,426	4,694	4,223
64	87	40 432	293,499	1 299,607	4,428	3,957
65	88	35 873	241,111	1 006,108	4,173	3,702
66	89	31 286	194,706	764,997	3,929	3,458
67	90	26 781	154,327	570,291	3,695	3,224
68	91	22 421	119,630	415,963	3,477	3,006
69	92	18 304	90,431	296,334	3,277	2,806
70	93	14 559	66,597	205,903	3,092	2,621
71	94	11 259	47,690	139,306	2,921	2,450
72	95	8 454	33,156	91,616	2,763	2,292
73	96	6 152	22,339	58,459	2,617	2,146
74	97	4 268	14,351	36,120	2,517	2,046
75	98	2 899	9,025	21,769	2,412	1,941
76	99	1 924	5,547	12,744	2,297	1,826
77	100	1 228	3,279	7,197	2,195	1,724

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	24	99 421	99 421,072	1 309 741,087	13,174	12,703
1	25	99 049	91 712,113	1 210 320,015	13,197	12,726
2	26	99 003	84 879,002	1 118 607,901	13,179	12,708
3	27	98 969	78 564,611	1 033 728,900	13,158	12,687
4	28	98 937	72 721,433	955 164,289	13,135	12,664
5	29	98 903	67 311,622	882 442,856	13,110	12,639
6	30	98 867	62 303,188	815 131,234	13,083	12,612
7	31	98 827	57 664,600	752 828,046	13,055	12,584
8	32	98 787	53 371,785	695 163,445	13,025	12,554
9	33	98 745	49 397,163	641 791,660	12,992	12,521
10	34	98 702	45 717,975	592 394,497	12,958	12,487
11	35	98 654	42 310,919	546 676,523	12,920	12,449
12	36	98 605	39 157,600	504 365,604	12,880	12,409
13	37	98 554	36 237,918	465 208,004	12,838	12,367
14	38	98 497	33 534,486	428 970,086	12,792	12,321
15	39	98 425	31 027,509	395 435,600	12,745	12,274
16	40	98 350	28 707,314	364 408,092	12,694	12,223
17	41	98 258	26 556,046	335 700,778	12,641	12,170
18	42	98 158	24 563,979	309 144,731	12,585	12,114
19	43	98 043	22 717,663	284 580,753	12,527	12,056
20	44	97 915	21 007,415	261 863,090	12,465	11,994
21	45	97 777	19 424,039	240 855,675	12,400	11,929
22	46	97 625	17 957,218	221 431,635	12,331	11,860
23	47	97 462	16 599,276	203 474,417	12,258	11,787
24	48	97 289	15 342,353	186 875,141	12,180	11,709
25	49	97 087	14 176,503	171 532,787	12,100	11,629
26	50	96 875	13 097,707	157 356,285	12,014	11,543
27	51	96 651	12 099,478	144 258,577	11,923	11,452
28	52	96 400	11 174,052	132 159,100	11,827	11,356
29	53	96 128	10 317,202	120 985,048	11,727	11,255
30	54	95 831	9 523,465	110 667,846	11,621	11,149
31	55	95 501	8 787,615	101 144,381	11,510	11,039
32	56	95 132	8 105,278	92 356,766	11,395	10,924
33	57	94 732	7 473,302	84 251,488	11,274	10,803
34	58	94 291	6 887,527	76 778,186	11,147	10,676
35	59	93 809	6 344,715	69 890,659	11,016	10,545
36	60	93 292	5 842,397	63 545,944	10,877	10,406
37	61	92 720	5 376,461	57 703,547	10,733	10,262
38	62	92 103	4 945,049	52 327,086	10,582	10,111
39	63	91 440	4 545,803	47 382,037	10,423	9,952
40	64	90 722	4 176,013	42 836,234	10,258	9,787
41	65	89 932	3 833,034	38 660,221	10,086	9,615
42	66	89 097	3 516,121	34 827,188	9,905	9,434
43	67	88 189	3 222,492	31 311,066	9,716	9,245
44	68	87 218	2 950,945	28 088,574	9,519	9,047
45	69	86 150	2 698,899	25 137,629	9,314	8,843
46	70	84 988	2 465,268	22 438,730	9,102	8,631
47	71	83 734	2 248,985	19 973,462	8,881	8,410
48	72	82 391	2 048,998	17 724,477	8,650	8,179
49	73	80 955	1 864,152	15 675,479	8,409	7,938
50	74	79 390	1 692,687	13 811,327	8,159	7,688
51	75	77 714	1 534,220	12 118,640	7,899	7,428
52	76	75 937	1 388,097	10 584,420	7,625	7,154
53	77	73 992	1 252,349	9 196,323	7,343	6,872
54	78	71 892	1 126,671	7 943,974	7,051	6,580
55	79	69 547	1 009,186	6 817,303	6,755	6,284
56	80	66 964	899,726	5 808,116	6,455	5,984
57	81	64 097	797,416	4 908,391	6,155	5,684
58	82	60 912	701,658	4 110,974	5,859	5,388
59	83	57 432	612,565	3 409,317	5,566	5,095
60	84	53 691	530,242	2 796,752	5,274	4,803
61	85	49 699	454,460	2 266,510	4,987	4,516
62	86	45 418	384,556	1 812,050	4,712	4,241
63	87	40 964	321,147	1 427,494	4,445	3,974
64	88	36 391	264,165	1 106,347	4,188	3,717
65	89	31 776	213,576	842,182	3,943	3,472
66	90	27 234	169,488	628,606	3,709	3,238
67	91	22 832	131,568	459,118	3,490	3,019
68	92	18 662	99,576	327,551	3,289	2,818
69	93	14 872	73,475	227,975	3,103	2,632
70	94	11 516	52,680	154,500	2,933	2,462
71	95	8 668	36,713	101,820	2,773	2,302
72	96	6 317	24,775	65,107	2,628	2,157
73	97	4 395	15,958	40,331	2,527	2,056
74	98	2 992	10,060	24,373	2,423	1,952
75	99	1 991	6,199	14,314	2,309	1,838
76	100	1 276	3,678	8,114	2,206	1,735

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	25	99 403	99 403,183	1 307 897,314	13,157	12,686
1	26	99 030	91 694,667	1 208 494,131	13,180	12,709
2	27	98 984	84 863,028	1 116 799,464	13,160	12,689
3	28	98 947	78 547,705	1 031 936,436	13,138	12,667
4	29	98 913	72 704,297	953 388,731	13,113	12,642
5	30	98 877	67 294,204	880 684,434	13,087	12,616
6	31	98 836	62 283,430	813 390,231	13,059	12,588
7	32	98 796	57 646,494	751 106,800	13,030	12,558
8	33	98 754	53 353,498	693 460,307	12,997	12,526
9	34	98 710	49 379,363	640 106,808	12,963	12,492
10	35	98 662	45 699,413	590 727,445	12,926	12,455
11	36	98 613	42 293,481	545 028,032	12,887	12,416
12	37	98 560	39 139,646	502 734,550	12,845	12,374
13	38	98 507	36 220,717	463 594,904	12,799	12,328
14	39	98 438	33 514,256	427 374,187	12,752	12,281
15	40	98 365	31 008,856	393 859,931	12,702	12,230
16	41	98 282	28 687,630	362 851,075	12,648	12,177
17	42	98 185	26 536,388	334 163,445	12,593	12,122
18	43	98 080	24 544,481	307 627,057	12,533	12,062
19	44	97 954	22 697,034	283 082,576	12,472	12,001
20	45	97 820	20 987,026	260 385,542	12,407	11,936
21	46	97 665	19 401,658	239 398,517	12,339	11,868
22	47	97 506	17 935,355	219 996,858	12,266	11,795
23	48	97 328	16 576,530	202 061,503	12,190	11,719
24	49	97 134	15 317,897	185 484,973	12,109	11,638
25	50	96 918	14 151,721	170 167,076	12,024	11,553
26	51	96 696	13 073,435	156 015,355	11,934	11,463
27	52	96 444	12 073,552	142 941,920	11,839	11,368
28	53	96 175	11 147,983	130 868,368	11,739	11,268
29	54	95 881	10 290,711	119 720,385	11,634	11,163
30	55	95 555	9 495,955	109 429,674	11,524	11,053
31	56	95 191	8 759,095	99 933,719	11,409	10,938
32	57	94 792	8 076,286	91 174,624	11,289	10,818
33	58	94 360	7 443,975	83 098,338	11,163	10,692
34	59	93 881	6 857,570	75 654,363	11,032	10,561
35	60	93 367	6 314,855	68 796,793	10,894	10,423
36	61	92 800	5 811,573	62 481,938	10,751	10,280
37	62	92 193	5 345,891	56 670,365	10,601	10,130
38	63	91 538	4 914,714	51 324,474	10,443	9,972
39	64	90 823	4 515,123	46 409,760	10,279	9,808
40	65	90 044	4 144,807	41 894,637	10,108	9,637
41	66	89 216	3 802,483	37 749,830	9,928	9,457
42	67	88 316	3 485,313	33 947,347	9,740	9,269
43	68	87 353	3 191,935	30 462,034	9,543	9,072
44	69	86 305	2 920,061	27 270,099	9,339	8,868
45	70	85 155	2 667,715	24 350,037	9,128	8,657
46	71	83 917	2 434,209	21 682,323	8,907	8,436
47	72	82 587	2 218,170	19 248,114	8,677	8,206
48	73	81 171	2 018,645	17 029,944	8,436	7,965
49	74	79 626	1 833,550	15 011,299	8,187	7,716
50	75	77 973	1 662,484	13 177,750	7,927	7,455
51	76	76 219	1 504,715	11 515,265	7,653	7,182
52	77	74 300	1 358,161	10 010,551	7,371	6,900
53	78	72 231	1 222,548	8 652,390	7,077	6,606
54	79	69 919	1 095,746	7 429,842	6,781	6,310
55	80	67 362	977,483	6 334,095	6,480	6,009
56	81	64 522	866,920	5 356,612	6,179	5,708
57	82	61 362	763,388	4 489,692	5,881	5,410
58	83	57 904	667,010	3 726,304	5,587	5,116
59	84	54 175	577,825	3 059,294	5,294	4,823
60	85	50 192	495,690	2 481,468	5,006	4,535
61	86	45 915	419,864	1 985,779	4,730	4,259
62	87	41 459	351,030	1 565,915	4,461	3,990
63	88	36 870	289,050	1 214,884	4,203	3,732
64	89	32 235	233,997	925,834	3,957	3,486
65	90	27 660	185,914	691,837	3,721	3,250
66	91	23 217	144,493	505,923	3,501	3,030
67	92	19 004	109,512	361,431	3,300	2,829
68	93	15 163	80,905	251,918	3,114	2,643
69	94	11 764	58,121	171,014	2,942	2,471
70	95	8 866	40,555	112,893	2,784	2,313
71	96	6 477	27,433	72,338	2,637	2,166
72	97	4 513	17,698	44,905	2,537	2,066
73	98	3 080	11,186	27,207	2,432	1,961
74	99	2 055	6,910	16,020	2,318	1,847
75	100	1 320	4,110	9,111	2,217	1,745

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1	0	99 644	92 262,753	1 231 066,762	13,343	12,872
2	1	99 317	85 148,191	1 138 804,008	13,374	12,903
3	2	99 277	78 809,065	1 053 655,818	13,370	12,899
4	3	99 254	72 954,343	974 846,753	13,362	12,891
5	4	99 233	67 536,155	901 892,410	13,354	12,883
6	5	99 213	62 521,212	834 356,255	13,345	12,874
7	6	99 195	57 879,592	771 835,042	13,335	12,864
8	7	99 178	53 582,859	713 955,450	13,324	12,853
9	8	99 165	49 607,210	660 372,591	13,312	12,841
10	9	99 150	45 925,727	610 765,381	13,299	12,828
11	10	99 136	42 517,850	564 839,654	13,285	12,814
12	11	99 123	39 363,030	522 321,804	13,269	12,798
13	12	99 108	36 441,923	482 958,774	13,253	12,782
14	13	99 091	33 736,637	446 516,850	13,235	12,764
15	14	99 068	31 230,446	412 780,214	13,217	12,746
16	15	99 043	28 909,791	381 549,768	13,198	12,727
17	16	99 007	26 758,445	352 639,976	13,179	12,708
18	17	98 965	24 765,883	325 881,532	13,158	12,687
19	18	98 914	22 919,465	301 115,649	13,138	12,667
20	19	98 855	21 209,108	278 196,184	13,117	12,646
21	20	98 795	19 626,152	256 987,075	13,094	12,623
22	21	98 736	18 161,640	237 360,923	13,069	12,598
23	22	98 675	16 805,933	219 199,283	13,043	12,572
24	23	98 619	15 552,143	202 393,351	13,014	12,543
25	24	98 554	14 390,705	186 841,207	12,983	12,512
26	25	98 493	13 316,495	172 450,503	12,950	12,479
27	26	98 430	12 322,085	159 134,008	12,915	12,443
28	27	98 366	11 401,923	146 811,922	12,876	12,405
29	28	98 297	10 549,947	135 409,999	12,835	12,364
30	29	98 222	9 761,073	124 860,053	12,792	12,321
31	30	98 142	9 030,619	115 098,980	12,745	12,274
32	31	98 050	8 353,884	106 068,361	12,697	12,226
33	32	97 957	7 727,747	97 714,477	12,645	12,174
34	33	97 852	7 147,636	89 986,730	12,590	12,119
35	34	97 742	6 610,706	82 839,094	12,531	12,060
36	35	97 623	6 113,630	76 228,388	12,469	11,998
37	36	97 499	5 653,572	70 114,758	12,402	11,931
38	37	97 359	5 227,262	64 461,186	12,332	11,861
39	38	97 209	4 832,595	59 233,924	12,257	11,786
40	39	97 042	4 466,944	54 401,329	12,179	11,708
41	40	96 864	4 128,457	49 934,385	12,095	11,624
42	41	96 668	3 814,929	45 805,928	12,007	11,536
43	42	96 458	3 524,641	41 991,000	11,914	11,443
44	43	96 233	3 255,945	38 466,359	11,814	11,343
45	44	95 972	3 006,611	35 210,414	11,711	11,240
46	45	95 691	2 775,749	32 203,803	11,602	11,131
47	46	95 373	2 561,583	29 428,054	11,488	11,017
48	47	95 031	2 363,338	26 866,471	11,368	10,897
49	48	94 649	2 179,475	24 503,133	11,243	10,772
50	49	94 217	2 008,829	22 323,658	11,113	10,642
51	50	93 740	1 850,603	20 314,829	10,977	10,506
52	51	93 220	1 704,014	18 464,226	10,836	10,365
53	52	92 635	1 567,891	16 760,212	10,690	10,219
54	53	91 985	1 441,560	15 192,322	10,539	10,068
55	54	91 261	1 324,273	13 750,761	10,384	9,913
56	55	90 459	1 215,408	12 426,488	10,224	9,753
57	56	89 572	1 114,336	11 211,081	10,061	9,590
58	57	88 597	1 020,563	10 096,745	9,893	9,422
59	58	87 529	933,581	9 076,181	9,722	9,251
60	59	86 370	852,975	8 142,600	9,546	9,075
61	60	85 118	778,346	7 289,626	9,366	8,894
62	61	83 753	709,131	6 511,279	9,182	8,711
63	62	82 282	645,073	5 802,148	8,995	8,524
64	63	80 716	585,922	5 157,075	8,802	8,331
65	64	79 029	531,179	4 571,153	8,606	8,135
66	65	77 229	480,629	4 039,974	8,406	7,935
67	66	75 341	434,149	3 559,345	8,198	7,727
68	67	73 337	391,296	3 125,196	7,987	7,516
69	68	71 248	351,993	2 733,900	7,767	7,296
70	69	69 015	315,703	2 381,907	7,545	7,074
71	70	66 696	282,496	2 066,204	7,314	6,843
72	71	64 233	251,911	1 783,708	7,081	6,610
73	72	61 694	224,032	1 531,796	6,837	6,366
74	73	59 033	198,489	1 307,765	6,589	6,118
75	74	56 259	175,150	1 109,276	6,333	5,862
76	75	53 397	153,927	934,126	6,069	5,598
77	76	50 424	134,588	780,199	5,797	5,326
78	77	47 328	116,969	645,612	5,520	5,048
79	78	44 101	100,920	528,643	5,238	4,767
80	79	40 726	86,293	427,723	4,957	4,486
81	80	37 221	73,024	341,431	4,676	4,205
82	81	33 550	60,945	268,406	4,404	3,933
83	82	29 784	50,098	207,461	4,141	3,670
84	83	26 007	40,504	157,363	3,885	3,414
85	84	22 275	32,122	116,859	3,638	3,167
86	85	18 644	24,894	84,737	3,404	2,933
87	86	15 197	18,789	59,843	3,185	2,714
88	87	12 040	13,783	41,054	2,979	2,508
89	88	9 225	9,778	27,272	2,789	2,318
90	89	6 822	6,696	17,493	2,613	2,142
91	90	4 860	4,417	10,798	2,445	1,974
92	91	3 319	2,792	6,381	2,285	1,814
93	92	2 140	1,667	3,588	2,152	1,681
94	93	1 315	0,949	1,921	2,025	1,554
95	94	760	0,507	0,972	1,917	1,446
96	95	415	0,257	0,465	1,812	1,340
97	96	210	0,120	0,208	1,731	1,260
98	97	100	0,053	0,088	1,666	1,195
99	98	45	0,022	0,035	1,605	1,134
100	99	19	0,009	0,013	1,543	1,072

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 616	85 404,862	1 139 344,496	13,341	12,869
3	1	99 301	78 828,609	1 053 939,635	13,370	12,899
4	2	99 266	72 963,407	975 111,025	13,364	12,893
5	3	99 243	67 543,121	902 147,618	13,357	12,886
6	4	99 223	62 527,195	834 604,497	13,348	12,877
7	5	99 204	57 884,749	772 077,302	13,338	12,867
8	6	99 187	53 587,599	714 192,553	13,328	12,857
9	7	99 170	49 609,515	660 604,955	13,316	12,845
10	8	99 157	45 928,927	610 995,439	13,303	12,832
11	9	99 142	42 520,451	565 066,512	13,289	12,818
12	10	99 129	39 365,333	522 546,061	13,274	12,803
13	11	99 116	36 444,741	483 180,728	13,258	12,787
14	12	99 099	33 739,286	446 735,986	13,241	12,770
15	13	99 078	31 233,389	412 996,700	13,223	12,752
16	14	99 052	28 912,457	381 763,312	13,204	12,733
17	15	99 019	26 761,701	352 850,855	13,185	12,714
18	16	98 980	24 769,530	326 089,154	13,165	12,694
19	17	98 927	22 922,586	301 319,624	13,145	12,674
20	18	98 874	21 213,288	278 397,037	13,124	12,653
21	19	98 812	19 629,583	257 183,750	13,102	12,631
22	20	98 755	18 164,998	237 554,167	13,078	12,607
23	21	98 692	16 808,704	219 389,168	13,052	12,581
24	22	98 635	15 554,676	202 580,464	13,024	12,553
25	23	98 572	14 393,295	187 025,788	12,994	12,523
26	24	98 511	13 318,891	172 632,493	12,961	12,490
27	25	98 448	12 324,430	159 313,602	12,927	12,456
28	26	98 384	11 404,069	146 989,172	12,889	12,418
29	27	98 318	10 552,217	135 585,103	12,849	12,378
30	28	98 245	9 763,373	125 032,885	12,806	12,335
31	29	98 167	9 032,956	115 269,512	12,761	12,290
32	30	98 081	8 356,535	106 236,556	12,713	12,242
33	31	97 988	7 730,174	97 880,021	12,662	12,191
34	32	97 886	7 150,086	90 149,847	12,608	12,137
35	33	97 777	6 613,088	82 999,761	12,551	12,080
36	34	97 663	6 116,113	76 386,673	12,489	12,018
37	35	97 540	5 655,903	70 270,560	12,424	11,953
38	36	97 404	5 229,660	64 614,656	12,355	11,884
39	37	97 255	4 834,890	59 384,997	12,283	11,812
40	38	97 101	4 469,640	54 550,107	12,205	11,734
41	39	96 922	4 130,940	50 080,466	12,123	11,652
42	40	96 735	3 817,546	45 949,526	12,036	11,565
43	41	96 529	3 527,252	42 131,980	11,945	11,474
44	42	96 309	3 258,531	38 604,728	11,847	11,376
45	43	96 060	3 009,343	35 346,196	11,745	11,274
46	44	95 784	2 778,446	32 336,853	11,638	11,167
47	45	95 483	2 564,537	29 558,407	11,526	11,055
48	46	95 147	2 366,219	26 993,870	11,408	10,937
49	47	94 779	2 182,465	24 627,650	11,284	10,813
50	48	94 368	2 012,036	22 445,185	11,155	10,684
51	49	93 904	1 853,844	20 433,149	11,022	10,551
52	50	93 393	1 707,178	18 579,305	10,883	10,412
53	51	92 834	1 571,258	16 872,128	10,738	10,267
54	52	92 200	1 444,931	15 300,870	10,589	10,118
55	53	91 496	1 327,682	13 855,939	10,436	9,965
56	54	90 721	1 218,929	12 528,257	10,278	9,807
57	55	89 863	1 117,964	11 309,328	10,116	9,645
58	56	88 915	1 024,227	10 191,364	9,950	9,479
59	57	87 874	937,259	9 167,137	9,781	9,310
60	58	86 747	856,701	8 229,878	9,606	9,135
61	59	85 521	782,027	7 373,177	9,428	8,957
62	60	84 197	712,892	6 591,150	9,246	8,775
63	61	82 753	648,762	5 878,258	9,061	8,590
64	62	81 214	589,538	5 229,495	8,870	8,399
65	63	79 566	534,788	4 639,957	8,676	8,205
66	64	77 810	484,248	4 105,169	8,477	8,006
67	65	75 946	437,637	3 620,921	8,274	7,803
68	66	73 985	394,755	3 183,284	8,064	7,593
69	67	71 930	355,362	2 788,529	7,847	7,376
70	68	69 745	319,042	2 433,167	7,626	7,155
71	69	67 476	285,798	2 114,125	7,397	6,926
72	70	65 053	255,126	1 828,326	7,166	6,695
73	71	62 551	227,144	1 573,201	6,926	6,455
74	72	59 921	201,474	1 346,057	6,681	6,210
75	73	57 198	178,073	1 144,583	6,428	5,957
76	74	54 367	156,723	966,510	6,167	5,696
77	75	51 412	137,227	809,787	5,901	5,430
78	76	48 372	119,547	672,560	5,626	5,155
79	77	45 176	103,380	553,014	5,349	4,878
80	78	41 876	88,728	449,634	5,068	4,596
81	79	38 428	75,393	360,906	4,787	4,316
82	80	34 819	63,252	285,513	4,514	4,043
83	81	31 112	52,331	222,262	4,247	3,776
84	82	27 358	42,608	169,931	3,988	3,517
85	83	23 615	34,054	127,323	3,739	3,268
86	84	19 944	26,629	93,269	3,502	3,031
87	85	16 450	20,337	66,640	3,277	2,806
88	86	13 190	15,099	46,303	3,067	2,596
89	87	10 249	10,864	31,204	2,872	2,401
90	88	7 702	7,559	20,340	2,691	2,220
91	89	5 584	5,074	12,781	2,519	2,048
92	90	3 893	3,276	7,707	2,353	1,882
93	91	2 571	2,003	4,432	2,213	1,742
94	92	1 619	1,168	2,429	2,080	1,608
95	93	960	0,641	1,261	1,966	1,495
96	94	539	0,333	0,619	1,857	1,386
97	95	281	0,161	0,286	1,775	1,304
98	96	139	0,074	0,125	1,689	1,218
99	97	64	0,031	0,051	1,629	1,158
100	98	27	0,013	0,020	1,572	1,101

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3	0	99 601	79 066,231	1 054 436,108	13,336	12,865
4	1	99 291	72 981,502	975 369,877	13,365	12,894
5	2	99 255	67 551,513	902 388,375	13,359	12,887
6	3	99 233	62 533,644	834 836,863	13,350	12,879
7	4	99 214	57 890,288	772 303,218	13,341	12,870
8	5	99 196	53 592,373	714 412,930	13,330	12,859
9	6	99 178	49 613,904	660 820,557	13,319	12,848
10	7	99 162	45 931,061	611 206,653	13,307	12,836
11	8	99 149	42 523,415	565 275,593	13,293	12,822
12	9	99 135	39 367,741	522 752,178	13,279	12,808
13	10	99 122	36 446,873	483 384,437	13,263	12,792
14	11	99 106	33 741,895	446 937,563	13,246	12,775
15	12	99 085	31 235,842	413 195,668	13,228	12,757
16	13	99 062	28 915,181	381 959,826	13,210	12,739
17	14	99 028	26 764,168	353 044,645	13,191	12,720
18	15	98 992	24 772,544	326 280,477	13,171	12,700
19	16	98 942	22 925,962	301 507,933	13,151	12,680
20	17	98 888	21 216,177	278 581,971	13,131	12,660
21	18	98 832	19 633,451	257 365,794	13,109	12,637
22	19	98 772	18 168,174	237 732,343	13,085	12,614
23	20	98 710	16 811,813	219 564,169	13,060	12,589
24	21	98 651	15 557,241	202 752,356	13,033	12,562
25	22	98 588	14 395,639	187 195,115	13,004	12,533
26	23	98 529	13 321,289	172 799,476	12,972	12,501
27	24	98 466	12 326,648	159 478,188	12,938	12,467
28	25	98 403	11 406,239	147 151,540	12,901	12,430
29	26	98 336	10 554,204	135 745,301	12,862	12,391
30	27	98 267	9 765,475	125 191,097	12,820	12,349
31	28	98 190	9 035,086	115 425,622	12,775	12,304
32	29	98 107	8 358,697	106 390,537	12,728	12,257
33	30	98 019	7 732,626	98 031,839	12,678	12,207
34	31	97 916	7 152,332	90 299,213	12,625	12,154
35	32	97 810	6 615,355	83 146,882	12,569	12,098
36	33	97 698	6 118,318	76 531,526	12,509	12,038
37	34	97 579	5 658,200	70 413,209	12,444	11,973
38	35	97 444	5 231,816	64 755,008	12,377	11,906
39	36	97 300	4 837,108	59 523,192	12,306	11,834
40	37	97 147	4 471,763	54 686,085	12,229	11,758
41	38	96 981	4 133,433	50 214,322	12,148	11,677
42	39	96 793	3 819,843	46 080,888	12,064	11,593
43	40	96 595	3 529,672	42 261,046	11,973	11,502
44	41	96 380	3 260,945	38 731,373	11,877	11,406
45	42	96 136	3 011,734	35 470,428	11,777	11,306
46	43	95 871	2 780,971	32 458,694	11,672	11,201
47	44	95 576	2 567,029	29 677,723	11,561	11,090
48	45	95 257	2 368,949	27 110,694	11,444	10,973
49	46	94 894	2 185,126	24 741,745	11,323	10,852
50	47	94 497	2 014,797	22 556,619	11,195	10,724
51	48	94 054	1 856,803	20 541,822	11,063	10,592
52	49	93 556	1 710,167	18 685,019	10,926	10,455
53	50	93 006	1 574,175	16 974,851	10,783	10,312
54	51	92 398	1 448,034	15 400,677	10,636	10,165
55	52	91 710	1 330,787	13 952,643	10,485	10,013
56	53	90 955	1 222,067	12 621,856	10,328	9,857
57	54	90 124	1 121,203	11 399,789	10,167	9,696
58	55	89 204	1 027,562	10 278,586	10,003	9,532
59	56	88 190	940,623	9 251,024	9,835	9,364
60	57	87 089	860,076	8 310,401	9,662	9,191
61	58	85 894	785,443	7 450,325	9,486	9,014
62	59	84 595	716,263	6 664,882	9,305	8,834
63	60	83 192	652,203	5 948,618	9,121	8,650
64	61	81 679	592,910	5 296,415	8,933	8,462
65	62	80 057	538,089	4 703,505	8,741	8,270
66	63	78 339	487,538	4 165,417	8,544	8,073
67	64	76 518	440,932	3 677,878	8,341	7,870
68	65	74 579	397,927	3 236,947	8,135	7,663
69	66	72 566	358,503	2 839,020	7,919	7,448
70	67	70 412	322,097	2 480,516	7,701	7,230
71	68	68 189	288,821	2 158,420	7,473	7,002
72	69	65 813	258,108	1 869,599	7,243	6,772
73	70	63 349	230,042	1 611,491	7,005	6,534
74	71	60 753	204,272	1 381,449	6,763	6,292
75	72	58 058	180,751	1 177,176	6,513	6,042
76	73	55 275	159,339	996,426	6,254	5,782
77	74	52 346	139,720	837,087	5,991	5,520
78	75	49 320	121,891	697,367	5,721	5,250
79	76	46 172	105,658	575,476	5,447	4,976
80	77	42 896	90,891	469,818	5,169	4,698
81	78	39 513	77,520	378,927	4,888	4,417
82	79	35 949	65,303	301,406	4,616	4,144
83	80	32 289	54,311	236,103	4,347	3,876
84	81	28 578	44,507	181,792	4,085	3,614
85	82	24 841	35,822	137,285	3,832	3,361
86	83	21 143	28,230	101,463	3,594	3,123
87	84	17 596	21,755	73,232	3,366	2,895
88	85	14 276	16,343	51,478	3,150	2,679
89	86	11 228	11,901	35,135	2,952	2,481
90	87	8 557	8,398	23,233	2,766	2,295
91	88	6 304	5,728	14,835	2,590	2,119
92	89	4 472	3,763	9,107	2,420	1,949
93	90	3 015	2,349	5,344	2,275	1,804
94	91	1 945	1,403	2,994	2,134	1,663
95	92	1 182	0,789	1,591	2,016	1,545
96	93	682	0,422	0,802	1,902	1,431
97	94	365	0,209	0,380	1,818	1,347
98	95	187	0,099	0,171	1,730	1,259
99	96	89	0,044	0,072	1,650	1,179
100	97	39	0,018	0,028	1,595	1,124

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4	0	99 590	73 201,497	975 825,870	13,331	12,860
5	1	99 280	67 568,265	902 624,372	13,359	12,888
6	2	99 245	62 541,414	835 056,107	13,352	12,881
7	3	99 224	57 896,259	772 514,693	13,343	12,872
8	4	99 205	53 597,501	714 618,435	13,333	12,862
9	5	99 187	49 618,324	661 020,933	13,322	12,851
10	6	99 170	45 935,124	611 402,609	13,310	12,839
11	7	99 154	42 525,390	565 467,485	13,297	12,826
12	8	99 142	39 370,485	522 942,095	13,283	12,812
13	9	99 128	36 449,103	483 571,610	13,267	12,796
14	10	99 112	33 743,869	447 122,507	13,250	12,779
15	11	99 093	31 238,257	413 378,638	13,233	12,762
16	12	99 070	28 917,452	382 140,381	13,215	12,744
17	13	99 037	26 766,690	353 222,929	13,196	12,725
18	14	99 001	24 774,829	326 456,239	13,177	12,706
19	15	98 954	22 928,752	301 681,410	13,157	12,686
20	16	98 902	21 219,301	278 752,658	13,137	12,666
21	17	98 845	19 636,125	257 533,357	13,115	12,644
22	18	98 791	18 171,754	237 897,232	13,092	12,621
23	19	98 727	16 814,752	219 725,478	13,067	12,596
24	20	98 670	15 560,118	202 910,727	13,040	12,569
25	21	98 604	14 398,013	187 350,609	13,012	12,541
26	22	98 545	13 323,458	172 952,596	12,981	12,510
27	23	98 484	12 328,867	159 629,138	12,948	12,477
28	24	98 421	11 408,292	147 300,271	12,912	12,441
29	25	98 355	10 556,212	135 891,980	12,873	12,402
30	26	98 285	9 767,313	125 335,768	12,832	12,361
31	27	98 211	9 037,030	115 568,455	12,788	12,317
32	28	98 130	8 360,668	106 531,425	12,742	12,271
33	29	98 045	7 734,628	98 170,757	12,692	12,221
34	30	97 947	7 154,600	90 436,129	12,640	12,169
35	31	97 841	6 617,433	83 281,529	12,585	12,114
36	32	97 732	6 120,415	76 664,096	12,526	12,055
37	33	97 614	5 660,240	70 543,681	12,463	11,992
38	34	97 484	5 233,941	64 883,441	12,397	11,926
39	35	97 340	4 839,102	59 649,500	12,327	11,856
40	36	97 191	4 473,814	54 810,398	12,251	11,780
41	37	97 027	4 135,396	50 336,584	12,172	11,701
42	38	96 851	3 822,148	46 201,188	12,088	11,617
43	39	96 653	3 531,796	42 379,039	11,999	11,528
44	40	96 447	3 263,183	38 847,244	11,905	11,434
45	41	96 207	3 013,965	35 584,061	11,806	11,335
46	42	95 948	2 783,180	32 570,096	11,702	11,231
47	43	95 663	2 569,362	29 786,915	11,593	11,122
48	44	95 349	2 371,250	27 217,553	11,478	11,007
49	45	95 004	2 187,646	24 846,303	11,358	10,887
50	46	94 612	2 017,253	22 658,656	11,232	10,761
51	47	94 183	1 859,351	20 641,403	11,101	10,630
52	48	93 706	1 712,898	18 782,052	10,965	10,494
53	49	93 169	1 576,931	17 069,154	10,824	10,353
54	50	92 569	1 450,722	15 492,223	10,679	10,208
55	51	91 907	1 333,644	14 041,501	10,529	10,058
56	52	91 167	1 224,924	12 707,856	10,374	9,903
57	53	90 356	1 124,089	11 482,932	10,215	9,744
58	54	89 463	1 030,539	10 358,842	10,052	9,581
59	55	88 477	943,686	9 328,304	9,885	9,414
60	56	87 401	863,164	8 384,618	9,714	9,243
61	57	86 233	788,538	7 521,454	9,538	9,067
62	58	84 965	719,392	6 732,917	9,359	8,888
63	59	83 585	655,287	6 013,524	9,177	8,706
64	60	82 112	596,054	5 358,237	8,990	8,518
65	61	80 515	541,166	4 762,183	8,800	8,329
66	62	78 822	490,547	4 221,017	8,605	8,134
67	63	77 038	443,928	3 730,469	8,403	7,932
68	64	75 141	400,923	3 286,542	8,197	7,726
69	65	73 149	361,384	2 885,619	7,985	7,514
70	66	71 035	324,944	2 524,235	7,768	7,297
71	67	68 842	291,586	2 199,291	7,543	7,071
72	68	66 509	260,838	1 907,705	7,314	6,843
73	69	64 090	232,731	1 646,867	7,076	6,605
74	70	61 528	206,879	1 414,136	6,836	6,365
75	71	58 864	183,262	1 207,257	6,588	6,117
76	72	56 106	161,735	1 023,996	6,331	5,860
77	73	53 220	142,052	862,261	6,070	5,599
78	74	50 216	124,105	720,209	5,803	5,332
79	75	47 078	107,730	596,104	5,533	5,062
80	76	43 842	92,894	488,374	5,257	4,786
81	77	40 476	79,410	395,479	4,980	4,509
82	78	36 963	67,146	316,069	4,707	4,236
83	79	33 337	56,073	248,923	4,439	3,968
84	80	29 659	46,191	192,851	4,175	3,704
85	81	25 949	37,419	146,659	3,919	3,448
86	82	22 241	29,697	109,240	3,679	3,207
87	83	18 654	23,062	79,543	3,449	2,978
88	84	15 272	17,482	56,481	3,231	2,760
89	85	12 154	12,882	38,999	3,027	2,556
90	86	9 374	9,200	26,116	2,839	2,368
91	87	7 003	6,364	16,916	2,658	2,187
92	88	5 049	4,248	10,552	2,484	2,013
93	89	3 464	2,699	6,304	2,336	1,865
94	90	2 281	1,646	3,605	2,190	1,719
95	91	1 420	0,948	1,959	2,066	1,595
96	92	839	0,519	1,011	1,948	1,477
97	93	462	0,265	0,492	1,860	1,389
98	94	242	0,129	0,227	1,769	1,298
99	95	119	0,059	0,099	1,688	1,217
100	96	55	0,025	0,040	1,614	1,143

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5	0	99 579	67 771,943	903 043,143	13,325	12,854
6	1	99 270	62 556,924	835 271,200	13,352	12,881
7	2	99 236	57 903,452	772 714,276	13,345	12,874
8	3	99 215	53 603,029	714 810,824	13,335	12,864
9	4	99 197	49 623,072	661 207,794	13,325	12,854
10	5	99 179	45 939,217	611 584,722	13,313	12,842
11	6	99 163	42 529,152	565 645,506	13,300	12,829
12	7	99 146	39 372,314	523 116,353	13,286	12,815
13	8	99 135	36 451,643	483 744,039	13,271	12,800
14	9	99 118	33 745,933	447 292,396	13,255	12,784
15	10	99 099	31 240,084	413 546,463	13,238	12,767
16	11	99 077	28 919,688	382 306,379	13,220	12,749
17	12	99 045	26 768,792	353 386,690	13,201	12,730
18	13	99 010	24 777,163	326 617,898	13,182	12,711
19	14	98 963	22 930,866	301 840,735	13,163	12,692
20	15	98 914	21 221,883	278 909,869	13,143	12,672
21	16	98 860	19 639,017	257 687,986	13,121	12,650
22	17	98 805	18 174,229	238 048,969	13,098	12,627
23	18	98 747	16 818,065	219 874,741	13,074	12,603
24	19	98 687	15 562,838	203 056,675	13,048	12,576
25	20	98 623	14 400,675	187 493,837	13,020	12,549
26	21	98 561	13 325,655	173 093,162	12,989	12,518
27	22	98 500	12 330,874	159 767,507	12,957	12,486
28	23	98 438	11 410,345	147 436,633	12,921	12,450
29	24	98 373	10 558,111	136 026,287	12,884	12,413
30	25	98 304	9 769,171	125 468,176	12,843	12,372
31	26	98 230	9 038,731	115 699,005	12,800	12,329
32	27	98 151	8 362,467	106 660,273	12,755	12,284
33	28	98 068	7 736,451	98 297,806	12,706	12,235
34	29	97 973	7 156,452	90 561,356	12,655	12,183
35	30	97 872	6 619,532	83 404,903	12,600	12,129
36	31	97 763	6 122,337	76 785,371	12,542	12,071
37	32	97 648	5 662,180	70 663,034	12,480	12,009
38	33	97 519	5 235,828	65 000,854	12,415	11,944
39	34	97 380	4 841,067	59 765,026	12,345	11,874
40	35	97 232	4 475,659	54 923,959	12,272	11,801
41	36	97 071	4 137,293	50 448,300	12,194	11,723
42	37	96 897	3 823,963	46 311,007	12,111	11,640
43	38	96 712	3 533,927	42 487,043	12,023	11,552
44	39	96 505	3 265,146	38 953,116	11,930	11,459
45	40	96 273	3 016,033	35 687,970	11,833	11,362
46	41	96 019	2 785,242	32 671,937	11,730	11,259
47	42	95 739	2 571,403	29 886,695	11,623	11,152
48	43	95 436	2 373,406	27 315,292	11,509	11,038
49	44	95 096	2 189,772	24 941,886	11,390	10,919
50	45	94 722	2 019,580	22 752,114	11,266	10,795
51	46	94 298	1 861,618	20 732,534	11,137	10,666
52	47	93 834	1 715,248	18 870,916	11,002	10,531
53	48	93 318	1 579,449	17 155,668	10,862	10,391
54	49	92 731	1 453,263	15 576,219	10,718	10,247
55	50	92 077	1 336,120	14 122,956	10,570	10,099
56	51	91 363	1 227,555	12 786,836	10,417	9,945
57	52	90 567	1 126,718	11 559,281	10,259	9,788
58	53	89 693	1 033,192	10 432,563	10,097	9,626
59	54	88 733	946,420	9 399,371	9,932	9,460
60	55	87 686	865,974	8 452,952	9,761	9,290
61	56	86 542	791,368	7 586,977	9,587	9,116
62	57	85 299	722,226	6 795,609	9,409	8,938
63	58	83 950	658,150	6 073,383	9,228	8,757
64	59	82 500	598,873	5 415,233	9,042	8,571
65	60	80 942	544,036	4 816,360	8,853	8,382
66	61	79 273	493,352	4 272,324	8,660	8,189
67	62	77 513	446,668	3 778,971	8,460	7,989
68	63	75 651	403,647	3 332,304	8,255	7,784
69	64	73 700	364,105	2 928,657	8,043	7,572
70	65	71 606	327,555	2 564,552	7,829	7,358
71	66	69 451	294,164	2 236,997	7,605	7,134
72	67	67 146	263,335	1 942,834	7,378	6,907
73	68	64 768	235,193	1 679,499	7,141	6,670
74	69	62 247	209,297	1 444,307	6,901	6,430
75	70	59 616	185,600	1 235,009	6,654	6,183
76	71	56 885	163,982	1 049,409	6,400	5,929
77	72	54 020	144,188	885,428	6,141	5,670
78	73	51 054	126,177	741,240	5,875	5,404
79	74	47 933	109,687	615,064	5,607	5,136
80	75	44 702	94,716	505,376	5,336	4,865
81	76	41 368	81,160	410,660	5,060	4,589
82	77	37 864	68,783	329,500	4,790	4,319
83	78	34 278	57,655	260,717	4,522	4,051
84	79	30 621	47,690	203,062	4,258	3,787
85	80	26 931	38,835	155,372	4,001	3,530
86	81	23 232	31,021	116,537	3,757	3,286
87	82	19 623	24,260	85,517	3,525	3,054
88	83	16 190	18,533	61,256	3,305	2,834
89	84	13 001	13,780	42,723	3,100	2,629
90	85	10 147	9,958	28,943	2,906	2,435
91	86	7 672	6,972	18,984	2,723	2,252
92	87	5 609	4,720	12,012	2,545	2,074
93	88	3 911	3,047	7,293	2,393	1,922
94	89	2 621	1,891	4,246	2,246	1,775
95	90	1 665	1,112	2,355	2,117	1,646
96	91	1 008	0,623	1,243	1,993	1,522
97	92	568	0,326	0,619	1,902	1,431
98	93	306	0,162	0,294	1,807	1,336
99	94	155	0,076	0,131	1,725	1,254
100	95	73	0,033	0,055	1,650	1,179

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	62 745,496	835 655,758	13,318	12,847
7	1	99 261	57 917,812	772 910,262	13,345	12,874
8	2	99 228	53 609,689	714 992,450	13,337	12,866
9	3	99 207	49 628,190	661 382,761	13,327	12,856
10	4	99 189	45 943,613	611 754,571	13,315	12,844
11	5	99 171	42 532,941	565 810,958	13,303	12,832
12	6	99 155	39 375,797	523 278,017	13,289	12,818
13	7	99 139	36 453,337	483 902,220	13,275	12,804
14	8	99 125	33 748,285	447 448,883	13,258	12,787
15	9	99 105	31 241,996	413 700,598	13,242	12,771
16	10	99 083	28 921,380	382 458,602	13,224	12,753
17	11	99 053	26 770,862	353 537,223	13,206	12,735
18	12	99 018	24 779,109	326 766,360	13,187	12,716
19	13	98 972	22 933,027	301 987,252	13,168	12,697
20	14	98 923	21 223,840	279 054,225	13,148	12,677
21	15	98 872	19 641,406	257 830,385	13,127	12,656
22	16	98 819	18 176,905	238 188,978	13,104	12,633
23	17	98 760	16 820,355	220 012,073	13,080	12,609
24	18	98 706	15 565,905	203 191,718	13,054	12,583
25	19	98 640	14 403,193	187 625,813	13,027	12,556
26	20	98 579	13 328,119	173 222,620	12,997	12,526
27	21	98 516	12 332,908	159 894,501	12,965	12,494
28	22	98 454	11 412,203	147 561,593	12,930	12,459
29	23	98 391	10 560,012	136 149,390	12,893	12,422
30	24	98 322	9 770,929	125 589,378	12,853	12,382
31	25	98 249	9 040,451	115 818,448	12,811	12,340
32	26	98 169	8 364,041	106 777,997	12,766	12,295
33	27	98 089	7 738,116	98 413,956	12,718	12,247
34	28	97 996	7 158,139	90 675,840	12,668	12,196
35	29	97 897	6 621,246	83 517,701	12,614	12,143
36	30	97 794	6 124,279	76 896,456	12,556	12,085
37	31	97 679	5 663,958	70 772,176	12,495	12,024
38	32	97 552	5 237,622	65 108,218	12,431	11,960
39	33	97 415	4 842,812	59 870,596	12,363	11,892
40	34	97 271	4 477,477	55 027,783	12,290	11,819
41	35	97 111	4 138,999	50 550,307	12,213	11,742
42	36	96 942	3 825,718	46 411,307	12,131	11,660
43	37	96 758	3 535,606	42 585,590	12,045	11,574
44	38	96 563	3 267,117	39 049,984	11,952	11,481
45	39	96 331	3 017,847	35 782,868	11,857	11,386
46	40	96 085	2 787,153	32 765,020	11,756	11,285
47	41	95 809	2 573,308	29 977,867	11,650	11,178
48	42	95 512	2 375,291	27 404,559	11,537	11,066
49	43	95 183	2 191,762	25 029,268	11,420	10,949
50	44	94 814	2 021,542	22 837,506	11,297	10,826
51	45	94 407	1 863,765	20 815,964	11,169	10,698
52	46	93 949	1 717,339	18 952,198	11,036	10,565
53	47	93 446	1 581,616	17 234,859	10,897	10,426
54	48	92 879	1 455,583	15 653,243	10,754	10,283
55	49	92 238	1 338,460	14 197,660	10,607	10,136
56	50	91 533	1 229,834	12 859,200	10,456	9,985
57	51	90 761	1 129,137	11 629,366	10,299	9,828
58	52	89 903	1 035,608	10 500,228	10,139	9,668
59	53	88 961	948,856	9 464,621	9,975	9,504
60	54	87 940	868,483	8 515,764	9,805	9,334
61	55	86 824	793,945	7 647,282	9,632	9,161
62	56	85 606	724,819	6 853,337	9,455	8,984
63	57	84 281	660,743	6 128,518	9,275	8,804
64	58	82 861	601,489	5 467,775	9,090	8,619
65	59	81 324	546,609	4 866,286	8,903	8,432
66	60	79 693	495,969	4 319,677	8,710	8,239
67	61	77 957	449,222	3 823,708	8,512	8,041
68	62	76 118	406,138	3 374,486	8,309	7,838
69	63	74 200	366,579	2 968,348	8,097	7,626
70	64	72 145	330,021	2 601,769	7,884	7,413
71	65	70 009	296,527	2 271,748	7,661	7,190
72	66	67 739	265,663	1 975,221	7,435	6,964
73	67	65 388	237,444	1 709,559	7,200	6,729
74	68	62 906	211,511	1 472,115	6,960	6,489
75	69	60 312	187,770	1 260,604	6,714	6,243
76	70	57 611	166,074	1 072,834	6,460	5,989
77	71	54 771	146,191	906,760	6,203	5,732
78	72	51 822	128,074	760,570	5,939	5,467
79	73	48 733	111,518	632,496	5,672	5,201
80	74	45 514	96,437	520,978	5,402	4,931
81	75	42 179	82,752	424,541	5,130	4,659
82	76	38 699	70,299	341,789	4,862	4,391
83	77	35 113	59,061	271,490	4,597	4,126
84	78	31 485	49,035	212,430	4,332	3,861
85	79	27 804	40,095	163,394	4,075	3,604
86	80	24 111	32,194	123,299	3,830	3,359
87	81	20 498	25,342	91,105	3,595	3,124
88	82	17 031	19,496	65,763	3,373	2,902
89	83	13 782	14,609	46,267	3,167	2,696
90	84	10 854	10,653	31,659	2,972	2,501
91	85	8 305	7,547	21,006	2,784	2,312
92	86	6 145	5,170	13,460	2,603	2,132
93	87	4 345	3,385	8,289	2,449	1,978
94	88	2 959	2,134	4,904	2,297	1,826
95	89	1 913	1,278	2,769	2,167	1,696
96	90	1 182	0,731	1,491	2,040	1,569
97	91	683	0,391	0,760	1,944	1,473
98	92	377	0,200	0,369	1,846	1,375
99	93	196	0,096	0,169	1,760	1,289
100	94	95	0,043	0,073	1,683	1,212

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 560	58 092,400	773 263,385	13,311	12,840
8	1	99 252	53 622,984	715 170,985	13,337	12,866
9	2	99 219	49 634,356	661 548,001	13,328	12,857
10	3	99 199	45 948,351	611 913,645	13,317	12,846
11	4	99 181	42 537,011	565 965,294	13,305	12,834
12	5	99 164	39 379,305	523 428,282	13,292	12,821
13	6	99 148	36 456,561	484 048,977	13,277	12,806
14	7	99 130	33 749,853	447 592,416	13,262	12,791
15	8	99 112	31 244,173	413 842,563	13,245	12,774
16	9	99 089	28 923,149	382 598,390	13,228	12,757
17	10	99 058	26 772,428	353 675,241	13,210	12,739
18	11	99 025	24 781,025	326 902,812	13,192	12,721
19	12	98 980	22 934,828	302 121,787	13,173	12,702
20	13	98 933	21 225,840	279 186,960	13,153	12,682
21	14	98 881	19 643,217	257 961,120	13,132	12,661
22	15	98 832	18 179,117	238 317,902	13,109	12,638
23	16	98 775	16 822,832	220 138,785	13,086	12,615
24	17	98 720	15 568,025	203 315,953	13,060	12,589
25	18	98 659	14 406,031	187 747,928	13,033	12,562
26	19	98 597	13 330,449	173 341,897	13,003	12,532
27	20	98 534	12 335,188	160 011,448	12,972	12,501
28	21	98 471	11 414,085	147 676,259	12,938	12,467
29	22	98 407	10 561,731	136 262,174	12,901	12,430
30	23	98 339	9 772,688	125 700,443	12,862	12,391
31	24	98 266	9 042,078	115 927,754	12,821	12,350
32	25	98 188	8 365,633	106 885,676	12,777	12,306
33	26	98 107	7 739,573	98 520,044	12,729	12,258
34	27	98 017	7 159,680	90 780,471	12,679	12,208
35	28	97 920	6 622,806	83 620,792	12,626	12,155
36	29	97 819	6 125,864	76 997,985	12,569	12,098
37	30	97 709	5 665,755	70 872,121	12,509	12,038
38	31	97 583	5 239,267	65 206,366	12,446	11,975
39	32	97 448	4 844,472	59 967,098	12,378	11,907
40	33	97 306	4 479,091	55 122,626	12,307	11,836
41	34	97 151	4 140,680	50 643,535	12,231	11,760
42	35	96 982	3 827,295	46 502,855	12,150	11,679
43	36	96 802	3 537,227	42 675,560	12,065	11,594
44	37	96 609	3 268,668	39 138,333	11,974	11,503
45	38	96 389	3 019,669	35 869,665	11,879	11,408
46	39	96 142	2 788,830	32 849,996	11,779	11,308
47	40	95 875	2 575,074	30 061,166	11,674	11,203
48	41	95 583	2 377,051	27 486,092	11,563	11,092
49	42	95 258	2 193,503	25 109,041	11,447	10,976
50	43	94 900	2 023,379	22 915,538	11,325	10,854
51	44	94 498	1 865,576	20 892,159	11,199	10,728
52	45	94 057	1 719,320	19 026,583	11,066	10,595
53	46	93 560	1 583,544	17 307,263	10,929	10,458
54	47	93 007	1 457,580	15 723,718	10,788	10,317
55	48	92 386	1 340,597	14 266,138	10,642	10,171
56	49	91 693	1 231,987	12 925,541	10,492	10,021
57	50	90 930	1 131,234	11 693,553	10,337	9,866
58	51	90 096	1 037,832	10 562,320	10,177	9,706
59	52	89 169	951,075	9 524,488	10,014	9,543
60	53	88 166	870,719	8 573,413	9,846	9,375
61	54	87 075	796,245	7 702,694	9,674	9,203
62	55	85 884	727,179	6 906,449	9,498	9,027
63	56	84 583	663,115	6 179,270	9,319	8,848
64	57	83 187	603,859	5 516,156	9,135	8,664
65	58	81 680	548,997	4 912,297	8,948	8,477
66	59	80 070	498,314	4 363,301	8,756	8,285
67	60	78 370	451,605	3 864,986	8,558	8,087
68	61	76 554	408,461	3 413,381	8,357	7,886
69	62	74 658	368,841	3 004,921	8,147	7,676
70	63	72 635	332,263	2 636,079	7,934	7,463
71	64	70 536	298,760	2 303,816	7,711	7,240
72	65	68 284	267,797	2 005,057	7,487	7,016
73	66	65 966	239,543	1 737,260	7,252	6,781
74	67	63 508	213,536	1 497,717	7,014	6,543
75	68	60 950	189,756	1 284,181	6,768	6,297
76	69	58 285	168,015	1 094,426	6,514	6,043
77	70	55 470	148,056	926,410	6,257	5,786
78	71	52 542	129,853	778,354	5,994	5,523
79	72	49 466	113,195	648,501	5,729	5,258
80	73	46 273	98,046	535,306	5,460	4,989
81	74	42 946	84,255	437,260	5,190	4,719
82	75	39 458	71,677	353,005	4,925	4,454
83	76	35 887	60,362	281,328	4,661	4,190
84	77	32 253	50,231	220,965	4,399	3,928
85	78	28 589	41,226	170,735	4,141	3,670
86	79	24 893	33,239	129,508	3,896	3,425
87	80	21 273	26,301	96,269	3,660	3,189
88	81	17 790	20,365	69,969	3,436	2,965
89	82	14 498	15,367	49,604	3,228	2,757
90	83	11 507	11,293	34,236	3,032	2,561
91	84	8 883	8,073	22,943	2,842	2,371
92	85	6 651	5,597	14,871	2,657	2,186
93	86	4 760	3,709	9,274	2,501	2,030
94	87	3 287	2,371	5,566	2,347	1,876
95	88	2 160	1,443	3,194	2,214	1,743
96	89	1 358	0,840	1,751	2,085	1,614
97	90	801	0,459	0,911	1,987	1,516
98	91	453	0,240	0,453	1,884	1,413
99	92	241	0,118	0,212	1,795	1,324
100	93	121	0,055	0,094	1,716	1,245

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 552	53 784,626	715 495,232	13,303	12,832
9	1	99 244	49 646,665	661 710,606	13,328	12,857
10	2	99 211	45 954,060	612 063,941	13,319	12,848
11	3	99 191	42 541,399	566 109,881	13,307	12,836
12	4	99 173	39 383,073	523 568,482	13,294	12,823
13	5	99 157	36 459,809	484 185,409	13,280	12,809
14	6	99 139	33 752,839	447 725,600	13,265	12,794
15	7	99 116	31 245,624	413 972,761	13,249	12,778
16	8	99 096	28 925,165	382 727,136	13,232	12,761
17	9	99 065	26 774,066	353 801,972	13,214	12,743
18	10	99 031	24 782,475	327 027,905	13,196	12,725
19	11	98 988	22 936,601	302 245,431	13,177	12,706
20	12	98 940	21 227,507	279 308,829	13,158	12,687
21	13	98 890	19 645,068	258 081,323	13,137	12,666
22	14	98 841	18 180,793	238 436,254	13,115	12,644
23	15	98 787	16 824,880	220 255,461	13,091	12,620
24	16	98 734	15 570,317	203 430,581	13,065	12,594
25	17	98 673	14 407,993	187 860,264	13,039	12,568
26	18	98 616	13 333,076	173 452,271	13,009	12,538
27	19	98 551	12 337,345	160 119,195	12,978	12,507
28	20	98 489	11 416,196	147 781,850	12,945	12,474
29	21	98 423	10 563,473	136 365,654	12,909	12,438
30	22	98 355	9 774,280	125 802,181	12,871	12,400
31	23	98 284	9 043,705	116 027,901	12,830	12,359
32	24	98 206	8 367,138	106 984,196	12,786	12,315
33	25	98 126	7 741,045	98 617,058	12,740	12,268
34	26	98 035	7 161,027	90 876,013	12,690	12,219
35	27	97 942	6 624,232	83 714,985	12,638	12,167
36	28	97 842	6 127,308	77 090,754	12,582	12,110
37	29	97 735	5 667,222	70 963,445	12,522	12,051
38	30	97 614	5 240,929	65 296,224	12,459	11,988
39	31	97 479	4 845,994	60 055,294	12,393	11,922
40	32	97 339	4 480,626	55 209,300	12,322	11,851
41	33	97 186	4 142,173	50 728,674	12,247	11,776
42	34	97 021	3 828,849	46 586,502	12,167	11,696
43	35	96 842	3 538,686	42 757,652	12,083	11,612
44	36	96 653	3 270,168	39 218,966	11,993	11,522
45	37	96 435	3 021,103	35 948,799	11,899	11,428
46	38	96 200	2 790,513	32 927,696	11,800	11,329
47	39	95 933	2 576,623	30 137,183	11,696	11,225
48	40	95 648	2 378,682	27 560,560	11,586	11,115
49	41	95 329	2 195,128	25 181,878	11,472	11,001
50	42	94 975	2 024,987	22 986,750	11,352	10,881
51	43	94 584	1 867,272	20 961,763	11,226	10,755
52	44	94 149	1 720,990	19 094,492	11,095	10,624
53	45	93 668	1 585,371	17 373,501	10,959	10,488
54	46	93 120	1 459,357	15 788,130	10,819	10,348
55	47	92 512	1 342,437	14 328,773	10,674	10,203
56	48	91 839	1 233,954	12 986,336	10,524	10,053
57	49	91 089	1 133,215	11 752,382	10,371	9,900
58	50	90 263	1 039,758	10 619,167	10,213	9,742
59	51	89 361	953,117	9 579,409	10,051	9,580
60	52	88 373	872,755	8 626,291	9,884	9,413
61	53	87 300	798,295	7 753,537	9,713	9,242
62	54	86 133	729,286	6 955,242	9,537	9,066
63	55	84 859	665,274	6 225,956	9,358	8,887
64	56	83 486	606,026	5 560,683	9,176	8,705
65	57	82 001	551,159	4 954,656	8,990	8,518
66	58	80 420	500,491	4 403,497	8,798	8,327
67	59	78 741	453,740	3 903,005	8,602	8,131
68	60	76 960	410,627	3 449,265	8,400	7,929
69	61	75 085	370,951	3 038,638	8,191	7,720
70	62	73 083	334,314	2 667,687	7,980	7,509
71	63	71 015	300,790	2 333,374	7,757	7,286
72	64	68 798	269,813	2 032,584	7,533	7,062
73	65	66 496	241,468	1 762,771	7,300	6,829
74	66	64 069	215,423	1 521,303	7,062	6,591
75	67	61 534	191,572	1 305,880	6,817	6,346
76	68	58 901	169,792	1 114,308	6,563	6,092
77	69	56 118	149,787	944,516	6,306	5,835
78	70	53 212	131,510	794,729	6,043	5,572
79	71	50 153	114,767	663,219	5,779	5,308
80	72	46 969	99,521	548,452	5,511	5,040
81	73	43 663	85,661	448,931	5,241	4,770
82	74	40 174	72,980	363,270	4,978	4,507
83	75	36 591	61,546	290,290	4,717	4,246
84	76	32 964	51,338	228,744	4,456	3,985
85	77	29 286	42,231	177,406	4,201	3,730
86	78	25 596	34,177	135,175	3,955	3,484
87	79	21 963	27,154	100,998	3,719	3,248
88	80	18 463	21,136	73,844	3,494	3,023
89	81	15 144	16,052	52,709	3,284	2,813
90	82	12 104	11,880	36,657	3,086	2,615
91	83	9 417	8,558	24,777	2,895	2,424
92	84	7 115	5,987	16,219	2,709	2,238
93	85	5 152	4,014	10,232	2,549	2,078
94	86	3 601	2,598	6,218	2,394	1,922
95	87	2 400	1,603	3,620	2,259	1,788
96	88	1 533	0,948	2,017	2,127	1,656
97	89	920	0,527	1,069	2,029	1,557
98	90	531	0,282	0,542	1,924	1,452
99	91	290	0,142	0,260	1,831	1,359
100	92	149	0,068	0,118	1,749	1,278

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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9	0	99 543	49 796,320	662 008,332	13,294	12,823
10	1	99 236	45 965,457	612 212,011	13,319	12,848
11	2	99 204	42 546,684	566 246,555	13,309	12,838
12	3	99 184	39 387,135	523 699,871	13,296	12,825
13	4	99 166	36 463,298	484 312,735	13,282	12,811
14	5	99 147	33 755,846	447 849,437	13,267	12,796
15	6	99 125	31 248,389	414 093,591	13,252	12,781
16	7	99 101	28 926,509	382 845,203	13,235	12,764
17	8	99 071	26 775,932	353 918,694	13,218	12,747
18	9	99 037	24 783,991	327 142,762	13,200	12,729
19	10	98 993	22 937,943	302 358,771	13,182	12,711
20	11	98 948	21 229,148	279 420,828	13,162	12,691
21	12	98 898	19 646,611	258 191,680	13,142	12,671
22	13	98 850	18 182,507	238 545,069	13,119	12,648
23	14	98 796	16 826,431	220 362,562	13,096	12,625
24	15	98 746	15 572,212	203 536,131	13,070	12,599
25	16	98 687	14 410,115	187 963,919	13,044	12,573
26	17	98 630	13 334,892	173 553,805	13,015	12,544
27	18	98 571	12 339,776	160 218,913	12,984	12,513
28	19	98 506	11 418,192	147 879,137	12,951	12,480
29	20	98 441	10 565,427	136 460,945	12,916	12,445
30	21	98 371	9 775,892	125 895,518	12,878	12,407
31	22	98 300	9 045,178	116 119,627	12,838	12,367
32	23	98 223	8 368,644	107 074,449	12,795	12,324
33	24	98 144	7 742,438	98 705,805	12,749	12,278
34	25	98 054	7 162,390	90 963,366	12,700	12,229
35	26	97 960	6 625,478	83 800,976	12,648	12,177
36	27	97 863	6 128,627	77 175,498	12,593	12,122
37	28	97 758	5 668,558	71 046,871	12,534	12,062
38	29	97 639	5 242,286	65 378,313	12,471	12,000
39	30	97 510	4 847,531	60 136,027	12,405	11,934
40	31	97 370	4 482,033	55 288,496	12,336	11,865
41	32	97 219	4 143,592	50 806,463	12,261	11,790
42	33	97 056	3 830,230	46 662,871	12,183	11,712
43	34	96 881	3 540,123	42 832,641	12,099	11,628
44	35	96 693	3 271,516	39 292,518	12,010	11,539
45	36	96 479	3 022,489	36 021,002	11,918	11,447
46	37	96 246	2 791,838	32 998,513	11,820	11,349
47	38	95 991	2 578,178	30 206,675	11,716	11,245
48	39	95 706	2 380,113	27 628,497	11,608	11,137
49	40	95 394	2 196,634	25 248,384	11,494	11,023
50	41	95 046	2 026,487	23 051,750	11,375	10,904
51	42	94 659	1 868,755	21 025,263	11,251	10,780
52	43	94 234	1 722,555	19 156,508	11,121	10,650
53	44	93 759	1 586,911	17 433,954	10,986	10,515
54	45	93 228	1 461,041	15 847,042	10,846	10,375
55	46	92 625	1 344,073	14 386,001	10,703	10,232
56	47	91 966	1 235,648	13 041,928	10,555	10,084
57	48	91 235	1 135,024	11 806,281	10,402	9,931
58	49	90 421	1 041,579	10 671,257	10,245	9,774
59	50	89 527	954,887	9 629,678	10,085	9,614
60	51	88 562	874,629	8 674,791	9,918	9,447
61	52	87 504	800,162	7 800,162	9,748	9,277
62	53	86 355	731,163	7 000,000	9,574	9,103
63	54	85 105	667,201	6 268,837	9,396	8,925
64	55	83 757	608,000	5 601,636	9,213	8,742
65	56	82 296	553,138	4 993,637	9,028	8,557
66	57	80 737	502,463	4 440,499	8,837	8,366
67	58	79 085	455,722	3 938,036	8,641	8,170
68	59	77 324	412,569	3 482,313	8,441	7,970
69	60	75 484	372,918	3 069,744	8,232	7,761
70	61	73 501	336,226	2 696,826	8,021	7,550
71	62	71 453	302,646	2 360,601	7,800	7,329
72	63	69 265	271,647	2 057,955	7,576	7,105
73	64	66 996	243,286	1 786,308	7,342	6,871
74	65	64 584	217,154	1 543,023	7,106	6,635
75	66	62 078	193,265	1 325,869	6,860	6,389
76	67	59 465	171,418	1 132,603	6,607	6,136
77	68	56 712	151,371	961,185	6,350	5,879
78	69	53 834	133,047	809,815	6,087	5,616
79	70	50 793	116,232	676,767	5,823	5,352
80	71	47 622	100,903	560,536	5,555	5,084
81	72	44 319	86,949	459,633	5,286	4,815
82	73	40 845	74,198	372,683	5,023	4,552
83	74	37 256	62,664	298,486	4,763	4,292
84	75	33 610	52,345	235,821	4,505	4,034
85	76	29 931	43,162	183,477	4,251	3,780
86	77	26 220	35,010	140,315	4,008	3,537
87	78	22 583	27,920	105,305	3,772	3,301
88	79	19 062	21,821	77,385	3,546	3,075
89	80	15 718	16,660	55,564	3,335	2,864
90	81	12 644	12,409	38,904	3,135	2,664
91	82	9 907	9,003	26,495	2,943	2,472
92	83	7 543	6,347	17,492	2,756	2,285
93	84	5 511	4,294	11,145	2,596	2,125
94	85	3 898	2,812	6,852	2,437	1,965
95	86	2 629	1,756	4,040	2,300	1,829
96	87	1 704	1,054	2,284	2,167	1,696
97	88	1 039	0,595	1,230	2,067	1,596
98	89	611	0,324	0,635	1,961	1,490
99	90	340	0,167	0,311	1,866	1,395
100	91	178	0,081	0,144	1,781	1,310

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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10	0	99 535	46 104,015	612 485,384	13,285	12,814
11	1	99 228	42 557,236	566 381,369	13,309	12,838
12	2	99 196	39 392,029	523 824,133	13,298	12,827
13	3	99 177	36 467,059	484 432,105	13,284	12,813
14	4	99 157	33 759,076	447 965,045	13,269	12,798
15	5	99 134	31 251,172	414 205,969	13,254	12,783
16	6	99 109	28 929,068	382 954,797	13,238	12,767
17	7	99 076	26 777,176	354 025,729	13,221	12,750
18	8	99 044	24 785,718	327 248,553	13,203	12,732
19	9	98 999	22 939,346	302 462,835	13,185	12,714
20	10	98 954	21 230,390	279 523,489	13,166	12,695
21	11	98 905	19 648,130	258 293,099	13,146	12,675
22	12	98 858	18 183,934	238 644,968	13,124	12,653
23	13	98 805	16 828,016	220 461,034	13,101	12,630
24	14	98 755	15 573,648	203 633,018	13,075	12,604
25	15	98 699	14 411,868	188 059,369	13,049	12,578
26	16	98 644	13 336,856	173 647,501	13,020	12,549
27	17	98 584	12 341,456	160 310,646	12,990	12,519
28	18	98 525	11 420,442	147 969,189	12,957	12,485
29	19	98 458	10 567,274	136 548,747	12,922	12,451
30	20	98 390	9 777,699	125 981,474	12,885	12,414
31	21	98 316	9 046,670	116 203,775	12,845	12,374
32	22	98 239	8 370,007	107 157,105	12,803	12,331
33	23	98 161	7 743,832	98 787,098	12,757	12,286
34	24	98 072	7 163,679	91 043,266	12,709	12,238
35	25	97 979	6 626,739	83 879,587	12,658	12,187
36	26	97 881	6 129,781	77 252,848	12,603	12,132
37	27	97 779	5 669,778	71 123,067	12,544	12,073
38	28	97 662	5 243,522	65 453,290	12,483	12,012
39	29	97 535	4 848,786	60 209,768	12,417	11,946
40	30	97 401	4 483,455	55 360,982	12,348	11,877
41	31	97 250	4 144,894	50 877,527	12,275	11,804
42	32	97 089	3 831,542	46 732,633	12,197	11,726
43	33	96 916	3 541,399	42 901,091	12,114	11,643
44	34	96 732	3 272,845	39 359,692	12,026	11,555
45	35	96 519	3 023,735	36 086,847	11,935	11,463
46	36	96 290	2 793,119	33 063,112	11,837	11,366
47	37	96 036	2 579,402	30 269,993	11,735	11,264
48	38	95 763	2 381,549	27 690,591	11,627	11,156
49	39	95 452	2 197,956	25 309,042	11,515	11,044
50	40	95 111	2 027,877	23 111,086	11,397	10,926
51	41	94 730	1 870,139	21 083,209	11,274	10,803
52	42	94 309	1 723,923	19 213,069	11,145	10,674
53	43	93 844	1 588,354	17 489,146	11,011	10,540
54	44	93 318	1 462,460	15 900,793	10,873	10,402
55	45	92 732	1 345,624	14 438,332	10,730	10,259
56	46	92 078	1 237,154	13 092,709	10,583	10,112
57	47	91 360	1 136,581	11 855,555	10,431	9,960
58	48	90 566	1 043,242	10 718,974	10,275	9,804
59	49	89 684	956,559	9 675,731	10,115	9,644
60	50	88 727	876,253	8 719,172	9,951	9,479
61	51	87 692	801,880	7 842,920	9,781	9,310
62	52	86 557	732,873	7 041,040	9,607	9,136
63	53	85 324	668,919	6 308,167	9,430	8,959
64	54	84 000	609,761	5 639,249	9,248	8,777
65	55	82 564	554,939	5 029,488	9,063	8,592
66	56	81 027	504,267	4 474,549	8,873	8,402
67	57	79 396	457,518	3 970,282	8,678	8,207
68	58	77 661	414,371	3 512,764	8,477	8,006
69	59	75 841	374,681	3 098,393	8,269	7,798
70	60	73 891	338,009	2 723,711	8,058	7,587
71	61	71 862	304,377	2 385,703	7,838	7,367
72	62	69 693	273,323	2 081,326	7,615	7,144
73	63	67 451	244,939	1 808,003	7,381	6,910
74	64	65 070	218,789	1 563,064	7,144	6,673
75	65	62 577	194,818	1 344,275	6,900	6,429
76	66	59 991	172,933	1 149,457	6,647	6,176
77	67	57 254	152,820	976,524	6,390	5,919
78	68	54 404	134,454	823,704	6,126	5,655
79	69	51 386	117,590	689,249	5,861	5,390
80	70	48 229	102,191	571,659	5,594	5,123
81	71	44 935	88,157	469,468	5,325	4,854
82	72	41 459	75,313	381,311	5,063	4,592
83	73	37 877	63,710	305,998	4,803	4,332
84	74	34 221	53,296	242,288	4,546	4,075
85	75	30 518	44,009	188,992	4,294	3,823
86	76	26 798	35,781	144,984	4,052	3,581
87	77	23 134	28,601	109,202	3,818	3,347
88	78	19 600	22,437	80,601	3,592	3,121
89	79	16 227	17,200	58,165	3,382	2,911
90	80	13 122	12,879	40,964	3,181	2,710
91	81	10 348	9,404	28,086	2,987	2,516
92	82	7 934	6,676	18,682	2,798	2,327
93	83	5 843	4,552	12,006	2,637	2,166
94	84	4 170	3,008	7,454	2,478	2,007
95	85	2 846	1,901	4,446	2,339	1,868
96	86	1 866	1,154	2,545	2,205	1,734
97	87	1 154	0,661	1,391	2,104	1,633
98	88	689	0,365	0,730	1,996	1,525
99	89	390	0,192	0,364	1,901	1,430
100	90	209	0,095	0,173	1,814	1,343

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
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10						
11	0	99 527	42 685,520	566 632,381	13,275	12,804
12	1	99 220	39 401,798	523 946,860	13,298	12,826
13	2	99 189	36 471,590	484 545,062	13,286	12,815
14	3	99 167	33 762,558	448 073,472	13,271	12,800
15	4	99 143	31 254,163	414 310,914	13,256	12,785
16	5	99 118	28 931,645	383 056,751	13,240	12,769
17	6	99 085	26 779,545	354 125,107	13,224	12,753
18	7	99 049	24 786,869	327 345,562	13,206	12,735
19	8	99 006	22 940,945	302 558,692	13,189	12,718
20	9	98 960	21 231,689	279 617,747	13,170	12,699
21	10	98 911	19 649,280	258 386,058	13,150	12,679
22	11	98 865	18 185,341	238 736,778	13,128	12,657
23	12	98 813	16 829,338	220 551,438	13,105	12,634
24	13	98 765	15 575,115	203 722,100	13,080	12,609
25	14	98 708	14 413,197	188 146,984	13,054	12,583
26	15	98 656	13 338,479	173 733,787	13,025	12,554
27	16	98 599	12 343,274	160 395,309	12,995	12,524
28	17	98 539	11 421,997	148 052,035	12,962	12,491
29	18	98 478	10 569,356	136 630,038	12,927	12,456
30	19	98 407	9 779,409	126 060,682	12,890	12,419
31	20	98 334	9 048,343	116 281,273	12,851	12,380
32	21	98 256	8 371,387	107 232,930	12,809	12,338
33	22	98 177	7 745,093	98 861,543	12,764	12,293
34	23	98 089	7 164,968	91 116,450	12,717	12,246
35	24	97 996	6 627,932	83 951,482	12,666	12,195
36	25	97 900	6 130,947	77 323,550	12,612	12,141
37	26	97 797	5 670,845	71 192,603	12,554	12,083
38	27	97 683	5 244,650	65 521,759	12,493	12,022
39	28	97 558	4 849,929	60 277,109	12,428	11,957
40	29	97 426	4 484,615	55 427,180	12,359	11,888
41	30	97 280	4 146,209	50 942,564	12,287	11,815
42	31	97 120	3 832,746	46 796,355	12,210	11,739
43	32	96 949	3 542,613	42 963,610	12,128	11,657
44	33	96 767	3 274,024	39 420,997	12,041	11,569
45	34	96 558	3 024,963	36 146,972	11,950	11,479
46	35	96 330	2 794,271	33 122,009	11,854	11,382
47	36	96 080	2 580,586	30 327,739	11,752	11,281
48	37	95 809	2 382,680	27 747,153	11,645	11,174
49	38	95 509	2 199,282	25 364,473	11,533	11,062
50	39	95 168	2 029,097	23 165,190	11,417	10,945
51	40	94 795	1 871,423	21 136,093	11,294	10,823
52	41	94 379	1 725,200	19 264,671	11,167	10,696
53	42	93 918	1 589,615	17 539,471	11,034	10,563
54	43	93 403	1 463,789	15 949,855	10,896	10,425
55	44	92 822	1 346,931	14 486,066	10,755	10,284
56	45	92 184	1 238,581	13 139,135	10,608	10,137
57	46	91 471	1 137,967	11 900,554	10,458	9,987
58	47	90 690	1 044,674	10 762,587	10,302	9,831
59	48	89 827	958,086	9 717,913	10,143	9,672
60	49	88 882	877,787	8 759,827	9,979	9,508
61	50	87 854	803,369	7 882,040	9,811	9,340
62	51	86 743	734,447	7 078,672	9,638	9,167
63	52	85 523	670,483	6 344,225	9,462	8,991
64	53	84 216	611,331	5 673,742	9,281	8,810
65	54	82 803	556,547	5 062,411	9,096	8,625
66	55	81 291	505,909	4 505,865	8,906	8,435
67	56	79 681	459,160	3 999,956	8,711	8,240
68	57	77 967	416,004	3 540,796	8,511	8,040
69	58	76 172	376,318	3 124,792	8,304	7,833
70	59	74 240	339,607	2 748,474	8,093	7,622
71	60	72 243	305,991	2 408,867	7,872	7,401
72	61	70 091	274,886	2 102,876	7,650	7,179
73	62	67 868	246,450	1 827,990	7,417	6,946
74	63	65 513	220,276	1 581,539	7,180	6,709
75	64	63 048	196,285	1 361,264	6,935	6,464
76	65	60 473	174,322	1 164,978	6,683	6,212
77	66	57 761	154,171	990,656	6,426	5,955
78	67	54 924	135,742	836,485	6,162	5,691
79	68	51 930	118,834	700,744	5,897	5,426
80	69	48 793	103,385	581,910	5,629	5,158
81	70	45 508	89,282	478,525	5,360	4,889
82	71	42 035	76,360	389,242	5,097	4,626
83	72	38 447	64,668	312,883	4,838	4,367
84	73	34 792	54,185	248,215	4,581	4,110
85	74	31 072	44,808	194,030	4,330	3,859
86	75	27 323	36,483	149,222	4,090	3,619
87	76	23 644	29,231	112,739	3,857	3,386
88	77	20 078	22,984	83,507	3,633	3,162
89	78	16 685	17,686	60,524	3,422	2,951
90	79	13 548	13,296	42,838	3,222	2,751
91	80	10 740	9,760	29,542	3,027	2,556
92	81	8 288	6,974	19,782	2,837	2,366
93	82	6 146	4,788	12,808	2,675	2,204
94	83	4 420	3,189	8,020	2,515	2,044
95	84	3 044	2,033	4,831	2,376	1,905
96	85	2 020	1,249	2,798	2,239	1,768
97	86	1 265	0,724	1,548	2,138	1,667
98	87	766	0,406	0,824	2,029	1,558
99	88	441	0,216	0,418	1,933	1,462
100	89	240	0,109	0,202	1,845	1,374

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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12	0	99 520	39 520,571	524 177,341	13,263	12,792
13	1	99 214	36 480,635	484 656,770	13,285	12,814
14	2	99 179	33 766,753	448 176,135	13,273	12,802
15	3	99 154	31 257,387	414 409,383	13,258	12,787
16	4	99 128	28 934,414	383 151,996	13,242	12,771
17	5	99 094	26 781,931	354 217,583	13,226	12,755
18	6	99 058	24 789,062	327 435,652	13,209	12,738
19	7	99 011	22 942,011	302 646,590	13,192	12,721
20	8	98 967	21 233,169	279 704,579	13,173	12,702
21	9	98 917	19 650,482	258 471,411	13,153	12,682
22	10	98 871	18 186,404	238 820,929	13,132	12,661
23	11	98 820	16 830,639	220 634,524	13,109	12,638
24	12	98 772	15 576,339	203 803,885	13,084	12,613
25	13	98 718	14 414,555	188 227,546	13,058	12,587
26	14	98 665	13 339,709	173 812,991	13,030	12,559
27	15	98 611	12 344,776	160 473,283	12,999	12,528
28	16	98 553	11 423,679	148 128,507	12,967	12,496
29	17	98 491	10 570,795	136 704,828	12,932	12,461
30	18	98 426	9 781,336	126 134,032	12,895	12,424
31	19	98 352	9 049,925	116 352,697	12,857	12,386
32	20	98 274	8 372,935	107 302,772	12,815	12,344
33	21	98 193	7 746,370	98 929,837	12,771	12,300
34	22	98 105	7 166,135	91 183,467	12,724	12,253
35	23	98 014	6 629,125	84 017,331	12,674	12,203
36	24	97 918	6 132,050	77 388,207	12,620	12,149
37	25	97 816	5 671,924	71 256,156	12,563	12,092
38	26	97 701	5 245,637	65 584,233	12,503	12,032
39	27	97 579	4 850,973	60 338,595	12,438	11,967
40	28	97 449	4 485,672	55 487,623	12,370	11,899
41	29	97 306	4 147,282	51 001,950	12,298	11,827
42	30	97 151	3 833,962	46 854,668	12,221	11,750
43	31	96 980	3 543,726	43 020,707	12,140	11,669
44	32	96 800	3 275,147	39 476,981	12,054	11,582
45	33	96 593	3 026,053	36 201,834	11,963	11,492
46	34	96 369	2 795,406	33 175,781	11,868	11,397
47	35	96 120	2 581,650	30 380,375	11,768	11,297
48	36	95 853	2 383,773	27 798,726	11,662	11,191
49	37	95 555	2 200,327	25 414,953	11,551	11,079
50	38	95 225	2 030,322	23 214,626	11,434	10,963
51	39	94 852	1 872,548	21 184,304	11,313	10,842
52	40	94 444	1 726,384	19 311,756	11,186	10,715
53	41	93 988	1 590,793	17 585,372	11,054	10,583
54	42	93 477	1 464,952	15 994,579	10,918	10,447
55	43	92 907	1 348,155	14 529,627	10,777	10,306
56	44	92 273	1 239,784	13 181,472	10,632	10,161
57	45	91 577	1 139,280	11 941,687	10,482	10,011
58	46	90 800	1 045,947	10 802,408	10,328	9,857
59	47	89 950	959,401	9 756,460	10,169	9,698
60	48	89 024	879,189	8 797,060	10,006	9,535
61	49	88 008	804,775	7 917,871	9,839	9,368
62	50	86 904	735,810	7 113,096	9,667	9,196
63	51	85 707	671,923	6 377,286	9,491	9,020
64	52	84 413	612,760	5 705,363	9,311	8,840
65	53	83 016	557,979	5 092,603	9,127	8,656
66	54	81 526	507,374	4 534,623	8,937	8,466
67	55	79 941	460,655	4 027,249	8,742	8,271
68	56	78 247	417,497	3 566,594	8,543	8,072
69	57	76 472	377,801	3 149,097	8,335	7,864
70	58	74 565	341,091	2 771,296	8,125	7,654
71	59	72 585	307,438	2 430,205	7,905	7,434
72	60	70 463	276,344	2 122,767	7,682	7,211
73	61	68 256	247,860	1 846,423	7,449	6,978
74	62	65 917	221,635	1 598,563	7,213	6,742
75	63	63 476	197,619	1 376,928	6,968	6,497
76	64	60 928	175,635	1 179,309	6,715	6,244
77	65	58 225	155,410	1 003,675	6,458	5,987
78	66	55 410	136,941	848,265	6,194	5,723
79	67	52 427	119,972	711,324	5,929	5,458
80	68	49 309	104,479	591,352	5,660	5,189
81	69	46 040	90,326	486,873	5,390	4,919
82	70	42 571	77,334	396,548	5,128	4,657
83	71	38 981	65,566	319,214	4,869	4,398
84	72	35 315	55,000	253,647	4,612	4,141
85	73	31 591	45,556	198,648	4,361	3,889
86	74	27 820	37,146	153,092	4,121	3,650
87	75	24 107	29,804	115,946	3,890	3,419
88	76	20 520	23,490	86,141	3,667	3,196
89	77	17 092	18,117	62,651	3,458	2,987
90	78	13 930	13,672	44,534	3,257	2,786
91	79	11 088	10,076	30,862	3,063	2,592
92	80	8 602	7,238	20,786	2,872	2,401
93	81	6 420	5,002	13,549	2,709	2,238
94	82	4 650	3,355	8,547	2,548	2,077
95	83	3 227	2,155	5,192	2,409	1,938
96	84	2 161	1,336	3,037	2,272	1,801
97	85	1 369	0,784	1,700	2,169	1,698
98	86	839	0,445	0,916	2,060	1,589
99	87	489	0,240	0,472	1,963	1,492
100	88	271	0,123	0,231	1,874	1,403

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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13	0	99 513	36 590,602	484 868,402	13,251	12,780
14	1	99 204	33 775,127	448 277,800	13,272	12,801
15	2	99 166	31 261,270	414 502,673	13,259	12,788
16	3	99 138	28 937,398	383 241,403	13,244	12,773
17	4	99 103	26 784,494	354 304,005	13,228	12,757
18	5	99 066	24 791,271	327 519,512	13,211	12,740
19	6	99 020	22 944,040	302 728,241	13,194	12,723
20	7	98 971	21 234,155	279 784,201	13,176	12,705
21	8	98 924	19 651,851	258 550,046	13,157	12,685
22	9	98 877	18 187,517	238 898,195	13,135	12,664
23	10	98 826	16 831,624	220 710,678	13,113	12,642
24	11	98 780	15 577,543	203 879,054	13,088	12,617
25	12	98 725	14 415,687	188 301,510	13,062	12,591
26	13	98 674	13 340,965	173 885,823	13,034	12,563
27	14	98 620	12 345,914	160 544,858	13,004	12,533
28	15	98 565	11 425,069	148 198,944	12,971	12,500
29	16	98 506	10 572,352	136 773,874	12,937	12,466
30	17	98 440	9 782,668	126 201,522	12,901	12,429
31	18	98 371	9 051,708	116 418,855	12,862	12,390
32	19	98 291	8 374,399	107 367,147	12,821	12,350
33	20	98 212	7 747,803	98 992,748	12,777	12,306
34	21	98 122	7 167,317	91 244,945	12,731	12,260
35	22	98 030	6 630,204	84 077,628	12,681	12,210
36	23	97 935	6 133,154	77 447,424	12,628	12,157
37	24	97 833	5 672,944	71 314,270	12,571	12,100
38	25	97 720	5 246,635	65 641,325	12,511	12,040
39	26	97 597	4 851,886	60 394,690	12,448	11,977
40	27	97 470	4 486,638	55 542,804	12,380	11,909
41	28	97 328	4 148,260	51 056,166	12,308	11,837
42	29	97 176	3 834,954	46 907,907	12,232	11,761
43	30	97 011	3 544,850	43 072,953	12,151	11,680
44	31	96 831	3 276,175	39 528,103	12,065	11,594
45	32	96 626	3 027,091	36 251,928	11,976	11,505
46	33	96 404	2 796,413	33 224,837	11,881	11,410
47	34	96 159	2 582,698	30 428,424	11,782	11,311
48	35	95 892	2 384,756	27 845,726	11,677	11,206
49	36	95 598	2 201,336	25 460,970	11,566	11,095
50	37	95 271	2 031,286	23 259,634	11,451	10,980
51	38	94 909	1 873,678	21 228,347	11,330	10,859
52	39	94 500	1 727,422	19 354,669	11,204	10,733
53	40	94 053	1 591,885	17 627,247	11,073	10,602
54	41	93 547	1 466,037	16 035,362	10,938	10,467
55	42	92 980	1 349,226	14 569,325	10,798	10,327
56	43	92 357	1 240,911	13 220,099	10,654	10,182
57	44	91 666	1 140,386	11 979,187	10,504	10,033
58	45	90 905	1 047,154	10 838,801	10,351	9,880
59	46	90 060	960,570	9 791,647	10,194	9,723
60	47	89 146	880,395	8 831,077	10,031	9,560
61	48	88 149	806,060	7 950,682	9,864	9,393
62	49	87 056	737,099	7 144,622	9,693	9,222
63	50	85 866	673,170	6 407,523	9,518	9,047
64	51	84 595	614,076	5 734,353	9,338	8,867
65	52	83 210	559,284	5 120,277	9,155	8,684
66	53	81 736	508,680	4 560,993	8,966	8,495
67	54	80 172	461,990	4 052,312	8,771	8,300
68	55	78 502	418,857	3 590,323	8,572	8,101
69	56	76 746	379,157	3 171,466	8,365	7,893
70	57	74 858	342,435	2 792,309	8,154	7,683
71	58	72 902	308,781	2 449,875	7,934	7,463
72	59	70 796	277,651	2 141,094	7,711	7,240
73	60	68 618	249,174	1 863,443	7,478	7,007
74	61	66 294	222,903	1 614,268	7,242	6,771
75	62	63 868	198,839	1 391,366	6,997	6,526
76	63	61 342	176,828	1 192,527	6,744	6,273
77	64	58 663	156,580	1 015,699	6,487	6,016
78	65	55 855	138,042	859,119	6,224	5,753
79	66	52 890	121,032	721,078	5,958	5,487
80	67	49 781	105,479	600,046	5,689	5,218
81	68	46 527	91,281	494,567	5,418	4,947
82	69	43 069	78,238	403,286	5,155	4,684
83	70	39 478	66,403	325,048	4,895	4,424
84	71	35 805	55,764	258,645	4,638	4,167
85	72	32 066	46,241	202,881	4,387	3,916
86	73	28 284	37,766	156,640	4,148	3,677
87	74	24 545	30,346	118,874	3,917	3,446
88	75	20 923	23,951	88,528	3,696	3,225
89	76	17 469	18,516	64,577	3,488	3,017
90	77	14 270	14,005	46,061	3,289	2,818
91	78	11 401	10,361	32,056	3,094	2,623
92	79	8 881	7,472	21,696	2,903	2,432
93	80	6 663	5,191	14,223	2,740	2,269
94	81	4 857	3,504	9,032	2,578	2,107
95	82	3 395	2,267	5,528	2,438	1,967
96	83	2 291	1,417	3,261	2,302	1,831
97	84	1 464	0,838	1,844	2,199	1,728
98	85	908	0,481	1,005	2,088	1,617
99	86	536	0,263	0,524	1,990	1,519
100	87	302	0,137	0,261	1,902	1,431

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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13						
14	0	99 503	33 876,939	448 472,123	13,238	12,767
15	1	99 191	31 269,023	414 595,184	13,259	12,788
16	2	99 150	28 940,993	383 326,161	13,245	12,774
17	3	99 113	26 787,256	354 385,168	13,230	12,759
18	4	99 076	24 793,643	327 597,912	13,213	12,742
19	5	99 028	22 946,084	302 804,269	13,196	12,725
20	6	98 980	21 236,034	279 858,185	13,178	12,707
21	7	98 929	19 652,764	258 622,151	13,160	12,689
22	8	98 884	18 188,784	238 969,387	13,138	12,667
23	9	98 832	16 832,654	220 780,602	13,116	12,645
24	10	98 786	15 578,454	203 947,949	13,092	12,621
25	11	98 733	14 416,802	188 369,494	13,066	12,595
26	12	98 682	13 342,013	173 952,692	13,038	12,567
27	13	98 629	12 347,078	160 610,679	13,008	12,537
28	14	98 574	11 426,123	148 263,602	12,976	12,505
29	15	98 517	10 573,639	136 837,479	12,941	12,470
30	16	98 454	9 784,108	126 263,840	12,905	12,434
31	17	98 384	9 052,941	116 479,732	12,867	12,395
32	18	98 310	8 376,049	107 426,791	12,825	12,354
33	19	98 229	7 749,157	99 050,742	12,782	12,311
34	20	98 140	7 168,642	91 301,585	12,736	12,265
35	21	98 046	6 631,298	84 132,943	12,687	12,216
36	22	97 951	6 134,153	77 501,645	12,634	12,163
37	23	97 851	5 673,966	71 367,492	12,578	12,107
38	24	97 738	5 247,580	65 693,527	12,519	12,048
39	25	97 616	4 852,809	60 445,947	12,456	11,985
40	26	97 488	4 487,482	55 593,138	12,388	11,917
41	27	97 349	4 149,152	51 105,656	12,317	11,846
42	28	97 199	3 835,858	46 956,504	12,241	11,770
43	29	97 036	3 545,767	43 120,646	12,161	11,690
44	30	96 861	3 277,215	39 574,878	12,076	11,605
45	31	96 656	3 028,041	36 297,664	11,987	11,516
46	32	96 437	2 797,372	33 269,622	11,893	11,422
47	33	96 194	2 583,629	30 472,250	11,794	11,323
48	34	95 931	2 385,725	27 888,621	11,690	11,219
49	35	95 638	2 202,244	25 502,897	11,580	11,109
50	36	95 314	2 032,218	23 300,653	11,466	10,995
51	37	94 954	1 874,568	21 268,435	11,346	10,875
52	38	94 557	1 728,465	19 393,867	11,220	10,749
53	39	94 109	1 592,842	17 665,402	11,090	10,619
54	40	93 611	1 467,043	16 072,560	10,956	10,485
55	41	93 049	1 350,226	14 605,516	10,817	10,346
56	42	92 431	1 241,897	13 255,291	10,673	10,202
57	43	91 749	1 141,423	12 013,394	10,525	10,054
58	44	90 993	1 048,171	10 871,971	10,372	9,901
59	45	90 164	961,678	9 823,800	10,215	9,744
60	46	89 255	881,468	8 862,121	10,054	9,583
61	47	88 270	807,166	7 980,653	9,887	9,416
62	48	87 195	738,275	7 173,487	9,717	9,246
63	49	86 016	674,349	6 435,212	9,543	9,072
64	50	84 752	615,216	5 760,863	9,364	8,893
65	51	83 389	560,485	5 145,646	9,181	8,710
66	52	81 927	509,870	4 585,161	8,993	8,522
67	53	80 379	463,179	4 075,291	8,799	8,327
68	54	78 729	420,070	3 612,112	8,599	8,128
69	55	76 996	380,391	3 192,043	8,391	7,920
70	56	75 127	343,664	2 811,651	8,181	7,710
71	57	73 189	309,998	2 467,987	7,961	7,490
72	58	71 105	278,864	2 157,990	7,739	7,267
73	59	68 942	250,353	1 879,126	7,506	7,035
74	60	66 645	224,085	1 628,773	7,269	6,798
75	61	64 233	199,976	1 404,688	7,024	6,553
76	62	61 720	177,920	1 204,713	6,771	6,300
77	63	59 062	157,644	1 026,793	6,513	6,042
78	64	56 276	139,081	869,150	6,249	5,778
79	65	53 315	122,005	730,069	5,984	5,513
80	66	50 221	106,411	608,064	5,714	5,243
81	67	46 972	92,155	501,653	5,444	4,973
82	68	43 525	79,065	409,498	5,179	4,708
83	69	39 940	67,179	330,433	4,919	4,448
84	70	36 262	56,475	263,254	4,661	4,190
85	71	32 512	46,883	206,778	4,410	3,939
86	72	28 709	38,334	159,895	4,171	3,700
87	73	24 955	30,852	121,561	3,940	3,469
88	74	21 303	24,386	90,709	3,720	3,249
89	75	17 811	18,879	66,323	3,513	3,042
90	76	14 584	14,314	47,444	3,315	2,844
91	77	11 679	10,613	33,130	3,122	2,651
92	78	9 131	7,683	22,517	2,931	2,460
93	79	6 879	5,360	14,833	2,768	2,297
94	80	5 041	3,637	9,474	2,605	2,134
95	81	3 546	2,368	5,837	2,465	1,993
96	82	2 410	1,490	3,469	2,327	1,856
97	83	1 552	0,889	1,978	2,226	1,755
98	84	971	0,515	1,089	2,115	1,644
99	85	580	0,285	0,574	2,016	1,545
100	86	330	0,150	0,289	1,927	1,456

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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15	0	99 490	31 363,280	414 773,610	13,225	12,754
16	1	99 175	28 948,170	383 410,330	13,245	12,774
17	2	99 126	26 790,584	354 462,159	13,231	12,760
18	3	99 086	24 796,200	327 671,575	13,215	12,744
19	4	99 038	22 948,280	302 875,375	13,198	12,727
20	5	98 989	21 237,925	279 927,095	13,181	12,709
21	6	98 937	19 654,503	258 689,169	13,162	12,691
22	7	98 889	18 189,629	239 034,667	13,141	12,670
23	8	98 839	16 833,827	220 845,037	13,119	12,648
24	9	98 792	15 579,407	204 011,210	13,095	12,624
25	10	98 739	14 417,645	188 431,803	13,070	12,598
26	11	98 690	13 343,045	174 014,158	13,042	12,571
27	12	98 637	12 348,047	160 671,113	13,012	12,541
28	13	98 584	11 427,199	148 323,066	12,980	12,509
29	14	98 527	10 574,614	136 895,866	12,946	12,475
30	15	98 466	9 785,299	126 321,253	12,909	12,438
31	16	98 399	9 054,274	116 535,954	12,871	12,400
32	17	98 324	8 377,190	107 481,680	12,830	12,359
33	18	98 248	7 750,684	99 104,490	12,787	12,316
34	19	98 157	7 169,896	91 353,806	12,741	12,270
35	20	98 064	6 632,524	84 183,910	12,693	12,222
36	21	97 967	6 135,164	77 551,387	12,640	12,169
37	22	97 867	5 674,890	71 416,222	12,585	12,114
38	23	97 755	5 248,524	65 741,333	12,526	12,055
39	24	97 633	4 853,682	60 492,808	12,463	11,992
40	25	97 507	4 488,336	55 639,126	12,396	11,925
41	26	97 368	4 149,933	51 150,790	12,326	11,855
42	27	97 220	3 836,684	47 000,857	12,250	11,779
43	28	97 059	3 546,603	43 164,173	12,171	11,700
44	29	96 886	3 278,063	39 617,570	12,086	11,615
45	30	96 687	3 029,002	36 339,507	11,997	11,526
46	31	96 467	2 798,250	33 310,505	11,904	11,433
47	32	96 227	2 584,515	30 512,255	11,806	11,335
48	33	95 966	2 386,585	27 927,740	11,702	11,231
49	34	95 677	2 203,138	25 541,156	11,593	11,122
50	35	95 354	2 033,056	23 338,017	11,479	11,008
51	36	94 997	1 875,428	21 304,962	11,360	10,889
52	37	94 602	1 729,286	19 429,533	11,236	10,765
53	38	94 166	1 593,804	17 700,248	11,106	10,635
54	39	93 667	1 467,926	16 106,444	10,972	10,501
55	40	93 113	1 351,152	14 638,518	10,834	10,363
56	41	92 499	1 242,817	13 287,366	10,691	10,220
57	42	91 822	1 142,330	12 044,549	10,544	10,073
58	43	91 076	1 049,124	10 902,220	10,392	9,921
59	44	90 251	962,613	9 853,096	10,236	9,765
60	45	89 358	882,485	8 890,483	10,074	9,603
61	46	88 377	808,150	8 007,998	9,909	9,438
62	47	87 315	739,289	7 199,848	9,739	9,268
63	48	86 154	675,425	6 460,559	9,565	9,094
64	49	84 900	616,294	5 785,134	9,387	8,916
65	50	83 544	561,526	5 168,840	9,205	8,734
66	51	82 103	510,965	4 607,314	9,017	8,546
67	52	80 567	464,262	4 096,350	8,823	8,352
68	53	78 932	421,151	3 632,088	8,624	8,153
69	54	77 219	381,493	3 210,936	8,417	7,946
70	55	75 372	344,783	2 829,443	8,206	7,735
71	56	73 452	311,110	2 484,660	7,986	7,515
72	57	71 386	279,962	2 173,550	7,764	7,293
73	58	69 244	251,446	1 893,587	7,531	7,060
74	59	66 961	225,144	1 642,141	7,294	6,823
75	60	64 574	201,036	1 416,997	7,048	6,577
76	61	62 073	178,937	1 215,960	6,795	6,324
77	62	59 426	158,617	1 037,023	6,538	6,067
78	63	56 658	140,026	878,407	6,273	5,802
79	64	53 717	122,923	738,381	6,007	5,536
80	65	50 625	107,266	615,458	5,738	5,267
81	66	47 388	92,970	508,192	5,466	4,995
82	67	43 941	79,822	415,222	5,202	4,731
83	68	40 362	67,890	335,400	4,940	4,469
84	69	36 686	57,136	267,510	4,682	4,211
85	70	32 926	47,482	210,374	4,431	3,960
86	71	29 108	38,866	162,893	4,191	3,720
87	72	25 330	31,316	124,027	3,960	3,489
88	73	21 658	24,793	92,710	3,739	3,268
89	74	18 135	19,222	67,917	3,533	3,062
90	75	14 870	14,594	48,695	3,337	2,866
91	76	11 936	10,847	34,101	3,144	2,673
92	77	9 354	7,871	23,254	2,954	2,483
93	78	7 073	5,511	15,383	2,791	2,320
94	79	5 205	3,755	9,872	2,629	2,158
95	80	3 680	2,458	6,118	2,489	2,018
96	81	2 517	1,557	3,660	2,351	1,880
97	82	1 633	0,935	2,103	2,249	1,778
98	83	1 030	0,546	1,168	2,139	1,668
99	84	621	0,305	0,622	2,040	1,569
100	85	358	0,163	0,317	1,950	1,479

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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16	0	99 474	29 035,432	383 574,158	13,211	12,740
17	1	99 150	26 797,228	354 538,727	13,230	12,759
18	2	99 098	24 799,281	327 741,498	13,216	12,745
19	3	99 048	22 950,647	302 942,217	13,200	12,729
20	4	98 999	21 239,958	279 991,570	13,182	12,711
21	5	98 946	19 656,254	258 751,612	13,164	12,693
22	6	98 897	18 191,239	239 095,359	13,143	12,672
23	7	98 844	16 834,609	220 904,120	13,122	12,651
24	8	98 799	15 580,493	204 069,511	13,098	12,627
25	9	98 745	14 418,527	188 489,018	13,073	12,602
26	10	98 696	13 343,825	174 070,491	13,045	12,574
27	11	98 645	12 349,002	160 726,665	13,015	12,544
28	12	98 591	11 428,097	148 377,663	12,984	12,513
29	13	98 536	10 575,610	136 949,566	12,950	12,479
30	14	98 475	9 786,201	126 373,956	12,913	12,442
31	15	98 411	9 055,376	116 587,755	12,875	12,404
32	16	98 338	8 378,424	107 532,380	12,834	12,363
33	17	98 261	7 751,740	99 153,956	12,791	12,320
34	18	98 176	7 171,308	91 402,216	12,746	12,274
35	19	98 081	6 633,683	84 230,908	12,697	12,226
36	20	97 985	6 136,299	77 597,225	12,646	12,175
37	21	97 883	5 675,825	71 460,926	12,590	12,119
38	22	97 771	5 249,379	65 785,100	12,532	12,061
39	23	97 651	4 854,556	60 535,722	12,470	11,999
40	24	97 525	4 489,144	55 681,166	12,404	11,932
41	25	97 386	4 150,723	51 192,022	12,333	11,862
42	26	97 238	3 837,406	47 041,299	12,259	11,788
43	27	97 080	3 547,366	43 203,893	12,179	11,708
44	28	96 909	3 278,835	39 656,527	12,095	11,624
45	29	96 712	3 029,786	36 377,691	12,007	11,536
46	30	96 498	2 799,138	33 347,905	11,914	11,443
47	31	96 257	2 585,326	30 548,767	11,816	11,345
48	32	95 999	2 387,403	27 963,441	11,713	11,242
49	33	95 711	2 203,932	25 576,038	11,605	11,134
50	34	95 392	2 033,882	23 372,106	11,491	11,020
51	35	95 037	1 876,201	21 338,224	11,373	10,902
52	36	94 646	1 730,079	19 462,023	11,249	10,778
53	37	94 211	1 594,560	17 731,944	11,120	10,649
54	38	93 724	1 468,812	16 137,383	10,987	10,516
55	39	93 169	1 351,965	14 668,571	10,850	10,379
56	40	92 563	1 243,670	13 316,607	10,708	10,236
57	41	91 890	1 143,176	12 072,937	10,561	10,090
58	42	91 148	1 049,957	10 929,761	10,410	9,939
59	43	90 333	963,488	9 879,804	10,254	9,783
60	44	89 445	883,342	8 916,316	10,094	9,623
61	45	88 479	809,082	8 032,974	9,928	9,457
62	46	87 421	740,190	7 223,891	9,760	9,288
63	47	86 272	676,352	6 483,702	9,586	9,115
64	48	85 036	617,278	5 807,349	9,408	8,937
65	49	83 690	562,509	5 190,072	9,227	8,756
66	50	82 255	511,913	4 627,563	9,040	8,569
67	51	80 740	465,259	4 115,649	8,846	8,375
68	52	79 117	422,136	3 650,390	8,647	8,176
69	53	77 418	382,476	3 228,254	8,440	7,969
70	54	75 590	345,782	2 845,779	8,230	7,759
71	55	73 691	312,123	2 499,997	8,010	7,539
72	56	71 642	280,967	2 187,874	7,787	7,316
73	57	69 516	252,437	1 906,906	7,554	7,083
74	58	67 253	226,128	1 654,469	7,317	6,845
75	59	64 879	201,987	1 428,341	7,071	6,600
76	60	62 403	179,886	1 226,355	6,817	6,346
77	61	59 766	159,524	1 046,468	6,560	6,089
78	62	57 008	140,890	886,945	6,295	5,824
79	63	54 082	123,758	746,055	6,028	5,557
80	64	51 006	108,074	622,296	5,758	5,287
81	65	47 768	93,716	514,222	5,487	5,016
82	66	44 330	80,528	420,506	5,222	4,751
83	67	40 749	68,540	339,978	4,960	4,489
84	68	37 074	57,740	271,439	4,701	4,230
85	69	33 311	48,037	213,699	4,449	3,978
86	70	29 480	39,362	165,662	4,209	3,738
87	71	25 682	31,751	126,300	3,978	3,507
88	72	21 984	25,166	94,549	3,757	3,286
89	73	18 438	19,543	69,383	3,550	3,079
90	74	15 141	14,860	49,840	3,354	2,883
91	75	12 171	11,060	34,980	3,163	2,692
92	76	9 560	8,044	23,920	2,974	2,503
93	77	7 246	5,645	15,876	2,812	2,341
94	78	5 352	3,861	10,231	2,650	2,179
95	79	3 799	2,538	6,371	2,510	2,039
96	80	2 612	1,616	3,833	2,372	1,901
97	81	1 706	0,977	2,217	2,270	1,799
98	82	1 083	0,574	1,240	2,160	1,689
99	83	658	0,323	0,666	2,061	1,590
100	84	383	0,174	0,343	1,972	1,501

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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17	0	99 449	26 878,006	354 689,145	13,196	12,725
18	1	99 123	24 805,431	327 811,139	13,215	12,744
19	2	99 060	22 953,499	303 005,708	13,201	12,730
20	3	99 009	21 242,148	280 052,209	13,184	12,713
21	4	98 956	19 658,135	258 810,061	13,166	12,695
22	5	98 906	18 192,859	239 151,926	13,145	12,674
23	6	98 853	16 836,098	220 959,067	13,124	12,653
24	7	98 803	15 581,217	204 122,968	13,101	12,630
25	8	98 752	14 419,532	188 541,751	13,075	12,604
26	9	98 702	13 344,642	174 122,219	13,048	12,577
27	10	98 650	12 349,724	160 777,578	13,019	12,548
28	11	98 599	11 428,981	148 427,853	12,987	12,516
29	12	98 544	10 576,441	136 998,873	12,953	12,482
30	13	98 484	9 787,123	126 422,432	12,917	12,446
31	14	98 420	9 056,211	116 635,309	12,879	12,408
32	15	98 350	8 379,443	107 579,098	12,838	12,367
33	16	98 276	7 752,881	99 199,655	12,795	12,324
34	17	98 190	7 172,285	91 446,774	12,750	12,279
35	18	98 101	6 634,991	84 274,489	12,702	12,230
36	19	98 003	6 137,372	77 639,498	12,650	12,179
37	20	97 901	5 676,875	71 502,127	12,595	12,124
38	21	97 787	5 250,245	65 825,252	12,538	12,067
39	22	97 667	4 855,346	60 575,007	12,476	12,005
40	23	97 542	4 489,952	55 719,661	12,410	11,939
41	24	97 404	4 151,470	51 229,709	12,340	11,869
42	25	97 256	3 838,136	47 078,239	12,266	11,795
43	26	97 098	3 548,034	43 240,103	12,187	11,716
44	27	96 930	3 279,541	39 692,069	12,103	11,632
45	28	96 735	3 030,500	36 412,528	12,015	11,544
46	29	96 523	2 799,863	33 382,028	11,923	11,452
47	30	96 287	2 586,147	30 582,165	11,825	11,354
48	31	96 029	2 388,152	27 996,018	11,723	11,252
49	32	95 744	2 204,688	25 607,866	11,615	11,144
50	33	95 427	2 034,615	23 403,178	11,503	11,031
51	34	95 075	1 876,963	21 368,564	11,385	10,914
52	35	94 685	1 730,792	19 491,600	11,262	10,791
53	36	94 254	1 595,292	17 760,808	11,133	10,662
54	37	93 768	1 469,509	16 165,516	11,001	10,530
55	38	93 225	1 352,781	14 696,007	10,864	10,393
56	39	92 618	1 244,418	13 343,226	10,722	10,251
57	40	91 953	1 143,960	12 098,808	10,576	10,105
58	41	91 216	1 050,735	10 954,848	10,426	9,955
59	42	90 405	964,253	9 904,113	10,271	9,800
60	43	89 526	884,145	8 939,860	10,111	9,640
61	44	88 565	809,869	8 055,714	9,947	9,476
62	45	87 522	741,044	7 245,846	9,778	9,307
63	46	86 377	677,177	6 504,802	9,606	9,135
64	47	85 152	618,125	5 827,625	9,428	8,957
65	48	83 824	563,407	5 209,501	9,246	8,775
66	49	82 399	512,810	4 646,094	9,060	8,589
67	50	80 889	466,123	4 133,284	8,867	8,396
68	51	79 287	423,043	3 667,161	8,669	8,197
69	52	77 599	383,370	3 244,119	8,462	7,991
70	53	75 785	346,672	2 860,749	8,252	7,781
71	54	73 904	313,028	2 514,077	8,031	7,560
72	55	71 875	281,882	2 201,049	7,808	7,337
73	56	69 766	253,343	1 919,167	7,575	7,104
74	57	67 518	227,019	1 665,824	7,338	6,867
75	58	65 163	202,869	1 438,805	7,092	6,621
76	59	62 698	180,737	1 235,936	6,838	6,367
77	60	60 083	160,370	1 055,199	6,580	6,109
78	61	57 334	141,696	894,829	6,315	5,844
79	62	54 416	124,522	753,133	6,048	5,577
80	63	51 352	108,808	628,611	5,777	5,306
81	64	48 128	94,422	519,803	5,505	5,034
82	65	44 686	81,175	425,381	5,240	4,769
83	66	41 109	69,145	344,206	4,978	4,507
84	67	37 429	58,293	275,061	4,719	4,248
85	68	33 664	48,545	216,768	4,465	3,994
86	69	29 824	39,822	168,224	4,224	3,753
87	70	26 010	32,156	128,401	3,993	3,522
88	71	22 289	25,516	96,245	3,772	3,301
89	72	18 715	19,837	70,729	3,566	3,095
90	73	15 393	15,108	50,893	3,369	2,898
91	74	12 392	11,261	35,785	3,178	2,707
92	75	9 748	8,202	24,524	2,990	2,519
93	76	7 406	5,770	16,322	2,829	2,358
94	77	5 482	3,955	10,553	2,668	2,197
95	78	3 907	2,609	6,598	2,529	2,058
96	79	2 697	1,668	3,989	2,391	1,920
97	80	1 770	1,014	2,321	2,289	1,818
98	81	1 132	0,600	1,307	2,178	1,707
99	82	692	0,340	0,707	2,080	1,609
100	83	406	0,184	0,367	1,991	1,520

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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18	0	99 422	24 880,205	327 949,243	13,181	12,710
19	1	99 085	22 959,191	303 069,038	13,200	12,729
20	2	99 021	21 244,788	280 109,847	13,185	12,714
21	3	98 966	19 660,162	258 865,059	13,167	12,696
22	4	98 916	18 194,600	239 204,897	13,147	12,676
23	5	98 861	16 837,598	221 010,296	13,126	12,655
24	6	98 812	15 582,595	204 172,698	13,103	12,632
25	7	98 756	14 420,202	188 590,103	13,078	12,607
26	8	98 709	13 345,572	174 169,901	13,051	12,580
27	9	98 656	12 350,480	160 824,329	13,022	12,551
28	10	98 605	11 429,649	148 473,849	12,990	12,519
29	11	98 551	10 577,258	137 044,200	12,956	12,485
30	12	98 492	9 787,892	126 466,942	12,921	12,450
31	13	98 429	9 057,064	116 679,050	12,883	12,412
32	14	98 359	8 380,216	107 621,986	12,842	12,371
33	15	98 288	7 753,825	99 241,770	12,799	12,328
34	16	98 204	7 173,341	91 487,946	12,754	12,283
35	17	98 114	6 635,894	84 314,604	12,706	12,235
36	18	98 022	6 138,581	77 678,710	12,654	12,183
37	19	97 918	5 677,867	71 540,129	12,600	12,129
38	20	97 805	5 251,215	65 862,262	12,542	12,071
39	21	97 683	4 856,147	60 611,046	12,481	12,010
40	22	97 558	4 490,683	55 754,899	12,416	11,945
41	23	97 421	4 152,217	51 264,216	12,346	11,875
42	24	97 274	3 838,827	47 111,999	12,272	11,801
43	25	97 116	3 548,709	43 273,172	12,194	11,723
44	26	96 948	3 280,158	39 724,463	12,111	11,639
45	27	96 756	3 031,152	36 444,305	12,023	11,552
46	28	96 545	2 800,522	33 413,152	11,931	11,460
47	29	96 312	2 586,816	30 612,630	11,834	11,363
48	30	96 059	2 388,910	28 025,814	11,732	11,261
49	31	95 774	2 205,380	25 636,904	11,625	11,154
50	32	95 459	2 035,312	23 431,524	11,512	11,041
51	33	95 109	1 877,640	21 396,212	11,395	10,924
52	34	94 723	1 731,495	19 518,572	11,273	10,802
53	35	94 293	1 595,950	17 787,076	11,145	10,674
54	36	93 811	1 470,184	16 191,127	11,013	10,542
55	37	93 270	1 353,423	14 720,943	10,877	10,406
56	38	92 674	1 245,169	13 367,520	10,736	10,264
57	39	92 008	1 144,648	12 122,351	10,590	10,119
58	40	91 279	1 051,456	10 977,703	10,440	9,969
59	41	90 472	964,967	9 926,247	10,287	9,816
60	42	89 597	884,848	8 961,279	10,127	9,656
61	43	88 646	810,605	8 076,432	9,963	9,492
62	44	87 607	741,763	7 265,827	9,795	9,324
63	45	86 477	677,958	6 524,064	9,623	9,152
64	46	85 256	618,878	5 846,106	9,446	8,975
65	47	83 939	564,180	5 227,228	9,265	8,794
66	48	82 531	513,629	4 663,047	9,079	8,608
67	49	81 031	466,939	4 149,419	8,886	8,415
68	50	79 434	423,828	3 682,480	8,689	8,218
69	51	77 766	384,193	3 258,652	8,482	8,011
70	52	75 962	347,482	2 874,458	8,272	7,801
71	53	74 094	313,833	2 526,976	8,052	7,581
72	54	72 083	282,699	2 213,143	7,829	7,358
73	55	69 993	254,168	1 930,444	7,595	7,124
74	56	67 760	227,834	1 676,276	7,357	6,886
75	57	65 419	203,668	1 448,442	7,112	6,641
76	58	62 972	181,526	1 244,774	6,857	6,386
77	59	60 367	161,128	1 063,247	6,599	6,128
78	60	57 638	142,448	902,119	6,333	5,862
79	61	54 727	125,234	759,672	6,066	5,595
80	62	51 669	109,480	634,437	5,795	5,324
81	63	48 455	95,064	524,958	5,522	5,051
82	64	45 022	81,786	429,894	5,256	4,785
83	65	41 439	69,701	348,108	4,994	4,523
84	66	37 760	58,808	278,407	4,734	4,263
85	67	33 986	49,009	219,599	4,481	4,010
86	68	30 140	40,243	170,590	4,239	3,768
87	69	26 314	32,532	130,346	4,007	3,536
88	70	22 574	25,841	97,814	3,785	3,314
89	71	18 975	20,112	71,973	3,579	3,108
90	72	15 625	15,335	51,861	3,382	2,911
91	73	12 598	11,449	36,526	3,190	2,719
92	74	9 925	8,351	25,077	3,003	2,532
93	75	7 551	5,883	16,726	2,843	2,372
94	76	5 603	4,042	10,844	2,683	2,212
95	77	4 002	2,673	6,802	2,545	2,074
96	78	2 773	1,715	4,129	2,407	1,936
97	79	1 828	1,047	2,414	2,306	1,835
98	80	1 174	0,623	1,367	2,196	1,725
99	81	723	0,355	0,744	2,097	1,626
100	82	427	0,194	0,389	2,008	1,537

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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19	0	99 384	23 028,399	303 195,828	13,166	12,695
20	1	99 046	21 250,056	280 167,428	13,184	12,713
21	2	98 978	19 662,605	258 917,372	13,168	12,697
22	3	98 926	18 196,477	239 254,767	13,148	12,677
23	4	98 871	16 839,209	221 058,290	13,128	12,657
24	5	98 821	15 583,984	204 219,081	13,104	12,633
25	6	98 765	14 421,478	188 635,097	13,080	12,609
26	7	98 713	13 346,192	174 213,620	13,053	12,582
27	8	98 663	12 351,341	160 867,428	13,024	12,553
28	9	98 611	11 430,348	148 516,087	12,993	12,522
29	10	98 557	10 577,877	137 085,739	12,960	12,489
30	11	98 500	9 788,649	126 507,862	12,924	12,453
31	12	98 437	9 057,775	116 719,213	12,886	12,415
32	13	98 369	8 381,005	107 661,438	12,846	12,375
33	14	98 297	7 754,540	99 280,432	12,803	12,332
34	15	98 216	7 174,214	91 525,893	12,758	12,287
35	16	98 128	6 636,871	84 351,679	12,710	12,239
36	17	98 035	6 139,417	77 714,807	12,658	12,187
37	18	97 938	5 678,986	71 575,390	12,604	12,133
38	19	97 822	5 252,133	65 896,404	12,547	12,076
39	20	97 701	4 857,045	60 644,271	12,486	12,015
40	21	97 574	4 491,424	55 787,225	12,421	11,950
41	22	97 437	4 152,893	51 295,802	12,352	11,881
42	23	97 291	3 839,518	47 142,908	12,278	11,807
43	24	97 134	3 549,348	43 303,391	12,200	11,729
44	25	96 967	3 280,783	39 754,043	12,117	11,646
45	26	96 774	3 031,723	36 473,260	12,031	11,559
46	27	96 566	2 801,125	33 441,537	11,939	11,468
47	28	96 335	2 587,426	30 640,412	11,842	11,371
48	29	96 084	2 389,528	28 052,987	11,740	11,269
49	30	95 804	2 206,080	25 663,458	11,633	11,162
50	31	95 489	2 035,951	23 457,378	11,522	11,051
51	32	95 142	1 878,284	21 421,427	11,405	10,934
52	33	94 757	1 732,119	19 543,143	11,283	10,812
53	34	94 331	1 596,598	17 811,024	11,156	10,685
54	35	93 850	1 470,790	16 214,426	11,024	10,553
55	36	93 312	1 354,044	14 743,636	10,889	10,418
56	37	92 718	1 245,760	13 389,592	10,748	10,277
57	38	92 064	1 145,339	12 143,832	10,603	10,132
58	39	91 333	1 052,088	10 998,493	10,454	9,983
59	40	90 534	965,629	9 946,404	10,300	9,829
60	41	89 663	885,503	8 980,775	10,142	9,671
61	42	88 716	811,249	8 095,272	9,979	9,508
62	43	87 687	742,438	7 284,023	9,811	9,340
63	44	86 561	678,617	6 541,586	9,640	9,169
64	45	85 354	619,592	5 862,969	9,463	8,992
65	46	84 041	564,868	5 243,377	9,282	8,811
66	47	82 644	514,333	4 678,509	9,096	8,625
67	48	81 160	467,685	4 164,176	8,904	8,433
68	49	79 573	424,570	3 696,491	8,706	8,235
69	50	77 910	384,906	3 271,921	8,501	8,030
70	51	76 125	348,229	2 887,014	8,291	7,820
71	52	74 268	314,567	2 538,786	8,071	7,600
72	53	72 269	283,427	2 224,218	7,848	7,377
73	54	70 196	254,904	1 940,792	7,614	7,143
74	55	67 981	228,576	1 685,888	7,376	6,905
75	56	65 654	204,400	1 457,312	7,130	6,659
76	57	63 220	182,241	1 252,912	6,875	6,404
77	58	60 631	161,832	1 070,671	6,616	6,145
78	59	57 910	143,121	908,839	6,350	5,879
79	60	55 017	125,899	765,718	6,082	5,611
80	61	51 965	110,106	639,819	5,811	5,340
81	62	48 754	95,650	529,714	5,538	5,067
82	63	45 328	82,342	434,063	5,271	4,800
83	64	41 751	70,226	351,722	5,008	4,537
84	65	38 063	59,280	281,496	4,749	4,278
85	66	34 286	49,443	222,216	4,494	4,023
86	67	30 428	40,629	172,773	4,252	3,781
87	68	26 592	32,876	132,144	4,019	3,548
88	69	22 838	26,143	99,268	3,797	3,326
89	70	19 217	20,369	73,125	3,590	3,119
90	71	15 842	15,548	52,756	3,393	2,922
91	72	12 788	11,621	37,208	3,202	2,731
92	73	10 090	8,490	25,587	3,014	2,543
93	74	7 688	5,990	17,097	2,854	2,383
94	75	5 713	4,121	11,107	2,695	2,224
95	76	4 090	2,732	6,986	2,557	2,086
96	77	2 841	1,757	4,254	2,421	1,950
97	78	1 879	1,076	2,497	2,321	1,850
98	79	1 212	0,643	1,421	2,211	1,740
99	80	751	0,369	0,778	2,112	1,641
100	81	446	0,203	0,410	2,023	1,552

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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20	0	99 344	21 314,113	280 283,831	13,150	12,679
21	1	99 003	19 667,481	258 969,718	13,167	12,696
22	2	98 938	18 198,738	239 302,237	13,149	12,678
23	3	98 881	16 840,946	221 103,499	13,129	12,658
24	4	98 830	15 585,475	204 262,553	13,106	12,635
25	5	98 774	14 422,762	188 677,078	13,082	12,611
26	6	98 722	13 347,372	174 254,316	13,055	12,584
27	7	98 668	12 351,915	160 906,943	13,027	12,556
28	8	98 618	11 431,145	148 555,029	12,996	12,525
29	9	98 563	10 578,524	137 123,884	12,962	12,491
30	10	98 506	9 789,222	126 545,359	12,927	12,456
31	11	98 445	9 058,476	116 756,138	12,889	12,418
32	12	98 376	8 381,664	107 697,662	12,849	12,378
33	13	98 306	7 755,270	99 315,999	12,806	12,335
34	14	98 225	7 174,876	91 560,729	12,761	12,290
35	15	98 140	6 637,679	84 385,853	12,713	12,242
36	16	98 050	6 140,321	77 748,174	12,662	12,191
37	17	97 951	5 679,760	71 607,853	12,608	12,137
38	18	97 842	5 253,168	65 928,093	12,550	12,079
39	19	97 718	4 857,894	60 674,925	12,490	12,019
40	20	97 592	4 492,254	55 817,031	12,425	11,954
41	21	97 453	4 153,578	51 324,776	12,357	11,886
42	22	97 307	3 840,143	47 171,198	12,284	11,813
43	23	97 151	3 549,987	43 331,055	12,206	11,735
44	24	96 984	3 281,373	39 781,069	12,123	11,652
45	25	96 792	3 032,300	36 499,696	12,037	11,566
46	26	96 584	2 801,652	33 467,396	11,946	11,475
47	27	96 356	2 587,983	30 665,743	11,849	11,378
48	28	96 107	2 390,092	28 077,761	11,748	11,277
49	29	95 829	2 206,651	25 687,669	11,641	11,170
50	30	95 520	2 036,597	23 481,018	11,530	11,058
51	31	95 172	1 878,874	21 444,421	11,413	10,942
52	32	94 790	1 732,713	19 565,548	11,292	10,821
53	33	94 365	1 597,173	17 832,834	11,165	10,694
54	34	93 888	1 471,387	16 235,661	11,034	10,563
55	35	93 351	1 354,602	14 764,274	10,899	10,428
56	36	92 761	1 246,332	13 409,672	10,759	10,288
57	37	92 107	1 145,883	12 163,340	10,615	10,144
58	38	91 389	1 052,723	11 017,457	10,466	9,995
59	39	90 589	966,210	9 964,733	10,313	9,842
60	40	89 725	886,111	8 998,523	10,155	9,684
61	41	88 782	811,850	8 112,412	9,993	9,521
62	42	87 756	743,027	7 300,563	9,825	9,354
63	43	86 639	679,233	6 557,535	9,654	9,183
64	44	85 437	620,194	5 878,302	9,478	9,007
65	45	84 138	565,520	5 258,108	9,298	8,827
66	46	82 745	514,960	4 692,588	9,113	8,641
67	47	81 272	468,326	4 177,628	8,920	8,449
68	48	79 700	425,248	3 709,302	8,723	8,252
69	49	78 047	385,580	3 284,054	8,517	8,046
70	50	76 266	348,875	2 898,473	8,308	7,837
71	51	74 427	315,243	2 549,598	8,088	7,617
72	52	72 438	284,089	2 234,355	7,865	7,394
73	53	70 377	255,561	1 950,266	7,631	7,160
74	54	68 178	229,238	1 694,705	7,393	6,922
75	55	65 868	205,065	1 465,468	7,146	6,675
76	56	63 447	182,896	1 260,402	6,891	6,420
77	57	60 870	162,469	1 077,507	6,632	6,161
78	58	58 163	143,746	915,037	6,366	5,895
79	59	55 277	126,494	771,291	6,097	5,626
80	60	52 241	110,690	644,797	5,825	5,354
81	61	49 033	96,197	534,108	5,552	5,081
82	62	45 608	82,850	437,910	5,286	4,815
83	63	42 035	70,703	355,060	5,022	4,551
84	64	38 350	59,727	284,357	4,761	4,290
85	65	34 562	49,840	224,631	4,507	4,036
86	66	30 697	40,988	174,791	4,264	3,793
87	67	26 847	33,191	133,803	4,031	3,560
88	68	23 079	26,420	100,612	3,808	3,337
89	69	19 442	20,607	74,192	3,600	3,129
90	70	16 044	15,746	53,585	3,403	2,932
91	71	12 966	11,782	37,839	3,212	2,740
92	72	10 242	8,618	26,057	3,024	2,553
93	73	7 816	6,090	17,439	2,864	2,393
94	74	5 817	4,196	11,349	2,705	2,234
95	75	4 170	2,785	7,153	2,568	2,097
96	76	2 903	1,796	4,368	2,432	1,961
97	77	1 925	1,102	2,572	2,333	1,862
98	78	1 247	0,661	1,470	2,223	1,752
99	79	775	0,380	0,809	2,126	1,655
100	80	463	0,210	0,428	2,037	1,566

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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21	0	99 301	19 726,767	259 076,582	13,133	12,662
22	1	98 963	18 203,251	239 349,815	13,149	12,678
23	2	98 893	16 843,038	221 146,564	13,130	12,659
24	3	98 841	15 587,082	204 303,526	13,107	12,636
25	4	98 783	14 424,143	188 716,443	13,083	12,612
26	5	98 731	13 348,562	174 292,301	13,057	12,586
27	6	98 677	12 353,007	160 943,739	13,029	12,558
28	7	98 622	11 431,676	148 590,732	12,998	12,527
29	8	98 570	10 579,262	137 159,056	12,965	12,494
30	9	98 512	9 789,820	126 579,794	12,930	12,459
31	10	98 450	9 059,005	116 789,974	12,892	12,421
32	11	98 384	8 382,312	107 730,968	12,852	12,381
33	12	98 314	7 755,879	99 348,657	12,809	12,338
34	13	98 234	7 175,552	91 592,777	12,765	12,294
35	14	98 149	6 638,291	84 417,226	12,717	12,246
36	15	98 062	6 141,068	77 778,935	12,665	12,194
37	16	97 965	5 680,596	71 637,866	12,611	12,140
38	17	97 855	5 253,884	65 957,270	12,554	12,083
39	18	97 737	4 858,852	60 703,387	12,493	12,022
40	19	97 609	4 493,040	55 844,535	12,429	11,958
41	20	97 471	4 154,346	51 351,495	12,361	11,890
42	21	97 323	3 840,776	47 197,149	12,288	11,817
43	22	97 167	3 550,565	43 356,373	12,211	11,740
44	23	97 002	3 281,964	39 805,808	12,129	11,658
45	24	96 810	3 032,845	36 523,845	12,043	11,572
46	25	96 603	2 802,186	33 490,999	11,952	11,481
47	26	96 374	2 588,470	30 688,814	11,856	11,385
48	27	96 128	2 390,606	28 100,344	11,754	11,283
49	28	95 852	2 207,171	25 709,738	11,648	11,177
50	29	95 544	2 037,124	23 502,567	11,537	11,066
51	30	95 202	1 879,470	21 465,443	11,421	10,950
52	31	94 820	1 733,257	19 585,973	11,300	10,829
53	32	94 397	1 597,721	17 852,716	11,174	10,703
54	33	93 922	1 471,917	16 254,995	11,043	10,572
55	34	93 389	1 355,153	14 783,077	10,909	10,438
56	35	92 799	1 246,846	13 427,925	10,770	10,298
57	36	92 150	1 146,409	12 181,079	10,625	10,154
58	37	91 432	1 053,223	11 034,670	10,477	10,006
59	38	90 643	966,794	9 981,447	10,324	9,853
60	39	89 779	886,644	9 014,654	10,167	9,696
61	40	88 843	812,407	8 128,010	10,005	9,534
62	41	87 821	743,578	7 315,603	9,838	9,367
63	42	86 708	679,773	6 572,025	9,668	9,197
64	43	85 515	620,758	5 892,252	9,492	9,021
65	44	84 220	566,069	5 271,495	9,312	8,841
66	45	82 840	515,554	4 705,426	9,127	8,656
67	46	81 371	468,897	4 189,871	8,936	8,465
68	47	79 809	425,832	3 720,974	8,738	8,267
69	48	78 171	386,196	3 295,143	8,532	8,061
70	49	76 400	349,486	2 908,947	8,323	7,852
71	50	74 565	315,828	2 559,460	8,104	7,633
72	51	72 593	284,699	2 243,632	7,881	7,410
73	52	70 541	256,158	1 958,933	7,647	7,176
74	53	68 353	229,828	1 702,775	7,409	6,938
75	54	66 059	205,659	1 472,947	7,162	6,691
76	55	63 653	183,491	1 267,288	6,907	6,435
77	56	61 088	163,053	1 083,797	6,647	6,176
78	57	58 393	144,313	920,744	6,380	5,909
79	58	55 519	127,047	776,431	6,111	5,640
80	59	52 488	111,213	649,385	5,839	5,368
81	60	49 293	96,708	538,172	5,565	5,094
82	61	45 869	83,324	441,464	5,298	4,827
83	62	42 294	71,139	358,140	5,034	4,563
84	63	38 610	60,133	287,001	4,773	4,302
85	64	34 822	50,215	226,869	4,518	4,047
86	65	30 944	41,317	176,654	4,276	3,805
87	66	27 084	33,485	135,336	4,042	3,571
88	67	23 300	26,673	101,852	3,819	3,348
89	68	19 647	20,825	75,179	3,610	3,139
90	69	16 231	15,930	54,354	3,412	2,941
91	70	13 131	11,933	38,424	3,220	2,749
92	71	10 384	8,738	26,492	3,032	2,561
93	72	7 934	6,181	17,754	2,872	2,401
94	73	5 914	4,266	11,573	2,713	2,242
95	74	4 246	2,836	7,307	2,576	2,105
96	75	2 960	1,831	4,471	2,442	1,971
97	76	1 967	1,127	2,640	2,343	1,872
98	77	1 277	0,677	1,513	2,235	1,764
99	78	797	0,391	0,836	2,137	1,666
100	79	478	0,217	0,445	2,049	1,578

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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22	0	99 261	18 258,123	239 447,924	13,115	12,644
23	1	98 918	16 847,216	221 189,801	13,129	12,658
24	2	98 853	15 589,019	204 342,586	13,108	12,637
25	3	98 794	14 425,630	188 753,567	13,085	12,614
26	4	98 740	13 349,839	174 327,937	13,058	12,587
27	5	98 685	12 354,108	160 978,098	13,030	12,559
28	6	98 631	11 432,687	148 623,990	13,000	12,529
29	7	98 574	10 579,753	137 191,303	12,967	12,496
30	8	98 518	9 790,503	126 611,550	12,932	12,461
31	9	98 456	9 059,560	116 821,047	12,895	12,424
32	10	98 390	8 382,802	107 761,487	12,855	12,384
33	11	98 322	7 756,479	99 378,685	12,812	12,341
34	12	98 242	7 176,115	91 622,206	12,768	12,297
35	13	98 159	6 638,917	84 446,091	12,720	12,249
36	14	98 071	6 141,635	77 807,174	12,669	12,198
37	15	97 977	5 681,287	71 665,540	12,614	12,143
38	16	97 869	5 254,657	65 984,252	12,557	12,086
39	17	97 751	4 859,513	60 729,595	12,497	12,026
40	18	97 628	4 493,925	55 870,082	12,432	11,961
41	19	97 488	4 155,073	51 376,157	12,365	11,894
42	20	97 341	3 841,486	47 221,084	12,292	11,821
43	21	97 183	3 551,150	43 379,598	12,216	11,745
44	22	97 017	3 282,498	39 828,448	12,134	11,663
45	23	96 827	3 033,391	36 545,949	12,048	11,577
46	24	96 620	2 802,690	33 512,558	11,957	11,486
47	25	96 392	2 588,962	30 709,868	11,862	11,391
48	26	96 146	2 391,056	28 120,906	11,761	11,290
49	27	95 872	2 207,646	25 729,850	11,655	11,184
50	28	95 567	2 037,605	23 522,204	11,544	11,073
51	29	95 227	1 879,956	21 484,600	11,428	10,957
52	30	94 850	1 733,807	19 604,644	11,307	10,836
53	31	94 427	1 598,223	17 870,836	11,182	10,711
54	32	93 954	1 472,422	16 272,614	11,052	10,581
55	33	93 422	1 355,641	14 800,192	10,917	10,446
56	34	92 837	1 247,352	13 444,551	10,778	10,307
57	35	92 188	1 146,882	12 197,199	10,635	10,164
58	36	91 474	1 053,707	11 050,317	10,487	10,016
59	37	90 686	967,253	9 996,611	10,335	9,864
60	38	89 833	887,179	9 029,358	10,178	9,707
61	39	88 896	812,895	8 142,179	10,016	9,545
62	40	87 881	744,088	7 329,284	9,850	9,379
63	41	86 772	680,277	6 585,196	9,680	9,209
64	42	85 583	621,251	5 904,919	9,505	9,034
65	43	84 296	566,584	5 283,669	9,325	8,854
66	44	82 921	516,055	4 717,085	9,141	8,670
67	45	81 465	469,438	4 201,030	8,949	8,478
68	46	79 907	426,351	3 731,592	8,752	8,281
69	47	78 279	386,726	3 305,241	8,547	8,076
70	48	76 522	350,044	2 918,515	8,338	7,867
71	49	74 696	316,381	2 568,471	8,118	7,647
72	50	72 728	285,228	2 252,090	7,896	7,425
73	51	70 693	256,708	1 966,862	7,662	7,191
74	52	68 513	230,365	1 710,154	7,424	6,953
75	53	66 229	206,189	1 479,788	7,177	6,706
76	54	63 838	184,023	1 273,600	6,921	6,450
77	55	61 287	163,584	1 089,577	6,661	6,190
78	56	58 602	144,831	925,993	6,394	5,923
79	57	55 737	127,547	781,163	6,125	5,653
80	58	52 717	111,699	653,616	5,852	5,381
81	59	49 526	97,165	541,917	5,577	5,106
82	60	46 112	83,766	444,752	5,309	4,838
83	61	42 536	71,546	360,986	5,046	4,574
84	62	38 849	60,504	289,440	4,784	4,313
85	63	35 059	50,556	228,936	4,528	4,057
86	64	31 177	41,628	178,380	4,285	3,814
87	65	27 301	33,754	136,752	4,051	3,580
88	66	23 506	26,908	102,998	3,828	3,357
89	67	19 835	21,024	76,090	3,619	3,148
90	68	16 403	16,099	55,066	3,421	2,949
91	69	13 284	12,072	38,967	3,228	2,757
92	70	10 517	8,849	26,895	3,039	2,568
93	71	8 044	6,267	18,046	2,880	2,408
94	72	6 003	4,330	11,779	2,720	2,249
95	73	4 317	2,883	7,449	2,583	2,112
96	74	3 014	1,864	4,565	2,449	1,978
97	75	2 006	1,149	2,701	2,351	1,880
98	76	1 305	0,692	1,552	2,243	1,772
99	77	816	0,401	0,860	2,147	1,676
100	78	491	0,223	0,460	2,059	1,588

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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23	0	99 216	16 898,000	221 279,872	13,095	12,624
24	1	98 877	15 592,885	204 381,872	13,107	12,636
25	2	98 806	14 427,423	188 788,987	13,085	12,614
26	3	98 750	13 351,216	174 361,564	13,060	12,589
27	4	98 695	12 355,290	161 010,348	13,032	12,561
28	5	98 640	11 433,706	148 655,058	13,001	12,530
29	6	98 583	10 580,689	137 221,352	12,969	12,498
30	7	98 523	9 790,957	126 640,663	12,934	12,463
31	8	98 463	9 060,191	116 849,706	12,897	12,426
32	9	98 396	8 383,315	107 789,515	12,858	12,387
33	10	98 327	7 756,933	99 406,200	12,815	12,344
34	11	98 250	7 176,670	91 649,267	12,770	12,299
35	12	98 166	6 639,438	84 472,597	12,723	12,252
36	13	98 080	6 142,213	77 833,159	12,672	12,201
37	14	97 986	5 681,811	71 690,946	12,618	12,147
38	15	97 881	5 255,297	66 009,135	12,560	12,089
39	16	97 765	4 860,229	60 753,838	12,500	12,029
40	17	97 642	4 494,537	55 893,609	12,436	11,965
41	18	97 508	4 155,891	51 399,072	12,368	11,897
42	19	97 358	3 842,158	47 243,181	12,296	11,825
43	20	97 201	3 551,807	43 401,023	12,219	11,748
44	21	97 033	3 283,039	39 849,216	12,138	11,667
45	22	96 843	3 033,885	36 566,176	12,053	11,582
46	23	96 638	2 803,194	33 532,291	11,962	11,491
47	24	96 410	2 589,428	30 729,097	11,867	11,396
48	25	96 164	2 391,511	28 139,669	11,766	11,295
49	26	95 890	2 208,062	25 748,158	11,661	11,190
50	27	95 588	2 038,043	23 540,096	11,550	11,079
51	28	95 249	1 880,399	21 502,053	11,435	10,964
52	29	94 874	1 734,256	19 621,654	11,314	10,843
53	30	94 457	1 598,730	17 887,398	11,189	10,717
54	31	93 983	1 472,884	16 288,668	11,059	10,588
55	32	93 454	1 356,106	14 815,784	10,925	10,454
56	33	92 870	1 247,802	13 459,678	10,787	10,316
57	34	92 225	1 147,347	12 211,877	10,644	10,173
58	35	91 512	1 054,141	11 064,529	10,496	10,025
59	36	90 728	967,696	10 010,388	10,345	9,874
60	37	89 876	887,600	9 042,692	10,188	9,717
61	38	88 950	813,386	8 155,092	10,026	9,555
62	39	87 934	744,536	7 341,706	9,861	9,390
63	40	86 832	680,743	6 597,170	9,691	9,220
64	41	85 646	621,711	5 916,427	9,516	9,045
65	42	84 363	567,034	5 294,716	9,338	8,867
66	43	82 996	516,524	4 727,682	9,153	8,682
67	44	81 544	469,894	4 211,158	8,962	8,491
68	45	79 999	426,843	3 741,264	8,765	8,294
69	46	78 374	387,197	3 314,421	8,560	8,089
70	47	76 627	350,524	2 927,224	8,351	7,880
71	48	74 815	316,886	2 576,699	8,131	7,660
72	49	72 856	285,727	2 259,813	7,909	7,438
73	50	70 824	257,185	1 974,086	7,676	7,205
74	51	68 660	230,860	1 716,901	7,437	6,966
75	52	66 384	206,671	1 486,041	7,190	6,719
76	53	64 002	184,496	1 279,370	6,934	6,463
77	54	61 465	164,057	1 094,874	6,674	6,203
78	55	58 793	145,302	930,816	6,406	5,935
79	56	55 938	128,005	785,514	6,137	5,666
80	57	52 925	112,139	657,509	5,863	5,392
81	58	49 742	97,589	545,370	5,588	5,117
82	59	46 330	84,162	447,781	5,320	4,849
83	60	42 762	71,926	363,619	5,055	4,584
84	61	39 071	60,850	291,694	4,794	4,323
85	62	35 275	50,868	230,844	4,538	4,067
86	63	31 389	41,911	179,976	4,294	3,823
87	64	27 507	34,008	138,064	4,060	3,589
88	65	23 695	27,125	104,057	3,836	3,365
89	66	20 011	21,210	76,932	3,627	3,156
90	67	16 560	16,253	55,722	3,428	2,957
91	68	13 425	12,200	39,469	3,235	2,764
92	69	10 640	8,953	27,270	3,046	2,575
93	70	8 147	6,347	18,317	2,886	2,415
94	71	6 086	4,390	11,970	2,726	2,255
95	72	4 382	2,927	7,580	2,590	2,119
96	73	3 064	1,895	4,653	2,455	1,984
97	74	2 042	1,170	2,758	2,358	1,887
98	75	1 331	0,706	1,588	2,251	1,779
99	76	834	0,410	0,882	2,154	1,683
100	77	503	0,229	0,473	2,068	1,597

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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24	0	99 175	15 639,888	204 464,565	13,073	12,602
25	1	98 830	14 431,001	188 824,676	13,085	12,614
26	2	98 763	13 352,875	174 393,676	13,060	12,589
27	3	98 705	12 356,564	161 040,801	13,033	12,562
28	4	98 649	11 434,800	148 684,237	13,003	12,532
29	5	98 592	10 581,632	137 249,437	12,971	12,499
30	6	98 532	9 791,824	126 667,805	12,936	12,465
31	7	98 468	9 060,612	116 875,982	12,899	12,428
32	8	98 403	8 383,899	107 815,370	12,860	12,389
33	9	98 333	7 757,407	99 431,470	12,818	12,347
34	10	98 255	7 177,090	91 674,063	12,773	12,302
35	11	98 174	6 639,951	84 496,973	12,726	12,254
36	12	98 088	6 142,696	77 857,022	12,675	12,204
37	13	97 996	5 682,347	71 714,326	12,621	12,150
38	14	97 890	5 255,781	66 031,980	12,564	12,093
39	15	97 777	4 860,820	60 776,198	12,503	12,032
40	16	97 656	4 495,199	55 915,378	12,439	11,968
41	17	97 521	4 156,457	51 420,179	12,371	11,900
42	18	97 377	3 842,915	47 263,722	12,299	11,828
43	19	97 218	3 552,428	43 420,807	12,223	11,752
44	20	97 051	3 283,646	39 868,379	12,141	11,670
45	21	96 859	3 034,386	36 584,732	12,057	11,586
46	22	96 653	2 803,651	33 550,347	11,967	11,496
47	23	96 427	2 589,894	30 746,696	11,872	11,401
48	24	96 181	2 391,941	28 156,802	11,772	11,300
49	25	95 909	2 208,482	25 764,860	11,666	11,195
50	26	95 605	2 038,427	23 556,379	11,556	11,085
51	27	95 270	1 880,804	21 517,952	11,441	10,970
52	28	94 897	1 734,665	19 637,148	11,320	10,849
53	29	94 481	1 599,143	17 902,483	11,195	10,724
54	30	94 013	1 473,352	16 303,340	11,065	10,594
55	31	93 484	1 356,532	14 829,988	10,932	10,461
56	32	92 902	1 248,229	13 473,457	10,794	10,323
57	33	92 258	1 147,761	12 225,227	10,651	10,180
58	34	91 549	1 054,569	11 077,466	10,504	10,033
59	35	90 765	968,095	10 022,897	10,353	9,882
60	36	89 917	888,007	9 054,802	10,197	9,726
61	37	88 992	813,772	8 166,795	10,036	9,565
62	38	87 987	744,985	7 353,022	9,870	9,399
63	39	86 884	681,153	6 608,037	9,701	9,230
64	40	85 705	622,138	5 926,885	9,527	9,056
65	41	84 426	567,454	5 304,747	9,348	8,877
66	42	83 062	516,935	4 737,293	9,164	8,693
67	43	81 618	470,321	4 220,359	8,973	8,502
68	44	80 076	427,257	3 750,037	8,777	8,306
69	45	78 464	387,644	3 322,780	8,572	8,101
70	46	76 720	350,952	2 935,136	8,363	7,892
71	47	74 918	317,321	2 584,184	8,144	7,673
72	48	72 972	286,184	2 266,863	7,921	7,450
73	49	70 948	257,635	1 980,680	7,688	7,217
74	50	68 788	231,289	1 723,045	7,450	6,979
75	51	66 526	207,115	1 491,756	7,203	6,732
76	52	64 152	184,928	1 284,641	6,947	6,476
77	53	61 623	164,480	1 099,714	6,686	6,215
78	54	58 963	145,723	935,234	6,418	5,947
79	55	56 120	128,422	789,511	6,148	5,677
80	56	53 114	112,541	661,089	5,874	5,403
81	57	49 938	97,974	548,547	5,599	5,128
82	58	46 532	84,529	450,574	5,330	4,859
83	59	42 964	72,266	366,044	5,065	4,594
84	60	39 278	61,172	293,778	4,802	4,331
85	61	35 477	51,159	232,606	4,547	4,076
86	62	31 582	42,170	181,447	4,303	3,832
87	63	27 694	34,239	139,277	4,068	3,597
88	64	23 873	27,329	105,038	3,844	3,372
89	65	20 171	21,381	77,710	3,635	3,164
90	66	16 707	16,396	56,329	3,435	2,964
91	67	13 553	12,317	39,932	3,242	2,771
92	68	10 752	9,047	27,616	3,052	2,581
93	69	8 242	6,421	18,569	2,892	2,421
94	70	6 164	4,446	12,148	2,732	2,261
95	71	4 443	2,967	7,701	2,595	2,124
96	72	3 110	1,924	4,734	2,461	1,990
97	73	2 077	1,189	2,810	2,363	1,892
98	74	1 355	0,718	1,621	2,256	1,785
99	75	851	0,418	0,902	2,161	1,690
100	76	514	0,234	0,485	2,075	1,604

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2016/2018

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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25	0	99 128	14 474,501	188 900,595	13,051	12,580
26	1	98 787	13 356,186	174 426,093	13,060	12,589
27	2	98 717	12 358,099	161 069,907	13,034	12,563
28	3	98 659	11 435,979	148 711,807	13,004	12,533
29	4	98 601	10 582,644	137 275,828	12,972	12,501
30	5	98 541	9 792,696	126 693,184	12,938	12,466
31	6	98 476	9 061,414	116 900,488	12,901	12,430
32	7	98 407	8 384,289	107 839,074	12,862	12,391
33	8	98 340	7 757,948	99 454,786	12,820	12,349
34	9	98 261	7 177,529	91 696,838	12,776	12,304
35	10	98 180	6 640,340	84 519,309	12,728	12,257
36	11	98 095	6 143,171	77 878,969	12,677	12,206
37	12	98 003	5 682,793	71 735,798	12,623	12,152
38	13	97 900	5 256,277	66 053,006	12,567	12,095
39	14	97 786	4 861,269	60 796,729	12,506	12,035
40	15	97 668	4 495,746	55 935,460	12,442	11,971
41	16	97 535	4 157,069	51 439,715	12,374	11,903
42	17	97 391	3 843,438	47 282,645	12,302	11,831
43	18	97 237	3 553,128	43 439,207	12,226	11,755
44	19	97 068	3 284,221	39 886,079	12,145	11,674
45	20	96 877	3 034,947	36 601,858	12,060	11,589
46	21	96 669	2 804,113	33 566,911	11,971	11,500
47	22	96 443	2 590,316	30 762,798	11,876	11,405
48	23	96 199	2 392,372	28 172,482	11,776	11,305
49	24	95 926	2 208,879	25 780,111	11,671	11,200
50	25	95 624	2 038,815	23 571,232	11,561	11,090
51	26	95 288	1 881,158	21 532,417	11,446	10,975
52	27	94 917	1 735,038	19 651,259	11,326	10,855
53	28	94 504	1 599,520	17 916,221	11,201	10,730
54	29	94 038	1 473,733	16 316,701	11,072	10,601
55	30	93 513	1 356,962	14 842,968	10,938	10,467
56	31	92 931	1 248,621	13 486,006	10,801	10,330
57	32	92 290	1 148,154	12 237,384	10,658	10,187
58	33	91 582	1 054,949	11 089,230	10,512	10,041
59	34	90 802	968,489	10 034,281	10,361	9,890
60	35	89 954	888,373	9 065,792	10,205	9,734
61	36	89 033	814,145	8 177,419	10,044	9,573
62	37	88 029	745,339	7 363,273	9,879	9,408
63	38	86 937	681,564	6 617,934	9,710	9,239
64	39	85 757	622,512	5 936,370	9,536	9,065
65	40	84 484	567,843	5 313,859	9,358	8,887
66	41	83 124	517,318	4 746,016	9,174	8,703
67	42	81 683	470,695	4 228,698	8,984	8,513
68	43	80 149	427,646	3 758,003	8,788	8,317
69	44	78 541	388,021	3 330,358	8,583	8,112
70	45	76 809	351,357	2 942,337	8,374	7,903
71	46	75 009	317,708	2 590,980	8,155	7,684
72	47	73 072	286,576	2 273,273	7,933	7,461
73	48	71 061	258,047	1 986,696	7,699	7,228
74	49	68 908	231,694	1 728,650	7,461	6,990
75	50	66 650	207,499	1 496,956	7,214	6,743
76	51	64 289	185,325	1 289,457	6,958	6,487
77	52	61 767	164,864	1 104,132	6,697	6,226
78	53	59 115	146,098	939,268	6,429	5,958
79	54	56 282	128,794	793,169	6,158	5,687
80	55	53 287	112,908	664,376	5,884	5,413
81	56	50 118	98,326	551,468	5,609	5,138
82	57	46 716	84,862	453,142	5,340	4,869
83	58	43 152	72,581	368,280	5,074	4,603
84	59	39 464	61,462	295,698	4,811	4,340
85	60	35 665	51,431	234,237	4,554	4,083
86	61	31 763	42,411	182,806	4,310	3,839
87	62	27 865	34,450	140,395	4,075	3,604
88	63	24 035	27,515	105,945	3,851	3,379
89	64	20 323	21,542	78,431	3,641	3,170
90	65	16 841	16,528	56,889	3,442	2,971
91	66	13 673	12,425	40,361	3,248	2,777
92	67	10 855	9,134	27,935	3,058	2,587
93	68	8 329	6,489	18,802	2,897	2,426
94	69	6 236	4,498	12,312	2,737	2,266
95	70	4 499	3,005	7,814	2,600	2,129
96	71	3 154	1,950	4,809	2,465	1,994
97	72	2 108	1,207	2,858	2,368	1,897
98	73	1 378	0,730	1,651	2,261	1,790
99	74	866	0,425	0,921	2,166	1,695
100	75	524	0,238	0,496	2,081	1,610